CLOSEOUT REPORT REV 2
APPENDIX G - FINAL STATUS SURVEY REPORT

U.S. DEPARTMENT OF ENERGY

HIGH FLUX BEAM REACTOR STACK (BLDG 705) DEMOLITION AND DECOMMISSIONING AREA OF CONCERN 31

BROOKHAVEN NATIONAL LABORATORY
UPTON, NY
CERCLIS NUMBER NY 789008975

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Prepared for:

U.S. ARMY CORPS OF ENGINEERS, BALTIMORE DISTRICT
District 2 Hopkins Plaza
Baltimore, MD 21201

Prepared by:



181 Kenwood Avenue Oneida, NY 1342

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ACRONYMS AND ABBREVIATIONS

α	alpha
β	beta
ALARA	As Low as Reasonably Achievable
Am-241	americium-241
AOC	Area of Concern
BGRR	Brookhaven Graphite Research Reactor
BNL	Brookhaven National Laboratory
BSA	Brookhaven Science Associates, Inc.
BTV	background threshold value
C	carbon (e.g., C-14)
cm	centimeter
cm^2	square centimeter
cm^3	cubic centimeter
cpm	counts per minute
cps	counts per second
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CFR	Code of Federal Regulations
CHMM	Certified Hazardous Materials Manager
Co	cobalt (e.g., Co-60)
Cs	cesium (e.g., Cs-137)
D&D	Demolition and Decommissioning
DGPS	Differential Global Positioning System
DOE	Department of Energy
DOT	Department of Transportation
dpm	disintegrations per minute
DQO	Data Quality Objective
EPA	U.S. Environmental Protection Agency
Eu	europium (e.g., Eu-152, Eu-154, Eu-155)
FRER	fluence rate to exposure rate
FSP	Field Sampling Plan

FSS	Final Status Survey
FSSR	Final Status Survey Report
g	gram
GPS	global positioning system
H-3	tritium
HFBR	High Flux Beam Reactor
L	liter or liters
m	meter or meters
m^2	square meter
m^3	cubic meter
MARSSIM	Multi-Agency Radiation Survey and Site Investigation Manual
MDC	minimum detectable concentration
MDCR	minimum detectable count rate
mrem	millirem
Na	sodium (e.g., Na-22)
NaI	sodium iodide
Ni	nickel (e.g., Ni-63)
NIST	National Institute of Science and Technology
NRC	Nuclear Regulatory Commission
NYSDEC	New York State Department of Environmental Conservation
OFJV	Olgoonik-FPM Joint Venture JV, LLC
OP	Operating Procedure
OU	operable unit
pCi/g	picocuries per gram
Pu	plutonium (e.g., Pu-238, Pu-239/240, Pu-241)
QA	quality assurance
QC	quality control
RBA	reference background area
RCA	radiation control area
RCM	Radiological Control Manual
Ra	radium (e.g., Ra-226)
RESRAD	Residual Radioactive Materials Computer Code

ROD	Record of Decision
sec	second
SOF	sum of fractions
Sr	strontium (e.g., Sr-90)
SU	survey unit
Tc	technetium (e.g., Tc-99)
Th	thorium (e.g., Th-230)
U	uranium (e.g., U-234, U-235, U-238)
UCL	upper confidence level
U.S.	United States
UFP-QAPP	Uniform Federal Policy-Quality Assurance Project Plan (UFP-QAPP)
USACE	United States Army Corps of Engineers
WRS	Wilcoxon Rank Sum
Y	yttrium (e.g., Y-90)
yr	year

EXECUTIVE SUMMARY

This Final Status Survey Report (FSSR) presents the results of the radiological final status survey (FSS) conducted following the demolition and decommissioning of the building 705 High Flux Beam Reactor (HFBR) Stack located at Brookhaven National Laboratory (BNL), Upton, NY. This FSSR was developed by Olgoonik/FPM JV, LLC (OFJV) under the direction of the U.S. Army Corps of Engineers (USACE) and the United States Department of Energy (DOE). The purpose of this report is to demonstrate concentrations of radionuclides of concern are below the release criterion in accordance with the Record of Decision (ROD) for Area of Concern (AOC) 31, HFBR (BNL, 2009). The remedy is being regulated under the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA), and is consistent, to the extent practicable, with the National Oil and Hazardous Substances Pollution Contingency Plan (40 CFR 300).

The HFBR complex is centrally located within the BNL facility (Figure 1). Building 705 (the Stack) was constructed in 1949 and was used for gaseous emissions from the HFBR, the Brookhaven Graphite Research Reactor (BGRR), and other research facilities at BNL. Following demolition of the Stack the project area included:

- Pedestal: The stack was constructed on a large reinforced concrete foundation (i.e., pedestal), most of which is located below grade with the top surface at grade (elevation 124'-0"). Following decontamination activities, the entire pedestal is below grade.
- Silencer and Below Grade Duct: The silencer and below grade duct was a 44-foot-long rectangular concrete duct with dimensions of roughly 12 feet by 17 feet extending approximately 15 feet below grade. The duct was constructed from reinforced concrete with 9 and 10-inch-thick walls. A sump was located north of the west end of the silencer below grade duct (Figure 2).
- Drains: Three stormwater and drain lines built into the pedestal exited the northwest side of the pedestal. These drains discharged to a 550-gallon, double-walled, underground storage tank located northeast of the pedestal.

A survey design was developed and documented in the final Field Sampling Plan, High Flux Beam Reactor Stack (Bldg 705) Demolition and Decommissioning (FSP, OFJV 2020a). The FSP described the planned survey activities along with project cleanup goals and release criteria.

A gamma walkover survey and beta surface scan survey were performed on the top surface of the pedestal. Alpha and beta direct measurements of total surface activity and smear sample measurements of removable surface activity were performed. All total and removable radiation measurements on the pedestal were below the surface contamination values for use in the unrestricted release of material, equipment, and property.

Gamma walkover surveys were performed over all exposed soil surfaces in radiologically impacted areas surrounding the pedestal. Soil samples were collected from three depths at each sample location (0 to 6 inches, 6 to 12 inches, and 18 to 24 inches below ground surface). Concrete core samples were collected from the top two inches of the pedestal surface. Individual sample results were compared with the project release criteria, and exposure pathway modeling was performed to evaluate radiation dose to current and future site occupants.

The results of the dose assessment are below the limits established in the HFBR ROD, including the dose objective of 15 mrem/yr and the New York State Department of Environmental Conservation (NYSDEC) cleanup guideline of 10 mrem/yr adopted as an As Low As Reasonably Achievable (ALARA) goal.

1.0 INTRODUCTION

This Final Status Survey Report (FSSR) describes the radiological final status survey (FSS) activities performed following the demolition and decommissioning (D&D) of the Building 705 High Flux Beam Reactor (HFBR) Stack located at Brookhaven National Laboratory (BNL), Upton, NY. This FSSR was developed by Olgoonik/FPM JV, LLC (OFJV) under the direction of the U.S. Army Corps of Engineers (USACE) and the United States Department of Energy (DOE).

This FSSR is focused on demonstrating radiological compliance as defined in the Multi-Agency Radiation Survey and Site Investigation Manual (MARSSIM, EPA, 2000). The FSS design and survey objectives are documented in the final Field Sampling Plan, High Flux Beam Reactor Stack (Bldg 705) Demolition and Decommissioning (FSP, OFJV 2020a).

1.1 PURPOSE AND OBJECTIVE

The purpose of this Final Status Survey Report (FSSR) is to document the results of the FSS following D&D of the HFBR Stack, associated structures, and surrounding soils and to demonstrate compliance with the Record of Decision (ROD) for Area of Concern (AOC) 31, HFBR (BNL, 2009). The remedy is being regulated under the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA), and is consistent, to the extent practicable, with the National Oil and Hazardous Substances Pollution Contingency Plan (40 CFR 300).

The primary objectives of the FSS are to:

- Identify survey unit boundaries,
- Classify survey units,
- Demonstrate the potential dose is below the ROD requirement for each survey unit, and
- Demonstrate the potential dose from small areas of elevated activity is below the ROD requirement for each survey unit.

The FSS provides data to demonstrate all specified compliance parameters satisfy the guideline values and conditions established in the ROD.

1.2 DEVIATIONS FROM PLANNING DOCUMENTS

No field change requests were submitted for deviations from the FSS design as documented in the FSP (OFJV 2020a) and the final Uniform Federal Policy-Quality Assurance Project Plan (UFP-QAPP), High Flux Beam Reactor Stack (Bldg 705), Area of Concern 31 (OFJV 2020b).

Direct measurements were performed at four systematic locations and three bias locations on the concrete pedestal on September 8, 2021 with an instrument that had not had daily operational checks performed. The instrument had a current calibration, and no issues were identified during the pre-operational checks (i.e., battery check, high voltage check, lack of physical damage to the instrument). The results of the measurements performed with this instrument on September 8, 2021 were rejected during data validation (see Section 6.1). The results of these measurements were not used to evaluate compliance with the HFBR ROD. However, the results of these measurements are consistent with the conclusions about the radiological status of the concrete pedestal based on the accepted FSS results.

No smear samples were collected from the four systematic locations and three bias locations on the concrete pedestal investigated on September 8, 2021. The direct measurement results were

rejected, and no removable activity measurements were performed. The lack of data describing these seven locations is not considered a data gap based on the 177 direct measurements and 177 removable activity measurements performed on the concrete pedestal. The usable alpha and beta activity data combined with the seven concrete core samples, statistical test results, and dose calculations describing the radiological conditions associated with the concrete pedestal meet the objectives for the FSS.

The FSP identified generic boundaries for individual survey units (SUs) and estimated areas and locations for systematic samples. The final SU boundaries were adjusted based on site conditions following D&D of the Stack. Adjusting the SU boundaries did not result in a change to the number of SU's or the number of sample locations. The establishment of final SU boundaries is discussed in Section 5.1.

The FSP specified six concrete core samples would be collected from the pedestal during the FSS. One sample was planned for the concrete slope where the silencer connected to the Stack on the west side of the pedestal. Most of the concrete slope on the west side of the pedestal was removed during D&D activities, so this sample could not be collected. Two bias concrete sample locations were identified based on the gamma walkover survey of the pedestal, so the total number of concrete samples collected as part of the FSS did not change.

Table 1-1 and Table 3-1 of the FSP incorrectly identified as low as reasonably achievable (ALARA) cleanup goals for uranium-235 (U-235) and uranium-238 (U-238) as 270 picocuries per gram (pCi/g) instead of 3.3 pCi/g and did not include carbon-14 (C-14) as a radionuclide of concern. Table 3-1 in Section 3.1 of this report corrected these problems.

A large subsurface object was encountered at one soil sample location. The subsurface sample from 18 to 24 inches below ground surface could not be collected from that location due to refusal. The samples from 0 to 6 and 6 to 12 inches below ground surface were collected from that location with concentration results below the corresponding average reference background area (RBA) concentration.

Deviations from the planning documents did not impact the overall quality of the FSS or the quality of the usable data collected. The FSS produced data of sufficient quality and quantity to support decision about the radiological status of the site and met the survey objectives.

1.3 REPORT ORGANIZATION

This report consists of nine sections and provides descriptions of the specific activities involved in the implementation of the FSS.

- Section 1.0 provides an introduction, the purpose and objective for the FSS, and this report organization.
- Section 2.0 presents the site location, description, and a brief site history.
- Section 3.0 describes the FSS design and provides a review of the data quality objectives (DQOs) for the project.
- Section 4.0 describes the survey instrumentation including calibration and operational checks.
- Section 5.0 describes the FSS field activities and summarizes the results of the FSS.
- Section 6.0 presents the evaluation of the FSS results including data validation, exploratory data analysis, and a data quality review.

- Section 7.0 provides the results of the dose modeling and describes the exposure pathway models and selection of modeling parameters.
- Section 8.0 presents conclusions and recommendations based on the results of the FSS.
- Section 9.0 provides a list of documents used to compile this report.

2.0 SITE CONDITIONS AND HISTORY

2.1 SITE LOCATION

BNL is owned by the U.S. Department of Energy (DOE) and located in Suffolk County on Long Island, about 65 miles east of midtown Manhattan (Figure 1). BNL has operated since 1947 as a research facility for national science and technology programs and is expected to continue this mission for the foreseeable future. BNL is operated by Brookhaven Science Associates, Inc (BSA).

The BNL site covers almost 5,320 acres, much of which is wooded. Large, specialized research facilities occupy approximately 200 acres near the center of the Site.

2.2 SITE DESCRIPTION AND HISTORY

The HFBR complex is centrally located within the BNL facility (Figure 2). The HFBR was designed and constructed for basic experimental research. During its operating lifetime from 1965 to 1996, it provided neutrons for materials science, chemistry, biology, and physics experiments. The Brookhaven Graphite Research Reactor (BGRR) was the first reactor in the United States built solely to perform experiments. It operated from 1950 to 1968. The HFBR Stack, Building 705, was constructed in 1949 and was used for gaseous emissions from the HFBR, BGRR, and other research facilities at BNL.

Final status surveys have been completed for former buildings and soils in the areas surrounding Building 705 and are summarized in the following closeout reports:

- BNL, 2011a, Final Closeout Report, High Flux Beam Reactor Underground Utilities Removal Area of Concern 31, prepared by Brookhaven Science Associates for the U.S. Department of Energy, August 2011.
- BNL, 2011b, Final Closeout Report, High Flux Beam Reactor Fan Houses (Building 704 and Building 802) Decontamination and Dismantlement (D&D), prepared by Brookhaven Science Associates for the U.S. Department of Energy, November 2011.
- BNL, 2012, Final Closeout Report, High Flux Beam Reactor Removal of the Stack Silencer Baffles and Final Status Survey for Remaining HFBR Outside Areas, Area of Concern 31, prepared by Brookhaven Science Associates for the U.S. Department of Energy, May 2012.

The building 705 Stack and associated structures were removed prior to initiating FSS activities for the Building705 Stack Demolition Project. Following the demolition of the Stack, the remaining subsurface section of the building 705 silencer including the floor drain and remainder of the silencer sump were removed. The stack stormwater collection system including the 550-gallon collection tank, the drain line connecting the tank with the pedestal drains, and the remaining drain line connected to the system that connected to former Building 704 were removed. The areas where FSS activities were performed are shown in Figure 2.

2.3 RADIONUCLIDES OF CONCERN

The primary radiological contaminants of concern for the soil within the remaining HFBR Outside Areas were specified in the HFBR ROD (BNL, 2009) and are the same as those for OU I radiologically contaminated soils specified in the OU I ROD: Cs-137, Ra-226, and Sr-90.

Additional radionuclides that were not addressed in the OU I ROD were also considered based on historical data reviews and data gap characterization efforts performed in early 2020. In April 2001 a single sample described as "dirt from the stack" was collected and analyzed by gamma spectroscopy. The material inside the stack identified Cs-137 and Ra-226, as well as cobalt-60 (Co-60) and americium-241 (Am-241) which were added to the list of radioactive contaminants of concern. Water samples collected from the stack stormwater collection system have reported tritium (H-3) levels exceeding ambient water quality standards, so H-3 was added to the list of radioactive contaminants of concern. Radiological characterization of the ducts associated with Building 704 and Building 802 indicated that they were contaminated with Co-60, nickel-63 (Ni-63), and cesium Cs-137, so Ni-63 was included as a radioactive contaminant of concern. The Building 705 Stack-Resolution of End-Sate Report (PWGC, 2005) states fuel failures at the BGRR resulted in releases of uranium oxides that would have adhered to the interior surfaces of the stack; therefore, U-235 and U-238 were included as radioactive contaminants of concern. In addition, the BGRR could have released activated carbon through the Stack, so C-14 was included as a radioactive contaminant of concern. Based on the known presence of Am-241 inside the stack and the likely presence of uranium oxides from fuel failures, plutonium-238 (Pu-238), plutonium-239 (Pu-239), plutonium-240 (Pu-240) and plutonium-241 (Pu-241) were added to the list of radionuclides of concern. Europium-152 (Eu-152) and europium-154 (Eu-154) are fission products produced in nuclear reactors, like Cs-137 and Sr-90, and have been identified as radioactive contaminants of concern for previous HFBR final status surveys and are included as radioactive contaminants of concern. Europium-155 (Eu-155) and sodium-22 (Na-22) were identified during the historical data reviews and included as radionuclides of concern.

2.4 CONCEPTUAL SITE MODEL

Airborne radiological contaminants of concern entered the Stack through the silencer and other air ducts. Radioactivity was deposited on the interior surfaces of the Stack and over time migrated into the Stack materials.

The pedestal formed the base of the stack. The pedestal was constructed from four tiers of reinforced concrete. Each tier was two feet thick and extended two feet beyond the edge of the tier above. Radionuclides present on the interior walls of the stack were also present on the exposed surface of the pedestal. Over time radionuclides migrated into and penetrated the concrete surface of the pedestal. During characterization the highest concentrations of radionuclides were identified on the surface, diminishing with depth. During demolition elevated levels of radioactivity were identified deeper in the concrete than expected. The top foot of concrete was removed from the surface of the pedestal along with the slope on the west side of the pedestal where the silencer connected with the Stack. An additional foot of concrete was removed from an area of elevated activity associated with cracks in the concrete. The removed concrete resulted in a trench in the surface of the pedestal approximately one foot deep, two feet wide and 14 feet long (see Figure 4). Concrete from the upper portion of the second tier of the pedestal was removed inside the trench.

The drain lines built into the pedestal are constructed from stainless steel. Radioactivity would enter the drains as liquid or fine particulates suspended in water.

The soil surrounding the silencer and the pedestal was previously surveyed and released for residential land use after 50 years of industrial use and institutional controls by DOE as described in the ROD (BNL, 2009) and closeout surveys for the surrounding areas (BNL, 2012). This clean overburden was excavated and stockpiled during remedial activities. The overburden was screened and used as backfill as described in Section 3.10 of the Closeout Report.

The exposed surface of the pedestal was investigated as part of the FSS. The exposed soil surrounding and beneath the silencer was exposed as part of this FSS. The soil surrounding and beneath the stormwater collection system, including the drain lines and collection tank, was investigated as part of this FSS. The exposed soil and asphalt inside the radiation control area that could have been impacted by demolition of contaminated structures, handling of radioactive waste, loading of waste containers, and transport of radioactive materials inside the radiation control area was investigated as part of this FSS.

3.0 FINAL STATUS SURVEY DESIGN

The objective of the FSS was to demonstrate compliance with the dose limits stated in the HFBR ROD (BNL, 2009). The FSS of the concrete pedestal included a beta scan survey, alpha and beta direct measurements at systematic and bias locations, alpha and beta smears at direct measurement locations, a gamma walkover survey, and concrete core samples at systematic and bias locations. The FSS of the soil areas included gamma walkover surveys and collection of soil samples at systematic and bias locations. Samples were collected from three depths at each soil sample location: 0 to 6 inches, 6 to 12 inches, and 18 to 24 inches.

3.1 CLEANUP GOALS

3.1.1 Soil Cleanup Goals

The cleanup goals for specific radionuclides in soil were calculated using the Residual Radioactivity Computer Code (RESRAD), Version 6.5 (Argonne National Laboratory, 2001), considering a residential scenario. The cleanup goals for concrete are the same as the cleanup goals for soil (BNL 2010). The dose limit used was 15 millirem per year (mrem/yr) above background (Office of Solid Waste and Emergency Response Directive 9200.4-1, EPA, 1997), residential land use after 50 years of institutional control by the DOE, and industrial land use with no decay time (Year 0). In addition, the New York State Department of Environmental Conservation (NYSDEC) cleanup guideline of 10 mrem/yr, from DER-38 (NYSDEC 2013), was adopted as an As Low as Reasonably Achievable (ALARA) goal. Radionuclides of concern without a cleanup goal were evaluated using RESRAD. Table 3-1 lists the radionuclides of concern and the soil cleanup goals.

3.1.2 Surface Cleanup Goals

The cleanup goals for the concrete surface of the pedestal are the pre-approved authorized release criteria for use in the unrestricted release of material, equipment, and property in accordance with DOE Order 458.1 (DOE 2020). Table 2-6 of the BNL Radiological Control Manual (BNL 2020) provides the surface contamination values for use in the unrestricted release of material, equipment, and property. Table 3-1 lists the radionuclides of concern and the concrete surface cleanup goals.

The evaluation of surface cleanup goals is based on the radionuclides of concern listed in the HFBR ROD (BNL 2009); Sr-90, Cs-137, and Ra-226. Other radionuclides of concern listed in Table 3-1, including H-3 and Ni-63, were evaluated against the HFBR ROD criteria as part of the dose modeling.

Table 3-1. Soil and Surface Cleanup Goals for Radionuclides of Concern

Radionuclide of Concern	Cleanup Goals for Concrete Surfaces (dpm/100 cm^2)		Cleanup Goals for Volumetric Samples Based on the 10 mrem/yr ALARA Goal (pCi/g)
	Total	Removable	
H-3	Note 1	10,000 β	Note 2
C-14	5,000 β	1,000 β	Note 2
Na-22	5,000 β	1,000 β	Note 2
Co-60	5,000 β	1,000 β	840
Ni-63	5,000 β	1,000 β	Note 2
Sr/Y-90	1,000 β	200 β	10
Cs-137	5,000 β	1,000 β	15
Eu-152	5,000 β	1,000 β	34
Eu-154	5,000 β	1,000 β	120
Eu-155	5,000 β	1,000 β	Note 2
Ra-226	100 α	20 α	3.3
U-234	5,000 α	1,000 α	Note 2
U-235	5,000 α	1,000 α	3.1
U-238	5,000 α	1,000 α	3.1
Pu-238	100 α	20 α	38
Pu-239/240	100 α	20 α	23
Pu-241	5,000 β	1,000 β	Note 2
Am-241	100 α	20 α	22

1. Tritium contamination may diffuse into the volume or matrix of materials. Evaluation of surface contamination shall consider the extent to which such contamination may migrate to the surface in order to ensure the surface contamination value is not exceeded. Once this contamination migrates to the surface, it may be removable, not fixed; therefore, a "Total" value does not apply. In certain cases, a “Total” value of 10,000 dpm/100 cm^2 may be applicable either to metals of the types from which insoluble special tritium compounds are formed, that have been exposed to tritium, or to bulk materials to which insoluble special tritium compound particles are fixed to a surface.
2. If tritium, C-14, Na-22, Ni-63, Eu-155, U-234, or Pu-241 are detected in soil samples above the detection limit or above the mean reference area concentration, a RESRAD evaluation will be conducted using the reported soil concentration. The analysis will include an evaluation of groundwater pathways to ensure that the projected drinking water pathway annual dose to the receptor is less than 4 mrem.

3.2 AREA CLASSIFICATION

Classification is the process by which an area or SU is described according to radiological characteristics. The classification process determines the FSS design, and the level of survey effort associated with the FSS. The entire site was classified as Class 1, requiring the greatest level of effort for the FSS.

3.3 REVIEW OF DATA QUALITY OBJECTIVES

The Data Quality Objective (DQO) development process (USEPA, 2006) was used to determine the project DQOs and optimize the data collection necessary to meet the applicable decision criteria. The DQO process helped in selecting analytical methods needed to achieve appropriate detection limits. The DQOs specified the type, quality, quantity, and uses of data required for decision making. There are seven steps in the DQO Process described in MARSSIM (USEPA, 2001).

3.3.1 Step 1 – State the Problem

The Stack was removed down to the pedestal and the top layer of concrete was removed from exposed concrete surfaces, but residual radioactivity could remain on the concrete surface.

The stainless-steel drain lines installed inside the concrete pedestal were used to collect potentially contaminated stormwater, and residual radioactivity may remain inside the pipes.

The soil beneath the subsurface silencer structures and the Stack stormwater collection system drain lines and storage tank may have been contaminated by radioactive material through leaks.

3.3.2 Step 2 – Identify the Decision

The principal study question was:

“Do the residual radionuclide concentrations in remediated site soils and concrete exceed volumetric cleanup criteria and ALARA goals specified in the HFBR ROD (BNL, 2009) and based on residential future land use after fifty years of industrial use and institutional controls by DOE?”

A secondary study question was: “Does the residual surface radioactivity on the remaining decontaminated concrete pedestal surface exceed the authorized release criteria established for BNL under DOE Order 458.1 (DOE 2020)?”

Decision statements for the FSS included:

- Determine whether the sum of fractions exceeded unity for the primary radionuclides (i.e., ^{137}Cs, ^{90}Sr, ^{226}Ra) based on ALARA limits for radionuclides provided in Table 3-1.
- Determine whether the sum of fractions exceeded unity for all detected radionuclides based on ALARA limits for radionuclides with limits provided in Table 3-1.
- Determine whether the surface activity levels on the pedestal exceeded the surface activity limits provided in Table 3-1.
- Determine whether the total dose from all detected radionuclides exceeded the 15 mrem/yr limit specified in the ROD.

3.3.3 Step 3 – Identify Inputs to the Decision

The following site characteristics were determined to resolve the applicable decision statements:

- Exposed concrete surfaces were scanned for beta radiation.
- Alpha and beta total activity direct measurements were performed on exposed concrete surfaces.
- Alpha and beta RBA total activity measurements were performed on concrete outside Building 610.
- Alpha and beta removable activity measurements were performed on exposed concrete surfaces.
- Alpha and beta removable activity measurements were performed on the inside surfaces of the pedestal drain lines at the inlet and outlet for each section of drain line.
- Gamma walkover surveys were performed on all exposed concrete and soil horizontal surfaces to identify areas of locally elevated gamma radiation.
- Soil and concrete samples were collected and sent to a commercial laboratory for radionuclide-specific analysis. A WRS test comparing the pedestal concrete samples with the RBA concrete samples for sum of fraction values based on the radionuclide and chemical contaminants of concern cleanup goals listed in Table 3-1 was performed and demonstrated the residual concentrations exceed the RBA concentrations by less than unity.
- A WRS test comparing the soil samples from each survey unit with the RBA soil samples for sum of fraction values based on the radionuclide and chemical contaminants of concern cleanup goals listed in Table 3-1 was performed and demonstrated the residual concentrations exceed the RBA concentrations by less than unity.
- A post-cleanup radiological dose assessment was performed and reported a total dose for the Stack area of less than 10 mrem/yr for all modeled exposure scenarios.

3.3.4 Step 4 – Define the Study Boundaries

The areas of interest are defined in Section 2.2 and include the concrete pedestal, the soils under the silencer, the soils under the Stack stormwater collection system, and any additional radiologically impacted areas resulting from Stack demolition activities. Figure 2 provides generic outlines for the different areas of interest, but the actual boundaries of the survey areas are defined and discussed in Section 5.1. All wastes handled in the railyard were securely packaged for DOT transport with no reported leaks. Therefore, there was no potential for OFJV activities to spread of contamination to the railyard. The railyard remained non-impacted and was not included as part of this FSS.

3.3.5 Step 5 – Develop Decision Rules

Concrete Pedestal Decision Rules:

- If a gamma walkover survey measurement result exceeded the mean of the survey unit data plus three times the standard deviation of the survey unit data a concrete core sample was collected at that location.
- If a beta scan survey measurement result exceeded the mean of the survey unit data plus three times the standard deviation of the survey unit data a bias direct measurement for alpha and beta total surface activity was performed at that location.

Soil Area Decision Rules

- If a gamma walkover survey measurement result exceeded the mean of the survey unit data plus three times the standard deviation of the survey unit data a bias soil sample was collected at that location.
- A WRS test comparing the soil samples from each survey unit with the RBA soil samples for sum of fraction values based on the radionuclide and chemical contaminants of concern cleanup goals listed in Table 3-1 was performed and demonstrated the residual concentrations exceed the RBA concentrations by less than unity.
- A post-cleanup radiological dose assessment was performed and reported a total dose for the Stack area of less than 10 mrem/yr for all modeled exposure scenarios.

3.3.6 Step 6 – Specify Limits on Decision Errors

For the purposes of the FSS, the acceptable error rate for both Type I and Type II errors is five percent (i.e., $\alpha = \beta = 0.05$).

3.3.7 Step 7 – Optimize the Design for Collecting Data

Operation details for the FSS are provided in the final approved FSP (OFJV 2020a) and UFP-QAPP (OFJV 2020b).

4.0 MEASUREMENT TECHNIQUES AND SURVEY INSTRUMENTATION

The purpose of this section is to describe radiological survey instruments and techniques that were implemented during the FSS.

4.1 MEASUREMENT TECHNIQUES

Measurements were performed for gamma, beta and alpha radiation. Survey techniques included scans, direct measurements, smears to measure removable radioactivity, collection of solid samples, and laboratory analysis of samples.

4.1.1 Gamma Walkover Surveys

A gamma walkover survey was performed over 100% of the accessible soil and concrete surfaces exposed following demolition/remediation activities. These surveys provided position-correlated gross gamma count rate data proportional to the gross gamma fluence rate at the ground surfaces. The results of these surveys were used to detect areas of elevated activity and select locations for bias samples.

Gamma walkover survey results exceeding the average SU result by more than three standard deviations (z-score greater than 3.0) were investigated to determine the source of the elevated reading. If the source of elevated activity was residual contamination, or the source of elevated activity could not be determined, a bias sample was collected at that location.

4.1.2 Beta Surface Activity Scans

A beta scan was performed over 100% of the accessible concrete surfaces exposed following demolition activities. These scans provided position correlated gross beta count rate data. The results of the beta scan surveys were used to identify areas of elevated beta activity for further investigation using alpha and beta direct measurements of surface activity.

Beta surface scan results with a z-score greater than 3.0 were investigated to determine the source of the elevated reading. If the source of elevated beta activity was residual contamination or the source of elevated activity could not be identified, and the location was not previously identified for collection of a bias sample, a bias direct measurement was performed.

4.1.3 Alpha/Beta Direct Measurements

Alpha/beta direct measurements were performed at systematic and bias locations on the surface of the concrete pedestal. The results of the direct measurements were compared with the surface cleanup goals for total activity listed in Table 3-1 to determine compliance with the surface contamination values from the BNL Radiological Control Manual (BNL, 2020) for use in the unrestricted release of material, equipment, and property.

4.1.4 Alpha/Beta Smear Measurements

Alpha/beta smear measurements were performed at each location where an alpha/beta direct measurement was performed. The results of the smear measurements were compared with the surface cleanup goals for removable activity listed in Table 3-1 to determine compliance with the surface contamination values from the BNL Radiological Control Manual (BNL, 2020) for use in the unrestricted release of material, equipment, and property.

4.1.5 Sample Collection and Analysis

Samples were collected from accessible soil and concrete surfaces exposed following demolition activities. Soil samples were collected from three depths at each location: 0 to 6 inches, 6 to 12 inches, and 18 to 24 inches below ground surface. Concrete core samples were collected from the top two inches of exposed concrete on the pedestal. Solid samples were sent to a commercial laboratory for analysis for radionuclides of concern listed in Table 3-1. Samples were analyzed in accordance with approved analytical procedures provided in the UFP-QAPP (OFJV 2020b).

Sample containers were marked to show the sample identification number, date and time the sample was collected, the requested analyses, and the initials of the person collecting the sample. Sample identification number, northing and easting coordinates, and other pertinent data were recorded on appropriate field data recording sheets. Samples were collected in accordance with applicable chain of custody procedures as described in the UFP-QAPP.

4.2 INSTRUMENT CALIBRATION

Instruments used during the FSS had current calibration/maintenance records. Calibration records include the following:

- Name of the equipment,
- Equipment identification (model and serial number) and manufacturer,
- Date of calibration,
- Calibration due date.

Instruments were calibrated at a facility possessing appropriate Nuclear Regulatory Commission (NRC) and/or Agreement State licenses for performing calibrations using National Institute of Science and Technology (NIST) traceable sources. Copies of instrument calibration records are provided in Appendix A.

4.3 INSTRUMENT OPERATIONAL CHECKS

Each day an instrument was used in the field operational checks were performed. Operational checks included a background count to check for contamination and a source count to demonstrate the instrument efficiency was unchanged and the instrument was detecting radioactivity properly. Instrument operational checks also included checks of the battery, physical damage, current calibration, and erroneous readings. Source checks were performed using NIST-traceable sources. Records of daily operational checks and source calibration certificates are provided in Appendix A.

The Ludlum Model 2360 data logger and Ludlum Model 43-93 scintillator did not have operational checks performed after September 1, 2021. This instrument was used to perform direct measurements on the concrete pedestal in SU 7A at four systematic locations and three bias locations.. The instrument had a current calibration, and no issues were identified during the pre-operational checks (i.e., battery check, high voltage check, lack of physical damage to the instrument).

4.4 MEASUREMENT OF GAMMA RADIATION

Gamma walkover surveys were performed using an uncollimated Ludlum Model 44-20 3x3 NaI detector coupled to a Ludlum Model 2221 scaler/ratemeter. The detector was linked with a differential global positioning system (DGPS) receiver/datalogger. The gamma detection systems were set up to measure gamma interactions in the NaI crystal that are discernable

from electronic noise. Specifically, the detection systems were calibrated with no lower-level discriminator and no upper-level discriminator (i.e., open window). Data from the scaler/ ratemeter was automatically logged into the GPS unit every second.

Using NUREG-1507, *Minimum Detectable Concentrations with Typical Radiation Survey Instruments for Various Contaminants and Field Conditions* (NRC, 1998), as guidance, scan MDCs and scanning sensitivity was calculated for Cs-137, Ra-226, and Am-241 using Microshield®. The results of the gamma walkover scan minimum detectable concentration (MDC) calculations are presented in Table 4-1. The calculations performed and the assumptions made in the sensitivity estimates are presented in Appendix B.

Table 4-1. Gamma Walkover Scan MDCs for Soil

Detector	Description	ROC	Scan MDC (pCi/g)
Ludlum Model 44-20	NaI	Cs-137	8.8
		Ra-226	2.7
		Am-241	8.9

The scan MDC calculations in Appendix B assumed a background count rate of 9,000 cpm and this estimate accurately reflects a reasonable upper limit on background measurements performed in the RBA (Section 5.1.1, Table 5-1). The maximum concentrations reported for samples at systematic locations were 0.537 pCi/g for Cs-137 and 0.843 pCi/g for Ra-226. The maximum concentrations reported for samples at bias locations were 4.05 pCi/g for Cs-137 and 1.06 for Ra-226. The scan MDC achieved for gamma walkover surveys was lower than the a priori estimate. The most likely cause was the slower scan speed associated with scanning from a manlift (see Section 5.4).

4.5 MEASUREMENT OF ALPHA AND BETA RADIATION

Measurements of alpha and beta radiation on the concrete pedestal were performed using a Ludlum Model 2360 data logger connected to a Ludlum 43-37 large area gas proportional detector or a Ludlum Model 43-93 scintillator. The Ludlum Model 2360 data logger was used to separately count alpha and beta concurrently and record the results, Scan surveys were performed using the Ludlum Model 43-37 detector connected to a DGPS to provide position-correlated survey results.

A Ludlum Model 2929 sample counter with a Ludlum Model 43-10-1 scintillator was used for counting smears. The Model 2929 provides simultaneous alpha and beta counting using a shielded 2-inch diameter sample tray.

4.5.1 Determination of Efficiency

Instrument efficiencies for alpha and beta measurements were calculated based on the guidance found in International Standard 7503 (ISO 2016). The Ludlum Model 43-37 detector used a 150 cm^2 Sr-90 source for beta instrument efficiency and a 150 cm^2 Th-230 source for alpha instrument efficiency. The Ludlum Model 43-93 detector and the Ludlum Model 2929 sample counter used a

15 cm^2 Tc-99 source for beta instrument efficiency and a 15 cm^2 Th-230 source for alpha instrument efficiency. All sources were NIST traceable. Multiple counts were performed on each detector, repositioning the source for each count, to cover the entire active area of the detector. A minimum of 10,000 counts were collected for each detector with each source to reduce uncertainty from counting statistics. Instrument efficiencies for the Ludlum 43-37 detector were established with the detector in contact with the surface being measured, with the detector approximately 1 cm above the surface being measured, and with the detector approximately 2 cm above the surface being measured to account for different source to detector distances used for scan surveys and direct measurements in contact with the surface. Instrument efficiencies for the Ludlum 43-93 detector were determined with the detector in contact with the surface being measured and are only applicable to direct measurements on contact with the surface. Instrument efficiencies for the Ludlum 2929 were determined with the source positioned in the sample holder in the same position used for counting smears.

Surface efficiency values were selected based on the emission energies of the radionuclides of concern using recommendations from International Standard 7503 (ISO 2016). The surface cleanup goal for beta activity listed in Table 3-1 was selected based on Sr-90. The surface efficiency for beta particles was based on the beta particle energy of Sr-90 and the Y-90 daughter. The surface efficiency for beta particles was set at 50%. The recommended surface efficiency for all alpha particles is 25%, so the surface efficiency for alpha particles was set at 25%.

Tritium and other difficult-to-detect radionuclides were not considered during the development of an instrument efficiency for beta radiation. The historical information and characterization data used to develop the survey design indicated there was little or no H-3 present on concrete surfaces, so the selection of survey instruments did not require detection of low-energy beta particles. The beta direct measurements of total surface activity do not account for the presence of H-3 on concrete surfaces. The presence of H-3 in concrete was evaluated based on laboratory analysis of volumetric concrete core samples.

Total efficiency was calculated by multiplying the instrument efficiency by the surface efficiency. Results of the source counts and efficiency calculations are provided for each detector in Appendix B. Copies of source calibration certificates are provided in Appendix A.

4.5.2 Determination of Beta Scan MDC

MARSSIM Section 6.7.2.1 provides guidance on determining the scan MDC for beta radiation on concrete surfaces. The scan MDC for beta activity is 424 disintegration per minute per 100 square centimeters (dpm/100 cm^2). The calculations performed and the assumptions made to determine this scan MDC are presented in Appendix B and summarized in Table 4-2.

Table 4-2. Scan MDC for Beta Radiation

Model #	Detector Height (cm)	Probe Area (cm^2)	Bkgd (cpm)[a]	Bkgd Count Time (sec)	Sample Count Time (sec)	Total Efficiency (cpm/dpm)	Scan MDC (dpm/100 cm^2)
43-37	1	584	1008.5	1200	1	0.200	411
43-37	2	584	1008.5	1200	1	0.185	444

a Background cpm are the average cpm from the RBA

The scan MDC for surface scan surveys for beta activity with the detector positioned 2 cm above the surface with a scan speed of one detector width per second is 444 dpm/100 cm^2. The scan MDC for beta activity is less than half the beta cleanup goal of 1,000 dpm/100 cm^2 and meets the objectives for the FSS.

4.5.3 Determination of Alpha/Beta Direct Measurement MDC

The direct measurement MDC is the level of radioactivity practically achievable by the overall measurement process. The following equation, from the Multi-Agency Radiation Survey and Assessment of Materials and Equipment (MARSAME, USEPA 2009) Table 7.6 Equation 4, is used to calculate the direct measurement MDC in units of dpm/100 cm^2 when the background and sample were counted using different time intervals:

$$MDC = \frac{\frac{\left(z_{1-\alpha} + z_{1-\beta}\right)^2}{4}\left(1 + \frac{t_S}{t_B}\right) + \left(z_{1-\alpha} + z_{1-\beta}\right)\sqrt{N_B \frac{t_S}{t_B}\left(1 + \frac{t_S}{t_B}\right)}}{\varepsilon_t t_S \frac{W_A}{100}}$$

Where:

$z_{1-\alpha}$ = quantile of the standard normal distribution for α (1.645 for α =0.05)

$z_{1-\beta}$ = quantile of the standard normal distribution for β (1.645 for β =0.05)

t_S = sample counting time (minutes)

t_B = background counting time (minutes)

N_B = number of background counts during background counting time

ε_t = instrument efficiency (counts per particle)

W_A = active area of the detector window (cm^2)

The direct measurement MDC values for alpha and beta measurements in contact with the surface are listed in Table 4-3.

Table 4-3. Direct Measurement MDCs for Alpha and Beta Radiation

Model #	Radiation Type	Probe Area (cm^2)	Bkgd (cpm)[a]	Bkgd Count Time (sec)	Sample Count Time (sec)	Total Efficiency (cpm/dpm)	Direct Measurement MDC (dpm/100 cm^2)
43-37	Alpha	584	8.9	1200	60	0.215	42
	Beta	584	1008.5	1200	60	0.0524	87
43-93	Alpha	100	2.3	960	120	0.120	54
	Beta	100	278.9	960	120	0.0977	356

a Background cpm are the average cpm from the RBA

The direct measurement alpha MDC using the Ludlum Model 43-37 detector for 1-minute counts on contact with the surface and the Ludlum Model 43-93 detector for 2-minute counts on contact with the surface are less than the alpha cleanup goal of 100 dpm/100 cm^2 and meets the objectives for the FSS. The direct measurement beta MDC using the Ludlum Model 43-37 detector for 1-minute counts on contact with the surface and the Ludlum Model 43-93 detector for 2-minute counts on contact with the surface are less than the beta cleanup goal of 1,000 dpm/100 cm^2 and meets the objectives for the FSS.

4.5.4 Determination of Alpha/Beta Smear MDC

The smear MDCs for removable alpha and beta radioactivity measured with the Ludlum Model 2929 sample counter were calculated using the equation presented in Section 4.5.3. The calculation uses a smear area of 100 cm^2. The smear MDC values are listed in Table 4-4.

Table 4-4. Smear MDCs for Removable Alpha and Beta Radiation

Model #	Radiation Type	Smear Area (cm^2)	Bkgd $(cpm)^2$	Bkgd Count Time (sec)	Sample Count Time (sec)	Total Efficiency (cpm/dpm)	Smear MDC (dpm/100 cm^2)
2929	Alpha	100	0.1	9600	60	0.17	20
	Beta	100	36	9600	60	0.16	427

a Background cpm are the average cpm from the RBA

The smear measurement alpha MDC using the Ludlum Model 2929 sample counter for 1-minute counts is equal to the alpha removable activity cleanup goal of 20 dpm/100 cm^2 and meets the objectives for the FSS. The smear measurement beta MDC using the Ludlum Model 2929 sample counter for 1-minute counts is less than the beta removable activity cleanup goal of 200 dpm/100 cm^2 and meets the objectives for the FSS.

5.0 FINAL STATUS SURVEY ACTIVITIES AND RESULTS

Final status survey data collection activities were initiated on August 6, 2021 and completed on September 8, 2021. These activities included gamma walkover surveys of accessible horizontal surfaces, beta surface scans of the concrete pedestal, alpha and beta direct measurements on the concrete pedestal, alpha and beta smears of removable activity on the concrete pedestal, concrete core samples on the pedestal at systematic and bias locations, and soil sample collection at systematic and bias locations.

5.1 REFERENCE BACKGROUND AREAS

Reference background areas were selected from non-impacted areas at BNL to provide data representative of background. Locations of the soil RBA and the concrete RBA are shown in Figure 2 inset.

5.1.1 Soil Reference Background Area

The soil RBA is located along a fire road southeast of the HFBR. A gamma walkover survey was performed on March 17, 2021 to provide an investigation level to support remedial action support surveys, assist in identification of soils requiring removal to meet project cleanup goals, and determine when FSS activities could begin. Table 5-1 summarizes the results of the soil RBA gamma walkover survey.

Table 5-1. Soil Reference Background Area Gamma Walkover Survey Results

Minimum	Maximum	Mean	Standard Deviation (σ)	Mean + 3σ	Number of Measurements
6,239 cpm	9,770 cpm	7,874 cpm	627 cpm	9,755 cpm	540

Surface soil samples were collected on March 17, 2021. Sixteen samples were collected from random locations within the RBA. The samples were sent to a commercial analytical laboratory for analysis. Table 5-2 summarizes the results of the soil RBA sample analyses. Included in the data summary is the 95% upper confidence level on the mean representing the average activity used for dose calculations, a background threshold value (BTV) representing the maximum value consistent with the background distribution, and a sum of fractions (SOF) value for use in the statistical tests in Section 6.4. The analytical laboratory results for the soil RBA samples are provided in Appendix A of the Closeout Report and summarized in Appendix C of this report.

Table 5-2. Soil Reference Background Area Summary of Analytical Results (pCi/g)

Nuclide	Minimum	Maximum	Mean	Standard Deviation	Median	95% UCL	BTV
Sr-90	0.0314	0.244	0.123	0.069	0.126	0.153	0.292
Cs-137	0.0287	0.283	0.187	0.0765	0.199	0.22	0.374
Ra-226	0.321	0.668	0.513	0.0915	0.51	0.553	0.737
U-235	-0.00536	0.049	0.0181	0.0168	0.0151	0.0254	0.059
U-238	0.30	0.475	0.384	0.0527	0.381	0.407	0.513
SOF	0.150	0.334	0.286	0.045	0.289	0.306	0.396

5.1.2 Concrete Reference Background Area

The concrete RBA is located on an outdoor loading ramp attached to Building 610. The loading ramp is weathered outdoor concrete similar to the concrete pedestal and is non-impacted. BNL personnel collected concrete cores from six random locations on the ramp on April 13, 2021. The concrete cores were 2-inches in diameter and approximately 10 inches long to provide sufficient material to complete all the required laboratory analyses. Table 5-3 summarizes the results of the concrete RBA sample analyses. The analytical laboratory results for the concrete RBA samples are provided in Appendix A of the Closeout Report and summarized in Appendix C of this report.

Table 5-3. Concrete Reference Background Area Summary of Analytical Results (pCi/g)

Nuclide	Minimum	Maximum	Mean	Standard Deviation	Median	95% UCL	BTV
Sr-90	-0.0286	0.334	0.0966	0.147	0.0511	0.217	0.364
Cs-137	-0.0323	0.03	-0.00292	0.0246	-0.00852	0.0173	0.0418
Ra-226	0.0259	0.438	0.26	0.158	0.251	0.39	0.547
U-235	-0.00979	0.0446	0.0167	0.0207	0.0136	0.0338	0.0545
U-238	0.131	0.348	0.25	0.074	0.256	0.311	0.385
SOF	0.0869	0.248	0.146	0.072	0.110	0.272	0.294

5.2 SURVEY UNIT BOUNDARIES

The MARSSIM Glossary states that SUs are generally formed by grouping contiguous site areas with a similar use history and the same classification of contamination potential. MARSSIM Section 4.6 suggests an upper limit on the area of a Class 1 survey unit of 2,000 m^2 and a minimum area of 100 m^2.

The HFBR outdoor areas were divided into SUs as part of previous investigations (BNL 2012) and the FSS activities fall primarily inside the boundary for HFBR SU 7 as shown in Figure 3. After completion of the HFBR Stack Demolition Area grading and minor remediation, the final boundaries for individual SUs were established. The HFBR Stack Demolition Area was divided into four Class 1 SUs.

The concrete pedestal was identified as SU 7A. The boundaries of SU 7A are the edges of the concrete pedestal. Only the top tier of the pedestal was completely exposed, along with the upper surface of the second tier. The bottom two tiers were not exposed and were not accessible for FSS measurements. During demolition activities the west side of the pedestal where the Silencer attached to the Stack was removed. A trench was cut in the pedestal extending into the second tier of the pedestal. A 3-foot by 3-foot grid was established on the pedestal surface as a reference coordinate system. Figure 4 shows SU 7A, the reference grid, the trench cut into the surface, and the sections removed on the west side of the pedestal. The drainpipes embedded in the concrete pedestal connected to the Stack Stormwater Collection System are part of SU 7A.

The Silencer excavation was identified as SU 7B. The FSP (OFJV 2020a) indicated SU 7B would be limited to the soil directly beneath the Silencer. This SU was enlarged to include the area affected by the demolition of the Silencer walls and floor and removal of demolition debris and the area beneath the sump located just north of where the Silencer was joined to the underground duct connecting the Stack to the former Fan House (Building 704). Figure 3 shows the boundary

of SU 7B and the approximate locations of the Silencer and sump. Figure 3 also shows the approximate location of the trench box used to extend the Silencer excavation deeper to remove contaminated soils below the Silencer footer and former sump.

The soils beneath the former Stack Stormwater Collection System were identified as SU 7C. The boundaries of this SU include the area north of the pedestal where the Stormwater Collection Tank and associated drainpipes exiting the pedestal were located. This SU also includes the areas where former drainpipes were located connecting the Stack and other facilities to the Silencer sump. Figure 3 shows the boundaries of SU 7C including the approximate location of the trench box installed during removal of the Stormwater Collection Tank, and the approximate location of an abandoned section of drainpipe removed from the area between the Stack and the Silencer sump.

All remaining areas withing the Radiation Control Area (RCA) boundary were identified as SU 7D. The FSP described SU 7D as the waste container loading area. This area was expanded to include all areas inside the RCA based on several factors including:

- Temporary stockpiling of contaminated debris,
- Multiple waste loading areas for different types of contaminated debris,
- Transportation routes within the RCA to gain access to contaminated areas, and
- Multiple severe weather events during demolition potentially contributing to the spread of contamination inside the RCA.

Figure 3 shows the boundaries of SU 7D including the location of the asphalt pad east of the pedestal used for waste container loading and staging equipment.

The final grading of the Silencer excavation resulted in slopes that were too steep to access on foot based on the loose, sandy soil present at the site. Figure 3 shows the areas in SU 7B and SU 7D that were inaccessible on foot during FSS activities due to health and safety concerns. Table 5-4 provides a description of the final FSS SUs.

Table 5-4. Description of FSS Survey Units

SU Number	Building/OA	Class	Description	SU size (m^2)
7A	Pedestal	1	Concrete	146
7B	Silencer Excavation Underlying Soil	1	Soil	327
7C	Stack Stormwater Collection System Underlying Soil	1	Soil	138
7D	Impacted Areas	1	Soil	1,543

All SU areas are within the range for Class 1 SUs recommended in MARSSIM Section 4.6 and meet the objectives of the FSS.

5.3 ALPHA/BETA SURVEYS

Surveys of alpha and beta radiation were performed in SU 7A on the surface of the concrete pedestal. FSS survey activities for measuring alpha and beta radiation included beta scans of the pedestal surface, alpha and beta direct measurements at systematic and bias locations, and alpha and beta smear measurements of removable activity at systematic locations.

5.3.1 SU 7A Beta Scan

Beta surface scans of the pedestal surface were performed using the Ludlum Model 2360 data logger and Ludlum Model 43-37 large area gas proportional detector. Beta scan surveys were performed on August 31, September 1, and September 2, 2021. Beta surface scans covered 100% of the accessible concrete surface, including the 2-foot-wide apron of the surface of the second tier of concrete making up the pedestal. Beta surface scans were not performed in the trench cut into the surface because the trench was full of water and inaccessible for survey. A limited number of beta surface scans were performed on the sloped portions of grids G3, H3, I3, and J3 because the sloped surface was mostly inaccessible to the large area detector.

A total of 2,632 beta scan measurements were performed. The detector area was 0.0584 m^2 (584 cm^2), so the total area scanned was approximately 153 m^2. Allowing for some overlap of measurements and the lack of scan data for the area of the trench (approximately 2.25 m^2), the beta scan coverage was 100% of the accessible concrete surface. Table 5-5 summarizes the results of the beta surface scan survey. Figure 6 shows the results of the beta surface scan survey in SU 7A. The beta surface scan survey results are provided in Appendix D.

Table 5-5. Beta Surface Scan Survey Results

Minimum	Maximum	Mean	Standard Deviation (σ)	Mean + 3σ	Number of Measurements
666 cpm	1,531 cpm	981 cpm	95.5 cpm	1,267 cpm	2,632

There were six locations where the beta scan results exceeded the investigation level of a z-score greater than 3.0, where the scan result exceeded the average scan result by more than 3 standard deviations.

- Grid F4 – investigate with a bias concrete core sample,
- Grid N6/M6 – systematic direct measurements provide necessary data,
- Grid D12 – systematic direct measurement provides necessary data,
- Grid K10/K11 – investigate with a bias direct measurement,
- Grid K12 – investigate with a bias direct measurement, and
- Grid K15 – investigate with a bias direct measurement.

The concrete core samples are discussed in Section 5.5.1. The bias direct measurements performed at grid K10/11, grid K12, and grid K15 and are discussed in Section 5.3.2. The bias direct measurement results were rejected during data validation (see Section 6.1).

5.3.2 SU 7A Alpha/Beta Direct Measurements

Integrated direct measurements (i.e., static measurements) of surface alpha and beta radioactivity were performed during the FSS to compare contaminant concentrations at discrete measurement locations on the pedestal to the surface activity limits listed in Table 3-1 and facilitate statistical testing. A Ludlum Model 2360 data logger and a Ludlum Model 43-37 large area gas proportional detector was used to perform direct measurements at systematic locations. A Ludlum Model 2360 data logger and Ludlum model 43-93 scintillator was used to perform alpha beta direct measurements at bias locations and at four systematic grid locations inaccessible to the Model 43-37 detector (i.e., Grids G3, H3, I3, and J3). Alpha and beta direct measurements were performed at 177 systematic locations on August 27, 2021 with the Model 43-37 detector. Alpha and beta direct measurements were performed at four systematic locations (Grids G3, H3, I3, and J3) and three bias locations identified by the beta surface scan survey (Grids K11, K12, and K15) on September 8, 2021.

Alpha and beta direct measurements in counts were converted to units of disintegrations per minute per 100 square centimeters (dpm/100 cm^2) using the following equation:

$$dpm/100cm^2 = \frac{{}^{C_s}/_{T_s} - {}^{C_b}/_{T_b}}{(\varepsilon_T) \times (A/100)}$$

Where:

C_s = integrated counts recorded by the instrument

C_b = average RBA counts

T_s = time period over which sample counts were recorded (minutes)

T_b = time period over which background counts were recorded (minutes)

ε_T = total efficiency of the instrument (Table 4-3)

A = physical probe area (cm^2)

Table 5-6 summarizes the results of the alpha and beta direct measurements in SU 7A. The systematic direct measurements were performed at the approximate center of each grid shown in Figure 4. The bias direct measurement locations are shown in Figure 7. The results of the alpha and beta direct measurements are provided in Appendix D.

Table 5-6. Alpha and Beta Direct Measurement Results (dpm/100 cm^2)

Measurement	Minimum	Maximum	Mean	Standard Deviation	Median	Number of Measurements
Alpha Systematic	-29	27	-2.9	9.54	-2.8	177
Beta Systematic	-500	157	-7.6	88.4	-15.5	177

Measurement	Minimum	Maximum	Mean	Standard Deviation	Median	Number of Measurements
Alpha Rejected	-8.3	33	8.5	16.1	7.0	7
Beta Rejected	-537	689	-113	413	-187	7

Daily instrument checks were not performed on September 8, 2021. Therefore, the results for the three bias measurements and last four systematic measurements performed using the Model 43-93 detector were rejected and are not usable for evaluating dose. However, the rejected direct measurement results are consistent with the validated direct measurement results. The rejected direct measurement results provide evidence the residual radioactivity at the locations of the rejected measurements is consistent with the residual radioactivity over the rest of SU 7A.

5.3.3 SU 7A Alpha/Beta Smear Measurements

Smear samples were collected during the FSS to evaluate removable alpha and beta activity concentrations against the removable surface activity limits listed in Table 3-1 and facilitate statistical testing. Smear samples were collected at 177 systematic locations on the concrete pedestal on August 27, 2021. A Ludlum Model 2929 sample counter and Ludlum Model 43-10-1 scintillator was used to count the smear samples on the same day they were collected. Alpha and beta removable activity results were converted into units of dpm/100 cm^2 using the equation presented in Section 5.3.2. Table 5-7 summarizes the results of the smear sample results in SU 7A. The smears were collected from the approximate center of each grid shown in Figure 4. The results of the smears sample analysis for removable alpha and beta activity are provided in Appendix D.

Table 5-7. Alpha and Beta Removable Surface Activity Results (dpm/100 cm^2)

Measurement	Minimum	Maximum	Mean	Standard Deviation	Median	Number of Measurements
Alpha Systematic	-0.4	11.4	0.3	1.94	-0.4	176
Beta Systematic	-102	127	-8.1	37.1	-9.8	176

Only 176 smear sample counts were reported. No counts were provided for the smear from grid location P8. Smears were not collected from the 3 bias locations and 4 systematic locations investigated on September 8, 2021. The missing data were not identified until after site renovation was complete and collection of a replacement smear was not possible. The lack of removable activity data for these 8 locations does not result in the investigation of removable activity on the concrete pedestal being incomplete. The surface of the pedestal was newly exposed by cutting approximately 12 inches of concrete from the top of the pedestal. The newly exposed surface had

been power washed to remove any loose material, so the potential presence of removable radioactivity was unlikely. The average removable activity from the 176 smear samples that were collected was approximately zero for both alpha and beta activity. The results from the 8 locations where smears were not collected were expected to be close to zero removable activity as well.

5.3.4 SU 7A Pedestal Drain Investigation

Following removal of the top of the concrete pedestal, and investigation of the pedestal drains was performed. On August 5, 2021 four smear samples were collected from the remaining drains on the pedestal. The results of all four smears samples showed alpha removable activity less than 20 dpm/100 cm^2 and beta removable activity consistent with background. The results of the drain investigation are provided in Appendix D.

5.4 GAMMA WALKOVER SURVEYS

A 100% gamma walkover survey was performed over accessible areas within each survey unit in accordance with MARSSIM guidance for Class 1 areas. The purpose of the gamma walkover survey is to identify areas of elevated gamma radiation for further investigation. The sides of the excavations were too steep and could not be safely accessed on foot. These areas were accessed from a manlift using the same distance between survey rows and height of the detector above the ground surface used for walkover surveys, but with a slower scan speed to ensure 100% coverage.

After completion of the gamma walkover survey, the data were downloaded from the DGPS receiver data/logger into a PC file and entered into a geospatial software program. Each SU data set was processed to calculate the mean and standard deviation, and a z-score was generated for each one-second gamma measurement. The resulting z-scores were presented on a posting plot showing the location of scan results more than three standard deviations above the mean to assist in determining locations for additional investigation.

5.4.1 SU 7A Concrete Pedestal

Gamma walkover surveys were performed on the concrete pedestal surface on August 7, 12, 14, 18, 25, and 30, 2021. The trench cut into the surface of the pedestal during demolition was partly filled with water and inaccessible for gamma walkover measurements. Table 5-8 summarizes the gamma walkover survey results in SU 7A. The posting plot of the z-scores is shown in Figure 5. The results of the gamma walkover survey are provided in Appendix E.

Table 5-8. SU 7A Gamma Walkover Survey Results

Minimum	Maximum	Mean	Standard Deviation (σ)	Mean + 3σ	Number of Measurements
8,040 cpm	25,140 cpm	12,154 cpm	1,418 cpm	16,408 cpm	4,365

The number of gamma walkover survey measurements indicates approximately 30 one-second counts per square meter of surface for the concrete pedestal. The average scan speed was slower than the 0.5 m/sec maximum scan speed specified in the FSP, which would have resulted in 4 to 5 one-second counts per square meter. The gamma walkover survey coverage in SU 7A covered 100% of the accessible area and met the objectives of the FSS.

Two locations with elevated gamma results were identified for additional investigation:

- Grid G3/G4 – maximum gamma walkover reading in small area of elevated activity, and
- Grid I4 – small area of elevated gamma activity.

Concrete core samples collected to investigate these areas of elevated gamma radiation are discussed in Section 5.5.1.

5.4.2 SU 7B Silencer Excavation

Gamma walkover surveys were performed in the Silencer excavation on August 6, 7, 9, 10, 11, 12, 13, 14, 16, 18, 23, 24, 25, and September 1, 2021. There were no areas in SU 7B inaccessible for gamma walkover surveys. Surveys of the north, south, and east excavation walls were performed using the manlift because these areas were not safe to access on foot. Table 5-9 summarizes the gamma walkover survey results in SU 7B. The posting plot of the z-scores is shown in Figure 8. The results of the gamma walkover survey are provided in Appendix E.

Table 5-9. SU 7B Gamma Walkover Survey Results

Minimum	Maximum	Mean	Standard Deviation (σ)	Mean + 3σ	Number of Measurements
5,400 cpm	25,440 cpm	10,435 cpm	1,462 cpm	14,821 cpm	14,149

The number of gamma walkover survey measurements indicates approximately 43 one-second counts per square meter of surface for the Silencer excavation. The average scan speed was slower than the 0.5 m/sec maximum scan speed specified in the FSP, which would have resulted in 4 to 5 one-second counts per square meter. The gamma walkover survey coverage in SU 7B covered 100% of the accessible area and met the objectives of the FSS.

Two locations with elevated gamma results were identified for additional investigation:

- Northeast corner inside the trench box near the former sump location, and
- Maximum gamma walkover result at the top of the south excavation wall.

Bias soil samples collected to investigate these areas of elevated gamma radiation are discussed in Section 5.5.2.

5.4.3 SU 7C Stormwater Collection System

Gamma walkover surveys were performed in SU 7C on August 7, 9, 10, 13, 14, 21, 26, 30, and September 1, 2021. There were no areas in SU 7C inaccessible for gamma walkover surveys. Table 5-10 summarizes the gamma walkover survey results in SU 7C. The posting plot of the z-scores is shown in Figure 10. The results of the gamma walkover survey are provided in Appendix E.

Table 5-10. SU 7C Gamma Walkover Survey Results (cpm)

Minimum	Maximum	Mean	Standard Deviation (σ)	Mean + 3σ	Number of Measurements
6,840 cpm	33,840 cpm	11,168 cpm	1,446 cpm	15,507 cpm	4,888

The number of gamma walkover survey measurements indicates approximately 35 one-second counts per square meter of surface. The average scan speed was slower than the 0.5 m/sec maximum scan speed specified in the FSP, which would have resulted in 4 to 5 one-second counts per square meter. The gamma walkover survey coverage in SU 7C was 100% of the accessible area and met the objectives of the FSS.

Two locations with elevated gamma results were identified for additional investigation:

- South edge of the drainpipe excavation along the north edge of the pedestal, and
- Maximum gamma walkover result near the location of the removed abandoned pipe.

Systematic and bias soil samples collected to investigate these areas of elevated gamma radiation are discussed in Section 5.5.3.

5.4.4 SU 7D Radiation Control Area

Gamma walkover surveys were performed in soil areas in SU 7D on August 6, 7, 9, 10, 11, 12, 13, 14, 18, 20, 21, 23, 24, 25, 26, 30, 31, and September 1, 2021. Gamma walkover surveys were performed on the asphalt surface east of the pedestal on August 9, 2021. A small pumping station at the top of the north wall of the Silencer excavation was inaccessible for gamma walkover survey. The stormwater collection tank excavation south wall east of the pedestal was too steep to scan on foot and was also difficult to access with the manlift. Gamma walkover surveys were not performed in these two inaccessible areas. Table 5-11 summarizes the gamma walkover survey results in SU 7D. The gamma walkover survey results for the soil areas are evaluated separately from the asphalt areas because of the potential for different background activities for the different materials being scanned. The posting plot of the z-scores is shown in Figure 12. The results of the gamma walkover survey are provided in Appendix E.

Table 5-11. SU 7D Gamma Walkover Survey Results (cpm)

Material	Minimum	Maximum	Mean	Standard Deviation (σ)	Mean + 3σ	Number of Measurements
Soil	4,680	18,540	11,506	1,410	15,734	40,812
Asphalt	7,020	14,640	10,085	845	12,621	3,446

The number of gamma walkover survey measurements indicates approximately 20 one-second counts per square meter of surface for the concrete pedestal. The average scan speed was slower than the 0.5 meters per second (m/sec) maximum scan speed specified in the FSP, which would have resulted in 4 to 5 one-second counts per square meter. The gamma walkover survey coverage in SU 7D covered 100% of the accessible area and met the objectives of the FSS.

Two locations with elevated gamma results were identified for additional investigation:

- Near the top of the Silencer excavation west wall, and
- Maximum gamma walkover result along the north side of the RCA outside the Silencer excavation.

Bias soil samples collected to investigate these areas of elevated gamma radiation are discussed in Section 5.5.4.

5.5 SAMPLE COLLECTION AND ANALYSIS

Soil samples were collected using Cabrera operating procedure (OP)-351, Surface Soil Sampling. Soil samples were collected using manual sampling tools; garden trowel, shovel. Surface soil samples were collected from 0 to 6 inches below ground surface, 6 to 12 inches below ground surface, and 18 to 24 inches below ground surface at each systematic and bias location.

Each soil sample was transferred into a 5 gal. bucket, where it was thoroughly mixed to homogenize the sampled media. Visually identifiable non-soil components such as stones, twigs, and foreign objects were manually separated in the field and excluded from the laboratory samples to avoid biasing results. The lead and mercury portion of each sample was cooled to 4 C during packaging and shipping of the samples to the laboratory. All sampling equipment, mixing utensils, and homogenizing bowls were decontaminated as described in Cabrera OP-373, Field Equipment Decontamination.

Concrete samples were collected as described in Cabrera OP-313, Concrete Core Sampling. Concrete samples were obtained using a concrete coring drill. Instead of a single 3-inch diameter core described in the FSP, five 2-inch diameter cores approximately 2-inches deep were co-located at each sample location to provide sufficient sample material to perform all requested laboratory analyses.

Sample containers were marked to show the sample identification number, date, and time the sample was collected, requested analyses, and the initials of the person collecting the sample. Samples were collected in accordance with applicable chain of custody procedures as described in the project UFP-QAPP.

Samples were analyzed for all radionuclides of concern listed in Table 3-1 in accordance with approved analytical procedures provided in the UFP-QAPP (OFJV 2020b). The results of the sample analyses were used to support exposure pathway modeling as described in Section 7.0. Laboratory reports documenting the sample analyses are provided in Appendix A of the Closeout Report and summarized in Appendix C of this report.

5.5.1 SU 7A Concrete Pedestal

Concrete samples were collected from the exposed surface of the pedestal to investigate the potential presence of residual radioactivity from the radionuclides of concern. Concrete samples were collected after total and removable surface activity measurements were completed from six systematic locations on the pedestal.

Five systematic concrete core samples were collected in SU 7A on August 28, 2021. The FSP (OFJV 2020a) specified a sixth systematic concrete core sample would be collected on the slope on the west side of the pedestal. This area was removed during demolition and was not available for sampling.

Two bias concrete core samples were collected on August 28, 2021. One bias sample location (SU7A-B01) was used to investigate the area of maximum gamma activity identified in Grids G3 and G4 by the gamma walkover survey. The second bias location (SU7A-B02) was used to investigate the trench that was inaccessible for gamma walkover survey. Most of the water in the trench was removed to provide access for concrete core sampling.

The locations of the systematic and bias concrete core samples in SU 7A are shown in Figure 7. The results of the concrete core sample analyses are summarized in Section 5.6.

5.5.2 SU 7B Silencer Excavation

Soil samples were collected from the bottom of the Silencer excavation as well as from the north slope, south slope, and east slope of the Silencer excavation to investigate the potential presence of residual radioactivity from the radionuclides of concern.

Soil samples were collected from three sample depths at 16 systematic locations in SU 7B on August 12, 13, 17, and 18, 2021. Soil samples were collected from three sample depths at two bias locations on August 26, 2021. The two bias locations were selected to investigate the two areas of elevated gamma activity identified by the gamma walkover survey.

The locations of the systematic and bias soil samples collected in SU 7B are shown in Figure 9. The results of the soil sample analyses are summarized in Section 5.6.

5.5.3 SU 7C Stormwater Collection System

Soil samples were collected from the bottom of the Stormwater Collection System excavation to investigate the potential presence of residual radioactivity from the radionuclides of concern.

Soil samples were collected from three sample depths at 16 systematic locations in SU 7C on August 18, 19, and 20, 2021. Systematic location SU 7C-S07 was used to investigate the maximum gamma activity result from the gamma walkover survey.

Soil samples were collected from three sample depths at two bias locations on August 26, 2021. One bias location was selected to investigate the elevated gamma results from the gamma walkover survey along the north edge of the pedestal. The second bias location was selected to investigate the next highest reading from the gamma walkover survey.

The locations of the systematic and bias soil samples collected in SU 7C are shown in Figure 11. The results of the soil sample analyses are summarized in Section 5.6.

5.5.4 SU 7D Radiation Control Area

Soil samples were collected from the remaining impacted areas inside the RCA to investigate the potential presence of residual radioactivity from the radionuclides of concern.

Soil and asphalt samples were collected from two systematic locations and two bias locations in the asphalt covered area east of pedestal on August 11, 2021. Samples of the asphalt were removed to provide access to the underlying soil. A sample of asphalt and three soil samples from separate depth intervals were collected at each location. The two bias locations were identified based on professional judgment to provide sufficient data to describe radiological conditions in the asphalt area.

Soil samples were collected from three sample depths at the remaining 14 systematic locations in SU 7D on August 24, 25, and 26, 2021. A solid object was encountered between 12 and 18 inches below ground surface at systematic location SU 7D-S14 southwest of the pedestal that prevented collecting a soil sample from the 18 to 24-inch depth interval. Systematic location SU 7D-S07 was collected in the area south of the stormwater collection tank excavation inaccessible for gamma walkover surveys.

Soil samples were collected from three sample depths at three bias locations on August 24, 26, and September 2, 2021. Two bias locations were selected to investigate the two areas of elevated gamma activity identified by the gamma walkover survey (Section 5.4.4). The final bias location was selected to investigate the pea gravel surrounding the stormwater collection tank to investigate the potential for residual radioactivity from the tank to be present in soils outside the trench box.

The locations of the systematic and bias soil samples collected in SU 7D are shown in Figure 13. The results of the soil sample analyses are summarized in Section 5.6.

5.6 SUMMARY OF SAMPLE ANALYTICAL RESULTS

Soil and concrete samples were analyzed for the radionuclides of concern listed in Table 3-1 in accordance with approved analytical procedures provided in the UFP-QAPP (OFJV 2020b). Summary statistics for the radionuclides of concern from the HFBR ROD (BNL 2009) are provided in Table 5-12 for Sr-90, Table 5-13 for Cs-137, and Table 5-14 for Ra-226. Table 5-15 provides summary statistics for H-3, which was detected throughout SU 7A. Table 5-16 provides summary statistics for U-238, which was detected in almost every sample analyzed. Not all radionuclides were detected in every SU. Analytical results for all radionuclides of concern are provided in Appendix C.

Table 5-12. Summary Statistics for Sr-90 Analytical Results (pCi/g)

SU	Minimum	Maximum	Mean	Median	Standard Deviation	Number of Measurements
SU 7A	-0.0317	7.52	1.642	0.372	2.786	7
SU 7B	-0.179	0.616	0.169	0.16	0.167	54
SU 7C	-0.173	0.567	0.071	0.0675	0.152	54
SU 7D	-0.193	0.48	0.0994	0.0825	0.143	66

Table 5-13. Summary Statistics for Cs-137 Analytical Results (pCi/g)

SU	Minimum	Maximum	Mean	Median	Standard Deviation	Number of Measurements
SU 7A	-0.0529	4.05	0.667	0.00207	1.515	7
SU 7B	-0.0509	0.812	0.0811	0.0241	0.153	54
SU 7C	-0.0439	0.292	0.0609	0.0251	0.0782	54
SU 7D	-0.0495	0.537	0.064	0.0247	0.126	66

Table 5-14. Summary Statistics for Ra-226 Analytical Results (pCi/g)

SU	Minimum	Maximum	Mean	Median	Standard Deviation	Number of Measurements
SU 7A	0.102	0.562	0.363	0.41	0.171	7
SU 7B	-0.0244	1.06	0.251	0.259	0.171	54
SU 7C	0.0526	0.688	0.307	0.311	0.127	54
SU 7D	0.0589	0.843	0.343	0.337	0.155	66

Table 5-15. Summary Statistics for H-3 Analytical Results (pCi/g)

SU	Minimum	Maximum	Mean	Median	Standard Deviation	Number of Measurements
SU 7A	0.513	149	38.74	37.6	52.08	7
SU 7B	-0.224	11.3	0.296	0.0914	1.533	54
SU 7C	-0.367	0.18	-0.0283	0	0.138	54
SU 7D	-0.195	0.458	0.0782	0.0957	0.129	66

Table 5-16. Summary Statistics for U-238 Analytical Results (pCi/g)

SU	Minimum	Maximum	Mean	Median	Standard Deviation	Number of Measurements
SU 7A	0.18	0.333	0.247	0.232	0.054	7
SU 7B	0.0319	0.745	0.188	0.179	0.119	54
SU 7C	0.0881	0.423	0.216	0.214	0.0674	54
SU 7D	0.053	0.684	0.263	0.25	0.118	66

6.0 FINAL STATUS SURVEY DATA EVALUATION

The evaluation of FSS data was performed as described in the FSP (OFJV 2020a) and included:

- Data validation (Section 6.1),
- Review of DQOs (Section 3.3),
- Preliminary data review using exploratory data analysis (Section 6.2),
- Direct comparison with cleanup goals (Section 6.3), and
- Statistical tests (Section 6.4).

6.1 RADIOLOGICAL DATA VALIDATION

Data validation of analytical laboratory results was performed using the requirements listed in the UFP-QAPP (OFJV 2020b) and the Consolidated Quality Systems Manual (QSM, DoD/DOE 2018).

Radionuclides that were not detected were qualified with a "U" flag by the analytical laboratory. All results assigned a "U" flag by the laboratory were maintained during data validation. No additional "U" flags were assigned during data validation to identify radionuclides that were not detected. Initial laboratory reports (see Closeout Report Appendix A) include "U" flags assigned based on the minimum detectable concentration instead of the critical level. Revised electronic data deliverables were provided with "U" flags assigned based on the critical level as described in a letter from the laboratory provided in Appendix F. Analytical data assigned a "U" flag represent a normal usable result.

A "Q" flag was assigned during data validation to analytical results where the combined standard uncertainty exceeded the FSS project objectives. The most common cause for assignment of a "Q" flag was an instrument background or source check outside control limits either before or after a measurement was performed. A "Q" flag was also assigned to a batch of results if the laboratory control sample (LCS) recovery was outside acceptable limits. Analytical data assigned a "Q" flag represent a usable result.

A "J" flag was assigned during data validation to analytical results that are unusually uncertain or estimated. The most common cause for assignment of a "J" flag was a carrier or tracer recovery outside acceptable limits. Analytical data assigned a "J" flag represent a usable result.

A "B" flag was assigned during data validation to analytical results associated with a blank result outside acceptable limits. The most common cause for assignment of a "B" flag was a method blank (MB) greater than three times the reported total uncertainty. Analytical data assigned a "B" flag represent a usable result.

A "R" flag assigned during data validation indicates quantitative or qualitative problems so severe the data are rejected and cannot be used for their intended purpose. No laboratory analytical data were assigned an "R" flag.

Data validation was also performed on field data, including gamma walkover survey data, alpha and beta direct measurements, and alpha and beta smear measurements. Validation of field data did not include assignment of flags. All field data collected during the FSS were determined to be usable except eight direct measurements performed using the Ludlum 43-93 on September 8, 2021. While these results could not be used for the intended purpose of demonstrating compliance with the project cleanup criteria, the results f the measurements still supported the conclusions drawn from the FSS. The data validation report is provided in Appendix F.

6.2 EXPLORATORY DATA ANALYSIS

Exploratory data analysis is a process of reviewing data to learn about the structure of the data by identifying patterns, relationships, or potential anomalies. The exploratory data analysis performed on the FSS data included calculation of statistical quantities, a graphical data review to assist in visually identifying patterns or anomalies, and statistical tests to formally compare survey data against a specific criterion.

Exploratory data analysis begins by dividing the available data into data sets of comparable information for evaluation. MARSSIM states that FSS decisions are made for each SU, so all data are divided by SU whenever possible. Separate data sets were identified for each type of field measurement for each applicable SU, including gamma scan, beta scan, alpha direct, beta direct, alpha smear, and beta smear. In addition, a separate data set was developed for each radionuclide of concern for each SU. Each data set was evaluated separately.

Summary statistics were calculated for each data set. At a minimum, summary statistics included the mean, median, standard deviation, minimum, and maximum value. For laboratory analytical data sets where at least one result represented a detected value (i.e., at least one value did not receive a "U" flag from data validation) the 95% UCL was calculated for the data set for use in calculating dose estimates (see Section 7.0). Laboratory analytical data sets for radionuclides of concern listed in the HFBR ROD (BNL 2009) including Sr-90, Cs-137, and Ra-226, or naturally occurring radionuclides of concern including U-235 and U-238 had BTVs calculated. BTVs represents the largest concentration of a radionuclide that is consistent with background.

The results of the exploratory data analysis, including graphical representations of different data sets, are provided in Appendix G.

6.2.1 Concrete Reference Background Area

Core samples from the concrete RBA were analyzed for Sr-90, Cs-137, Ra-226, U-235, and U-238. The review of the graphical representations of the concrete RBA data showed all radionuclides of concern produced symmetrical data sets and no outliers were identified for any radionuclide. The range of activities for naturally occurring radionuclides in the RBA were consistent with the range of concentrations for natural background provided in Appendix B of MARSAME (EPA 2009). The results of the concrete RBA sample analyses are provided in Appendix C.

The concrete RBA was also used to provide alpha and beta background data for direct measurements on the concrete pedestal. The alpha and beta direct measurement counts in the RBA appear to be normally distributed. An evaluation of the direct measurement results from SU 7A indicates approximately half the direct measurement results for alpha and beta activity are above zero, while the other half are below zero. This indicates the concrete RBA is reasonably consistent with the background activity associated with the concrete pedestal. The results of the RBA direct measurements are provided in Appendix D.

6.2.2 Soil Reference Background Area

Surface soil samples from the soil RBA were analyzed for Sr-90, Cs-137, Ra-226, U-235, and U-238. The review of the graphical representations of the concrete RBA data showed all radionuclides of concern produced symmetrical data sets and no outliers were identified for any radionuclide. The range of activities for naturally occurring radionuclides in the RBA were consistent with the range of concentrations for natural background provided in Appendix B of

MARSAME (EPA 2009). The results of the soil RBA sample analyses are provided in Appendix C.

6.2.3 SU 7A Concrete Pedestal

The results of the exploratory data analysis for SU 7A identified elevated results for H-3, Sr-90, and Cs-137. Analytical results for Ra-226, U-235, and U-238 were consistent with the RBA results. One sample reported Co-60 as detected, but the concentration was not significantly greater than the results reported as not detected. Analytical results for all other radionuclides of concern were reported as not detected. The maximum sum of fractions result was 1.29 for sample FSS-171-082821 collected from location SU7A-B01 with the highest gamma walkover survey result on the pedestal. The next highest sum of fractions value was 0.49 for FSS-172-082821 collected from the bottom of the trench. Tables of analytical results for samples collected in SU 7A are provided in Appendix C.

A beta scan survey of surface activity was performed over accessible areas of the pedestal. The trench contained several inches of water and was inaccessible for beta scan measurements. The slope on the western edge of the pedestal led to a drop off with no safety railing, so the slope on the western edge of the pedestal was inaccessible for beta scan measurements for safety reasons. The review of the graphical representations of the beta scan data showed the beta surface scan results produced a symmetrical data set with a limited number of outliers. Outliers were investigated using concrete core samples or bias direct measurements.

Direct measurements were performed at systematic and bias locations for alpha and beta activity. The review of the graphical representations of the alpha and beta direct measurement results showed the alpha and beta surface activity results produced symmetrical data sets with no significant outliers. The bias direct measurement results were rejected because the instrument quality control performance checks were not performed the day the data were collected. The rejected direct measurement data were not usable for evaluation of dose or compliance with project cleanup goals, but the rejected data were consistent with other direct measurement results collected as part of the FSS. The results of all alpha and beta direct measurements are provided in Appendix D.

Smear samples were collected from systematic locations where direct measurements were performed and counted for removable alpha and beta activity. The review of the graphical representations of the smear sample results produced symmetrical data sets with no significant outliers. The results of the smear sample analyses for alpha and beta removable activity are provided in Appendix D.

6.2.4 SU 7B Silencer Excavation

The laboratory analytical results showed Ra-226, U-234, and U-238 were detected in more than 75% of the samples collected. The review of the graphical representations of the SU 7B soil sample results produced symmetrical data sets consistent with the RBA results for these radionuclides. Cs-137 was detected in approximately one third of the samples, including all three sample depths at both soil bias sample locations. One sample was identified as an outlier for both H-3 and Ni-63. Sample FSS-046-081721 was collected from 18 to 24 inches below ground surface at systematic location SU 7B-S02. This sample location was in the northwest corner inside the trench box at the deepest part of the Silencer excavation. There were no other outliers or significant detections of radioactivity in SU 7B. The highest sum of fractions value was 0.70 for sample FSS-156-082621. This sample was collected from 0 to 6 inches below ground surface at the bias location inside the

trench box identified based on the gamma walkover survey results, SU 7B-B01. The results of the soil sample laboratory analyses are provided in Appendix C.

6.2.5 SU 7C Stormwater Collection System

The laboratory analytical results showed Ra-226, U-234, and U-238 were detected in more than 85% of the samples collected. The review of the graphical representations of the SU 7C soil sample results produced symmetrical data sets consistent with the RBA results for these radionuclides. Cs-137 was detected in approximately one third of the samples. There were no outliers or significant detections of radioactivity in SU 7C. The highest sum of fractions value was 0.29 and occurred in two soil samples, as follows: Sample FSS-093-081921 was collected from systematic location SU 7C-S08 at 18 to 24 inches below ground surface. Sample FSS-168-082621 was collected from bias location SU 7C-B02 at 0 to 6 inches below ground surface. The results of the soil sample laboratory analyses are provided in Appendix C.

6.2.6 SU 7D Radiation Control Area

The laboratory analytical results showed Ra-226, U-234, and U-238 were detected in more than 90% of the samples collected. The review of the graphical representations of the SU 7D soil sample results produced symmetrical data sets consistent with the RBA results for these radionuclides. Cs-137 was detected in approximately one third of the samples. There were no outliers or significant detections of radioactivity in SU 7D. The highest sum of fractions value was 0.37 and occurred in two soil samples collected from the location near the top of the west wall of the Silencer excavation based on the gamma walkover survey results, as follows: Sample FSS-178-090221 was collected from 0 to 6 inches below ground surface, and sample FSS-179-090221 was collected from 6 to 12 inches below ground surface at bias location SU 7D-B02. The results of the soil sample laboratory analyses are provided in Appendix C.

6.3 DIRECT COMPARISON

The direct comparison evaluates each result against the corresponding cleanup goal listed in Table 3-1 to identify areas of contamination requiring additional investigation or explanation. The only result from the FSS that exceeded the 10 mrem/y ALARA cleanup goal was the sum of fractions for the concrete core sample collected from the area of elevated activity on the pedestal with a value of 1.28 compared with a cleanup goal of 1.0 (Sample FSS-171-082821, location SU 7A-B01). The sum of fractions for this sample based on the 15 mrem/yr cleanup goals from the HFBR ROD was 0.85 and demonstrated compliance with the ROD values. No individual analytical result for a radionuclide of concern exceeded the corresponding cleanup goal based on the 10 mrem/yr ALARA limit listed in Table 3-1. No direct measurement result or removable activity result exceeded the corresponding cleanup goal based on the BNL Radiological Control Manual (BNL 2020) surface contamination values for unrestricted release of material, equipment, and property. Tritium associated with the concrete pedestal was evaluated based on dose estimated from volumetric samples and was not considered as part of the evaluation of surface contamination.

6.4 STATISTICAL TESTS

The FSP specifies using the WRS statistical test to compare SU data sets with RBA data sets. The purpose of the test is to determine if the residual radioactivity in the SU exceeds the RBA activity by more than the cleanup goal. The test is applied to the sum of fraction values based on the

analytical results for radionuclides of concern with radionuclide-specific dose based cleanup goals corresponding with the 10 mrem/yr ALARA goal.

MARSSIM Table 8.2 states the results of the WRS test will show the SU obviously meet the release criterion (or cleanup goal) if the difference between the largest survey unit measurement and the smallest reference area measurement is less than the cleanup goal. The smallest RBA sum of fraction result cannot be less than 0. All sum of fraction values for systematic sample results from SU 7A, SU 7B, SU 7C, and SU 7D are less than 1.0 so all four SUs demonstrated compliance with the 10 mrem/yr ALARA goal, and the WRS test results are not required. A retrospective power curve was constructed for SU 7A to determine if the limited number of systematic samples was sufficient to support a decision concerning the radiological status of the concrete pedestal. The retrospective power for the 5 systematic samples collected in SU 7A and the 6 concrete RBA samples was 1.0 and exceeded the planned power of 0.95.

For SU 7A, the maximum sum of fractions at a bias location is 1.28, and the minimum sum of fractions for the concrete RBA added to the cleanup goal of 1.0 is 1.09. The WRS test was performed to determine if the sum of fractions values for all FSS samples collected in SU 7A exceed the sum of fraction values for the RBA by more than 1.0.

The WRS test was performed using all seven sum of fraction results from SU 7A, including the two bias results. The critical value for the WRS test is 54, and the test statistic (i.e., the sum of the Reference Area ranks) from the WRS test is 57. Since the test statistic exceeds the critical value, the null hypothesis that assumes the SU exceeded the cleanup goal was rejected. The retrospective power for the WRS test was calculated as 0.76, which is less than the planned power of 0.95. The decrease in power results from the increased standard deviation associated with the SU sum of fraction values and the conservative step of including biased results in the WRS Test.

The results of the WRS test and the retrospective power curves are provided in Appendix G.

7.0 EXPOSURE PATHWAY MODELING

Dose estimates were calculated using the Residual Radioactivity (RESRAD) exposure pathway model, Version 7.2.

7.1 EXPOSURE SCENARIOS AND PATHWAYS

Two exposure scenarios were used to evaluate the FSS results against the HFBR ROD requirements, an industrial worker scenario and a residential scenario.

The industrial worker scenario applies to an industrial worker with no decay time (Year=0) and covers current workers at the site. The exposure pathways considered as part of the industrial scenario include exposure to external radiation, inhalation of airborne radioactivity, soil ingestion, and drinking water ingestion.

The residential scenario applies to non-farmer future residents following 50 years of institutional controls by DOE (Year=50) and covers potential future occupants of the site. The exposure pathways considered as part of the residential scenario include the same pathways evaluated for the industrial worker scenario: exposure to external radiation, inhalation of airborne radioactivity, soil ingestion, and drinking water ingestion. In addition, the non-farmer resident scenario includes a plant ingestion pathway.

Both the residential and industrial scenarios were used to calculate a dose for each SU. In addition, bias concrete sample SU7A-B01 was modeled as an area of elevated activity. The elevated area model conservatively assumed the activity from the bias sample was uniformly distributed throughout the entire concrete pedestal and approximately 2.5 meters of soil beneath the pedestal. The actual area of elevated activity associated with sample SU7A-B01 appears to be approximately one square meter or less based on the gamma walkover survey (Figure 5) and the beta scan survey (Figure 6). The results of the pre-demolition characterization and measurements performed during the remedial activities on the pedestal indicated the concentrations of residual radioactivity decreased with depth. The residual radioactivity identified during remedial activities also appeared to be associated with preferential migration pathways provided by small cracks in the concrete pedestal so the assumption of uniform distribution over a larger volume would be conservative.

All scenarios consider ingestion of groundwater with a dose limit of 4 mrem/yr from the water ingestion pathway.

7.2 SELECTION OF MODEL PARAMETERS

Previous investigations of the HFBR and AOC 31 included exposure pathway modeling using RESRAD Version 6.5 (BNL 2011a, BNL 2011b, BNL 2012). Model parameter values for this FSSR were selected to match the previous modeling as closely as possible. Model parameters not specifically mentioned in the following sections used the RESRAD default values.

Portions of the concrete pedestal will remain in place, and the criteria for cleanup was the same as that for soil (see Table 3-1). The radionuclides in concrete are expected to be at least as tightly bound to the concrete as the radionuclides in soil; therefore, the release of radioactive materials from concrete will be similar (or slower) than that from soil (BNL 2010). The same modeling parameters were used for concrete and soil.

7.2.1 Dose Conversion Factor

Dose conversion factors used for calculating dose were taken from Federal Guidance Report No. 11 (EPA 1988) and Federal Guidance Report No. 12 (EPA 1993).

7.2.2 Radionuclide Concentration

Radionuclide concentrations were developed for each SU based on the reported analytical laboratory results. A radionuclide of concern was included if at least one sample collected from that SU detected that radionuclide at a concentration exceeding background. The RBA average values were calculated for naturally occurring radionuclides of concern Ra-226, U-235, and U-238. The RBA average values were subtracted from the SU values for naturally occurring radionuclides for each naturally occurring radionuclide of concern. The 95% upper confidence level of the mean (95% UCL) was calculated for each detected radionuclide for each SU using all sample results for that SU, even results identified as not detected and samples collected from bias locations. The 95% UCL calculations accounted for the presence of results identified as not detected. If less than four results in a data set were identified as detected (i.e., did not receive a "U" flag during data validation) the median of the reported values was assigned as the 95% UCL.

The 95% UCL was used as the modeled concentration for each detected radionuclide. EPA's ProUCL software, Version 5.1, was used to calculate all 95% UCL values. Table 7-1 lists the radionuclide of concern concentrations used in the RESRAD model calculations for each SU. The concentration in Table 7-1 is assumed to be uniformly distributed throughout the SU to a depth of 5 meters.

Table 7-1. Radionuclide Concentrations Used in RESRAD Modeling

Radionuclide of Concern	SU 7A 95% UCL (pCi/g)	SU 7B 95% UCL (pCi/g)	SU 7C 95% UCL (pCi/g)	SU 7D 95% UCL (pCi/g)
H-3	261.1	2.298	0	-0.133
C-14	1.036	-0.222	-0.0221	-0.4
Na-22	ND	0.0193	-0.0388	-.037
Co-60	0.015	-0.0304	-0.033	-.0278
Ni-63	0.54	3.48	0.625	0.398
Sr-90	3.812	0.183	-0.00938	-0.0119
Cs-137	0.00207	0.0867	0.0499	0.206
Eu-152	0.0924	0.0749	0.0278	0.147
Eu-154	0.0533	0.0384	0.0456	0.101
Eu-155	ND	0.0106	ND	ND
Ra-226	0.23	-0.0189	-0.179	0.0215

Radionuclide of Concern	SU 7A 95% UCL (pCi/g)	SU 7B 95% UCL (pCi/g)	SU 7C 95% UCL (pCi/g)	SU 7D 95% UCL (pCi/g)
U-234	0.0368	-0.155	-0.155	-0.0699
U-235	0.0153	-0.0246	0.0139	-0.00977
U-238	0.0368	-0.125	-0.153	-0.097
Pu-238	-0.00629	-0.0934	-0.0206	-0.0323
Pu-239	-0.00121	-0.0164	-0.0195	-0.0172
Pu-241	ND	-3.283	0.154	-3.105
Am-241	ND	0.0329	0.0167	-0.025

ND = Not Detected by the Analytical Laboratory, not included in dose calculation

SU 95% UCL concentration less than zero not included in dose calculation

The summary statistics for the soil and concrete RBAs are listed in Table 5-2 and Table 5-3, respectively. The only radionuclides of concern adjusted for background using the RBA data are naturally occurring and are limited to Ra-226, U-234 (assumed to be in secular equilibrium with U-238), U-235, and U-238.

Sample 7A-B01 (FSS-171-082821) resulted in a SOR greater than 1.0 based on the ALARA cleanup goals for Sr-90 and Cs-137 listed in Table 3-1. The dose associated with the detected concentrations for this samples was calculated using RESRAD assuming the concentrations were uniformly distributed throughout SU 7A. Tritium (41.2 pCi/g), C-14 (1.16 pCi/g), Ni-63 (1.01 pCi/g), Sr-90 (7.52 pCi/g), Cs-137 (4.05 pCi/g), Eu-154 (0.0801 pCi/g), Ra-226 (0.272 pCi/g above the RBA), U-235 (0.0008 pCi/g above the RBA), and U-238 (0.059 pCi/g above the RBA) were the radionuclides detected by the analytical laboratory that also exceeded the RBA values.

7.2.3 Distribution Coefficient

The distribution coefficient, K_d, is the ratio of the mass of solute species adsorbed or precipitated on the solids per unit of dry mass of the soil, S, to the solute concentration in the liquids, C. The distribution coefficient represents the partition of the solute in the soil matrix and soil water, assuming that equilibrium conditions exist between the soil and solution phases. This parameter is a chemical characteristic specific to each element.

The K_d values recommended for use in RESRAD (ANL 2015) are based on soil type. The soil type encountered during D&D of the HFBR Stack based on visual observation of the material present in the excavation is sandy soil. The K_d values selected for the dose calculations are the lower (i.e., more conservative, result in higher concentrations in groundwater and increased mobility) value of the value recommended for sandy soil (Table 2.13.9 in ANL 2015) and the default K_d value used in RESRAD (Table 2.13.10 in ANL 2015). Table 7-2 lists the K_d values used to calculate doses using RESRAD.

Table 7-2. Selected Distribution Coefficient (K_d) Values

Element	K_d Value (cm^3/g)	Source	Element	K_d Value (cm^3/g)	Source
Americium	20	Default	Nickel	130	Sand
Carbon	0	Default	Plutonium	400	Sand
Cesium	530	Sand	Radium	70	Default
Cobalt	260	Sand	Strontium	22	Sand
Europium	825	Default	Uranium	50	Default
Hydrogen	0	Default			

7.2.4 Site-Specific Parameter Values

Site-specific parameter values describe environmental conditions and physical characteristics specific to BNL. All site-specific parameter values were taken from RESRAD model inputs used to calculate dose for previous projects associated with the HFBR and AOC 31 (BNL 2011a, BNL 2011b, BNL 2012). Site-specific parameter values are listed in Table 7-3. The area of the contaminated zone is modeled as the actual survey unit area. The length parallel to aquifer flow is modeled as the square root of the actual area.

Table 7-3. Site-Specific Parameter Values

Parameter Name	Site-Specific	RESRAD Default
Area of Contaminated Zone (m^2)	SU 7A = 146 SU 7B = 327 SU 7C = 138 SU 7D = 1,543	10,000
Thickness of Contaminated Zone (m)	5	2
Length Parallel to Aquifer Flow (m)	SU 7A = 12 SU 7B = 18 SU 7C = 12 SU 7D = 39	100
Contaminated Zone Density (g/cm^3)	1.66	1.5
Contaminated Zone Total Porosity	0.33	0.4
Contaminated Zone Field Capacity	0.24	0.2
Contaminated Zone Hydraulic Conductivity (m/yr)	5,000	10
Contaminated Zone b Parameter	4.9	5.3
Average Annual Wind Speed (m/sec)	6.23	2

Parameter Name	Site-Specific	RESRAD Default
Evapotranspiration Coefficient	0.46	0.5
Precipitation (m/yr)	1.23	1
Irrigation (m/yr)	0.26	0.2
Saturated Zone Density	1.66	1.5
Saturated Zone Total Porosity	0.33	0.4
Saturated Zone Effective Porosity	0.24	0.2
Saturated Zone Hydraulic Conductivity (m/yr)	20,000	100
Saturated Zone b Parameter	4.9	5.3
Well Pump Intake Depth (m)	18	10
Hydraulic Gradient	0.0048	0.02
Unsaturated Zone Thickness (m)	0	4
Unsaturated Zone Density (g/cm^3)	1.66	1.5
Unsaturated Zone Total Porosity	0.33	0.4
Unsaturated Zone Effective Porosity	0.24	0.2
Unsaturated Zone b Parameter	4.9	5.3
Unsaturated Zone Hydraulic Conductivity (m/yr)	5,000	100
Inhalation rate (m^3/yr)	7,300	8,400
Shielding Factor, External Gamma	0.8	0.7
Soil Ingestion Rate (g/yr)	43.8	36.5
Drinking Water Intake (L/yr)	700	510
Mass Loading for Foliar Deposition (g/m^3)	1E-5	1E-4

7.3 MODELING RESULTS

The results of the RESRAD modeling to calculate dose for the industrial scenario (Year=0) and the residential scenario (Year=50) are listed in Table 7-4. The results are shown for each SU and for the area of elevated activity associated with sample SU 7A-B01 (FSS-171-082821).

Table 7-4. Results of Dose Calculations

Survey Unit	Scenario	Dose (mrem/yr)	Water Ingestion Dose (mrem/yr)
SU 7A	Industrial (Year=0)	2.4	0.26
	Residential (Year=50)	2.4	0.13
SU 7B	Industrial (Year=0)	0.75	0.0063
	Residential (Year=50)	0.17	0.023
SU 7C	Industrial (Year=0)	0.40	0.0073
	Residential (Year=50)	0.13	0.048
SU 7D	Industrial (Year=0)	1.6	0.00019
	Residential (Year=50)	0.57	0.019
SU 7A-B01*	Industrial (Year=0)	9.3	0.086
	Residential (Year=50)	5.5	0.12

* The dose calculation based on the small area of elevated activity at bias sample location SU7A-B01 on the concrete pedestal includes the conservative assumption the entire volume of the pedestal and approximately 2.5 meters of soil beneath the pedestal are uniformly contaminated at the concentrations measured in the bias sample.

The maximum projected dose to an industrial worker with no decay time (Year=0) is 9.3 mrem/yr for the elevated reading on the concrete pedestal. The maximum projected dose to a non-farmer resident after 50 years of institutional controls is 5.5 mrem/yr for the elevated reading on the concrete pedestal. The results of the RESRAD model outputs are provided in Appendix H.

All results of the dose assessment are below the dose objective of 15 mrem/yr established in the HFBR ROD. Furthermore, all results of the dose assessment are also below the ALARA goal of 10 mrem/yr. Finally, all results of the dose assessment are below the drinking water limit of 4 mrem/yr for the water ingestion pathway. Groundwater is the only source of drinking water considered in these dose calculations so the objective to evaluate the groundwater pathways has been achieved.

8.0 CONCLUSIONS AND RECOMMENDATIONS

8.1 CONCLUSIONS

Survey data collection activities were performed in a controlled, deliberate manner by trained individuals with calibrated instruments following written procedures and protocols. Data were recorded and reviewed, and documentation provided for review. Instrumentation capable of detecting the radiation types and energies of interest at the required MDCs were selected, calibrated, and maintained for survey data collection.

The maximum projected dose to an industrial worker with no decay time (Year=0) is 9.3 mrem/yr for the elevated reading on the concrete pedestal. The maximum projected dose to a non-farmer resident after 50 years of institutional controls is 5.5 mrem/yr for the elevated reading on the concrete pedestal.

All results of the dose assessment are below the dose objective of 15 mrem/yr established in the HFBR ROD. Furthermore, all results of the dose assessment are also below the ALARA goal of 10 mrem/yr. Finally, all results of the dose assessment are below the drinking water limit of 4 mrem/yr for the water ingestion pathway.

The surface of the concrete pedestal was evaluated against the criteria for the radionuclides of concern specified in the HFBR ROD (BNL 2009); Sr-90, Cs-137, and Ra-226. The direct measurements of alpha and beta surface activity performed on the concrete pedestal are below the surface contamination limits provided for these radionuclides in Table 3-1. The smear sample measurements of removable alpha and beta surface radioactivity associated with the concrete pedestal, including the embedded drain lines, are below the removable activity limits for these radionuclides listed in Table 3-1. The residual alpha and beta surface contamination associated with the concrete pedestal for these radionuclides of concern are below the BNL Radiological Control Manual (BNL 2020) surface contamination values used for unrestricted release of material, equipment, and property in accordance with DOE Order 458.1 (DOE 2020). Other radionuclides of concern listed in Table 3-1, including H-3 and Ni-63, were evaluated against the HFBR ROD criteria as part of the dose modeling.

8.2 RECOMMENDATIONS

The concrete pedestal and surrounding soil areas demonstrate compliance with the HFBR ROD (BNL 2009) requirements. The concrete pedestal also demonstrates compliance with surface contamination values for unrestricted release of material, equipment, and property in accordance with DOE Order 458.1 (DOE 2020). All areas are recommended to have 50 years of industrial use with institutional controls, followed by unrestricted use of the area.

9.0 INDEPENDENT VERIFICATION SURVEY

An independent verification survey was performed to generate radiological data for assessment and evaluation of the accuracy and adequacy of FSS design, implementation, and results for demonstrating compliance with the HFBR ROD requirements. The radiological independent verification contractor was provided with the FSS results to carry out an independent verification survey. The independent verification contractor was provided an opportunity to witness the FSS and sample collection activities. The independent verification contractor performed independent field measurements and collected independent samples to assist in the evaluation of the FSS results to verify the radiological status of the property.

9.1 INDEPENDENT VERIFICATION SURVEY RESULTS

The results of the independent verification survey identified H-3 activity throughout the concrete pedestal and recommended performing a dose assessment to account for the presence of radionuclides without a pre-authorized cleanup goal. The results of the FSS dose assessment including all detected radionuclides of concern are presented in Section 7.0.

In addition, the independent verification survey identified two locations on the concrete pedestal with sums of fractions exceeding unity (i.e., greater than 1.0). The verification contractor did not have access to area factors to perform an elevated measurement comparison. The FSS dose assessment presented in Section 7.0 conservatively assumes the FSS bias concrete sample with a sum of fractions exceeding unity (SU7A-B01) is uniformly distributed throughout the concrete pedestal and underlying soil (Section 7.1 and Table 7-4). Demonstrating compliance with the release criterion of 15 mrem/yr when the maximum concentration is used to represent the average concentration demonstrates additional areas of elevated activity are not likely to result in a dose that exceeds the release criterion.

9.2 SUPPLEMENTAL DOSE CALCULATION

Additional dose calculations were performed for SU 7A to evaluate contributions to total dose that included the results of the independent verification survey concrete sampling. The additional dose calculations were performed using a combined data set that included seven concrete samples collected during the FSS (five systematic and two bias) and three concrete samples collected during the independent verification survey (three bias).

The first set of dose calculations were based on results for all ten samples included in the combined data set. The 95% UCL values were calculated for each radionuclide with at least one sample that reported detected activity (i.e., H-3, C-14, Co-60, Ni-63, Sr-90, Cs-137, Eu-152, Eu-154, Ra-226, U-235, U-238). The activity was uniformly distributed through the entire concrete pedestal and 2.5 m of soil beneath the pedestal. The dose calculations were performed for the industrial and residential scenarios described in Section 7.1. The results of the dose calculations for the combined data set are presented in Table 9-1 and the RESRAD outputs are included in Appendix H. The results of these dose calculations are below the 15 mrem/yr dose limit from the HFBR ROD (BNL, 2009).

Table 9-1. Dose Calculations for the Combined FSS and Independent Verification Data Set

Data Set	Area	Industrial Scenario (Year=0)	Residential Scenario (Year=50)
Combine Data Set	146 m^2	13.4	9.2

A second set of dose calculations were performed using the combined data set from the FSS and independent verification survey. This set of calculations represent an elevated measurement comparison. An area of elevated activity was assigned to each sample reporting an elevated result, and the remaining sample results were used to calculate the average activity for the entire concrete pedestal. The dose associated with each area of elevated activity was added to the average dose for the entire concrete pedestal to estimate the total dose associated with the pedestal.

The determination a sample reported elevated results was based on the sum of fractions calculated based on the 10 mrem/yr ALARA goals listed in Table 3.1. A sample with a sum of fractions greater than unity (greater than 1.0) was identified as a sample reporting elevated activity. Three concrete samples were identified as reporting elevated results:

- FSS bias sample FSS-171-082821 (location SU7A-B01) with a sum of fractions of 1.29,
- Independent verification sample 5356M0001 with a sum of fractions of 1.14, and
- Independent verification sample 5356M0003 with a sum of fractions of 4.71.

The results of the gamma walkover survey shown in Figure 5 were used to assign a maximum area for each sample reporting elevated activity. Figure 5 shows two areas of elevated gamma activity in Grid I4 and between grids G3 and G4. The 3-foot by 3-foot grid overlaying the pedestal in Figure 5 clearly shows all areas of elevated gamma activity on the concrete pedestal have areas less than 1 square meter. The systematic beta direct measurements performed in each grid also support the determination areas of elevated beta activity could not be greater than 1 square meter. An area of 1 square meter was assigned to each of the three areas of elevated activity. The reported activity for each detected radionuclide of concern was uniformly distributed over one square meter to a depth of two meters, approximately the entire thickness of the concrete pedestal.

The remaining seven concrete samples with sums of fractions less than unity were used to evaluate the average dose for the concrete pedestal. The 95% UCL values were calculated for each radionuclide with at least one sample that reported detected activity. The activity was uniformly distributed through the entire concrete pedestal and 2.5 m of soil beneath the pedestal.

The results of the dose calculations for the average pedestal activity and each of the three areas of elevated activity are presented in Table 9-2, along with the total dose for the entire pedestal. The RESRAD output files are provided in Appendix H of this FSSR. The results of these dose calculations are below the 15 mrem/yr dose limit from the HFBR ROD (BNL, 2009).

Table 9-2. Dose Calculations Including Small Areas of Elevated Activity

Data Set	Area	Industrial Scenario (Year=0)	Residential Scenario (Year=50)
Average Activity	146 m^2	2.1	1.7
FSS-171-082821	1 m^2	1.2	0.47
5356M0001	1 m^2	1.2	0.48
5356M0003	1 m^2	4.2	1.4
Total		8.7	4.0

All dose calculations based on independent verification survey data combined with FSS data are less than 15 mrem/yr and demonstrate compliance with the requirements of the HFBR ROD (BNL 2009). Conservative assumptions were incorporated into multiple calculation approaches and scenarios to provide a reasonable upper bound on total dose associated with the concrete pedestal.

10.0 REFERENCES

ANL 2015. Data Collection Handbook to Support Modeling Impacts of Radioactive Material in Soil and Building Structures. Argonne National Laboratory, ANL/EVS/TM-14/4, September 2015.

BNL 2009. Final Record of Decision for Area of Concern 31 High Flux Beam Reactor, Brookhaven Science Associates, Environmental Restoration Projects, February 2009.

BNL, 2010, High Flux Beam Reactor Decommissioning Project, Field Sampling Plan, Building 705 (the Stack) and Remaining HFBR Outside Areas, prepared by Brookhaven National Laboratory, Environmental Restoration Projects, December 2010.

BNL, 2011a. Final Closeout Report, High Flux Beam Reactor Underground Utilities Removal Area of Concern 31, prepared by Brookhaven Science Associates for the U.S. Department of Energy, August 2011.

BNL, 2011b. Final Closeout Report, High Flux Beam Reactor Fan Houses (Building 704 and Building 802) Decontamination and Dismantlement (D&D), prepared by Brookhaven Science Associates for the U.S. Department of Energy, November 2011.

BNL, 2012. Final Closeout Report High Flux Beam Reactor Removal of the Stack Silencer Baffles and Final Status Survey for Remaining HFBR Outside Areas, Area of Concern 31, prepared by Brookhaven Science Associates for the U.S. Department of Energy, May 2012.

BNL, 2020. Radiological Control Manual Brookhaven National Laboratory, Revision 11, January 2020.

CDM, 1996. Final Remedial Investigation/Risk Assessment Report, Operable Unit I/VI, Volume 2B, Baseline Radiological Risk Assessment, CDM Federal Program, June 1996.

DoD/DOE 2018. Consolidated Quality Systems Manual (QSM) for Environmental Laboratories, Department of Defense (DoD), Department of Energy (DOE), D0D/DOE QSM 5.1.1, February 2018.

DOE, 2020. Radiation Protection of the Public and the Environment, DOE O 458.1, Change 4, September 15, 2020.

EPA, 1988. Limiting Values of Radionuclide Intake and Air Concentration and Dose Conversion Factors for Inhalation, Submersion, and Ingestion, Federal Guidance Report No. 11. EPA 520/1-88-020, September 1988.

EPA, 1993. External Exposure to Radionuclides in Air, Water, and Soil, Federal Guidance Report No. 12. EPA 402-R-93-081, September 1993.

EPA, 2000. Multi-Agency Radiation Survey and Site Investigation Manual (MARSSIM). EPA 402-R-97-016 Rev. 1, DOE/EH-0624 Rev. 1, NUREG-1575 Rev. 1, August 2000.

EPA, 2004. Multi-Agency Radiological Laboratory Analytical Protocols Manual (MARLAP). EPA 402-B-04-001A, NUREG-1576, NIST PB2004-105421, July 2004.

EPA, 2006. Guidance on Systematic Planning Using the Data Quality Objectives Process, EPA QA/G-4, EPA 240/B-06/001, February 2006.

EPA, 2009. Multi-Agency Radiation Survey and Assessment of Materials and Equipment Manual (MARSAME). EPA-402-R-09-001, DOE/HS-0004, NUREG-1575 Supp. 1, January 2009.

EPA, 2015. ProUCL Version 5.1.002 User Guide. EPA/600/R-07/041, October, 2015.

ISO 2016. Measurement of Radioactivity – Measurement and Evaluation of Surface Contamination. Part 1: General Principles, ISO-7503-1. Part 2: Test Method Using Wipe-test Samples, ISO-7503-2, Part 3: Apparatus Calibration, ISO 7503-3. January 2016.

NRC, 1998. Minimum Detectable Concentrations with Typical Radiation Survey Instruments for Various Contaminants and Field Conditions, NUREG-1507, 1998.

NYSDEC, 2013. Cleanup Guidelines for Soil Contaminated with Radioactive Materials, Division of Environmental Remediation Program Policy DER-38, April 2013.

OFJV 2020a. Field Sampling Plan, Brookhaven National Laboratory High Flux Beam Reactor Stack Demolition & Decommissioning, Olgoonik FPM Joint Venture, LLC, Draft, August 2020.

OFJV, 2020b. Uniform Federal Policy - Quality Assurance Project Plan, Brookhaven National Laboratory High Flux Beam Reactor Stack Demolition & Decommissioning, Olgoonik FPM Joint Venture, LLC, Draft, April 2020.

PW Grosser 2005a. High Flux Beam Reactor & Balance of Plant Supplemental Characterization Summary, prepared by PW Grosser Consulting, June 2005.

PW Grosser, 2005b. High Flux Beam Reactor and Balance of Plant Structures Preliminary Assessment/Site Inspection Report (PA/SI), prepared by PW Grosser Consulting, January 2005.

PW Grosser, 2005c. Brookhaven National Laboratory Building 705 Stack Resolution of End-State, prepared by PW Grosser Consulting, February 2005AFBCA 2001. *McClellan Air Force Base Interim Basewide Remedial Investigation Report Part 2C1 – Operable Unit C1 Remedial Investigation Characterization Summaries and Addenda*. Final. June. Air Force Base Conversion Agency.

FIGURES



Legend

- Brookhaven National Laboratory
- Building 705 Location

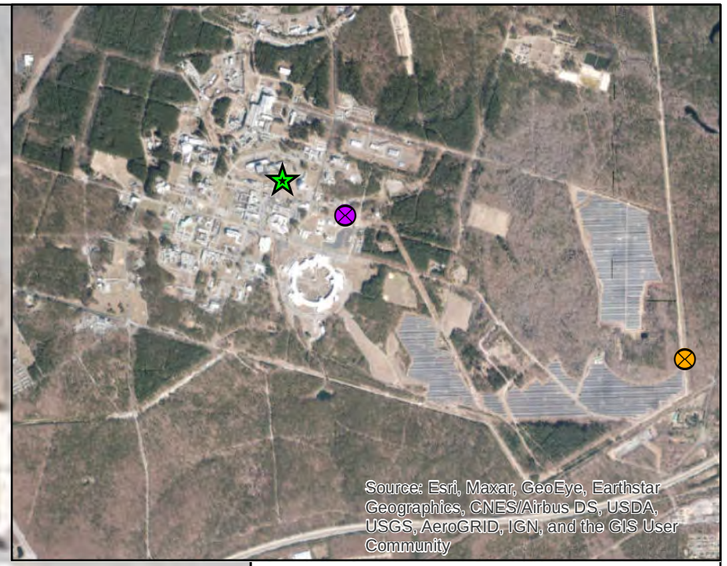
SITE LOCATION

BROOKHAVEN NATIONAL LABORATORY
UPTON, NEW YORK

10/2021	PROJECT No. R5-0022.01	FIGURE 1

CABRERA SERVICES
CHALLENGE ACCEPTED





Legend

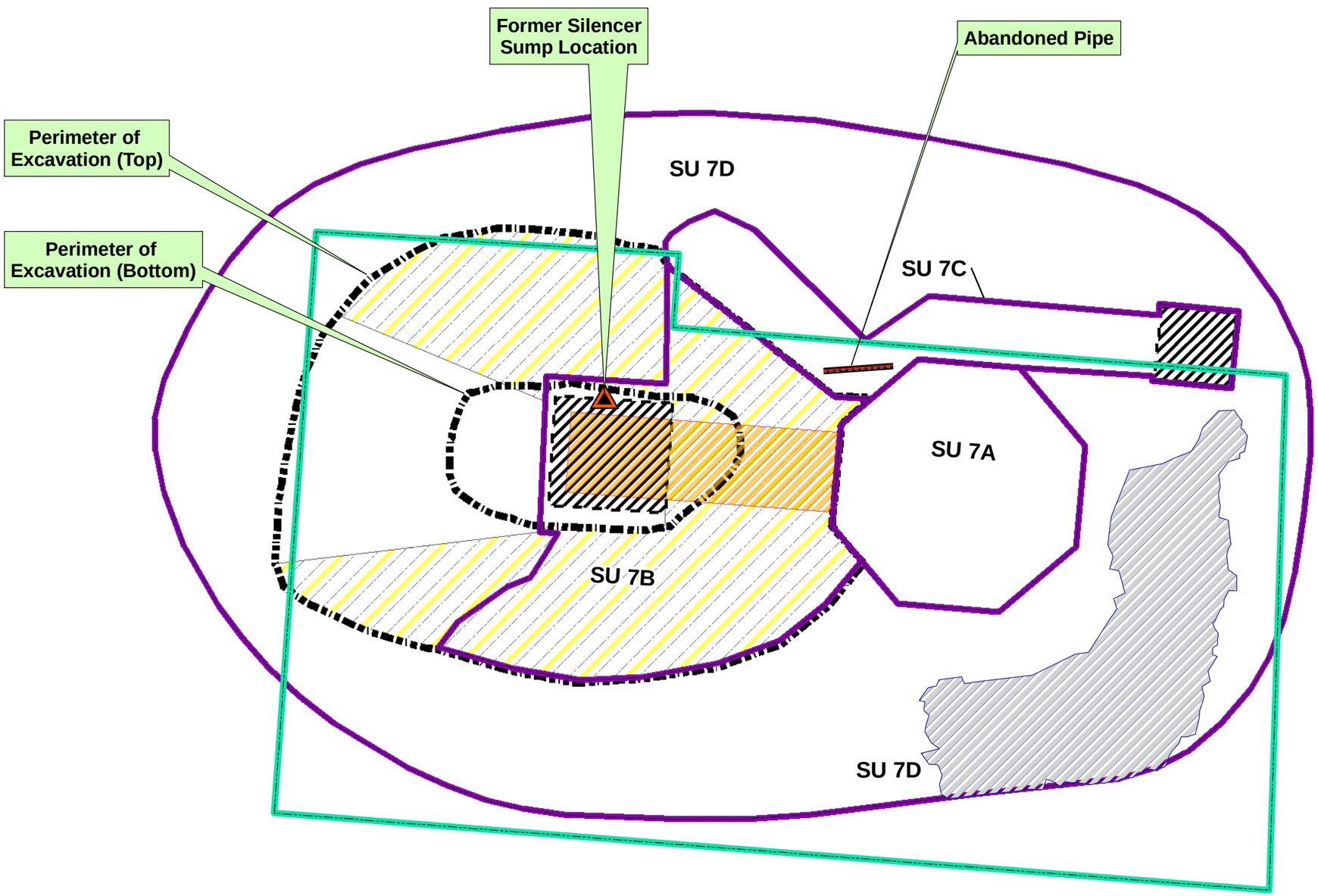
- Building 705 Location
- Soil Reference Background Area
- Concrete Refrence Background Area (Building 610)
- Manlift Required for Access
- Silencer Excavation Footprint
- Trench Box Location

SITE LAYOUT

BROOKHAVEN NATIONAL LABORATORY
UPTON, NEW YORK

10/2021	PROJECT No. R5-0022.01	FIGURE 2

CABRERA SERVICES
CHALLENGE ACCEPTED



0 15 30 60

Feet

SU	Description
7A	Former Building 705 Pedestal
7B	Former Silencer Excavation
7C	Former Stack Drain and Collection Tank
7D	HFBR StackDemolition Radiation Control Area

N

Legend

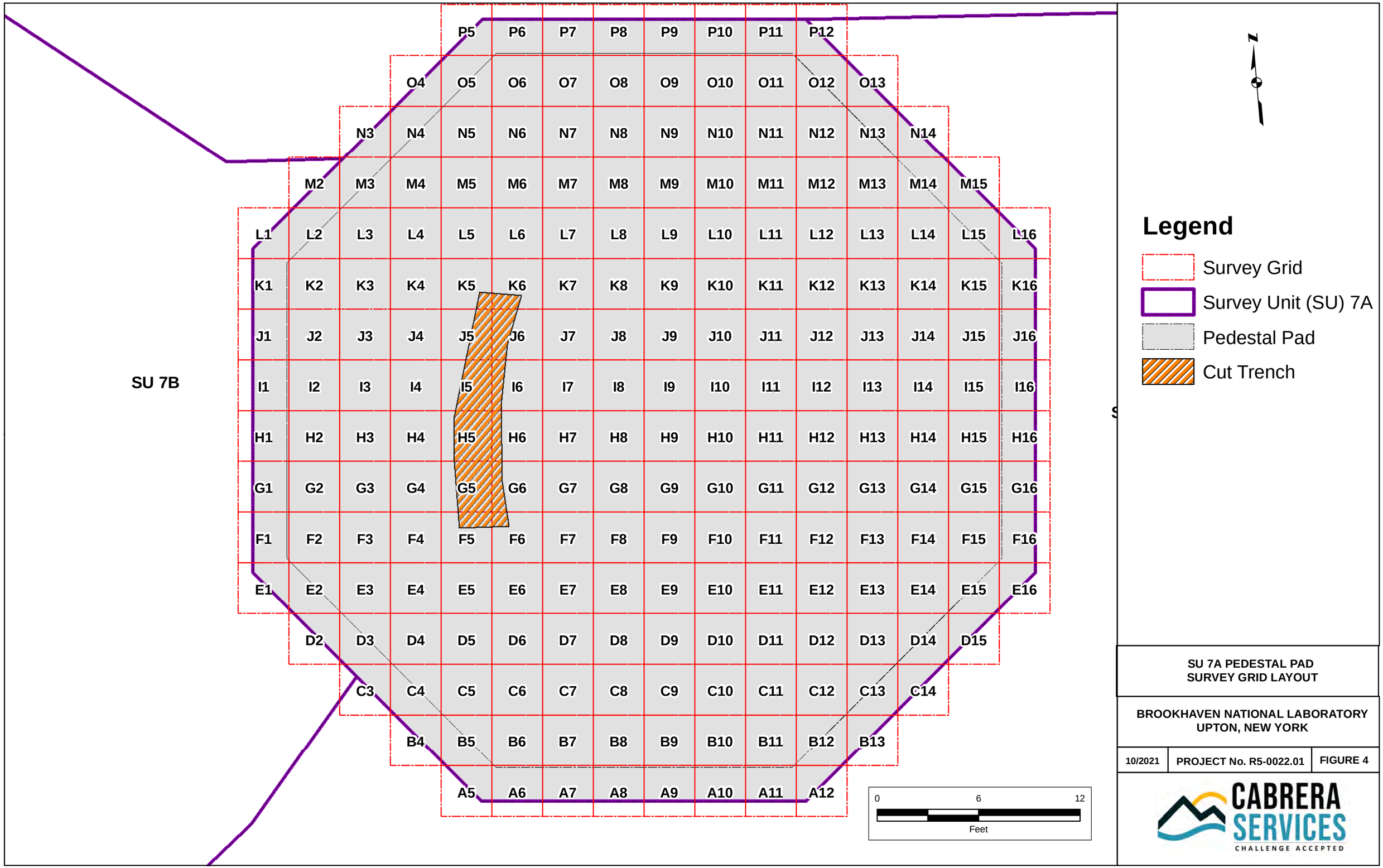
- Silencer ExcavationFootprint
- Trench Box Location
- Manlift Required for Access
- HFBR SU 7
- Asphalt
- Silencer Footprint

SURVEY UNIT LAYOUT

BROOKHAVEN NATIONAL LABORATORY
UPTON, NEW YORK

10/2021	PROJECT No. R5-0022.01	FIGURE 3

CABRERA SERVICES
CHALLENGE ACCEPTED



SU 7A PEDESTAL PAD
SURVEY GRID LAYOUT

BROOKHAVEN NATIONAL LABORATORY
UPTON, NEW YORK

10/2021	PROJECT No. R5-0022.01	FIGURE 4

CABRERA SERVICES
CHALLENGE ACCEPTED

P5 P6 P7 P8 P9 P10 P11 P12

O4 O5 O6 O7 O8 O9 O10 O11 O12 O13

N3 N4 N5 N6 N7 N8 N9 N10 N11 N12 N13 N14

M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

L1 L2 L3 L4 L5 L6 L7 L8 L9 L10 L11 L12 L13 L14 L15 L16

K1 K2 K3 K4 K5 K6 K7 K8 K9 K10 K11 K12 K13 K14 K15 K16

J1 J2 J3 J4 J5 J6 J7 J8 J9 J10 J11 J12 J13 J14 J15 J16

SU 7B

I1 I2 I3 I4 I5 I6 I7 I8 I9 I10 I11 I12 I13 I14 I15 I16

H1 H2 H3 H4 H5 H6 H7 H8 H9 H10 H11 H12 H13 H14 H15 H16

G1 G2 G3 G4 G5 G6 G7 G8 G9 G10 G11 G12 G13 G14 G15 G16

Maximum Gamma
Scan Result
25,140 counts
Z-Score = 9.2

F1 F2 F3 F4 F5 F6 F7 F8 F9 F10 F11 F12 F13 F14 F15 F16

E1 E2 E3 E4 E5 E6 E7 E8 E9 E10 E11 E12 E13 E14 E15 E16

D2 D3 D4 D5 D6 D7 D8 D9 D10 D11 D12 D13 D14 D15

C3 C4 C5 C6 C7 C8 C9 C10 C11 C12 C13 C14

B4 B5 B6 B7 B8 B9 B10 B11 B12 B13

A5 A6 A7 A8 A9 A10 A11 A12

GWS Data Statistics Survey Unit (SU) 7A - Concrete	
# of Measurements	4,365
Minimum	8,040
Maximum	25,140
Mean	12,154
Median	12,000
Standard Deviation (σ)	1,418
Mean + 3σ	16,408

0 6 12
Feet

N

Legend

- Survey Grid
- Survey Unit (SU) 7A
- Pedestal Pad
- Cut Trench

SU 7A GWS Results
(Z-Score)

- -2.9 - 0.9
- 1.0 - 1.9
- 2.0 - 2.9
- 3.0 - 9.6

Note: Survey Conducted with a Ludlum 2360/ 43-37.

SU 7A GAMMA WALKOVER SURVEY RESULTS

BROOKHAVEN NATIONAL LABORATORY
UPTON, NEW YORK

10/2021	PROJECT No. R5-0022.01	FIGURE 5

CABRERA SERVICES
CHALLENGE ACCEPTED

P5 P6 P7 P8 P9 P10 P11 P12

O4 O5 O6 O7 O8 O9 O10 O11 O12 O13

N3 N4 N5 N6 N7 N8 N9 N10 N11 N12 N13 N14

M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

L1 L2 L3 L4 L5 L6 L7 L8 L9 L10 L11 L12 L13 L14 L15 L16

K1 K2 K3 K4 K5 K6 K7 K8 K9 K10 K11 K12 K13 K14 K15 K16

J1 J2 J3 J4 J5 J6 J7 J8 J9 J10 J11 J12 J13 J14 J15 J16

SU 7B

I1 I2 I3 I4 I5 I6 I7 I8 I9 I10 I11 I12 I13 I14 I15 I16

H1 H2 H3 H4 H5 H6 H7 H8 H9 H10 H11 H12 H13 H14 H15 H16

G1 G2 G3 G4 G5 G6 G7 G8 G9 G10 G11 G12 G13 G14 G15 G16

F1 F2 F3 F4 F5 F6 F7 F8 F9 F10 F11 F12 F13 F14 F15 F16

E1 E2 E3 E4 E5 E6 E7 E8 E9 E10 E11 E12 E13 E14 E15 E16

D2 D3 D4 D5 D6 D7 D8 D9 D10 D11 D12 D13 D14 D15

C3 C4 C5 C6 C7 C8 C9 C10 C11 C12 C13 C14

B4 B5 B6 B7 B8 B9 B10 B11 B12 B13

A5 A6 A7 A8 A9 A10 A11 A12

Maximum Beta Survey Result
1,531 counts
Z-Score = 5.8

Beta Scan Data Statistics Survey Unit (SU) 7A (cpm)	
# of Measurements	2,632
Minimum	666
Maximum	1,531
Mean	981
Median	976
Standard Deviation (σ)	95.5
Mean + 3σ	1,267

0 6 12
Feet

N

Legend

- Survey Grid
- Survey Unit (SU) 7A
- Pedestal Pad
- Cut Trench

Beta Scan Results (Z-Score)

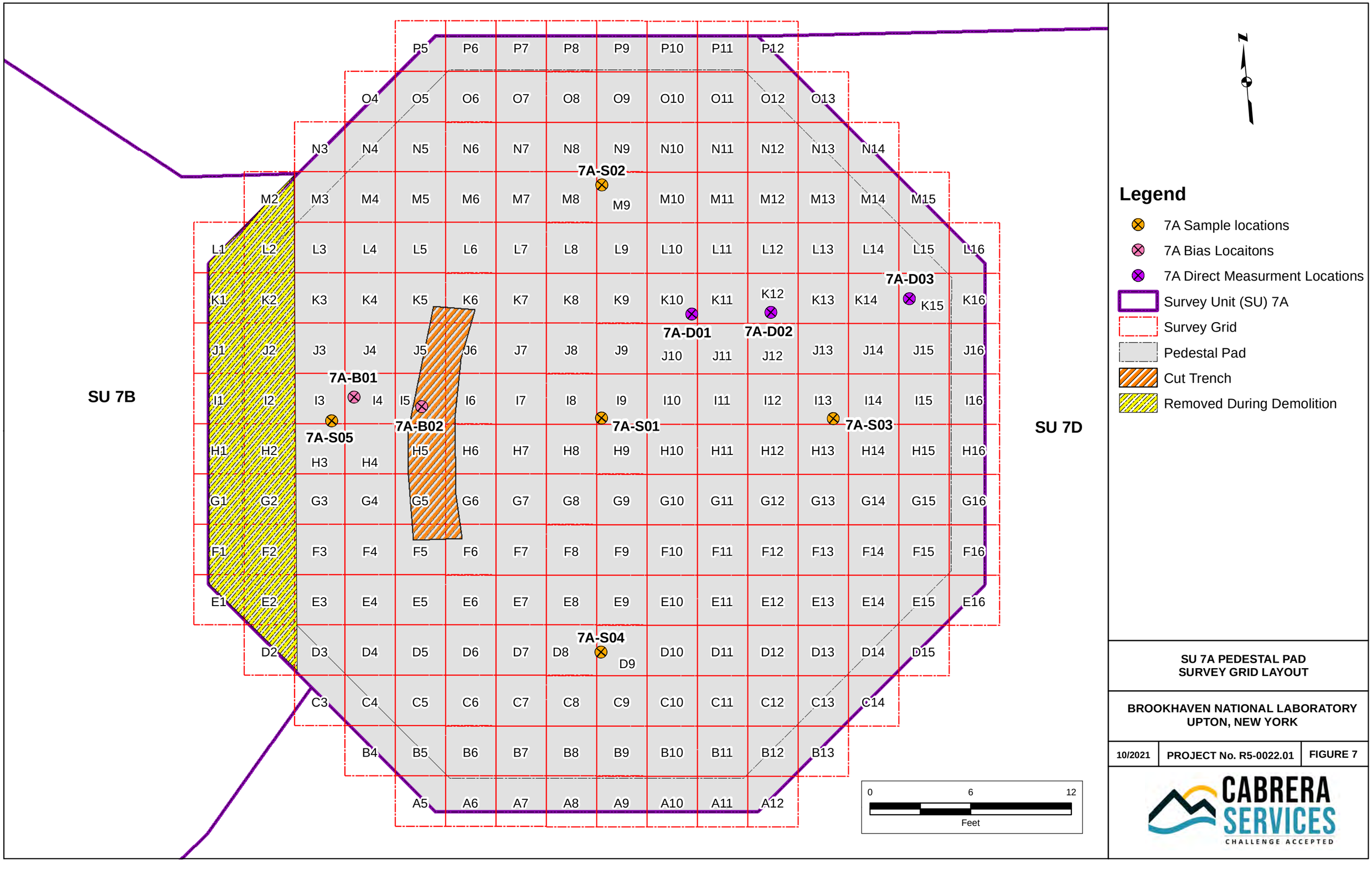
- -3.3 - 0.9
- 1.0 - 1.9
- 2.0 - 2.9
- 3.0 - 5.8

SU 7A BETA SCAN SURVEY RESULTS

BROOKHAVEN NATIONAL LABORATORY UPTON, NEW YORK

10/2021	PROJECT No. R5-0022.01	FIGURE 6

CABRERA SERVICES
CHALLENGE ACCEPTED

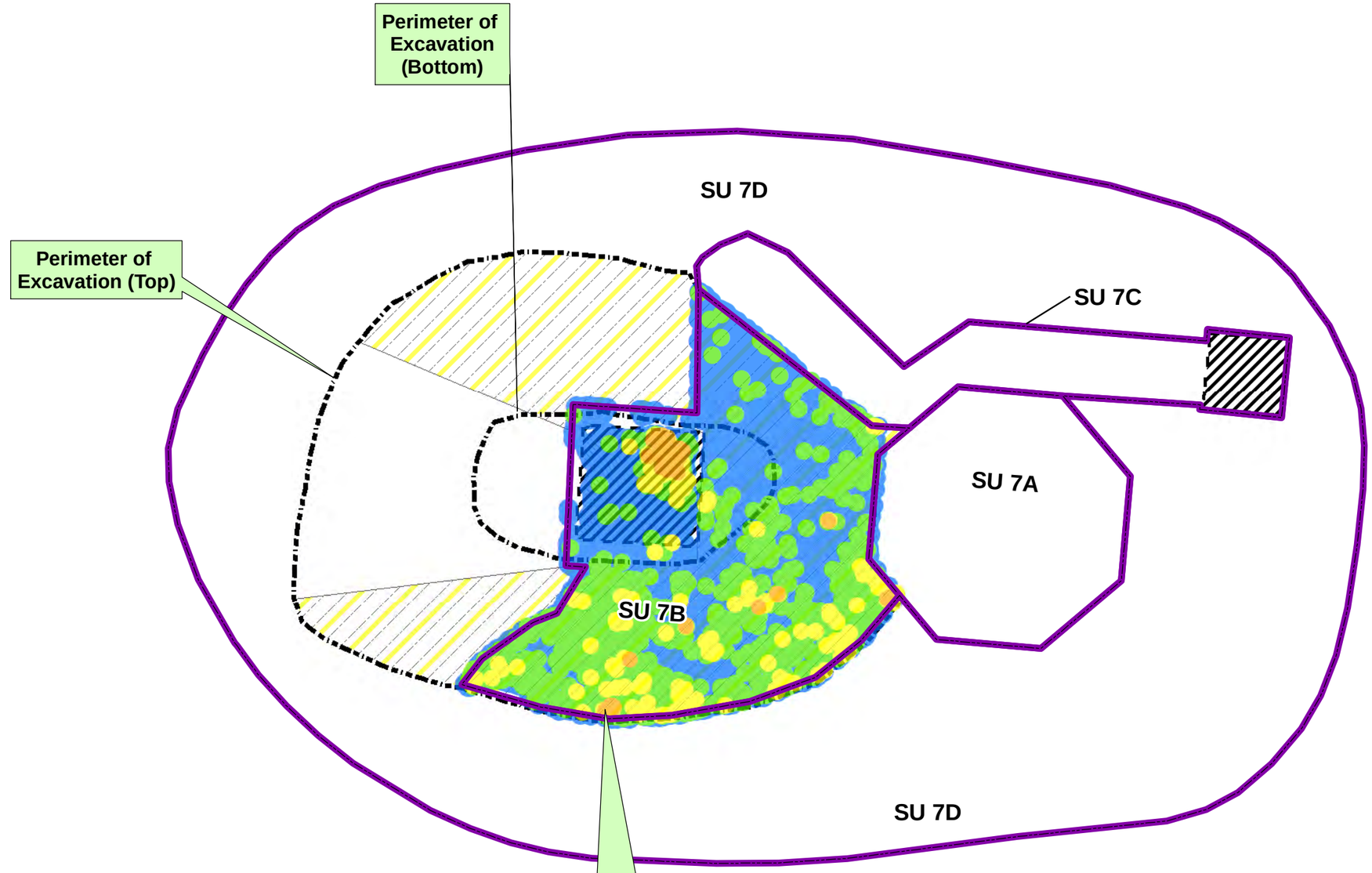


SU 7A PEDESTAL PAD SURVEY GRID LAYOUT

BROOKHAVEN NATIONAL LABORATORY UPTON, NEW YORK

10/2021	PROJECT No. R5-0022.01	FIGURE 7

CABRERA SERVICES
CHALLENGE ACCEPTED



Gamma Survey Data Statistics Survey Unit (SU) 7B - Soil	
# of Measurements	14,149
Minimum	5,400
Maximum	25,440
Mean	10,435
Median	10,380
Standard Deviation (σ)	1,462
Mean + 3σ	14,821

GWS Results (Z-Score)

- ≤ 0.9
- 1.0 - 1.9
- 2.0 - 2.9
- ≥ 3.0

N

Legend

- Survey Unit (SU) Boundary
- Silencer Excavation Footprint
- Trench Box Location
- Manlift Required for Access

Note: Survey Conducted with a Ludlum 2221/ 44-20 (3x3 NaI).

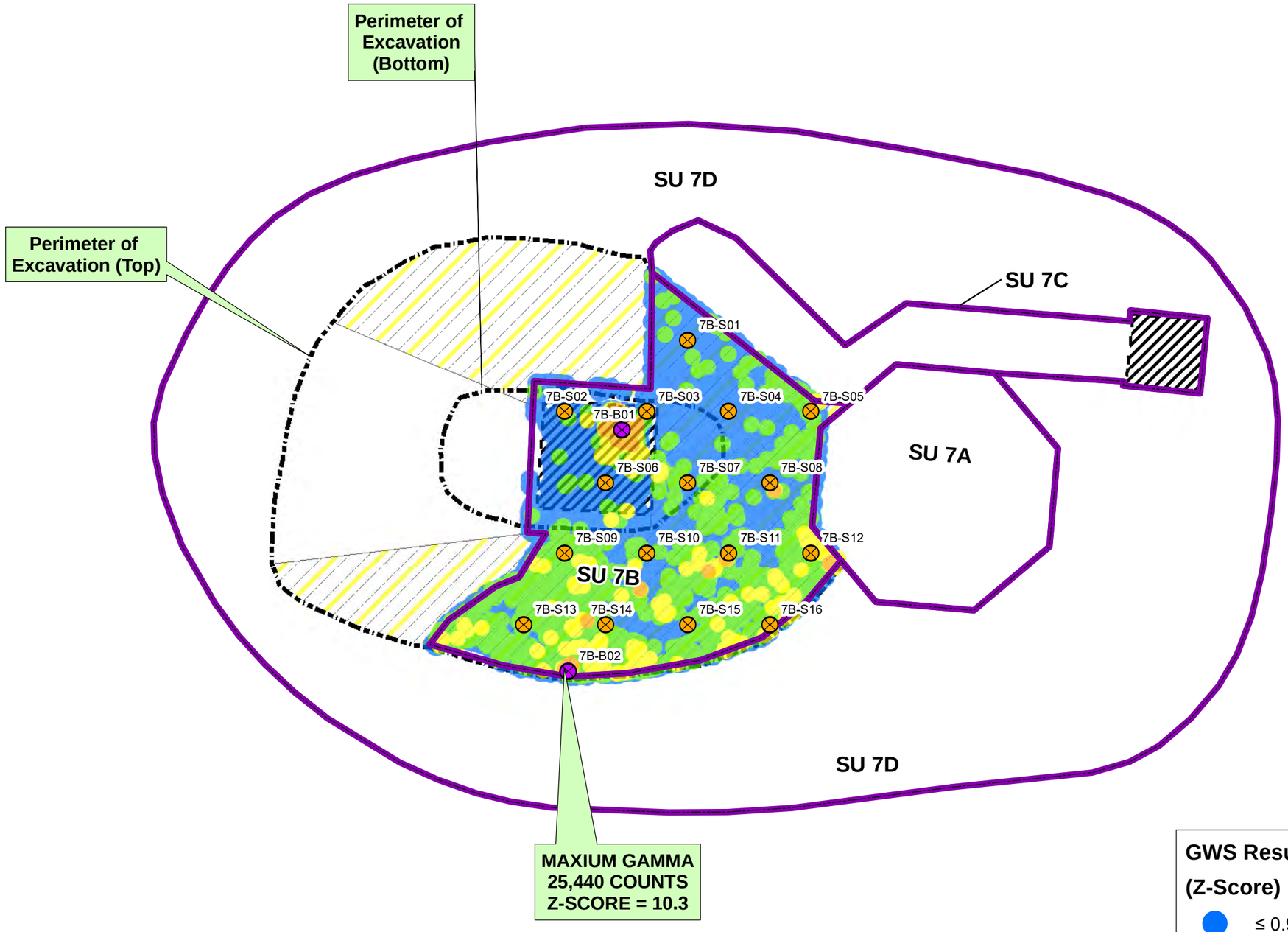
0 10 20 40
Feet

7B GAMMA WALOVER SURVEY RESULTS

BROOKHAVEN NATIONAL LABORATORY UPTON, NEW YORK

10/2021	PROJECT No. R5-0022.01	FIGURE 8

CABRERA SERVICES
CHALLENGE ACCEPTED



N

Legend

- Survey Unit (SU) Boundary
- Silencer Excavation Footprint
- Trench Box Location
- Manlift Required for Access
- 7B Bias Locations
- 7B Sample Locations

Note: Survey Conducted with a Ludlum 2221/ 44-20 (3x3 NaI).

0 10 20 40
Feet

GWS Results (Z-Score)

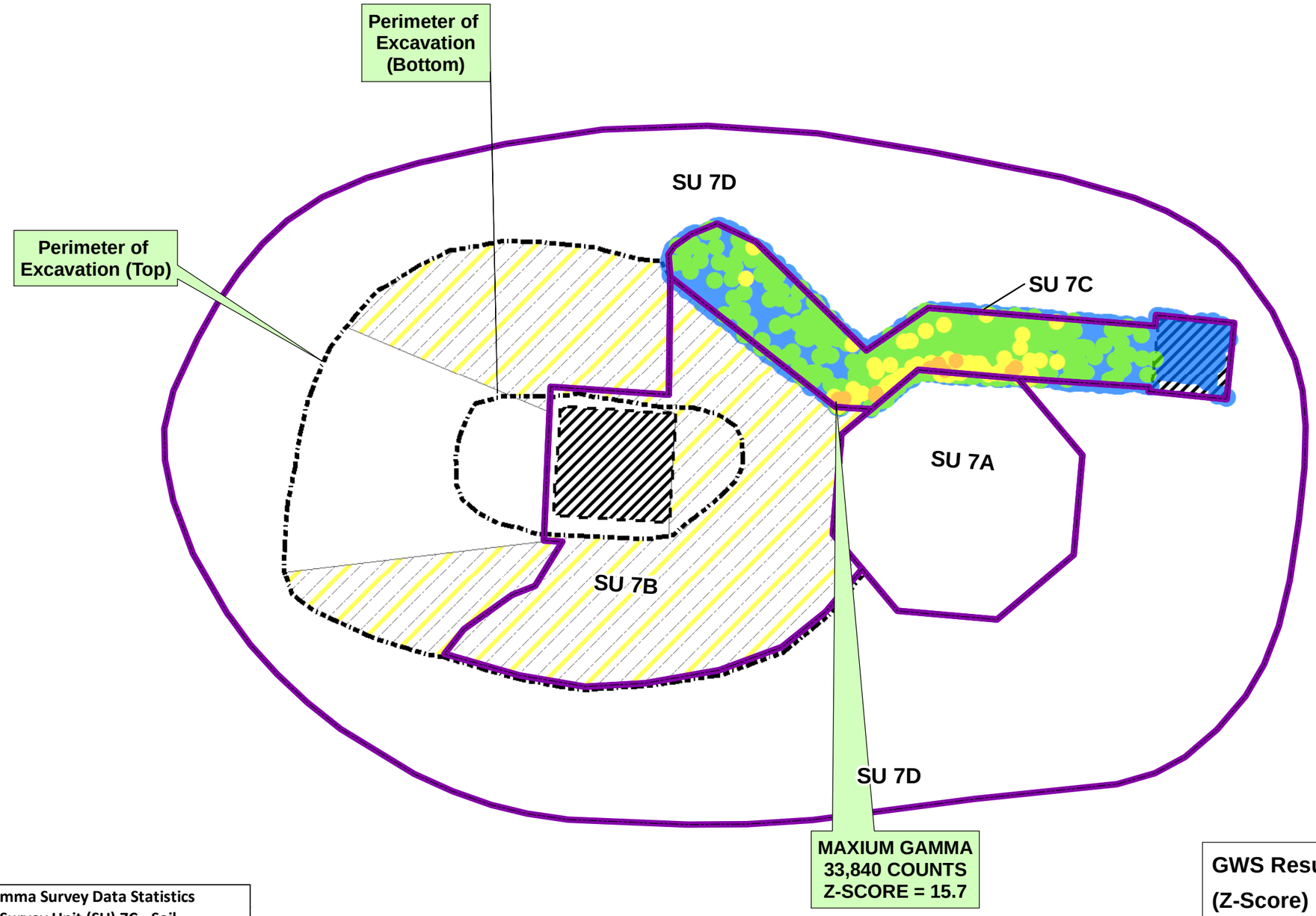
- ≤ 0.9
- 1.0 - 1.9
- 2.0 - 2.9
- ≥ 3.0

7B SAMPLE LOCATIONS

BROOKHAVEN NATIONAL LABORATORY
UPTON, NEW YORK

10/2021	PROJECT No. R5-0022.01	FIGURE 9

CABRERA SERVICES
CHALLENGE ACCEPTED



Gamma Survey Data Statistics Survey Unit (SU) 7C - Soil	
# of Measurements	4,888
Minimum	6,840
Maximum	33,840
Mean	11,168
Median	11,160
Standard Deviation (σ)	1,446
Mean + 3σ	15,507

GWS Results (Z-Score)

- ≤ 0.9
- 1.0 - 1.9
- 2.0 - 2.9
- ≥ 3.0

N

Legend

- Survey Unit (SU) Boundary
- Silencer Excavation Footprint
- Trench Box Location
- Manlift Required for Access

Note: Survey Conducted with a Ludlum 2221/ 44-20 (3x3 NaI).

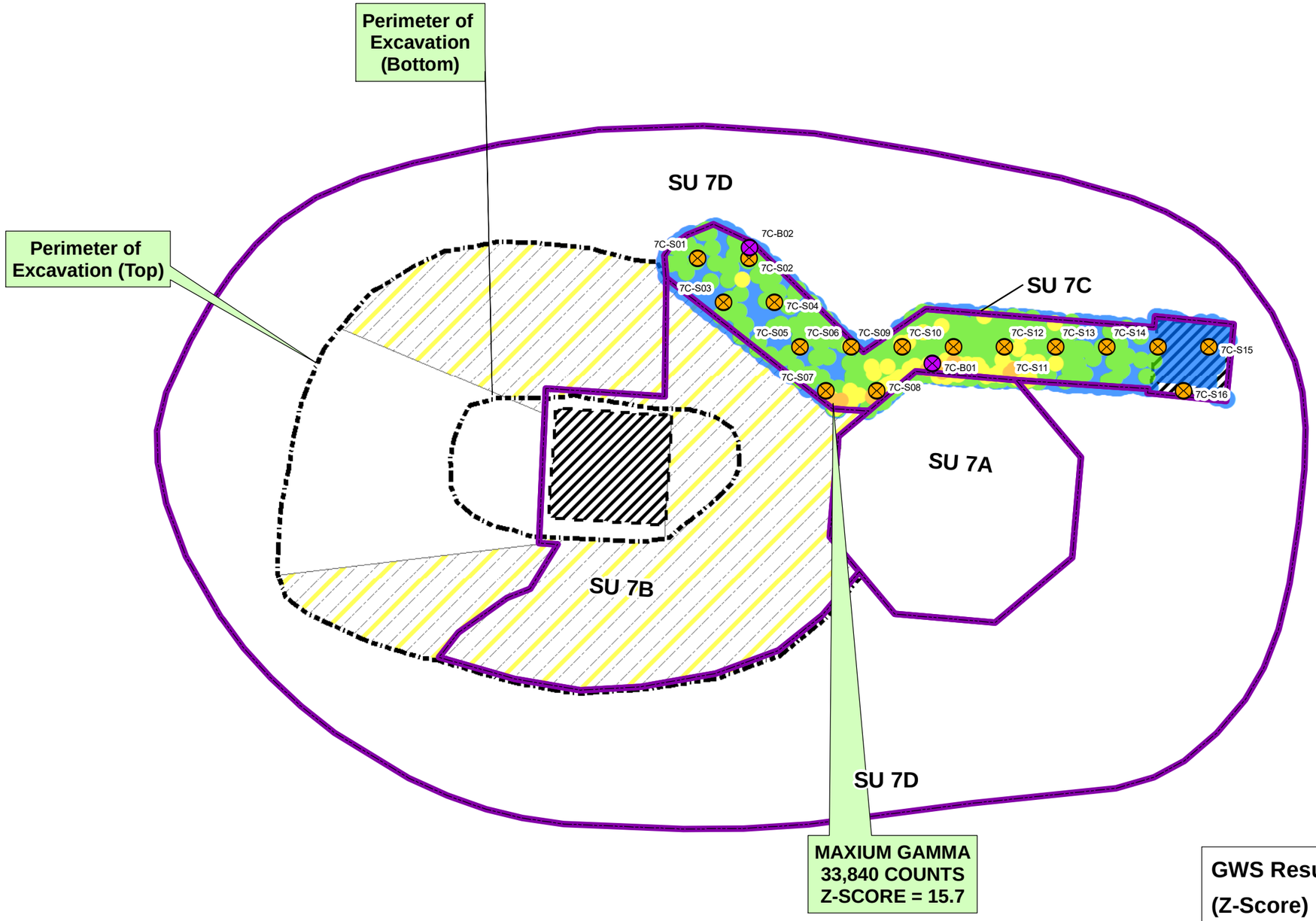
0 10 20 40
Feet

7C GAMMA WALKOVER SURVEY RESULTS

BROOKHAVEN NATIONAL LABORATORY UPTON, NEW YORK

10/2021	PROJECT No. R5-0022.01	FIGURE 10

CABRERA SERVICES
CHALLENGE ACCEPTED



N

Legend

- Survey Unit (SU) Boundary
- Silencer Excavation Footprint
- Trench Box Location
- Manlift Required for Access
- 7C Bias Locations
- 7C Systematic Locations

Note: Survey Conducted with a Ludlum 2221/ 44-20 (3x3 NaI).

0 10 20 40
Feet

GWS Results (Z-Score)

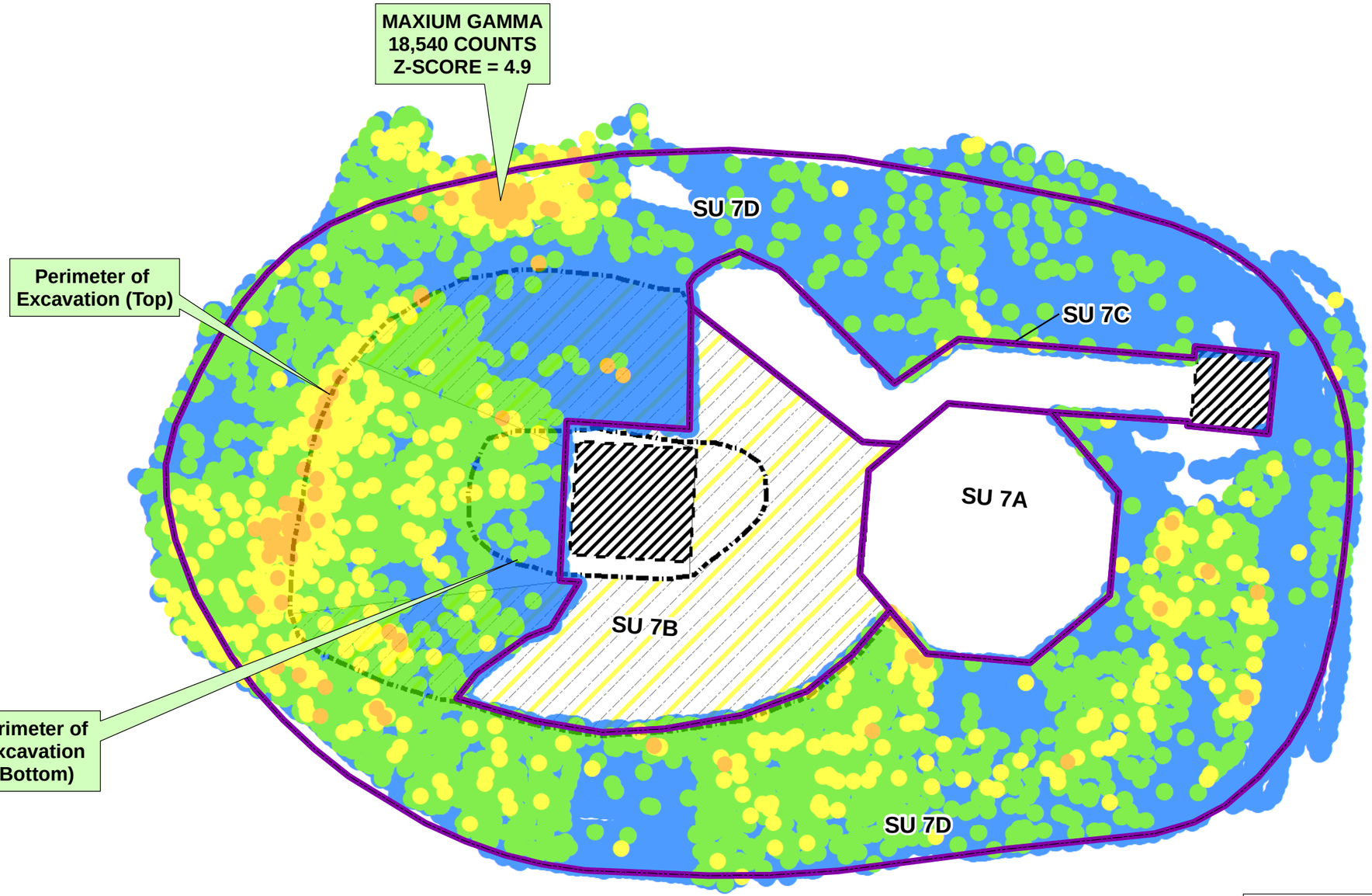
- ≤ 0.9
- 1.0 - 1.9
- 2.0 - 2.9
- ≥ 3.0

7C SAMPLE LOCATIONS

BROOKHAVEN NATIONAL LABORATORY
UPTON, NEW YORK

10/2021	PROJECT No. R5-0022.01	FIGURE 11

CABRERA SERVICES
CHALLENGE ACCEPTED



Gamma Survey Data Statistics Survey Unit (SU) 7D - Soil	
# of Measurements	40,812
Minimum	4,680
Maximum	18,540
Mean	11,506
Median	11,460
Standard Deviation (σ)	1,410
Mean + 3σ	15,734

GWS Results (Z-Score)

- ≤ 0.9
- 1.0 - 1.9
- 2.0 - 2.9
- ≥ 3.0

N

Legend

- Survey Unit (SU) Boundary
- Silencer Excavation Footprint
- Trench Box Location
- Manlift Required for Access

Note: Survey Conducted with a Ludlum 2221/ 44-20 (3x3 NaI).

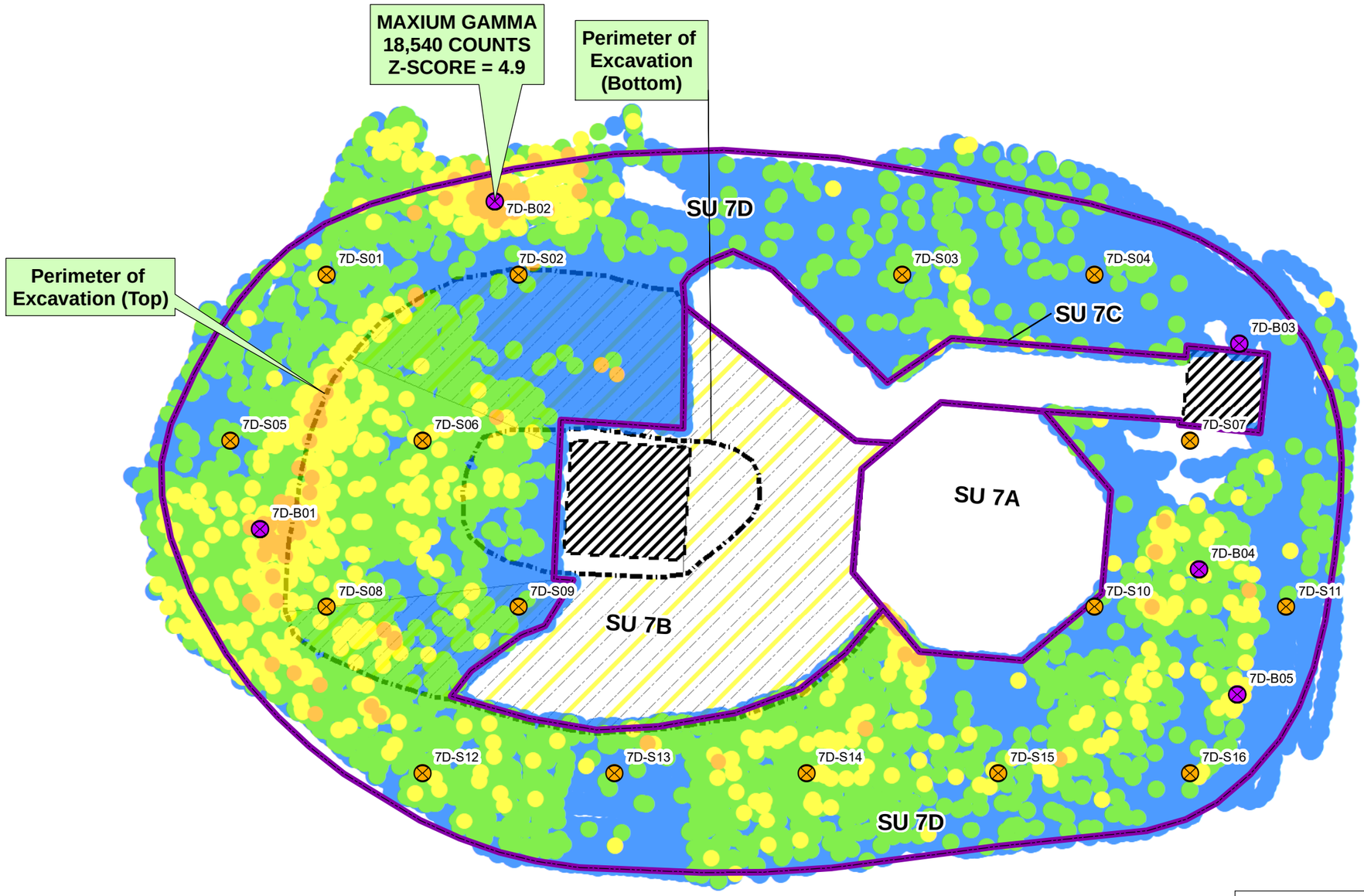
0 10 20 40
Feet

7D GAMMA WALKOVER SURVEY RESULTS

**BROOKHAVEN NATIONAL LABORATORY
UPTON, NEW YORK**

10/2021	PROJECT No. R5-0022.01	FIGURE 12

CABRERA SERVICES
CHALLENGE ACCEPTED



Legend

- Survey Unit (SU) Boundary
- Silencer Excavation Footprint
- Trench Box Location
- Manlift Required for Access
- 7D Bias Loactions
- 7D Sample Locations

Note: Survey Conducted with a Ludlum 2221/ 44-20 (3x3 NaI).

0 10 20 40
Feet

GWS Results (Z-Score)

- ≤ 0.9
- 1.0 - 1.9
- 2.0 - 2.9
- ≥ 3.0

7D SAMPLE LOCATIONS

BROOKHAVEN NATIONAL LABORATORY
UPTON, NEW YORK

10/2021	PROJECT No. R5-0022.01	FIGURE 13

CABRERA SERVICES
CHALLENGE ACCEPTED

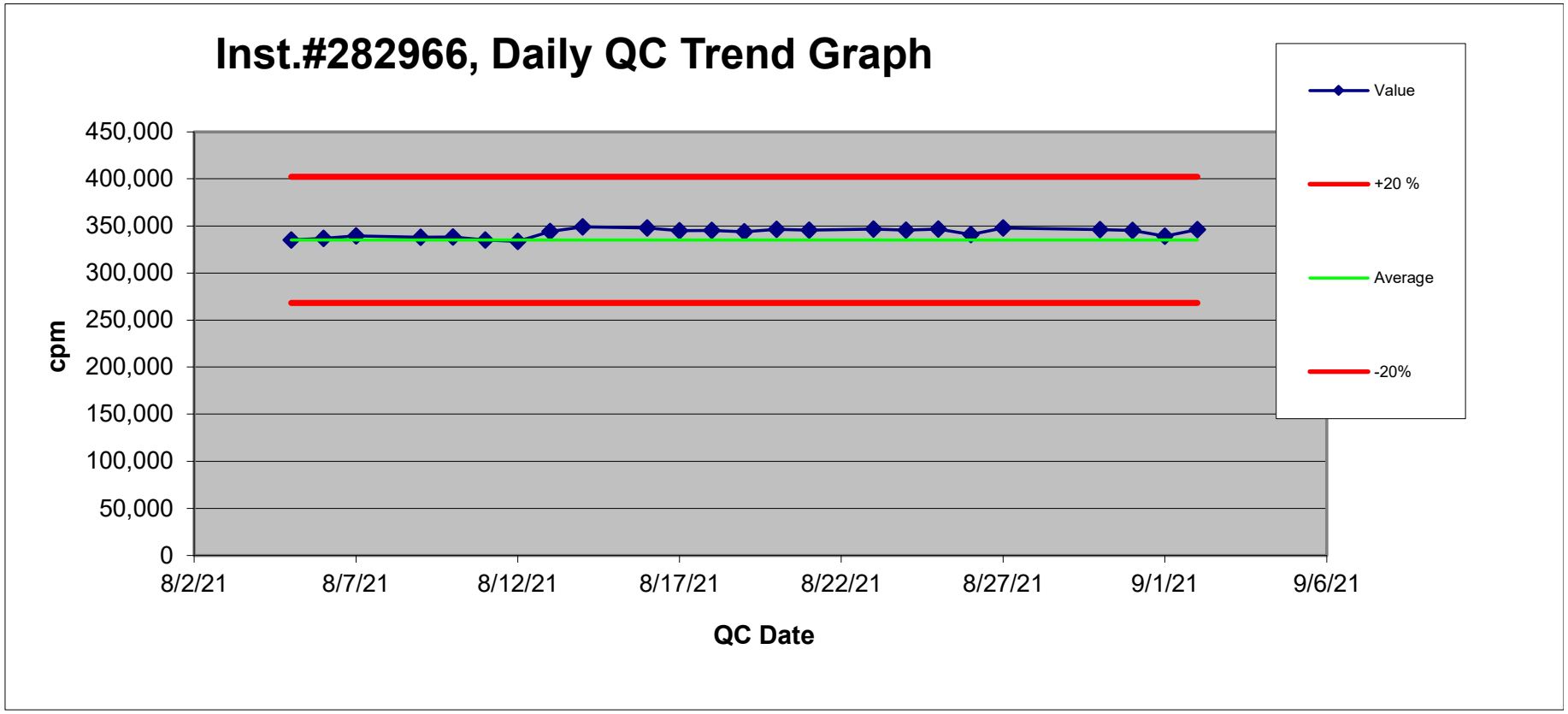
APPENDIX A

Field Instrument Quality Control Records

Inst.#051914B2		
QC Daily Source		
Date	Result (cpm)	P/F
8/5/2021	335,256	Pass
8/6/2021	336,541	Pass
8/7/2021	339,486	Pass
8/9/2021	337,728	Pass
8/10/2021	338,091	Pass
8/11/2021	335,117	Pass
8/12/2021	333,657	Pass
8/13/2021	343,996	Pass
8/14/2021	349,111	Pass
8/16/2021	347,937	Pass
8/17/2021	344,852	Pass
8/18/2021	345,386	Pass
8/19/2021	343,666	Pass
8/20/2021	346,369	Pass
8/21/2021	345,792	Pass
8/23/2021	346,886	Pass
8/24/2021	345,745	Pass
8/25/2021	346,734	Pass
8/26/2021	341,136	Pass
8/27/2021	347,821	Pass
8/30/2021	346,161	Pass
8/31/2021	345,378	Pass
9/1/2021	339,143	Pass
9/2/2021	345,857	Pass

Inst.#051914B2		Source Ser. #	1447
Initial Source Readings		Nuclide	Cs-137
Date	Result (cpm)		
8/5/2021	335,065		
	335,278		
	334,563		
	335,662		
	335,251		
	335,401		
	335,504		
	334,608		
	335,199		
	335,533		
	Average		
	335206		

3x3 051914B2

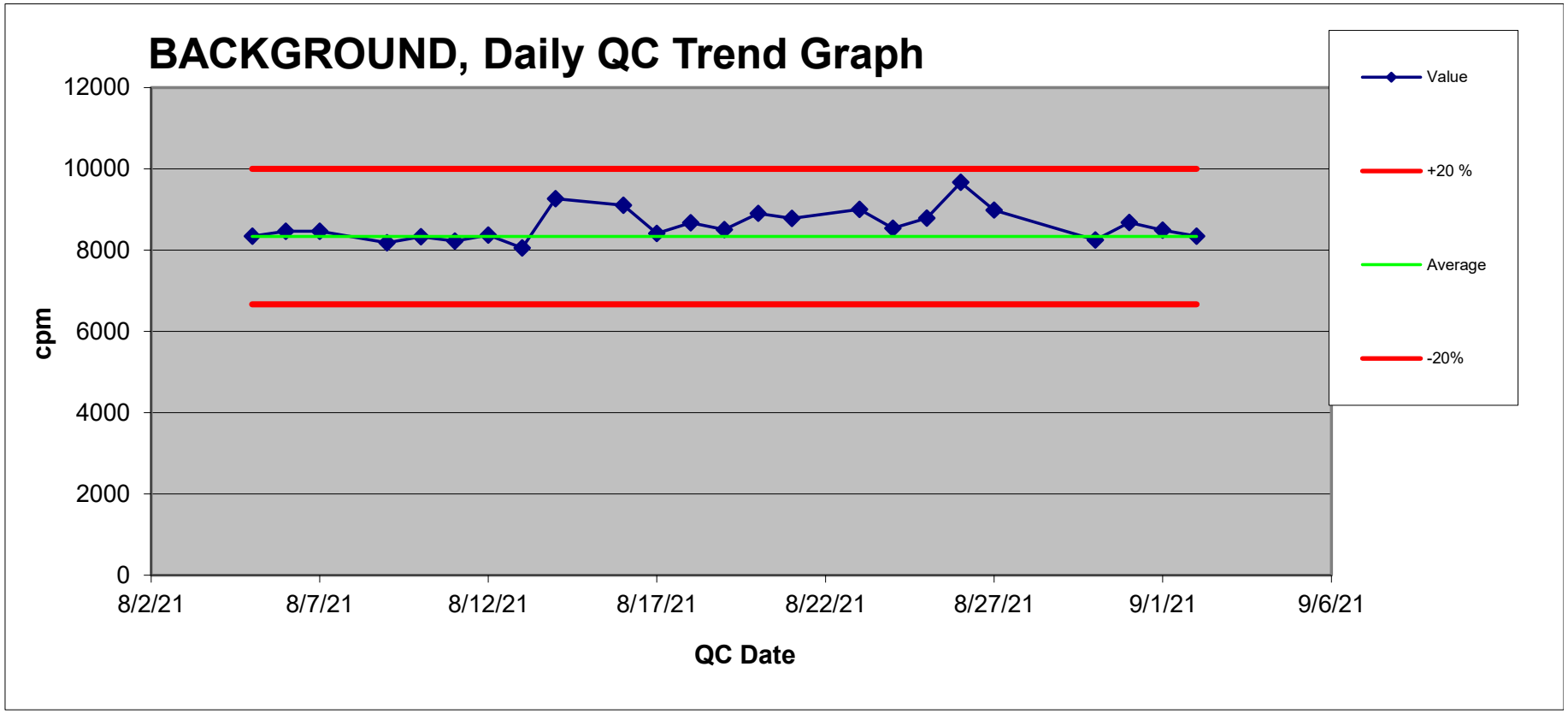


1-Jul		
QC Daily Source		
Date	Result (cpm)	P/F
8/5/2021	8346	Pass
8/6/2021	8469	Pass
8/7/2021	8465	Pass
8/9/2021	8180	Pass
8/10/2021	8337	Pass
8/11/2021	8224	Pass
8/12/2021	8368	Pass
8/13/2021	8055	Pass
8/14/2021	9271	Pass
8/16/2021	9101	Pass
8/17/2021	8414	Pass
8/18/2021	8672	Pass
8/19/2021	8506	Pass
8/20/2021	8912	Pass
8/21/2021	8780	Pass
8/23/2021	9011	Pass
8/24/2021	8539	Pass
8/25/2021	8793	Pass
8/26/2021	9669	Pass
8/27/2021	8988	Pass
8/30/2021	8257	Pass
8/31/2021	8686	Pass
9/1/2021	8497	Pass
9/2/2021	8347	Pass

BACKGROUND	
Initial Source Readings	
Date	Result (cpm)
8/5/2021	8298
	8417
	8371
	8410
	8360
	8338
	8190
	8359
	8288
	8341
	Average
	8337

3x3 051914B2

3x3 051914B2



CABRERA ALPHA-BETA COUNTING INSTRUMENT (Rev 6)

Counting Instrument:	Ludlum 2360	Detector:	Ludlum 43-37	Calibration Date:	7/9/2021
Serial #:	193675	Serial #:	PR16988	12 month calibration:	OK
Detector Active Area or Area Covered by Smear (cm^2):			100		

	Efficiency (fraction)	Source Nuclide	Source Number	Original Source Activity (DPM)	Source Creation Date	$T_{1/2}$ (yr)	Source Decayed Activity	Required MDA ($DPM/100cm^2$)	Control Chart & Daily Bkg Count Time	Control Chart & Daily Source-Sample Count Time	Control Chart bkg Average α/β cpm	Control Chart bkg 1 sigma, cpm	Control Chart Source-bkg Average α/β cpm	Control Chart source 1 sigma, cpm
Alpha	0.2100	Th-230	5648-06	15,900	9/24/2012	7.54E+04	15,899	100	1	1	1.40	0.70	960.7	50.10
Beta	0.4140	Tc-99	5634-05	9,860	2/25/2013	2.11E+05	9,860	1,000	1	1	573.90	29.19	1850.7	36.40

Date	Daily Bkg Counts		Daily Check Source Counts		Daily Bkg Rate (cpm)		Net Daily Source Rate (cpm)		Bkg QC Pass/Fail		Source QC Pass/Fail							
	Alpha	Beta	Alpha	Beta	Alpha	Beta	Alpha	Beta	Alpha	Beta	Alpha	Beta	MDA α (dpm)	MDA β (dpm)	α MDA OK?	β MDA OK?	H.P. Technician	Technician Initials
8/26/2021	1	576	983	2436	1.0	576.0	982.0	1860.0	PASS	PASS	PASS	PASS	36.44	277	Yes	Yes	DB	DB
8/27/2021	1	567	978	2356	1.0	567.0	977.0	1789.0	PASS	PASS	PASS	PASS	36.44	275	Yes	Yes	DB	DB
8/30/2021	2	584	870	2397	2.0	584.0	868.0	1813.0	PASS	PASS	PASS	PASS	45.62	279	Yes	Yes	DB	DB
8/31/2021	1	600	928	2343	1.0	600.0	927.0	1743.0	PASS	PASS	PASS	*QUESTION*	36.44	283	Yes	Yes	DB	DB
9/1/2021	3	578	897	2435	3.0	578.0	894.0	1857.0	*QUESTION*	PASS	PASS	PASS	52.66	277	Yes	Yes	DB	DB
9/2/2021	2	551	865	2364	2.0	551.0	863.0	1813.0	PASS	PASS	PASS	PASS	45.62	271	Yes	Yes	DB	DB

Initial Background and Source Counts for Control Chart

	Initial bkg counts				Initial source plus bkg counts			
#	Alpha	cpm	Beta	cpm	Alpha	cpm	Beta	cpm
1	2	2	585	585	901	901	2446	2446
2	1	1	583	583	929	929	2446	2446
3	3	3	587	587	869	869	2348	2348
4	2	2	570	570	954	954	2435	2435
5	1	1	613	613	971	971	2482	2482
6	1	1	589	589	999	999	2435	2435
7	1	1	577	577	1003	1003	2430	2430
8	1	1	560	560	1026	1026	2433	2433
9	1	1	574	574	997	997	2467	2467
10	1	1	501	501	972	972	2324	2324
Mean		1.40		573.9		962.1		2424.6
$S_{(n-1)}$		0.70		29.19		49.53		49.79
-3 sigma		-0.70		486.34		813.52		2275.23
+3 sigma		3.50		661.46		1110.68		2573.97
-2 sigma		0.00		515.53		863.05		2325.02
+2 sigma		2.80		632.27		1061.15		2524.18
					Mean-bkg	960.7		1850.7
					$S_{(n-1)}$	50.10		36.40
				Mean-bkg	-3 sigma	810.40		1741.50
				Mean-bkg	+3 sigma	1111.00		1959.90
				Mean-bkg	-2 sigma	860.50		1777.90
				Mean-bkg	+2 sigma	1060.90		1923.50

CABRERA ALPHA-BETA COUNTING INSTRUMENT (Rev 6)

Counting Instrument:	Ludlum 2360	Detector:	Ludlum 43-93	Calibration Date:	7/1/2021
Serial #:	193675	Serial #:	PR292171	12 month calibration:	OK
Detector Active Area or Area Covered by Smear (cm^2):	100				

	Efficiency (fraction)	Source Nuclide	Source Number	Original Source Activity (DPM)	Source Creation Date	$T_{1/2}$ (yr)	Source Decayed Activity	Required MDA (DPM/100cm^2)	Control Chart & Daily Bkg Count Time	Control Chart & Daily Source-Sample Count Time	Control Chart bkg Average α/β cpm	Control Chart bkg 1 sigma, cpm	Control Chart Source-bkg Average α/β cpm	Control Chart source 1 sigma, cpm
Alpha	0.2130	Th-230	5648-06	15,900	9/24/2012	7.54E+04	15,899	100	1	1	0.30	0.48	3382.0	59.81
Beta	0.1710	Tc-99	5634-05	9,860	2/25/2013	2.11E+05	9,860	1,000	1	1	167.20	18.88	1519.8	56.04

Date	Daily Bkg Counts		Daily Check Source Counts		Daily Bkg Rate (cpm)		Net Daily Source Rate (cpm)		Bkg QC Pass/Fail		Source QC Pass/Fail		MDA α (dpm)	MDA β (dpm)	α MDA OK?	β MDA OK?	H.P. Technician	Technician Initials
	Alpha	Beta	Alpha	Beta	Alpha	Beta	Alpha	Beta	Alpha	Beta	Alpha	Beta						
7/23/2021	1	187	3401	1688	1.0	187.0	3400.0	1501.0	PASS	PASS	PASS	PASS	35.93	390	Yes	Yes	BG	BG
7/24/2021	1	149	3425	1700	1.0	149.0	3424.0	1551.0	PASS	PASS	PASS	PASS	35.93	350	Yes	Yes	BG	BG
7/26/2021	1	167	3419	1690	1.0	167.0	3418.0	1523.0	PASS	PASS	PASS	PASS	35.93	369	Yes	Yes	BG	BG
7/28/2021	1	165	3312	1826	1.0	165.0	3311.0	1661.0	PASS	PASS	PASS	*QUESTION*	35.93	367	Yes	Yes	BG	BG
7/29/2021	1	165	3490	1767	1.0	165.0	3489.0	1602.0	PASS	PASS	PASS	PASS	35.93	367	Yes	Yes	BG	BG
7/30/2021	1	164	3401	1760	1.0	164.0	3400.0	1596.0	PASS	PASS	PASS	PASS	35.93	366	Yes	Yes	BG	BG
7/31/2021	0	177	3470	1775	0.0	177.0	3470.0	1598.0	PASS	PASS	PASS	PASS	14.08	380	Yes	Yes	BG	BG
8/2/2021	1	157	3426	1735	1.0	157.0	3425.0	1578.0	PASS	PASS	PASS	PASS	35.93	358	Yes	Yes	BG	BG
8/3/2021	1	170	3401	1759	1.0	170.0	3400.0	1589.0	PASS	PASS	PASS	PASS	35.93	372	Yes	Yes	BG	BG
8/4/2021	0	158	3559	1789	0.0	158.0	3559.0	1631.0	PASS	PASS	*QUESTION*	PASS	14.08	360	Yes	Yes	BG	BG
8/5/2021	1	180	3340	1676	1.0	180.0	3339.0	1496.0	PASS	PASS	PASS	PASS	35.93	383	Yes	Yes	BG	BG
8/6/2021	0	170	3357	1665	0.0	170.0	3357.0	1495.0	PASS	PASS	PASS	PASS	14.08	372	Yes	Yes	BG	BG
8/7/2021	1	160	3393	1792	1.0	160.0	3392.0	1632.0	PASS	PASS	PASS	*QUESTION*	35.93	362	Yes	Yes	BG	BG
8/9/2021	1	185	3313	1728	1.0	185.0	3312.0	1543.0	PASS	PASS	PASS	PASS	35.93	388	Yes	Yes	BG	BG
8/10/2021	0	159	3394	1697	0.0	159.0	3394.0	1538.0	PASS	PASS	PASS	PASS	14.08	361	Yes	Yes	BG	BG
8/11/2021	0	180	3395	1807	0.0	180.0	3395.0	1627.0	PASS	PASS	PASS	PASS	14.08	383	Yes	Yes	BG	BG
8/12/2021	0	171	3451	1649	0.0	171.0	3451.0	1478.0	PASS	PASS	PASS	PASS	14.08	373	Yes	Yes	BG	BG
8/13/2021	1	167	3351	1644	1.0	167.0	3350.0	1477.0	PASS	PASS	PASS	PASS	35.93	369	Yes	Yes	BG	BG
9/1/2021	1	177	3444	1815	1.0	177.0	3443.0	1638.0	PASS	PASS	PASS	*QUESTION*	35.93	380	Yes	Yes	DB	DB

Initial Background and Source Counts for Control Chart

#	Initial bkg counts				Initial source plus bkg counts			
	Alpha	cpm	Beta	cpm	Alpha	cpm	Beta	cpm
1	1	1	139	139	3279	3279	1764	1764
2	0	0	165	165	3341	3341	1743	1743
3	0	0	192	192	3471	3471	1619	1619
4	0	0	188	188	3390	3390	1683	1683
5	0	0	170	170	3364	3364	1720	1720
6	1	1	152	152	3363	3363	1693	1693
7	0	0	153	153	3392	3392	1655	1655
8	0	0	153	153	3435	3435	1669	1669
9	0	0	194	194	3331	3331	1672	1672
10	1	1	166	166	3457	3457	1652	1652
Mean		0.30		167.2		3382.3		1687.0
$S_{(n-1)}$		0.48		18.88		59.72		44.26
-3 sigma		-1.15		110.55		3203.15		1554.23
+3 sigma		1.75		223.85		3561.45		1819.77
-2 sigma		-0.67		129.43		3262.87		1598.49
+2 sigma		1.27		204.97		3501.73		1775.51

Mean-bkg		3382.0	1519.8
$S_{(n-1)}$		59.81	56.04
Mean-bkg	-3 sigma	3202.58	1351.68
Mean-bkg	+3 sigma	3561.42	1687.92
Mean-bkg	-2 sigma	3262.39	1407.72
Mean-bkg	+2 sigma	3501.61	1631.88

CABRERA ALPHA-BETA COUNTING INSTRUMENT (Rev 6)

Counting Instrument:	Ludlum2929	Detector:	44-10-1	Calibration Date:	6/14/2021
Serial #:	271413	Serial #:	291575	12 month calibration:	OK
Detector Active Area or Area Covered by Smear (cm^2):	100				

	Efficiency (fraction)	Source Nuclide	Source Number	Original Source Activity (DPM)	Source Creation Date	$T_{1/2}$ (yr)	Source Decayed Activity	Required MDA (DPM/100cm^2)	Control Chart & Daily Bkg Count Time	Control Chart & Daily Source-Sample Count Time	Control Chart bkg Average α/β cpm	Control Chart bkg 1 sigma, cpm	Control Chart Source-bkg Average α/β cpm	Control Chart source 1 sigma, cpm
Alpha	0.3180	Th-230	5648-06	15,900	9/24/2012	7.54E+04	15,899	20	10	1	0.06	0.07	5500.8	152.18
Beta	0.1980	Tc-99	5634-05	9,860	8/21/2013	2.11E+05	9,860	200	10	1	36.44	1.40	1943.0	50.44

Date	Daily Bkg Counts		Daily Check Source Counts		Daily Bkg Rate (cpm)		Net Daily Source Rate (cpm)		Bkg QC Pass/Fail		Source QC Pass/Fail		MDA α (dpm)	MDA β (dpm)	α MDA OK?	β MDA OK?	H.P. Technician	Technician Initials
	Alpha	Beta	Alpha	Beta	Alpha	Beta	Alpha	Beta	Alpha	Beta	Alpha	Beta						
7/23/2021	1	351	5653	1927	0.1	35.1	5652.9	1891.9	PASS	PASS	PASS	PASS	12.87	118	Yes	Yes	BG	BG
7/24/2021	0	338	5781	2054	0.0	33.8	5781.0	2020.2	PASS	PASS	PASS	PASS	9.43	116	Yes	Yes	BG	BG
7/26/2021	6	330	5829	2103	0.6	33.0	5828.4	2070.0	FAIL	QUESTION	QUESTION	QUESTION	17.84	115	Yes	Yes	DB	DB
7/27/2021	0	354	5625	2085	0.0	35.4	5625.0	2049.6	PASS	PASS	PASS	QUESTION	9.43	119	Yes	Yes	JG	JG
7/28/2021	0	379	5347	1919	0.0	37.9	5347.0	1881.1	PASS	PASS	PASS	PASS	9.43	122	Yes	Yes	BG	BG
7/29/2021	0	371	5560	2006	0.0	37.1	5560.0	1968.9	PASS	PASS	PASS	PASS	9.43	121	Yes	Yes	BG	BG
7/30/2021	1	345	5541	2022	0.1	34.5	5540.9	1987.5	PASS	PASS	PASS	PASS	12.87	118	Yes	Yes	BG	BG
7/31/2021	0	337	5670	2002	0.0	33.7	5670.0	1968.3	PASS	PASS	PASS	PASS	9.43	116	Yes	Yes	BG	BG
8/2/2021	1	326	5760	1931	0.1	32.6	5759.9	1898.4	PASS	QUESTION	PASS	PASS	12.87	115	Yes	Yes	BG	BG
8/3/2021	1	382	5458	1938	0.1	38.2	5457.9	1899.8	PASS	PASS	PASS	PASS	12.87	123	Yes	Yes	BG	BG
8/4/2021	0	376	5670	2022	0.0	37.6	5670.0	1984.4	PASS	PASS	PASS	PASS	9.43	122	Yes	Yes	BG	BG
8/5/2021	1	356	5626	1992	0.1	35.6	5625.9	1956.4	PASS	PASS	PASS	PASS	12.87	119	Yes	Yes	BG	BG
8/6/2021	1	351	5641	2045	0.1	35.1	5640.9	2009.9	PASS	PASS	PASS	PASS	12.87	118	Yes	Yes	BG	BG
8/7/2021	1	353	5549	2036	0.1	35.3	5548.9	2000.7	PASS	PASS	PASS	PASS	12.87	119	Yes	Yes	BG	BG
8/9/2021	1	362	5643	1978	0.1	36.2	5642.9	1941.8	PASS	PASS	PASS	PASS	12.87	120	Yes	Yes	BG	BG
8/10/2021	0	344	5092	2029	0.0	34.4	5092.0	1994.6	PASS	PASS	QUESTION	PASS	9.43	117	Yes	Yes	BG	BG
8/12/2021	0	356	5729	2066	0.0	35.6	5729.0	2030.4	PASS	PASS	PASS	PASS	9.43	119	Yes	Yes	BG	BG
8/13/2021	1	360	5100	2044	0.1	36.0	5099.9	2008.0	PASS	PASS	QUESTION	PASS	12.87	120	Yes	Yes	BG	BG
8/16/2021	0	365	5630	2074	0.0	36.5	5630.0	2037.5	PASS	PASS	PASS	PASS	9.43	120	Yes	Yes	JG	JG
8/17/2021	0	370	5557	1968	0.0	37.0	5557.0	1931.0	PASS	PASS	PASS	PASS	9.43	121	Yes	Yes	JG	JG
8/18/2021	1	324	5590	1958	0.1	32.4	5589.9	1925.6	PASS	QUESTION	PASS	PASS	12.87	114	Yes	Yes	JG	JG
8/19/2021	1	358	5606	1978	0.1	35.8	5605.9	1942.2	PASS	PASS	PASS	PASS	12.87	119	Yes	Yes	BG	BG
8/20/2021	1	363		1993	0.1	36.3		1956.7	PASS	PASS		PASS		120		Yes	BG	BG
8/23/2021	1	341	5618	1956	0.1	34.1	5617.9	1921.9	PASS	PASS	PASS	PASS	12.87	117	Yes	Yes	BG	BG
8/25/2021	1	358	5586	1993	0.1	35.8	5585.9	1957.2	PASS	PASS	PASS	PASS	12.87	119	Yes	Yes	BG	BG
8/26/2021	1	360	5502	2054	0.1	36.0	5501.9	2018.0	PASS	PASS	PASS	PASS	12.87	120	Yes	Yes	BG	BG
8/28/2021	0	397	5623	2024	0.0	39.7	5623.0	1984.3	PASS	QUESTION	PASS	PASS	9.43	125	Yes	Yes	BG	BG
8/31/2021	2	350	5533	1957	0.2	35.0	5532.8	1922.0	QUESTION	PASS	PASS	PASS	14.29	118	Yes	Yes	DB	DB
9/1/2021	2	369	5590	1958	0.2	36.9	5589.8	1921.1	QUESTION	PASS	PASS	PASS	14.29	121	Yes	Yes	DB	DB
9/2/2021	1	328	5657	2013	0.1	32.8	5656.9	1980.2	PASS	QUESTION	PASS	PASS	12.87	115	Yes	Yes	DB	DB
9/3/2021	0	366	5665	2029	0.0	36.6	5665.0	1992.4	PASS	PASS	PASS	PASS	9.43	121	Yes	Yes	DB	DB

Initial Background and Source Counts for Control Chart

#	Initial bkg counts				Initial source plus bkg counts			
	Alpha	cpm	Beta	cpm	Alpha	cpm	Beta	cpm
1	1	0.1	353	35.3	5098	5098	2036	2036
2	1	0.1	391	39.1	5581	5581	1997	1997
3	1	0.1	347	34.7	5505	5505	2032	2032
4	0	0	375	37.5	5576	5576	1871	1871
5	0	0	346	34.6	5660	5660	2007	2007
6	2	0.2	368	36.8	5543	5543	1964	1964
7	0	0	376	37.6	5471	5471	1988	1988
8	0	0	364	36.4	5489	5489	1952	1952
9	1	0.1	365	36.5	5509	5509	1939	1939
10	0	0	359	35.9	5577	5577	2008	2008
Mean		0.06		36.4		5500.9		1979.4
$S_{(n-1)}$		0.07		1.40		152.16		49.78
-3 sigma		-0.15		32.23		5044.41		1830.05
+3 sigma		0.27		40.65		5957.39		2128.75
-2 sigma		-0.08		33.64		5196.58		1879.84
+2 sigma		0.20		39.24		5805.22		2078.96
					Mean-bkg	5500.8		1943.0
					$S_{(n-1)}$	152.18		50.44
					Mean-bkg	-3 sigma	5044.30	1791.64
					Mean-bkg	+3 sigma	5957.38	2094.28
					Mean-bkg	-2 sigma	5196.48	1842.08
					Mean-bkg	+2 sigma	5805.20	2043.84

ERG

Certificate of Calibration

Calibration and Voltage Plateau

Environmental Restoration Group, Inc.
5200 Washington St NE, Suite 150
Albuquerque, NM 87113
(505) 298-4224
www.ERGoffice.com

Meter: Manufacturer: Ludlum Model Number: 2360 Serial Number: 275772

Detector: Manufacturer: Ludlum Model Number: 43-37 Serial Number: PR216988

✔ Mechanical Check ✔ THR/WIN Operation HV Check (+/- 2.5%): ✔ 500 V ✔ 1000 V ☐ 1500 V

☐ F/S Response Check ✔ Reset Check Cable Length: ☐ 36-inch ✔ 60-inch ☐ Other:

✔ Geotropism ✔ Audio Check

✔ Meter Zeroed ✔ Battery Check

Source Distance: ✔ Contact ☐ 6 inches ☐ Other: Alpha Threshold: 706 mV Barometric Pressure: 24.83 inches Hg

Source Geometry: ☐ Side ✔ Below ☐ Other: Beta Threshold: 2 Temperature: 69 °F

Beta Window: 40 mV Relative Humidity: 44 %

Pulser: Ludlum 500-1 sn 347243 Multimeter: Fluke 177 sn 87490128 Instrument found within tolerance: ✔ Yes ☐ No

Range/Multiplier	Reference Setting	*As Found Reading	Meter Reading	Integrated 1-Min. Count α	Integrated 1-Min. Count β
x 1000	400 Kcpm	400	400	397655	397946
x 1000	100 Kcpm	100	100		
x 100	40 Kcpm	400	400	39794	39793
x 100	10 Kcpm	100	100		
x 10	4 Kcpm	400	400	3980	3980
x 10	1 Kcpm	100	100		
x 1	400 cpm	400	400	398	398
x 1	100 cpm	100	100		

Count Time (min) 1.0

High Voltage	Pot. Setting	Background Counts Gross α	Background Counts Gross β	Background Counts Net α	Background Counts Net β	Alpha Source Counts Gross α	Alpha Source Counts Gross β	Alpha Source Counts Net α	Alpha Source Counts Net β	Beta Source Counts Gross α	Beta Source Counts Gross β	Beta Source Counts Net α	Beta Source Counts Net β	Other Source Counts Gross α	Other Source Counts Gross β	Other Source Counts Net α	Other Source Counts Net β
1575	25	392	1000	2822	1000	2822	800	6	4651	-4	3459						
1600	9	311	1154	2691	1154	2691	962	10	4727	1	4036						
1625	16	379	1367	2759	1367	2759	1154	12	4738	2	4139						
1650	7	1068	2846	2846	2846	2846	2641	733	10	4769	11	3961					

Recommended HV (VDC) 1625 Pot. Setting

Additional Comments: Recommended HV = 1625 Per the Ludlum Report 1999 a 25 volt increase in HV is recommended for each 1000-foot decrease in elevation from calibration location. ERG is at 5200-feet HV should be adjusted to +750 (+125V) for elevation change.

Alpha Source: Th-230 sn 4098-80 (3.800dpm/6.53cpm) (~4121.47mm dist.) Total Efficiency: 0.098 4π Efficiency: 0.184

Beta Source: Tc-99 sn 4098-63 (17,500dpm/13.83cpm) (~4121.47mm dist.) Total Efficiency: 0.095 4π Efficiency: 0.237

Other Source: Total Efficiency: n/a 4π Efficiency: n/a

NOTE: The total efficiency provided is calculated per ISO 7503/1(1988) (E) 1st. MARKKINI. Total Efficiency = Instrument Efficiency x Source Efficiency, where Instrument Efficiency is calculated as net counts ÷ source 2π emission rate. The 4π efficiency is calculated as net counts ÷ source 4π activity. The provided efficiencies are applicable specific and [illegible] using source counts and background counts at the recommended operating HV. The provided efficiencies are for general information purposes only and are not to be used to replace user efficiency calculation method or results.

Calibrated By: [signature] Calibration Date: 7/9/12 Calibration Due: 7/9/13

Reviewed By: [signature] Date: July 9, 2012

ERG Form ITC. 10LC

Designer and Manufacturer of Scientific and Industrial Instruments

www.ludlums.com

CERTIFICATE OF CALIBRATION

LUDLUM MEASUREMENTS, INC.
501 Oak Street
325-235-5494
Sweetwater, TX 79556, U.S.A.

ilac-MRA ACCREDITED CERT # 4084.01

Customer ENVIROMENTAL RESTORATION GRP ORDER NO. 20402142/510235

Mfg. Ludlum Measurements, Inc. Model 2360 Serial No. 193675

Mfg. Ludlum Measurements, Inc. Model 43-93 Serial No. PA292171

Cal. Date 1-Jul-21 Cal Due Date 1-Jul-22 Cal. Interval 1 Year Meterface 202-855

Check mark ☑ applies to applicable instr. and/or detector IAW mfg. spec. T. 73 °F RH 42 % Alt 708.7 mm Hg

☐ New Instrument Instrument Received ☑ Within Toler. +-10% ☐ 10-20% ☐ Out of Tol. ☐ Requiring Repair ☐ Other-See comments

☑ Mechanical ck. ☑ Meter Zeroed ☐ Background Subtract ☐ Input Sens. Linearity
☑ F/S Resp. ck ☑ Reset ck. ☑ Window Operation ☑ Geotropism
☑ Audio ck. ☑ Alarm Setting ck. ☑ Batt. ck. ☐ RS-232 Port OK

☑ Calibrated in accordance with LMI SOP 14.8 ☐ Calibrated in accordance with LMI SOP 14.9

Instrument Volt Set 700 V

☑ HV Readout (2 points) Ref./Inst. 500 / 499 V Ref./Inst. 1500 / 1501 V

Firmware Version: 3910-27 (EEPROM Settings)
Alpha Threshold: 120 mV User Time: 0.1
Beta Threshold: 4 mV Alpha Alarm: 999999
Beta Window: 31 mV Beta Alarm: 999999
Overload checked but not set. A/B Alarm: 999999
Instrument calibrated with a 3911 cable. Model 2360 Date: 1-July-21
High voltage set with detector Disconnected Calibration Date Due: 1-July-22

COMMENTS:

Gamma Calibration: GM detectors positioned perpendicular to source except for M 44-9 in which the front of probe faces source.
Multimeter uncertainty within 1.3% of reading, Gamma uncertainty within 5.0% of reading, Neutron uncertainty within 7.0% of reading, Count rate uncertainty within 5.4% of reading

RANGE/MULTIPLIER	REFERENCE CAL. POINT	INSTRUMENT REC'D "AS FOUND READING"	INSTRUMENT METER READING
x1000	400k cpm	400	400
x1000	100k cpm	100	100
x100	40k cpm	400	400
x100	10k cpm	100	100
x10	4k cpm	400	400
x10	1k cpm	100	100
x1	400 cpm	400	400
x1	100 cpm	100	100

ALL **Range(s) Calibrated Electronically**

	REFERENCE CAL. POINT	INSTRUMENT RECEIVED	INSTRUMENT METER READING
Digital Readout	400kcpm	39931 (0)	39931 (0)
	40kcpm	3993	3993
	4kcpm	400	400
	400cpm	40	40
	40cpm	4	4

	REFERENCE CAL. POINT	INSTRUMENT RECEIVED	INSTRUMENT METER READING
Log Scale			

Ludlum Measurements, Inc. certifies that the above instrument has been calibrated by standards traceable to the National Institute of Standards and Technology, or to the calibration facilities of other International Standards Organization members, or have been derived from accepted values of natural physical constants or have been derived by the ratio type of calibration techniques.
All pass/fail determinations are based on the manufacturer's specifications without considering uncertainty factors. ISO/IEC 17025:2017(E)
Measurement results represent expanded uncertainties expressed at approximately the 95% level of confidence, using a coverage factor of k=2. State of Texas Calibration License No. LO-1963
The calibration system conforms to the requirements of ANSI/NCSL Z540-1-1994 and ANSI N323AB-2013

Reference Instruments and/or Sources: Cs-137 S/N: ☐ 059 ☐ 2171CP ☐ 2261CP ☐ 720 ☐ 734 ☐ 781 ☐ 1131 ☐ 1616 ☐ 1696 ☐ 1909 ☐ 1916CP ☐ 2324/2521
☐ 5717CO ☐ 5719CO ☐ 60646 ☐ 70897 ☐ 73410 ☐ E552 ☐ G112 ☐ 2168CP ☐ S-394 ☐ S-1054 ☐ T10081 ☐ T10082 Neutron Am-241 Be ☐ T-304 Ra-226 ☐
☐ E551 ☐ 5105 ☐ CSV280

☑ Alpha S/N Pu239:2928 ☑ Beta S/N Tc99:NI-EV,SrY90:7249 ☐ Other

☑ m 500 S/N 289158 ☐ Oscilloscope S/N ☑ Multimeter S/N 20870423

Calibrator Jeramy Thompson Title Calibrator Date 1-July-21

QC'd By Title Final QC Date 1 Jul 21

This certificate shall not be reproduced except in full, without the written approval of Ludlum Measurements, Inc.

AC Inst. Only ☐ Passed Dielectric (Hi-Pot) and Continuity ☐ Failed:

www.ludlums.com

Designer and Manufacturer
of
Scientific and Industrial
Instruments

LUDLUM MEASUREMENTS, INC.
501 Oak Street
325-235-5494
Sweetwater, TX 79556, U.S.A.

Bench Test Data For Detector

Customer ENVIROMENTAL RESTORATION GRP ORDER NO. 20402142/510235

Detector 43-93 Serial No. PR292171

Counter 2360 Serial No. 193675

Count Time 1 Minute

Other _____

Alpha Input Sensitivity 123 mV

Beta Input Sensitivity 4 mV

Beta Window 31 mV

Distance Source to Detector Surface

High Voltage	Background		Isotope Pu239 Size ≈25,200dpm		Isotope Tc99 Size ≈22,700dpm		Isotope Sr90 Size ≈54,751dpm	
	Alpha	Beta	Alpha	Beta	Alpha	Beta	Alpha	Beta
675	1	151	5669	429	3	4622	1	15663
* 700	3	226	5561	756	0	5624	2	17132
725	0	246	5688	2543	0	6565	9	19130

☐ Gas Proportional detector count rate decreased ≤ 10% after 15 hour static test using 39" cable.

☐ Gas proportional detector count rate decreased ≤ 10% after 5 hour static test using 39" cable and alpha/beta counter.

Signature Jeramy Thompson Jeremy Thompson Date 1 July 21 ~~30 Jun 21~~ JT

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Certificate of Calibration

Calibration and Voltage Plateau

Environmental Restoration Group, Inc.
8809 Washington St NE, Suite #150
Albuquerque, NM 87113
(505) 298-4224
www.ERGoffice.com

Meter/Detector: Manufacturer: Ludlum Model Number: 2929 & 43-10-1 Serial Number: 271413 & PR291575

- [x] Mechanical Check
- [ ] F/S Response Check
- [ ] Geotropism
- [ ] Meter Zeroed
- [x] THR/WIN Operation
- [ ] Reset Check
- [x] Audio Check
- [ ] Battery Check

HV Check (+/- 2.5%): [x] 500 V [x] 1000 V [x] 1500 V

Cable Length: [x] 39-inch [ ] 72-inch [ ] Other:

Source Distance: [ ] Contact [ ] 6 inches [x] Other: In Planchet

Source Geometry: [ ] Side [ ] Below [x] Other: In Planchet

Pulser Ludlum 500-1 sn 347243 Multimeter n/a

Alpha Threshold: 175 mV Barometric Pressure: 24.6 inches Hg

Beta Threshold: 4 mV Temperature: 74 °F

Beta Window: 50 mV Relative Humidity: 20 %

Instrument found within tolerance: [x] Yes [ ] No

Range/Multiplier	Reference Setting	Integrated 1-Min. Count "As Found" α	Integrated 1-Min. Count "As Found" β	Integrated 1-Min. Count "Reading" α	Integrated 1-Min. Count "Reading" β
x 1000	400 Kcpm	397939	397956	397939	397956
x 100	40 Kcpm	39796	39797	39796	39797
x 10	4 Kcpm	3980	3980	3980	3980
x 1	400 cpm	398	396	398	396

Count Time (min) 1.0

High Voltage	Pot. Setting	Background Counts α	Background Counts β	Alpha Source Counts Gross α	Alpha Source Counts Gross β	Alpha Source Counts Net α	Alpha Source Counts Net β	Beta Source Counts Gross α	Beta Source Counts Gross β	Beta Source Counts Net α	Beta Source Counts Net β	Other Source Counts Gross α	Other Source Counts Gross β	Other Source Counts Net α	Other Source Counts Net β
550	2.40	0	14	1683	594	1683	580	2	1159	2	1145				
600	2.60	1	47	3349	383	3348	336	2	2594	1	2547				
650	2.80	1	50	4070	378	4069	328	5	3557	4	3507				
700	3.00	4	100	4494	488	4490	388	4	4380	0	4280				

Recommended HV (VDC) 650 Pot. Setting 2.80

Additional Comments:

Alpha Source: Th-230 sn:4098-03 12,800dpm/6,520cpm (1/4/12) 47mm disk Total Efficiency: 0.156 4π Efficiency: 0.318

Beta Source: Tc-99 sn:4099-03 17,700dpm/11,100cpm (1/4/12) 47mm disk Total Efficiency: 0.079 4π Efficiency: 0.198

Other Source: Total Efficiency: n/a 4π Efficiency: n/a

NOTE: The total efficiency provided is calculated per ISO-7503/NUREG 1575 (MARSSIM): Total Efficiency = Instrument Efficiency × Source Efficiency; where Instrument Efficiency is calculated as net counts ÷ source 2π emission rate. The 4π efficiency is calculated as net counts ÷ source 4π activity. The provided efficiencies are radionuclide specific and are calculated using source counts and background counts at the recommended operating HV. The provided efficiencies are for general information purposes only and are not intended to replace user efficiency calculation method or results.

Calibrated By:

Reviewed By:

Calibration Date 6/14/21 Calibration Due: 6/14/22

Date: 06-14-21

This calibration conforms to the requirements and acceptable calibration conditions of ANSI N323A - 1997

Safety and Ecology Corporation

ERG Certificate of Calibration

Calibration and Voltage Plateau

Environmental Restoration Group, Inc.
1009 Washington St NE, Suite #150
Albuquerque, NM 87133
(505) 298-4224
www.ERGaffect.com

Meter: Manufacturer: Ludlum Model Number: 2221 Serial Number: 282973

Detector: Manufacturer: Ludlum Model Number: 44-2 Serial Number: 051914B2

- ✔ Mechanical Check
- ✔ F/S Response Check
- ✔ Geotropism
- ✔ Meter Zeroed
- ✔ THERYON Operation
- ✔ Reset Check
- ✔ Audio Check
- ✔ Battery Check

HV Check (+/- 2.5%): ✔ 500 V ✔ 1000 V ✔ 1500 V

Cable Length: ☐ 36 inch ✔ 48 inch ☐ Other:

Source Distance: ☐ Contact ✔ 5 inches ☐ Other

Source Geometry: ✔ Side ☐ Beam ☐ Other:

Probe: Ludlum 500-1 or 347343 Multimeter: n/a

Threshold: 10 mV Window:

Barometric Pressure: 24.66 inches Hg

Temperature: 72 °F

Relative Humidity: 31 %

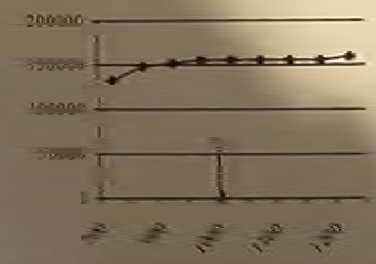
Instrument found within tolerance: ✔ Yes ☐ No

Range Multiplier	Reference Setting	"As Found Reading"	Meter Reading	Integrated 1-Min. Count	Log Scale Count
x 1000	400	400	400	396778	400
x 1000	100	100	100		100
x 100	400	400	400	39683	400
x 100	100	100	100		100
x 10	400	400	400	3968	400
x 10	100	100	100		100
x 1	400	400	400	397	400
x 1	100	100	100		100

Count Time (min): 1.0

High Voltage	Source Counts	Background Counts	Net Counts
700	132846	15865	116981
800	148260	21480	126780
900	152937	22475	129782
950	154517	22626	131891
→ 1000	155682	22553	133049
1050	155073	23021	132952
1100	155295	22999	132516
1150	154859	23152	131783
1200	158886		158886

Voltage Plateau



Recommended HV (VDC): 1,000

Additional Comments:

Source 1: Co-[illegible] 5.2 μCi (1.9 kBq) Beta

Source 2:

Total Efficiency: n/a 4π Efficiency: n/a

Total Efficiency: n/a 4π Efficiency: n/a

NOTE: The total efficiency provided is calculated per ISO [illegible] (MARSSIM) Total Efficiency = Instrument Efficiency x Source Efficiency where Instrument Efficiency is equivalent to the counts / source 2π emission rate. The 4π efficiency is calculated as net counts / source 4π activity. The provided efficiencies are representative species and were calculated using source counts and background counts at the recommended operating HV. The provided efficiencies are for general information purposes only and are not intended to replace user efficiency calculation methods or results.

Calibrated By: [signature] Calibration Date: 7/9/21 Calibration Due: 7/9/22

Reviewed By: [signature] Date: July 9, 2021

ERG Form ITC.101.A

This instrument is found to be operational and acceptable calibration conditions of ANSI N323A-2012

Eckert & Ziegler Nuclitec GmbH
Gieselweg 1
38110 Braunschweig
Tel +49 5307 932-0
Fax +49 5307 932-293

Eckert & Ziegler

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Deutsche Akkreditierungsstelle GmbH

DAkkS Deutsche Akkreditierungsstelle D-K-15203-01-00

als Kalibrierlaboratorium im / *as calibration laboratory in the*

Deutschen Kalibrierdienst DKD

Kalibrierzeichen *Calibration mark*	026031
	D-K-15203-01-00
	2013-05

Kalibrierschein
Calibration certificate

Strahler Nr. / *Source number* AC-2448

Gegenstand *Object*	**Beta Wide Area Reference Source**
Hersteller *Manufacturer*	**Eckert & Ziegler Nuclitec GmbH**
Typ *Type*	**TCR07032**
Strahler-Nr. *Source number*	**AC-2448**
Auftraggeber *Customer*	**Eckert & Ziegler Analytics USA-Atlanta, GA 30318**
Auftragsnummer *Order No.*	**CO00155161**
Anzahl der Seiten des Kalibrierscheines *Number of pages of the certificate*	**2**
Datum der Kalibrierung *Date of calibration*	**25 April 2013**

Dieser Kalibrierschein dokumentiert die Rückführung auf nationale Normale zur Darstellung der Einheiten in Übereinstimmung mit dem Internationalen Einheitensystem (SI).
Die DAkkS ist Unterzeichner der multilateralen Übereinkommen der European co-operation for Accreditation (EA) und der International Laboratory Accreditation Cooperation (ILAC) zur gegenseitigen Anerkennung der Kalibrierscheine.
Für die Einhaltung einer angemessenen Frist zur Wiederholung der Kalibrierung ist der Benutzer verantwortlich.

This calibration certificate documents the traceability to notional standards, which realize the units of measurement according to the International System of Units (SI).
The DAkkS is signatory to the multilateral agreements of the European co-operation for Accreditation (EA) and of the International Laboratory Accreditation Cooperation (ILAC) for the mutual recognition of calibration certificates.
The user is obliged to have the object recalibrated at appropriate intervals.

Dieser Kalibrierschein darf nur vollständig und unverändert weiterverbreitet werden. Auszüge oder Änderungen bedürfen der Genehmigung sowohl der Deutschen Akkreditierungsstelle GmbH als auch des ausstellenden Kalibrierlaboratoriums. Kalibrierscheine ohne Unterschrift haben keine Gültigkeit.

This calibration certificate may not be reproduced other than in full except with the permission of both the Deutsche Akkreditierungsstelle GmbH and the issuing laboratory. Calibration certificates without signature are not valid.

Datum *Date*	Leiter des Kalibrierlaboratoriums *Head of the calibration laboratory*	Bearbeiter *Person in charge*
13 May 2013	Dr. Thieme i.A. E. Haid	i.A. T. Scholl Schueler

026031
D-K-15203-01-00
2013-05

Beta Wide Area Reference Source

Source no.	AC-2448
Drawing	VZ-628-001
Nuclide	Technetium-99
Activity	3.79 kBq
Beta surface emission rate	1.83E03 s^{-1} in 2 π steradian
Reference date	25 April 2013 at 12:00 UTC
Dimensions of active surface	150 mm x 100 mm
Overall dimensions	170 mm x 120 mm x 3 mm
Leakage and contamination test	The amount of the removable activity does not exceed 10 Bq. (Wipe test according to ISO 9978, no. 5.3.1)
Wipe test passed on	13 May 2013
Construction	Tc-99 is incorporated into the surface of an anodized aluminium foil of 0.3 mm thickness. The thickness of the activated layer is approximately 6 µm. The activated foil is mounted into a holder.
Measuring method	The activity was determined by comparison with a reference source of the same construction. The beta surface emission rate was measured using a windowless proportional counter.
Traceability	Additional to the direct traceability to the PTB through the DAkkS this product complies with the requirements for traceability to NIST specified in the American National Standard "Traceability of Radioactive Sources to the NIST and Associated Instrument Quality Control (ANSI N42.22-1995)". As a requirement of the ANSI N42.22-1995 Eckert & Ziegler Nuclitec GmbH participates in the NRMAP/NIST Measurements Assurance Program of the Nuclear Power Industry.
Uncertainty	The relative uncertainty of the activity is 5 %, the relative uncertainty of the beta surface emission rate is 3 %. The reported uncertainty, determined according to the DAkkS-DKD-3 report is based on the standard uncertainty multiplied by a coverage factor of k = 2, providing a level of confidence of 95 %. (Ref. NIST Technical Note 1297/"Guide to the Expression of Uncertainty in Measurement" ISO Guide, 1995)
Radioactive impurities	Related to Tc-99 (equal 100 %) the following radioactive impurities were detected: none
Quality assurance system	The quality assurance system of Eckert & Ziegler Nuclitec GmbH was certified by Lloyd's Register Quality Assurance (LRQA) according to ISO 9001, issue 2008. Isotrak products meet the requirements of 10CFR50 Appendix B in the USA.
Uniformity	The uniformity of the surface emission rate is better than 10 %.
Remark	This is an EZN Class 2 reference source. Ref: PO#3950/SO#32561, End User Ref: PO#13-0185

Eckert & Ziegler Nuclitec GmbH
Gieselweg 1
38110 Braunschweig
Tel +49 5307 932-0
Fax +49 5307 932-293

Eckert & Ziegler

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Deutsche Akkreditierungsstelle GmbH

DAkkS Deutsche Akkreditierungsstelle D-K-15203-01-00

als Kalibrierlaboratorium im / *as calibration laboratory in the*

Deutschen Kalibrierdienst DKD

Kalibrierzeichen *Calibration mark*	026288
	D-K-15203-01-00
	2013-07

Kalibrierschein
Calibration certificate

Strahler Nr. / *Source number* AC-2446

Gegenstand *Object*	**Alpha Wide Area Reference Source**
Hersteller *Manufacturer*	**Eckert & Ziegler Nuclitec GmbH**
Typ *Type*	**TZRB6470**
Strahler-Nr. *Source number*	**AC-2446**
Auftraggeber *Customer*	**Eckert & Ziegler Analytics** **Atlanta, GA 30318** **United States of America**
Auftragsnummer *Order No.*	**CO00155161**
Anzahl der Seiten des Kalibrierscheines *Number of pages of the certificate*	**2**
Datum der Kalibrierung *Date of calibration*	**25 July 2013**

Dieser Kalibrierschein dokumentiert die Rückführung auf nationale Normale zur Darstellung der Einheiten in Übereinstimmung mit dem Internationalen Einheitensystem (SI).
Die DAkkS ist Unterzeichner der multilateralen Übereinkommen der European co-operation for Accreditation (EA) und der International Laboratory Accreditation Cooperation (ILAC) zur gegenseitigen Anerkennung der Kalibrierscheine.
Für die Einhaltung einer angemessenen Frist zur Wiederholung der Kalibrierung ist der Benutzer verantwortlich.

This calibration certificate documents the traceability to national standards, which realize the units of measurement according to the International System of Units (SI).
The DAkkS is signatory to the multilateral agreements of the European co-operation for Accreditation (EA) and of the International Laboratory Accreditation Cooperation (ILAC) for the mutual recognition of calibration certificates.
The user is obliged to have the object recalibrated at appropriate intervals.

Dieser Kalibrierschein darf nur vollständig und unverändert weiterverbreitet werden. Auszüge oder Änderungen bedürfen der Genehmigung sowohl der Deutschen Akkreditierungsstelle GmbH als auch des ausstellenden Kalibrierlaboratoriums. Kalibrierscheine ohne Unterschrift haben keine Gültigkeit.
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Datum *Date*	Leiter des Kalibrierlaboratoriums *Head of the calibration laboratory*	Bearbeiter *Person in charge*
30 July 2013	i. V. Dr. Thieme	i.A. T. Scholl Schueler

026288
D-K-15203-01-00
2013-07

Alpha Wide Area Reference Source

Source no.	AC-2446
Drawing	VZ-628-001
Nuclide	Thorium-230
Activity	2.21 kBq
Alpha surface emission rate	1.08E03 s^{-1} in 2 π steradian
Reference date	25 July 2013 at 12:00 UTC
Dimensions of active surface	150 mm x 100 mm
Overall dimensions	150 mm x 120 mm x 3 mm
Leakage and contamination test	The amount of the removable activity does not exceed 10 Bq. (Wipe test according to ISO 9978, no. 5.3.1)
Wipe test passed on	30 July 2013
Construction	Th-230 is incorporated into the surface of an anodized aluminium foil of 0.3 mm thickness. The thickness of the activated layer is approximately 6 µm. The activated foil is mounted into a holder.
Measuring method	The activity was determined by comparison with a reference source of the same construction. The alpha surface emission rate was measured using a windowless proportional counter.
Traceability	Additional to the direct traceability to the PTB through the DAkkS this product complies with the requirements for traceability to NIST specified in the American National Standard "Traceability of Radioactive Sources to the NIST and Associated Instrument Quality Control (ANSI N42.22-1995)". As a requirement of the ANSI N42.22-1995 Eckert & Ziegler Nuclitec GmbH participates in the NRMAP/NIST Measurements Assurance Program of the Nuclear Power Industry.
Uncertainty	The relative uncertainty of the activity is 3 %, the relative uncertainty of the alpha surface emission rate is 3 %. The reported uncertainty, determined according to the DAkkS-DKD-3 report is based on the standard uncertainty multiplied by a coverage factor of k = 2, providing a level of confidence of 95 %. (Ref. NIST Technical Note 1297/"Guide to the Expression of Uncertainty in Measurement" ISO Guide, 1995)
Radioactive impurities	Related to Th-230 (equal 100 %) the following radioactive impurities were detected: none
Quality assurance system	The quality assurance system of Eckert & Ziegler Nuclitec GmbH was certified by Lloyd's Register Quality Assurance (LRQA) according to ISO 9001, issue 2008. Isotrak products meet the requirements of 10CFR50 Appendix B in the USA.
Uniformity	The uniformity of the surface emission rate is better than 10 %.
Remark	This is an EZN Class 2 reference source. Ref: PO#3950/SO#32561, End User Ref: PO#13-0185

Eckert & Ziegler Nuclitec GmbH
Gieselweg 1
38110 Braunschweig
Tel +49 5307 932-0
Fax +49 5307 932-293

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DAkkS Deutsche Akkreditierungsstelle D-K-15203-01-00

als Kalibrierlaboratorium im / *as calibration laboratory in the*

Deutschen Kalibrierdienst DKD

026055
D-K-15203-01-00
2013-05

Kalibrierzeichen
Calibration mark

Kalibrierschein
Calibration certificate

Strahler Nr. / *Source number* AC-2450

Gegenstand *Object*	**Beta Wide Area Reference Source**
Hersteller *Manufacturer*	**Eckert & Ziegler Nuclitec GmbH**
Typ *Type*	**SIR07032**
Strahler-Nr. *Source number*	**AC-2450**
Auftraggeber *Customer*	**Eckert & Ziegler Analytics** **Atlanta, GA 30318** **United States of America**
Auftragsnummer *Order No.*	**CO00155161**
Anzahl der Seiten des Kalibrierscheines *Number of pages of the certificate*	**2**
Datum der Kalibrierung *Date of calibration*	**22 May 2013**

Dieser Kalibrierschein dokumentiert die Rückführung auf nationale Normale zur Darstellung der Einheiten in Übereinstimmung mit dem Internationalen Einheitensystem (SI).
Die DAkkS ist Unterzeichner der multilateralen Übereinkommen der European co-operation for Accreditation (EA) und der International Laboratory Accreditation Cooperation (ILAC) zur gegenseitigen Anerkennung der Kalibrierscheine.
Für die Einhaltung einer angemessenen Frist zur Wiederholung der Kalibrierung ist der Benutzer verantwortlich.

This calibration certificate documents the traceability to national standards, which realize the units of measurement according to the International System of Units (SI).
The DAkkS is signatory to the multilateral agreements of the European co-operation for Accreditation (EA) and of the International Laboratory Accreditation Cooperation (ILAC) for the mutual recognition of calibration certificates.
The user is obliged to have the object recalibrated at appropriate intervals.

Dieser Kalibrierschein darf nur vollständig und unverändert weiterverbreitet werden. Auszüge oder Änderungen bedürfen der Genehmigung sowohl der Deutschen Akkreditierungsstelle GmbH als auch des ausstellenden Kalibrierlaboratoriums. Kalibrierscheine ohne Unterschrift haben keine Gültigkeit.

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Datum *Date*	Leiter des Kalibrierlaboratoriums *Head of the calibration laboratory*	Bearbeiter *Person in charge*
28 May 2013	Dr. Thieme i.A. E. Heid	Schueler E. Schueler

026055
D-K-15203-01-00
2013-05

Beta Wide Area Reference Source

Source no.	AC-2450
Drawing	VZ-628-001
Nuclide	Strontium-90
Activity	3.49 kBq
Beta surface emission rate	4.50E03 s^{-1} in 2 π steradian
Reference date	22 May 2013 at 12:00 UTC
Dimensions of active surface	150 mm x 100 mm
Overall dimensions	170 mm x 120 mm x 3 mm
Leakage and contamination test	The amount of the removable activity does not exceed 10 Bq. (Wipe test according to ISO 9978, no. 5.3.1)
Wipe test passed on	27 May 2013
Construction	Sr-90 is incorporated into the surface of an anodized aluminium foil of 0.3 mm thickness. The thickness of the activated layer is approximately 6 µm. The activated foil is mounted into a holder.
Measuring method	The activity was determined by comparison with a reference source of the same construction. The beta surface emission rate was measured using a windowless proportional counter.
Traceability	Additional to the direct traceability to the PTB through the DAkkS this product complies with the requirements for traceability to NIST specified in the American National Standard "Traceability of Radioactive Sources to the NIST and Associated Instrument Quality Control (ANSI N42.22-1995)". As a requirement of the ANSI N42.22-1995 Eckert & Ziegler Nuclitec GmbH participates in the NRMAP/NIST Measurements Assurance Program of the Nuclear Power Industry.
Uncertainty	The relative uncertainty of the activity is 5 %, the relative uncertainty of the beta surface emission rate is 3 %. The reported uncertainty, determined according to the DAkkS-DKD-3 report is based on the standard uncertainty multiplied by a coverage factor of k = 2, providing a level of confidence of 95 %. (Ref. NIST Technical Note 1297/"Guide to the Expression of Uncertainty in Measurement" ISO Guide, 1995)
Radioactive impurities	Related to Sr-90 (equal 100 %) the following radioactive impurities were detected: none
Quality assurance system	The quality assurance system of Eckert & Ziegler Nuclitec GmbH was certified by Lloyd's Register Quality Assurance (LRQA) according to ISO 9001, issue 2008. Isotrak products meet the requirements of 10CFR50 Appendix B in the USA.
Uniformity	The uniformity of the surface emission rate is better than 10 %.
Remark	This is an EZN Class 2 reference source. Ref: PO#3950/SO#32561 End user Reference PO#13-0185

Eckert & Ziegler Nuclitec GmbH
Gieselweg 1
38110 Braunschweig
Tel +49 5307 932-0
Fax +49 5307 932-293

Eckert & Ziegler

akkreditiert durch die / *accredited by the*

Deutsche Akkreditierungsstelle GmbH

DAkkS Deutsche Akkreditierungsstelle D-K-15203-01-00

als Kalibrierlaboratorium im / *as calibration laboratory in the*

Deutschen Kalibrierdienst DKD

026045
D-K-15203-01-00
2013-05

Kalibrierzeichen
Calibration mark

Kalibrierschein
Calibration certificate

Strahler Nr. / *Source number* AC-2449

Gegenstand *Object*	**Beta Wide Area Reference Source**
Hersteller *Manufacturer*	**Eckert & Ziegler Nuclitec GmbH**
Typ *Type*	**CIR07032**
Strahler-Nr. *Source number*	**AC-2449**
Auftraggeber *Customer*	**Eckert & Ziegler Analytics Atlanta, GA 30318, USA**
Auftragsnummer *Order No.*	**CO00155161**
Anzahl der Seiten des Kalibrierscheines *Number of pages of the certificate*	**2**
Datum der Kalibrierung *Date of calibration*	**25 April 2013**

Dieser Kalibrierschein dokumentiert die Rückführung auf nationale Normale zur Darstellung der Einheiten in Übereinstimmung mit dem Internationalen Einheitensystem (SI).
Die DAkkS ist Unterzeichner der multilateralen Übereinkommen der European co-operation for Accreditation (EA) und der International Laboratory Accreditation Cooperation (ILAC) zur gegenseitigen Anerkennung der Kalibrierscheine.
Für die Einhaltung einer angemessenen Frist zur Wiederholung der Kalibrierung ist der Benutzer verantwortlich.

This calibration certificate documents the traceability to national standards, which realize the units of measurement according to the International System of Units (SI).
The DAkkS is signatory to the multilateral agreements of the European co-operation for Accreditation (EA) and of the International Laboratory Accreditation Cooperation (ILAC) for the mutual recognition of calibration certificates.
The user is obliged to have the object recalibrated at appropriate intervals.

Dieser Kalibrierschein darf nur vollständig und unverändert weiterverbreitet werden. Auszüge oder Änderungen bedürfen der Genehmigung sowohl der Deutschen Akkreditierungsstelle GmbH als auch des ausstellenden Kalibrierlaboratoriums. Kalibrierscheine ohne Unterschrift haben keine Gültigkeit.

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Datum *Date*	Leiter des Kalibrierlaboratoriums *Head of the calibration laboratory*	Bearbeiter *Person in charge*
22 May 2013	Dr. Thieme	Schueler

026045
D-K-15203-01-00
2013-05

Beta Wide Area Reference Source

Source no.	AC-2449
Drawing	VZ-628-001
Nuclide	Chlorine-36
Activity	3.90 kBq
Beta surface emission rate	2.48E03 s^{-1} in 2 π steradian
Reference date	25 April 2013 at 12:00 UTC
Dimensions of active surface	150 mm x 100 mm
Overall dimensions	170 mm x 120 mm x 3 mm
Leakage and contamination test	The amount of the removable activity does not exceed 10 Bq. (Wipe test according to ISO 9978, no. 5.3.1)
Wipe test passed on	22 May 2013
Construction	Cl-36 is incorporated into the surface of an anodized aluminium foil of 0.3 mm thickness. The thickness of the activated layer is approximately 6 µm. The activated foil is mounted into a holder.
Measuring method	The activity was determined by comparison with a reference source of the same construction. The beta surface emission rate was measured using a windowless proportional counter.
Traceability	Additional to the direct traceability to the PTB through the DAkkS this product complies with the requirements for traceability to NIST specified in the American National Standard "Traceability of Radioactive Sources to the NIST and Associated Instrument Quality Control (ANSI N42.22-1995)". As a requirement of the ANSI N42.22-1995 Eckert & Ziegler Nuclitec GmbH participates in the NRMAP/NIST Measurements Assurance Program of the Nuclear Power Industry.
Uncertainty	The relative uncertainty of the activity is 5 %, the relative uncertainty of the beta surface emission rate is 3 %. The reported uncertainty, determined according to the DAkkS-DKD-3 report is based on the standard uncertainty multiplied by a coverage factor of k = 2, providing a level of confidence of 95 %. (Ref. NIST Technical Note 1297/"Guide to the Expression of Uncertainty in Measurement" ISO Guide, 1995)
Radioactive impurities	Related to Cl-36 (equal 100 %) the following radioactive impurities were detected: none
Quality assurance system	The quality assurance system of Eckert & Ziegler Nuclitec GmbH was certified by Lloyd's Register Quality Assurance (LRQA) according to ISO 9001, issue 2008. Isotrak products meet the requirements of 10CFR50 Appendix B in the USA.
Uniformity	The uniformity of the surface emission rate is better than 10 %.
Remark	This is an EZN Class 2 reference source. Ref: PO#3950/SO#32561, End User Ref: PO#13-0185

EBERLINE SERVICES

CERTIFICATE OF CALIBRATION

Electroplated Alpha Standard

S.O.# 3863
P.O.# 02-055

Description of Standard:

Model No. DNS-11 Serial No. 3972-02 Isotope Th-230

Electroplated on polished SS disc, 0.79 mm thick.

Total diameter of 4.77 cm and an active diameter of 4.45 cm.

The radioactive material is permanently fixed to the disc by heat treatment without any covering over the active surface.

Measurement Method:

The 2pi alpha emission rate was measured using an internal gas flow proportional chamber. Absolute counting of alpha particles emitted in the hemisphere above the active surface was verified by counting above, below, and at the operative voltage. The calibration is traceable to NIST by reference to an NIST calibrated alpha source S/N 2393/91.

Measurement Result:

The observed alpha particles emitted from the surface of the disc per minute (cpm) on the calibration date was:

7,970 ± 398

The total disintegration rate (dpm) assuming 1.5% backscatter of alpha particles from the surface of the disc, was:

15,700 ± 785 (0.00708 μCi)

The uncertainty of the measurement is 5 %, which is the sum of random counting error at the 99% confidence level, and the estimated upper limit of systematic error in this measurement.

Calibrated by: ART REUST Reviewed by:

Calibration Technician: Art Reust Q.A. Representative:

Calibration Date: 4-29-2002 Reviewed Date: 4-29-02

Analytical Services
7021 Pan American Freeway NE
Albuquerque, New Mexico 87109-4238
(505) 345-3461 Fax (505) 761-5416
Toll Free (866) RAD-LABS (723-5227)
www.eberlineservices.com

EBERLINE SERVICES

CERTIFICATE OF CALIBRATION

Electroplated Beta Standard

S.O.# 3863
P.O# 02-055

Description of Standard:

Model No. DNS-12 Serial No. 3974-02 Isotope Tc-99

Electroplated on polished SS disc, 0.79 mm thick.

Total diameter of 4.77 cm and an active diameter of 4.45 cm.

The radioactive material is permanently fixed to the disc by heat treatment without any covering over the active surface.

Measurement Method:

The 2pi beta emission rate was measured using an internal gas flow proportional chamber. Absolute counting of beta particles emitted in the hemisphere above the active surface was verified by counting above, below, and at the operative voltage. The calibration is traceable to NIST by reference to an NIST calibrated beta source S/N 2148/90.

Measurement Result:

The observed beta count rate from the surface of the disc per minute (cpm) on the calibration date was:

10,400 ± 414

The total disintegration rate (dpm) assuming 25 % backscatter of beta particles from the surface of the disc, was:

16,600 ± 663 (0.00747 μCi)

The uncertainty of the measurement is 4 %, which is the sum of random counting error at the 99% confidence level, and the estimated upper limit of systematic error in this measurement.

Calibrated by: ART REUST Reviewed by:

Calibration Technician: Art Reust Q.A. Representative:

Calibration Date: 4-25-2002 Reviewed Date: 4/29/02

Analytical Services
7021 Pan American Freeway NE
Albuquerque, New Mexico 87109-4238
(505) 345-3461 Fax (505) 761-5416
Toll Free (866) RAD-LABS (723-5227)
www.eberlineservices.com

EBERLINE SERVICES

CERTIFICATE OF CALIBRATION

Electroplated Beta Standard

S.O.# 3863
P.O# 02-055

Description of Standard:

Model No. DNS-12 Serial No. 3974-02 Isotope Tc-99

Electroplated on polished SS disc, 0.79 mm thick.

Total diameter of 4.77 cm and an active diameter of 4.45 cm.

The radioactive material is permanently fixed to the disc by heat treatment without any covering over the active surface.

Measurement Method:

The 2pi beta emission rate was measured using an internal gas flow proportional chamber. Absolute counting of beta particles emitted in the hemisphere above the active surface was verified by counting above, below, and at the operative voltage. The calibration is traceable to NIST by reference to an NIST calibrated beta source S/N 2148/90.

Measurement Result:

The observed beta count rate from the surface of the disc per minute (cpm) on the calibration date was:

10,400 ± 414

The total disintegration rate (dpm) assuming 25 % backscatter of beta particles from the surface of the disc, was:

16,600 ± 663 (0.00747 μCi)

The uncertainty of the measurement is 4 %, which is the sum of random counting error at the 99% confidence level, and the estimated upper limit of systematic error in this measurement.

Calibrated by: ART REUST Reviewed by:

Calibration Technician: Art Reust Q.A. Representative:

Calibration Date: 4-25-2002 Reviewed Date: 4/29/02

Analytical Services
7021 Pan American Freeway NE
Albuquerque, New Mexico 87109-4238
(505) 345-3461 Fax (505) 761-5416
Toll Free (866) RAD-LABS (723-5227)
www.eberlineservices.com

Eckert & Ziegler
Isotope Products

24937 Avenue Tibbitts
Valencia, California 91355

Tel 661•309•1010
Fax 661•257•8303

CERTIFICATE OF CALIBRATION
GAMMA STANDARD SOURCE

Radionuclide:	Co-60	**Customer:**	CABRERA SERVICES, INC.
Half-life:	5.272 ± 0.001 years	**P.O. No.:**	12-0217
Catalog No.:	GF-060-D	**Reference Date:**	15-May-12 12:00 PST
Source No.:	1592-30-5	**Contained Radioactivity:**	1.040 **µCi** 38.48 **kBq**

Physical Description:

A.	Capsule type:	D (25.4 mm OD x 6.35 mm THK)
B.	Nature of active deposit:	Evaporated metallic salt
C.	Active diameter/volume:	5 mm
D.	Backing:	Epoxy
E.	Cover:	Acrylic

Radioimpurities:

None detected

Method of Calibration:

This source was assayed using gamma ray spectrometry.

Peak energy used for integration:	1173, 1333 keV
Branching ratio used:	0.9986, 0.9998 gammas per decay

Uncertainty of Measurement:

A.	Type A (random) uncertainty:	± 0.5 %
B.	Type B (systematic) uncertainty:	± 3.0 %
C.	Uncertainty in aliquot weighing:	± 0.0 %
D.	Total uncertainty at the 99% confidence level:	± 3.0 %

Notes:

- See reverse side for leak test(s) performed on this source.
- EZIP participates in a NIST measurement assurance program to establish and maintain implicit traceability for a number of nuclides, based on the blind assay (and later NIST certification) of Standard Reference Materials (as in NRC Regulatory Guide 4.15).
- Nuclear data was taken from IAEA-TECDOC-619, 1991.
- This source has a working life of 5 years.

Daniel James Van Dalsem
Quality Control

16-Apr-12
Date

EZIP Ref. No.: 1592-30

CABRERA SERVICES
RADIOLOGICAL · ENGINEERING · REMEDIATION

ISO-7503 EFFICIENCY (ε) WORKSHEET (Rev. 0)

INSTRUMENT/TECHNICIAN DETAILS

	Instrument	Detector
Make	Ludlum	Ludlum
Model	2360	43-37
Unique ID#	275772	PR216988
Cal. Due, YYYY-MM-DD	2022-07-09	
t_b - Bkgd. Count Time, min	5.0	
Bkgd. Total Counts (beta)	2425	
Detector Active Area, cm^2		584
Window Areal Density, mg/cm^2		1.2

2pi efficiency data	
Technician (First, Last)	Doug Beard
Validation (First, Last)	Scott Hay
2 Pi Test Date, YYYY-MM-DD	2021-08-19
Test Site	BNL - Stack Demolition

SOURCE DETAILS

Source	Th-230	H-3	C-14	Tc-99	Cl-36	Sr-90
Emission Type	α	β^-	β^-	β^-	β^-	β^-
Unique ID#	AC-2446	OR-256	AC-2447	AC-2448	AC-2449	AC-2450
Cert. Date, YYYY-MM-DD	2013-07-25	2006-11-01	2013-04-25	2013-04-25	2013-04-25	2013-05-22
Source Active Area, cm^2	150	100	150	150	150	150
Radioactive Half-life, yrs	75380	12.3	5700	211100	301000	28.8
Cert. Surface Emission Rate (SER), sec^{-1}	1080	1110	1260	1830	2480	4500
Decay Corrected (SER), sec^{-1}	1080	483	1259	1830	2480	3690
Mean Emission Energy, keV	4667	5.7	49	85	252	565
End-Point Emission Energy, keV	4684	18.6	156	294	710	2280
ε_s - Source Efficiency	0.25	0.25	0.25	0.25	0.50	0.50
t_s - Source Count Time, min	5	5	5	2	1	1

TEST DATA (enter gross counts - target >30000, required>10000 counts)

Contact	67,887			91,782	68,193	95,806
+1 cm	44,438			83,808	61,098	89,236
+2 cm	1,659			68,491	56,574	81,025

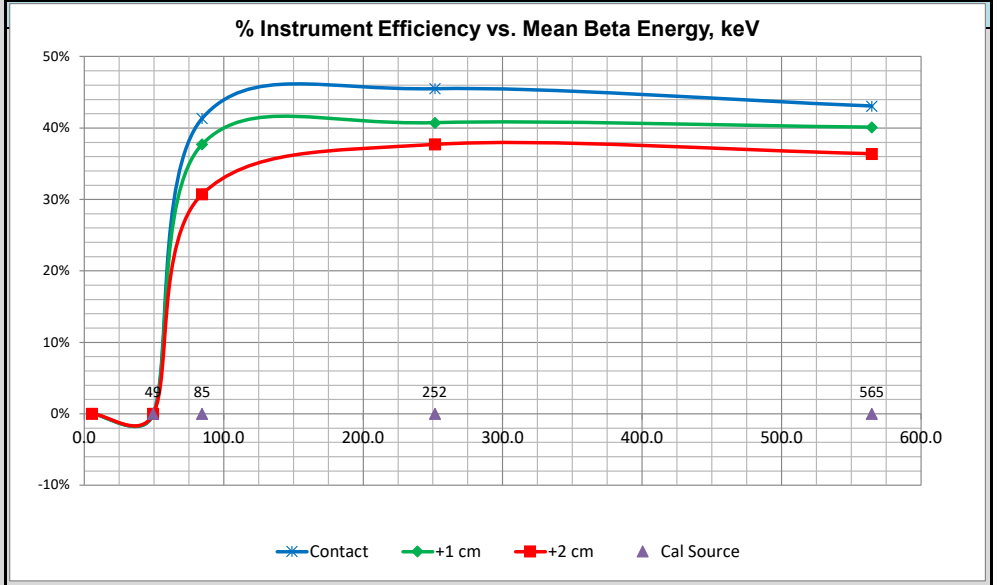
INSTRUMENT EFFICIENCY (ε_i)

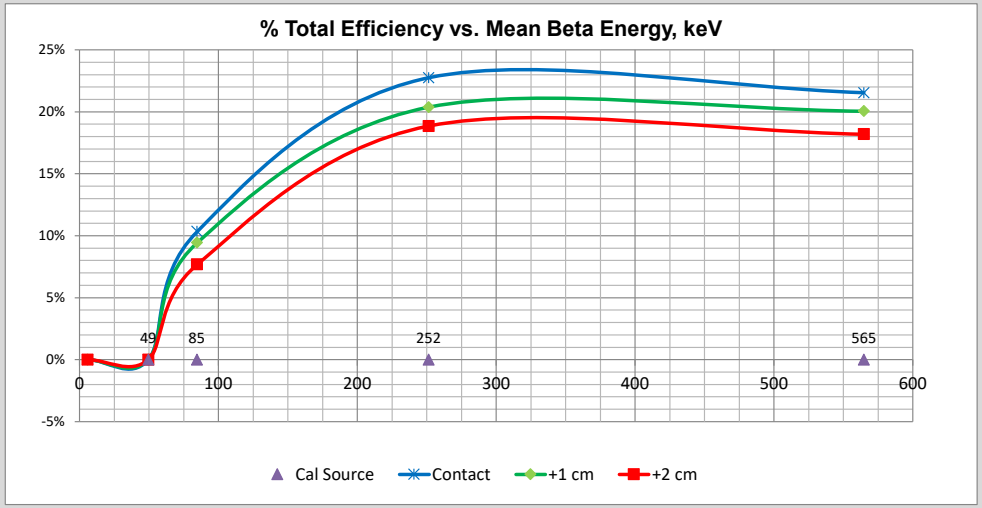
Contact	0.210			0.414	0.455	0.431
+1 cm	0.137			0.377	0.407	0.401
+2 cm	0.005			0.307	0.377	0.364

TOTAL EFFICIENCY (ε_T)

Contact	0.0524			0.1034	0.228	0.215
+1 cm	0.034			0.094	0.204	0.200
+2 cm	0.001			0.077	0.188	0.182

ISO-7503 EFFICIENCY (ε) WORKSHEET





CABRERA SERVICES
RADIOLOGICAL · ENGINEERING · REMEDIATION

ISO-7503 EFFICIENCY (ε) WORKSHEET (Rev. 0)

INSTRUMENT/TECHNICIAN DETAILS

	Instrument	Detector
Make	Ludlum	Ludlum
Model	2360	43-93
Unique ID#	292171	PR193675
Cal. Due, YYYY-MM-DD	2022-07-01	
t_b - Bkgd. Count Time, min	10.0	
Bkgd. Total Counts (beta)	1,672.0	
Detector Active Area, cm^2		100
Window Areal Density, mg/cm^2		1.2

2pi efficiency data	
Technician (First, Last)	Wade Fillingame
Validation (First, Last)	Scott Hay
2 Pi Test Date, YYYY-MM-DD	2021-09-08
Test Site	BNL - Stack Demolition

SOURCE DETAILS

Source	Th-230	H-3	C-14	Tc-99	Cl-36	SrY-90
Emission Type	α	β^-	β^-	β^-	β^-	β^-
Unique ID#	1328	OR-256	AC-2447	1309	AC-2449	AC-2450
Cert. Date, YYYY-MM-DD	2012-09-24	2006-11-01	2013-04-25	2013-02-25	2013-04-25	2013-05-22
Source Active Area, cm^2	18	100	150	18	150	150
Radioactive Half-life, yrs	75380	12.3	5700	211100	301000	28.8
Cert. Surface Emission Rate (SER), sec^{-1}	135	1110	1260	103	2480	4500
Decay Corrected (SER), sec^{-1}	135	481	1259	103	2480	3685
Mean Emission Energy, keV	4667	5.7	49	85	252	565
End-Point Emission Energy, keV	4684	18.6	156	294	710	2280
ε_S - Source Efficiency	0.25	0.25	0.25	0.50	0.50	0.50
t_s - Source Count Time, min	3.5	5	10	6.5	1	1

TEST DATA (enter gross counts - target >30000, required>10000 counts)

Contact	11,060			10,701		
+1 cm						
+2 cm						

INSTRUMENT EFFICIENCY (ε_i)

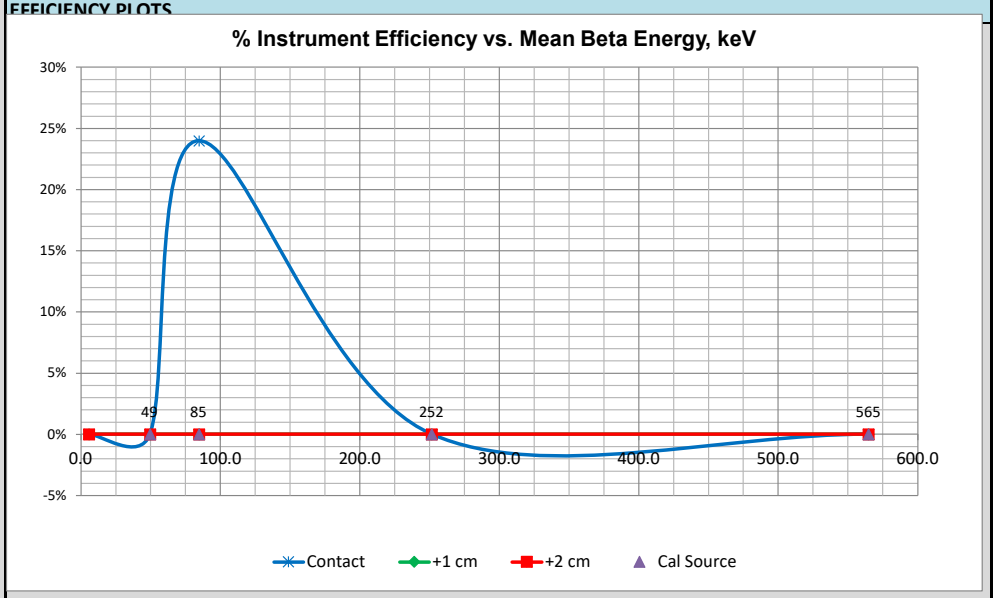
Contact	0.391			0.240		
+1 cm						
+2 cm						

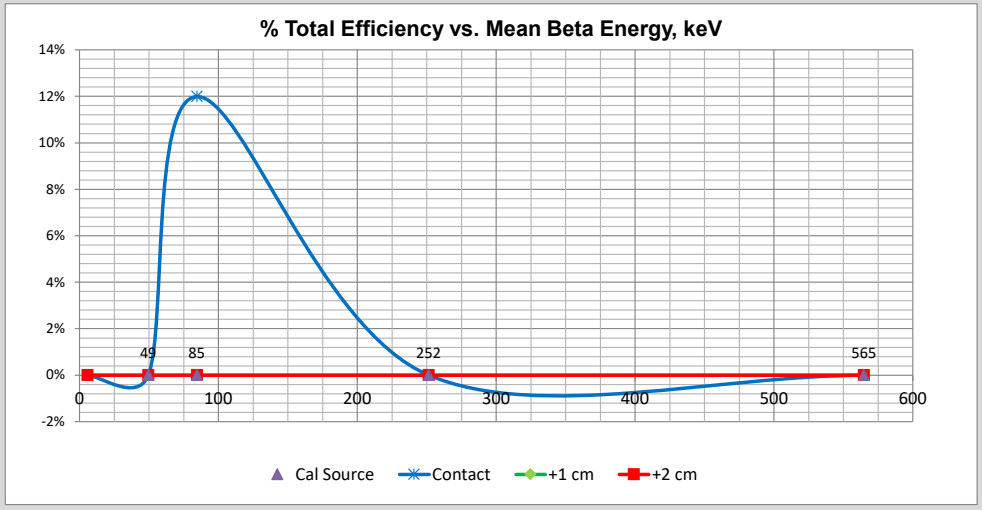
TOTAL EFFICIENCY (ε_T)

Contact	0.0977			0.1199		
+1 cm						
+2 cm						

ISO-7503 EFFICIENCY (ε) WORKSHEET

EFFICIENCY PLOTS





ISO-7503 EFFICIENCY (ε) WORKSHEET (Rev. 0)

INSTRUMENT/TECHNICIAN DETAILS

	Instrument	Detector
Make	Ludlum	Ludlum
Model	2929	43-10-1
Unique ID#	271413	PR291575
Cal. Due, YYYY-MM-DD	2022-06-14	
t_b - Bkgd. Count Time, min	100.0	
Bkgd. Total Counts (beta)	3,644.0	
Detector Active Area, cm^2		100
Window Areal Density, mg/cm^2		1.2

2pi efficiency data	
Technician (First, Last)	Wade Fillingame
Validation (First, Last)	Scott Hay
2 Pi Test Date, YYYY-MM-DD	2021-07-22
Test Site	BNL - Stack Demolition

SOURCE DETAILS

Source	Th-230	H-3	C-14	Tc-99	Cl-36	SrY-90
Emission Type	α	β^-	β^-	β^-	β^-	β^-
Unique ID#	1328	OR-256	AC-2447	1309	AC-2449	AC-2450
Cert. Date, YYYY-MM-DD	2012-09-24	2006-11-01	2013-04-25	2013-02-25	2013-04-25	2013-05-22
Source Active Area, cm^2	18	100	150	18	150	150
Radioactive Half-life, yrs	75380	12.3	5700	211100	301000	28.8
Cert. Surface Emission Rate (SER), sec^{-1}	135	1110	1260	103	2480	4500
Decay Corrected (SER), sec^{-1}	135	485	1259	103	2480	3696
Mean Emission Energy, keV	4667	5.7	49	85	252	565
End-Point Emission Energy, keV	4684	18.6	156	294	710	2280
ε_s - Source Efficiency	0.25	0.25	0.25	0.50	0.50	0.50
t_s - Source Count Time, min	10	5	10	10	1	1

TEST DATA (enter gross counts - target >30000, required>10000 counts)

Contact	55,009			19,794		
+1 cm						
+2 cm						

INSTRUMENT EFFICIENCY (ε_i)

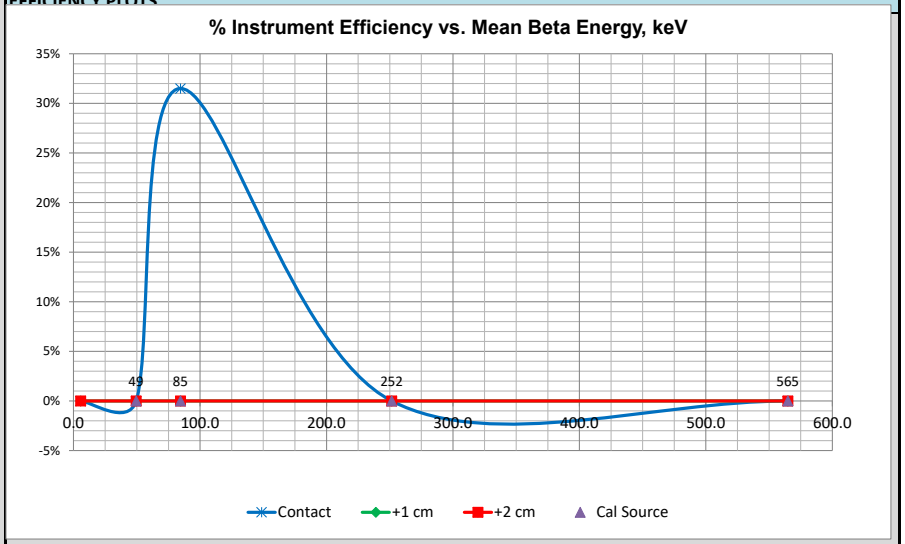
Contact	0.680			0.315		
+1 cm						
+2 cm						

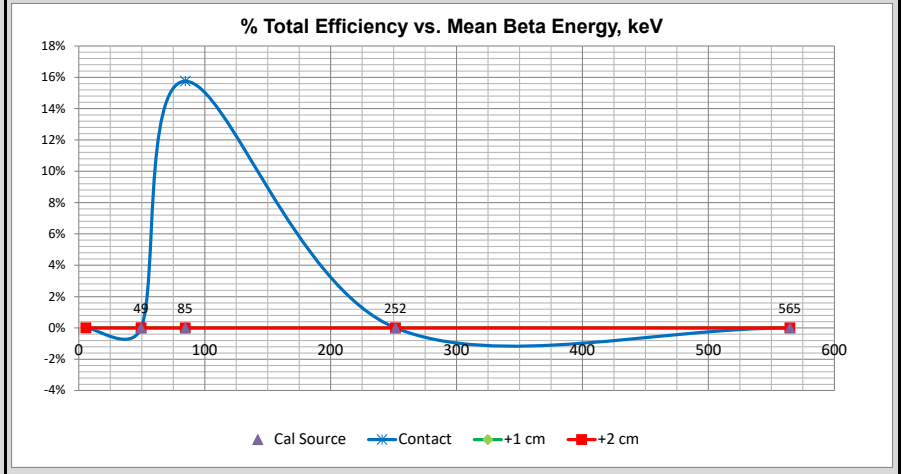
TOTAL EFFICIENCY (ε_T)

Contact	0.1700			0.1575		
+1 cm						
+2 cm						

ISO-7503 EFFICIENCY (ε) WORKSHEET

EFFICIENCY PLOTS





APPENDIX B

Scan Minimum Detectable Concentration Calculations

Surface gamma scanning will be performed as part of the final status survey. Scan surveys will be performed to identify areas of elevated gamma radiation that could result from potential contamination. The results of the surface gamma scan surveys will be used to determine when a final status survey can be initiated. The scan survey results will also be used to identify areas of elevated gamma radiation where bias measurements will be performed to demonstrate compliance with the derived concentration guideline level. This appendix describes the methods used to develop a priori scan minimum detectable concentrations (MDCs) used to support selection of instrumentation and measurement methods based on the project measurement quality objectives.

1.0 SCAN MINIMUM DETECTABLE CONCENTRATION

Hand-held 3-inch by 3-inch thallium-activated sodium iodide (NaI(Tl)) detectors will be used to scan for elevated concentrations of Cs-137, Ra-226, and other gamma-emitting radionuclides in soil. The assumptions, methodology, and calculation of the detector response using the 3-inch by 3-inch NaI(Tl) detectors over soil areas for anticipated conditions and situations are described in this section. For this calculation, the detector is assumed to be suspended 15 cm above the center of the source of gamma radiation. The source is assumed to be uniformly contaminated soil 15 cm thick with a diameter of 56 cm. The calculations and methodologies used to determine the MDC follow the guidance contained in NUREG-1507, Section 6.8.2 (USNRC, 1997).

1.1 SCAN MDC CALCULATION AND METHODOLOGY

The methodology used to determine the NaI(Tl) detector scan MDC is based on NUREG-1507, Section 6.8.2. Factors included in this analysis are the surveyor scan efficiency, index of sensitivity, the natural background of the surveyed area, scan rate, detector to source geometry, areal extent of the hot spot, and energy and yield of gamma emissions.

Microshield® was used to model the presence of a normalized 1 picocurie per gram (pCi/g) total Cs-137, Ra-226, or Am-241 activity in soil with the further assumption that the activity is uniformly distributed to a depth of 15 cm and spread over a disk-shaped area with a diameter of 56 cm, simulating the area of a 55-gallon drum. The uncontaminated soil cover has zero thickness (contamination extends to the surface) and there is a 0.51 cm aluminum shield surrounding the NaI(Tl) detector. The assumed density of soil is 1.6 grams per cubic centimeter (g/cm^3). Federal Guidance Report 12 composition was used for the soil constituents. This model is consistent with the NUREG-1507 methodology and provides for calculating a count rate to exposure rate ratio (counts per minute/microroentgen per hour [cpm/μR/hr]).

The following sections provide tabulated data based upon the NUREG-1507 methodology as applied toward the NaI(Tl) detector planned for this survey, volumetric soil contamination extending to the surface, and a 56-cm diameter disc of soil uniformly contaminated to a depth of 15 cm. The dose point is centered 15 cm over the contaminated disk of soil, where the NaI(Tl) detector will be suspended. Additional details and discussion describing the NUREG analysis methodology are described in that publication. Tables 1, 2, and 3 include scan MDC calculations for a 2-inch by 2-inch NaI detector (Model 44-10), 3-inch by 3-inch NaI detector (Model 44-20), a Field Instrument for the Detection of Low Energy Radiation (FIDLER, Model G-5), and a large area 4-inch by 4-inch by 16 inch NaI detector (Model RSI 700). Microshield® outputs are attached at the end of this appendix.

1.1.1 Fluence Rate to Exposure Rate (FRER, no units)

The fluence rate to exposure rate (FRER) may be approximated using NUREG-1507 Equation 6-15:

FRER ~ (1 μR/hr)/(E_γ)(μ_{en}/ρ)$_{air}$

Where,

E_γ = energy of the gamma photon of concern, kiloelectron volts (keV)

(μ_{en}/ρ)$_{air}$ = the mass energy absorption coefficient for air, square centimeters per gram (cm^2/g)

The FRER is shown in tabular form in Table 1 for Cs-137, Table 2 for Ra-226, and Table 3 for Am-241.

1.1.2 Probability of Interaction (P) Through Detector End for a Given Energy

The probability, P, of a gamma ray interaction in the NaI scintillation crystal entering through the end of the crystal is given by NUREG-1507 Equation 6-16:

$$Probability\ (P) = 1 - e^{-(\mu/\rho)_{NaI}(X)(\rho_{NaI})}$$

Where;

(μ/ρ)$_{NaI}$ = the mass attenuation coefficient for NaI

X = the thickness of the 3-inch by 3-inch NaI(Tl) crystal, 7.6 cm

ρ_{NaI} = the density of the NaI(Tl) crystal, 3.67 g/cm^3

Values for P are listed in Tables 1, 2, and 3.

1.1.3 Relative Detector Response

The Relative Detector Response (RDR) by energy is determined by multiplying the relative fluence rate to exposure rate (FRER) by the probability (P) of an interaction and is given by:

RDR = FRER (table 1) x P (from Table 2)

Values for RDR are listed in Tables 1, 2, and 3.

1.1.4 Determination of cpm per μR/hr as a Function of Energy

The FRER, P, and finally RDR have been calculated at a range of energies for a NaI(Tl) detector. Calculation of these values specifically at the cesium-137 (^{137}Cs) energy of 662 keV has also been performed.

If:

- the energy$_\gamma$ (based upon ^{137}Cs) is 662 keV, and
- the FRER conversion at 662 keV is 0.0514, and
- the mass energy absorption coefficient is 0.0294 cm^2/g, and
- the mass attenuation coefficient of a NaI crystal is 0.078 cm^2/g, and
- the probability of interaction, P, at 662 keV is 0.77 for the 44-10 detector.

Then:

- the ^{137}Cs RDR at 662 keV is 0.039 for the 44-10 detector.

The detector manufacturer, Ludlum Instruments, provides a value of 900 cpm per µR/h for the Ludlum Model 44-10 2-inch by 2-inch NaI(Tl) detector for ^{137}Cs at 662 keV.

Finally, the cpm per µR/h at each energy for the NaI(Tl) detector is obtained by taking the ratio of the RDR for a specific energy to the RDR for ^{137}Cs at 662 keV, and multiplying by the manufacturer-provided detector response at 662 keV of 900 cpm per µR/h using the following equation:

$$Detector\ Response_{E_i} = (Detector\ Response_{Cs-137}) \times \frac{RDR_{E_i}}{RDR_{Cs-137}}$$

Where:

E_i = Gamma energy, keV

RDR = relative detector response from Table 3

$\text{Detector Response}_{\text{Cs-137}}$ = Manufacturer provided value, 900 cpm per µR/h

The detector response for each energy is provided in cpm per µR/h in Tables 1, 2, and 3.

1.1.5 Determination of Detector Weighted Response

Finally, the detector weighted response expressed as a ratio of count rate to exposure rate for the sum of the gamma emissions and their contribution to the total exposure rate for each radionuclide may be computed using the output of the Microshield® calculation and the detector response values from Tables 1, 2, and 3.

The detector weighted response is calculated using NUREG-1507 Equation 6-17:

$$Detector\ Weighted\ Response_{E_i} = \frac{Exposure\ Rate_{E_i}}{Exposure\ Rate_{Total}} \times Detector\ Response_{E_i}$$

Where:

E_i = Gamma energy, keV

$\text{Exposure Rate}_{\text{Ei}}$ = Energy specific MicroShield exposure rate, µR/h

$\text{Exposure Rate}_{\text{Total}}$ = Sum of energy specific MicroShield exposure rates, µR/h

Tables 1, 2, and 3 provide the detector weighted response in cpm per µR/h, along with the total exposure rate based on the MicroShield calculation.

1.1.6 Determination of Scan MDC

The minimum detectable count rate, MDCR, is calculated by combining NUREG-1507 Equations 6-4 and 6-5:

$\text{MDCR} = (d') \times (b_i)^{0.5} \times (60\ \text{sec}/1\ \text{min})$

Where d' is equal to 1.38 from table 6.1 of NUREG-1507, and represents the rate of detections at a 95% true positive proportion with a false positive proportion of 60%. The number of background counts during the count interval is b_i. The reference area background count rate is estimated at

approximately 9,000 cpm (150 cps) for the Model 44-10 detector. The MDCR value for a scan speed of 0.5 m/s with an observation interval of 2 seconds is 958 counts.

The Minimum Detectable Count Rate for the surveyor is calculated as:

$MDCR_{surveyor} = MDCR/(p)^{0.5}$

Where

p = Surveyor Efficiency, equal to 0.5 (NUREG-1507 suggests values between 0.5 and 0.75)

The $MDCR_{surveyor}$ for Cs-137 is 1,355 counts for the Model 44-10.

The Minimum Detectable Exposure Rate ($MDER_{surveyor}$) for the surveyor is obtained by dividing the $MDCR_{surveyor}$, 1,355 counts for Cs-137, by the total Detector Weighted Response, 1,026 cpm per μR/hr for Cs-137 its progeny for the Model 44-10 from Table 1. The $MDER_{surveyor}$ for Cs-137 with a scan speed of 0.5 m/s is 1.32 μR/hr for the Model 44-10.

The scan MDC is equal to the ratio of the $MDER_{surveyor}$, 1.32 μR/hr, to the total weighted MicroShield® Exposure Rate for the normalized 1 pCi/g concentration of Cs-137, 0.15 μR/hr. The Scan MDC value for ^{137}Cs for a Model 44-10 NaI detector with a scan speed of 0.5 m/s is 8.8 pCi/g.

1.2 CONCLUSION

The 2-inch by 2-inch Model 44-10 NaI scintillation detector scan MDC suspended 15 cm over the surface being measured for Cs-137 uniformly distributed in surface soil with dimensions of 56 cm diameter and 15 cm thick, is estimated to be 8.8 pCi/g for a scan speed of 0.5 m/s. The scan MDC for Ra-226 is calculated to be 2.7 pCi/g, and the scan MDC for Am-241 is calculated to be 8.9 pCi/g. These values as computed indicate the 2-inch by 2-inch NaI detector is a sensitive instrument that agrees with scan MDC data presented in NUREG-1507 Section 6.8.2 and MARSSIM Table 6.7 for the contaminants of concern.

Table A-1. Cs-137 Scan MDC Calculation

Index MDC Calculations Cs-137 @ 6"

$Energy_g$ (keV)	$(u_{en}/r)_{air}$ (cm^2/g)	Fluence Rate to Exposure Rate	$(u_{en}/r)_{NaI}$ (cm^2/g)	Probability of Interaction				Relative Detector Response				Counts per Minute per MicroRoentgen per Hour (cpm per uR/hr)				MicroShield Exposure Rate (uR/hr, with buildup)	Weighted cpm per uR/hr			
				44-10	44-20	G5	RSI 700	44-10	44-20	G5	RSI 700	44-10	44-20	G5	RSI 700		44-10	44-20	G5	RSI 700
15	1.29	0.0517	47.4	1.00	1.00	1.00	1.00	0.052	0.052	0.052	0.052	1,179	3,063	28,926	842	1.11E-10	0	0	0	0
20	0.516	0.0969	22.3	1.00	1.00	1.00	1.00	0.097	0.097	0.097	0.097	2,211	5,743	54,236	1,579	0.00E+00	0	0	0	0
30	0.147	0.2268	7.45	1.00	1.00	0.99	1.00	0.227	0.227	0.224	0.227	5,173	13,440	125,322	3,696	1.90E-04	7	17	158	5
40	0.064	0.3906	19.3	1.00	1.00	1.00	1.00	0.391	0.391	0.391	0.391	8,912	23,152	218,637	6,367	1.92E-04	11	30	280	8
50	0.0384	0.5208	10.7	1.00	1.00	1.00	1.00	0.521	0.521	0.520	0.521	11,883	30,870	290,975	8,490	0.00E+00	0	0	0	0
60	0.0292	0.5708	6.62	1.00	1.00	0.98	1.00	0.571	0.571	0.559	0.571	13,022	33,830	312,924	9,304	0.00E+00	0	0	0	0
80	0.0236	0.5297	3.12	1.00	1.00	0.84	1.00	0.530	0.530	0.445	0.530	12,084	31,393	249,002	8,633	0.00E+00	0	0	0	0
100	0.0231	0.4329	1.72	1.00	1.00	0.64	1.00	0.433	0.433	0.275	0.433	9,876	25,658	154,050	7,056	0.00E+00	0	0	0	0
150	0.0251	0.2656	0.625	1.00	1.00	0.31	1.00	0.266	0.266	0.082	0.266	6,060	15,742	45,668	4,329	0.00E+00	0	0	0	0
200	0.0268	0.1866	0.334	1.00	1.00	0.18	1.00	0.186	0.187	0.033	0.187	4,248	11,057	18,597	3,041	0.00E+00	0	0	0	0
300	0.0288	0.1157	0.167	0.96	0.99	0.09	1.00	0.111	0.115	0.011	0.116	2,525	6,795	6,051	1,883	0.00E+00	0	0	0	0
400	0.0296	0.0845	0.117	0.89	0.96	0.07	0.99	0.075	0.081	0.006	0.083	1,711	4,814	3,139	1,359	0.00E+00	0	0	0	0
500	0.0297	0.0673	0.0955	0.83	0.93	0.05	0.97	0.056	0.063	0.004	0.065	1,279	3,713	2,055	1,066	0.00E+00	0	0	0	0
600	0.0296	0.0563	0.0826	0.79	0.90	0.05	0.95	0.044	0.051	0.003	0.054	1,011	3,004	1,492	876	1.50E-01	1,008	2,996	1,488	873
662	0.0294	0.0514	0.07794	0.77	0.89	0.04	0.95	0.039	0.046	0.002	0.049	900	2,700	1,287	792					
800	0.0289	0.0433	0.0676	0.72	0.85	0.04	0.92	0.031	0.037	0.002	0.040	708	2,175	942	648	0.00E+00	0	0	0	0
1,000	0.0280	0.0357	0.0586	0.67	0.80	0.03	0.89	0.024	0.029	0.001	0.032	543	1,704	676	517	0.00E+00	0	0	0	0
1,500	0.0255	0.0261	0.0469	0.58	0.73	0.03	0.83	0.015	0.019	0.001	0.022	349	1,131	397	352	0.00E+00	0	0	0	0
2,000	0.0234	0.0214	0.0413	0.54	0.68	0.02	0.79	0.012	0.015	0.001	0.017	262	866	287	274	0.00E+00	0	0	0	0
3,000	0.0205	0.0163	0.0367	0.50	0.64	0.02	0.75	0.008	0.010	0.000	0.012	184	617	194	198					
																1.50E-01	1,026	3,043	1,927	886

cpm per uR/hr (@ energy of interest for RSI)	900	2,700	1,287	792
Fluence Rate to Exposure Rate (@ energy of interest for RSI)	0.0514	0.0514	0.0514	0.0514
Background Exposure Rate (uR/hr)	10	10	10	1
Micoshield Modeled Radius (cm)	28	28	28	28
Micoshield Modeled Area (cm^2)	2,463	2,463	2,463	2,463
Micoshield Modeled Thickness (cm)	15	15	15	15
Micoshield Modeled Volume (cc)	36,945	36,945	36,945	36,945
Micoshield Modeled Mass (g)	59,112	59,112	59,112	59,112
Background (counts per second)	150.0	450.0	214.5	13.2
Scan Speed (cm/sec)	50.0	50.0	50.0	101.9
Observation Interval (seconds)	1.12	1.12	1.12	0.55
Background (counts per observation interval)	168.0	504.0	240.2	7.3
Background Variability Rate (percent)	0.15	0.15	0.15	0.15
Minimum Detectable Count Rate (cpm)	958	1,660	1,146	406
Surveyor Efficiency	0.5	0.5	0.5	0.5
MDCRsurveyor (cpm)	1,355	2,347	1,621	574
Minimum Detectable Exposure Rate Rate (uR/hr)	1.506	0.869	1.259	0.725
MDERsurveyor (uR/hr)	1.320	0.771	0.841	0.648
Microshield Modeled Concentration (pCi/g)	1	1	1	1
Microshield Modeled Density (g/cc)	1.6	1.6	1.6	1.6
Microshield Modeled Concentration (uCi/cc)	1.6E-06	1.6E-06	1.6E-06	1.6E-06
Micoshield Modeled Activity (uCi)	5.9E-02	5.9E-02	5.9E-02	5.9E-02
Top Surface Area (square centimeters)	2,463	2,463	2,463	2,463
Micoshield Modeled Activity (dpm/100 cm^2)	5,328	5,328	5,328	5,328
Scan MDC (pCi/g)	8.8	5.1	5.6	4.32

Table A-2. Ra-226 Scan MDC Calculation

Index MDC Calculations Ra-226 @ 6"

$Energy_g$ (keV)	$(u_{en}/r)_{air}$ (cm^2/g)	Fluence Rate to Exposure Rate	$(u_{en}/r)_{NaI}$ (cm^2/g)	Probability of Interaction				Relative Detector Response				Counts per Minute per MicroRoentgen per Hour (cpm per uR/hr)				MicroShield Exposure Rate (uR/hr, with buildup)	Weighted cpm per uR/hr			
				44-10	44-20	G5	RSI 700	44-10	44-20	G5	RSI 700	44-10	44-20	G5	RSI 700		44-10	44-20	G5	RSI 700
15	1.29	0.0517	47.4	1.00	1.00	1.00	1.00	0.052	0.052	0.052	0.052	1,179	3,063	28,926	842	3.92E-09	0	0	0	0
20	0.516	0.0969	22.3	1.00	1.00	1.00	1.00	0.097	0.097	0.097	0.097	2,211	5,743	54,236	1,579	0.00E+00	0	0	0	0
30	0.147	0.2268	7.45	1.00	1.00	0.99	1.00	0.227	0.227	0.224	0.227	5,173	13,440	125,322	3,696	0.00E+00	0	0	0	0
40	0.064	0.3906	19.3	1.00	1.00	1.00	1.00	0.391	0.391	0.391	0.391	8,912	23,152	218,637	6,367	0.00E+00	0	0	0	0
50	0.0384	0.5208	10.7	1.00	1.00	1.00	1.00	0.521	0.521	0.520	0.521	11,883	30,870	290,975	8,490	1.18E-03	31	81	767	22
60	0.0292	0.5708	6.62	1.00	1.00	0.98	1.00	0.571	0.571	0.559	0.571	13,022	33,830	312,924	9,304	0.00E+00	0	0	0	0
80	0.0236	0.5297	3.12	1.00	1.00	0.84	1.00	0.530	0.530	0.445	0.530	12,084	31,393	249,002	8,633	1.02E-02	276	717	5,687	197
100	0.0231	0.4329	1.72	1.00	1.00	0.64	1.00	0.433	0.433	0.275	0.433	9,876	25,658	154,050	7,056	6.87E-05	2	4	24	1
150	0.0251	0.2656	0.625	1.00	1.00	0.31	1.00	0.266	0.266	0.082	0.266	6,060	15,742	45,668	4,329	0.00E+00	0	0	0	0
200	0.0268	0.1866	0.334	1.00	1.00	0.18	1.00	0.186	0.187	0.033	0.187	4,248	11,057	18,597	3,041	8.07E-03	76	199	335	55
300	0.0288	0.1157	0.167	0.96	0.99	0.09	1.00	0.111	0.115	0.011	0.116	2,525	6,795	6,051	1,883	2.07E-02	117	314	280	87
400	0.0296	0.0845	0.117	0.89	0.96	0.07	0.99	0.075	0.081	0.006	0.083	1,711	4,814	3,139	1,359	4.75E-02	181	510	333	144
500	0.0297	0.0673	0.0955	0.83	0.93	0.05	0.97	0.056	0.063	0.004	0.065	1,279	3,713	2,055	1,066	2.64E-03	8	22	12	6
600	0.0296	0.0563	0.0826	0.79	0.90	0.05	0.95	0.044	0.051	0.003	0.054	1,011	3,004	1,492	876	8.26E-02	186	553	275	161
662	0.0294	0.0514	0.07794	0.77	0.89	0.04	0.95	0.039	0.046	0.002	0.049	900	2,700	1,287	792					
800	0.0289	0.0433	0.0676	0.72	0.85	0.04	0.92	0.031	0.037	0.002	0.040	708	2,175	942	648	1.98E-02	31	96	42	29
1,000	0.0280	0.0357	0.0586	0.67	0.80	0.03	0.89	0.024	0.029	0.001	0.032	543	1,704	676	517	7.80E-02	94	297	118	90
1,500	0.0255	0.0261	0.0469	0.58	0.73	0.03	0.83	0.015	0.019	0.001	0.022	349	1,131	397	352	6.49E-02	50	164	58	51
2,000	0.0234	0.0214	0.0413	0.54	0.68	0.02	0.79	0.012	0.015	0.001	0.017	262	866	287	274	1.13E-01	66	218	72	69
3,000	0.0205	0.0163	0.0367	0.50	0.64	0.02	0.75	0.008	0.010	0.000	0.012	184	617	194	198					
																4.48E-01	1,119	3,174	8,000	912

cpm per uR/hr (@ energy of interest for RSI)	900	2,700	1,287	792
Fluence Rate to Exposure Rate (@ energy of interest for RSI)	0.0514	0.0514	0.0514	0.0514
Background Exposure Rate (uR/hr)	10	10	10	1
Micoshield Modeled Radius (cm)	28	28	28	28
Micoshield Modeled Area (cm^2)	2,463	2,463	2,463	2,463
Micoshield Modeled Thickness (cm)	15	15	15	15
Micoshield Modeled Volume (cc)	36,945	36,945	36,945	36,945
Micoshield Modeled Mass (g)	59,112	59,112	59,112	59,112
Background (counts per second)	150.0	450.0	214.5	13.2
Scan Speed (cm/sec)	50.0	50.0	50.0	101.9
Observation Interval (seconds)	1.12	1.12	1.12	0.55
Background (counts per observation interval)	168.0	504.0	240.2	7.3
Background Variability Rate (percent)	0.15	0.15	0.15	0.15
Minimum Detectable Count Rate (cpm)	958	1,660	1,146	406
Surveyor Efficiency	0.5	0.5	0.5	0.5
MDCRsurveyor (cpm)	1,355	2,347	1,621	574
Minimum Detectable Exposure Rate Rate (uR/hr)	1.506	0.869	1.259	0.725
MDERsurveyor (uR/hr)	1.211	0.739	0.203	0.629
Microshield Modeled Concentration (pCi/g)	1	1	1	1
Microshield Modeled Density (g/cc)	1.6	1.6	1.6	1.6
Microshield Modeled Concentration (uCi/cc)	1.6E-06	1.6E-06	1.6E-06	1.6E-06
Micoshield Modeled Activity (uCi)	5.9E-02	5.9E-02	5.9E-02	5.9E-02
Top Surface Area (square centimeters)	2,463	2,463	2,463	2,463
Micoshield Modeled Activity (dpm/100 cm^2)	5,328	5,328	5,328	5,328
Scan MDC (pCi/g)	2.7	1.6	0.5	1.40

Table A-3. Am-241 Scan MDC Calculation

Index MDC Calculations Am-241 @ 6"

$Energy_g$ (keV)	$(u_{en}/r)_{air}$ (cm^2/g)	Fluence Rate to Exposure Rate	$(u_{en}/r)_{NaI}$ (cm^2/g)	Probability of Interaction				Relative Detector Response				Counts per Minute per MicroRoentgen per Hour (cpm per uR/hr)				MicroShield Exposure Rate (uR/hr, with buildup)	Weighted cpm per uR/hr			
				44-10	44-20	G5	RSI 700	44-10	44-20	G5	RSI 700	44-10	44-20	G5	RSI 700		44-10	44-20	G5	RSI 700
15	1.29	0.0517	47.4	1.00	1.00	1.00	1.00	0.052	0.052	0.052	0.052	1,179	3,063	28,926	842	4.39E-09	0	0	0	0
20	0.516	0.0969	22.3	1.00	1.00	1.00	1.00	0.097	0.097	0.097	0.097	2,211	5,743	54,236	1,579	0.00E+00	0	0	0	0
30	0.147	0.2268	7.45	1.00	1.00	0.99	1.00	0.227	0.227	0.224	0.227	5,173	13,440	125,322	3,696	7.74E-05	34	89	831	24
40	0.064	0.3906	19.3	1.00	1.00	1.00	1.00	0.391	0.391	0.391	0.391	8,912	23,152	218,637	6,367	2.11E-14	0	0	0	0
50	0.0384	0.5208	10.7	1.00	1.00	1.00	1.00	0.521	0.521	0.520	0.521	11,883	30,870	290,975	8,490	6.89E-10	0	0	0	0
60	0.0292	0.5708	6.62	1.00	1.00	0.98	1.00	0.571	0.571	0.559	0.571	13,022	33,830	312,924	9,304	1.16E-02	12,934	33,601	310,806	9,241
80	0.0236	0.5297	3.12	1.00	1.00	0.84	1.00	0.530	0.530	0.445	0.530	12,084	31,393	249,002	8,633	1.34E-07	0	0	3	0
100	0.0231	0.4329	1.72	1.00	1.00	0.64	1.00	0.433	0.433	0.275	0.433	9,876	25,658	154,050	7,056	4.22E-07	0	1	6	0
150	0.0251	0.2656	0.625	1.00	1.00	0.31	1.00	0.266	0.266	0.082	0.266	6,060	15,742	45,668	4,329	2.04E-08	0	0	0	0
200	0.0268	0.1866	0.334	1.00	1.00	0.18	1.00	0.186	0.187	0.033	0.187	4,248	11,057	18,597	3,041	5.28E-09	0	0	0	0
300	0.0288	0.1157	0.167	0.96	0.99	0.09	1.00	0.111	0.115	0.011	0.116	2,525	6,795	6,051	1,883	9.54E-07	0	1	0	0
400	0.0296	0.0845	0.117	0.89	0.96	0.07	0.99	0.075	0.081	0.006	0.083	1,711	4,814	3,139	1,359	8.28E-08	0	0	0	0
500	0.0297	0.0673	0.0955	0.83	0.93	0.05	0.97	0.056	0.063	0.004	0.065	1,279	3,713	2,055	1,066	1.54E-14	0	0	0	0
600	0.0296	0.0563	0.0826	0.79	0.90	0.05	0.95	0.044	0.051	0.003	0.054	1,011	3,004	1,492	876	1.53E-15	0	0	0	0
662	0.0294	0.0514	0.07794	0.77	0.89	0.04	0.95	0.039	0.046	0.002	0.049	900	2,700	1,287	792					
800	0.0289	0.0433	0.0676	0.72	0.85	0.04	0.92	0.031	0.037	0.002	0.040	708	2,175	942	648	4.46E-15	0	0	0	0
1,000	0.0280	0.0357	0.0586	0.67	0.80	0.03	0.89	0.024	0.029	0.001	0.032	543	1,704	676	517	5.67E-15	0	0	0	0
1,500	0.0255	0.0261	0.0469	0.58	0.73	0.03	0.83	0.015	0.019	0.001	0.022	349	1,131	397	352	3.49E-14	0	0	0	0
2,000	0.0234	0.0214	0.0413	0.54	0.68	0.02	0.79	0.012	0.015	0.001	0.017	262	866	287	274	0.00E+00	0	0	0	0
3,000	0.0205	0.0163	0.0367	0.50	0.64	0.02	0.75	0.008	0.010	0.000	0.012	184	617	194	198					
																1.17E-02	12,969	33,692	311,646	9,266

cpm per uR/hr (@ energy of interest for RSI)	900	2,700	1,287	792
Fluence Rate to Exposure Rate (@ energy of interest for RSI)	0.0514	0.0514	0.0514	0.0514
Background Exposure Rate (uR/hr)	10	10	10	1
Micoshield Modeled Radius (cm)	28	28	28	28
Micoshield Modeled Area (cm^2)	2,463	2,463	2,463	2,463
Micoshield Modeled Thickness (cm)	15	15	15	15
Micoshield Modeled Volume (cc)	36,945	36,945	36,945	36,945
Micoshield Modeled Mass (g)	59,112	59,112	59,112	59,112
Background (counts per second)	150.0	450.0	214.5	13.2
Scan Speed (cm/sec)	50.0	50.0	50.0	101.9
Observation Interval (seconds)	1.12	1.12	1.12	0.55
Background (counts per observation interval)	168.0	504.0	240.2	7.3
Background Variability Rate (percent)	0.15	0.15	0.15	0.15
Minimum Detectable Count Rate (cpm)	958	1,660	1,146	406
Surveyor Efficiency	0.5	0.5	0.5	0.5
MDCRsurveyor (cpm)	1,355	2,347	1,621	574
Minimum Detectable Exposure Rate Rate (uR/hr)	1.506	0.869	1.259	0.725
MDERsurveyor (uR/hr)	0.104	0.070	0.005	0.062
Microshield Modeled Concentration (pCi/g)	1	1	1	1
Microshield Modeled Density (g/cc)	1.6	1.6	1.6	1.6
Microshield Modeled Concentration (uCi/cc)	1.6E-06	1.6E-06	1.6E-06	1.6E-06
Micoshield Modeled Activity (uCi)	5.9E-02	5.9E-02	5.9E-02	5.9E-02
Top Surface Area (square centimeters)	2,463	2,463	2,463	2,463
Micoshield Modeled Activity (dpm/100 cm^2)	5,328	5,328	5,328	5,328
Scan MDC (pCi/g)	8.9	6.0	0.4	5.30

Attachment A-1. Cs-137 Microshield Output

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MicroShield

Cabrera Services Inc.

Date	By	Checked
9/12/2012		

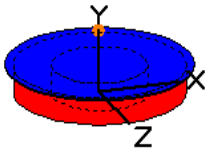
File Name	Run Date	Run Time	Duration
Cs-137	12-Sep-12	8:20:53 AM	0:00:00

Project Info

Case Title	Cs-137
Description	Case 1
	8 - Cylinder Volume - End Shields

Source Dimensions

Height	15.0 cm (5.9 in)
Radius	28.0 cm (11.0 in)



Dose Points

A	X	Y	Z
#1	0.0 cm (0 in)	33.78 cm (1 ft 1.3 in)	0.0 cm (0 in)

Shield

Shield N	Dimension	Material	Density
Source	3.69e+04 cm³	FGR 12 Soil	1.6
Shield 1	.51 cm	Aluminum	2.7
Shield 2	.318 cm	Carbon	2.25
Air Gap		Air	0.00122

Source Input: Grouping Method - Standard Indices
Number of Groups: 25
Lower Energy Cutoff: 0.015
Photons< 0.015: Included
Library: Grove

Nuclide	Ci	Bq	µCi/cm³	Bq/cm³
Ba-137m	5.59E-08	2.07E+03	1.51E-06	5.60E-02
Cs-137	5.91E-08	2.19E+03	1.60E-06	5.92E-02

Buildup: The material reference is Source

Integration Parameters

Radial	20
Circumferential	10
Y Direction (axial)	10

Results

Energy (MeV)	Activity (Photons/sec)	Fluence Rate MeV/cm²/sec No Buildup	Fluence Rate MeV/cm²/sec With Buildup	Exposure Rate mR/hr No Buildup
0.015	2.15E+01	4.82E-13	1.30E-12	4.14E-14
0.03	1.22E+02	2.00E-06	1.91E-05	1.98E-08
0.04	2.88E+01	3.10E-06	4.35E-05	1.37E-08
0.6	1.86E+03	3.22E-02	7.67E-02	6.29E-05
Totals	**2.03E+03**	**3.22E-02**	**7.67E-02**	**6.29E-05**

Attachment A-2. Ra-226 Microshield Output

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MicroShield

Cabrera Services Inc.

Date	By	Checked
9/12/2012		

File Name	Run Date	Run Time	Duration
Ra-226	12-Sep-12	10:38:03 AM	0:00:00

Project Info

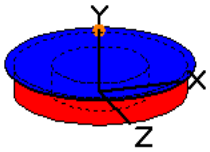
Case Title	Ra-226
Description	Case 1
	8 - Cylinder Volume - End Shields

Source Dimensions

Height	15.0 cm (5.9 in)
Radius	28.0 cm (11.0 in)

Dose Points

A	X	Y	Z
#1	0.0 cm (0 in)	33.78 cm (1 ft 1.3 in)	0.0 cm (0 in)



Shield

Shield N	Dimension	Material	Density
Source	3.69e+04 cm³	FGR 12 Soil	1.6
Shield 1	.51 cm	Aluminum	2.7
Shield 2	.318 cm	Carbon	2.25
Air Gap		Air	0.00122

Source Input: Grouping Method - Standard Indices
Number of Groups: 25
Lower Energy Cutoff: 0.015
Photons< 0.015: Included
Library: Grove

Nuclide	Ci	Bq	µCi/cm³	Bq/cm³
Bi-210	4.91E-08	1.82E+03	1.33E-06	4.92E-02
Bi-214	5.76E-08	2.13E+03	1.56E-06	5.77E-02
Pb-210	4.91E-08	1.82E+03	1.33E-06	4.92E-02
Pb-214	5.76E-08	2.13E+03	1.56E-06	5.77E-02
Po-210	4.90E-08	1.81E+03	1.33E-06	4.90E-02
Po-214	5.76E-08	2.13E+03	1.56E-06	5.76E-02
Po-218	5.76E-08	2.13E+03	1.56E-06	5.77E-02
Ra-226	5.76E-08	2.13E+03	1.56E-06	5.77E-02
Rn-222	5.76E-08	2.13E+03	1.56E-06	5.77E-02

Buildup: The material reference is Source

Integration Parameters

Radial	20
Circumferential	10
Y Direction (axial)	10

Results

Energy (MeV)	Activity (Photons/sec)	Fluence Rate MeV/cm²/sec No Buildup	Fluence Rate MeV/cm²/sec With Buildup	Exposure Rate mR/hr No Buildup	E
0.015	7.58E+02	1.70E-11	4.58E-11	1.46E-12	
0.05	9.72E+01	2.68E-05	4.44E-04	7.14E-08	
0.08	4.91E+02	4.52E-04	6.47E-03	7.16E-07	
0.1	2.89E+00	3.94E-06	4.49E-05	6.03E-09	
0.2	2.30E+02	8.65E-04	4.57E-03	1.53E-06	
0.3	4.40E+02	2.92E-03	1.09E-02	5.53E-06	
0.4	8.15E+02	8.06E-03	2.44E-02	1.57E-05	
0.5	3.81E+01	5.12E-04	1.34E-03	1.01E-06	
0.6	1.03E+03	1.78E-02	4.23E-02	3.47E-05	
0.8	2.01E+02	5.17E-03	1.04E-02	9.84E-06	
1	6.67E+02	2.32E-02	4.23E-02	4.28E-05	
1.5	4.06E+02	2.44E-02	3.86E-02	4.10E-05	
2	5.70E+02	4.98E-02	7.28E-02	7.70E-05	
Totals	**5.74E+03**	**1.33E-01**	**2.55E-01**	**2.30E-04**	

Attachment A-3. Am-241 Microshield Output

Index

MicroShield

Cabrera Services Inc.

Date	By	Checked
9/7/2012		

File Name	Run Date	Run Time	Duration
Case1	7-Sep-12	12:01:05 PM	0:00:00
Am-241			

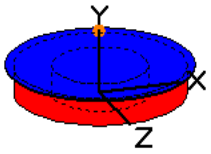
Case Title	Am-241
Description	Case 1
	8 - Cylinder Volume - End Shields

Source Dimensions

Height	15.0 cm (5.9 in)
Radius	28.0 cm (11.0 in)

Dose Points

A	X	Y	Z
#1	0.0 cm (0 in)	33.78 cm (1 ft 1.3 in)	0.0 cm (0 in)



Shield

Shield N	Dimension	Material	Density
Source	3.69e+04 cm³	FGR 12 Soil	1.6
Shield 1	.51 cm	Aluminum	2.7
Shield 2	.318 cm	Carbon	2.25
Air Gap		Air	0.00122

Source Input: Grouping Method - Standard Indices
Number of Groups: 25
Lower Energy Cutoff: 0.015
Photons< 0.015: Included
Library: Grove

Nuclide	Ci	Bq	µCi/cm³	Bq/cm³
Ac-225	2.73E-19	1.01E-08	7.40E-18	2.74E-13
Am-241	5.37E-08	1.99E+03	1.45E-06	5.38E-02
At-217	2.73E-19	1.01E-08	7.40E-18	2.74E-13
Bi-213	2.73E-19	1.01E-08	7.40E-18	2.74E-13
Fr-221	2.73E-19	1.01E-08	7.40E-18	2.74E-13
Np-237	1.10E-12	4.05E-02	2.96E-11	1.10E-06
Pa-233	1.09E-12	4.04E-02	2.96E-11	1.09E-06
Pb-209	2.73E-19	1.01E-08	7.40E-18	2.74E-13
Po-213	2.68E-19	9.90E-09	7.24E-18	2.68E-13
Ra-225	2.74E-19	1.01E-08	7.42E-18	2.74E-13
Th-229	2.75E-19	1.02E-08	7.44E-18	2.75E-13
Tl-209	5.91E-21	2.19E-10	1.60E-19	5.92E-15
U-233	1.45E-16	5.36E-06	3.92E-15	1.45E-10

Buildup: The material reference is Source

Integration Parameters

Radial	20
Circumferential	10
Y Direction (axial)	10

Results

Energy (MeV)	Activity (Photons/sec)	Fluence Rate MeV/cm²/sec No Buildup	Fluence Rate MeV/cm²/sec With Buildup	Exposure Rate mR/hr No Buildup	I
0.015	8.48E+02	1.91E-11	5.12E-11	1.63E-12	
0.03	4.98E+01	8.16E-07	7.81E-06	8.09E-09	
0.04	3.16E-09	3/41e-16	4.78E-15	1.51E-18	
0.05	5.67E-05	1.56E-11	2.59E-10	4.17E-14	
0.06	7.17E+02	3.46E-04	5.84E-03	6.86E-07	
0.08	6.44E-03	5.94E-09	8.49E-08	9.39E-12	
0.1	1.78E-02	2.42E-08	2.76E-07	3.70E-11	
0.15	6.94E-04	1.74E-09	1.24E-08	2.87E-12	
0.2	1.50E-04	5.66E-10	2.99E-09	9.99E-13	
0.3	2.03E-02	1.34E-07	5.03E-07	2.55E-10	
0.4	1.42E-03	1.40E-08	4.25E-08	2.74E-11	
0.5	2.22E-10	2.99E-15	7.85E-15	5.87E-18	
0.6	1.90E-11	3.29E-16	7.83E-16	6.43E-19	
0.8	4.53E-11	1.16E-15	2.34E-15	2.21E-18	
1.0	4.85E-11	1.69E-15	3.08E-15	3.11E-18	
1.5	2.18E-10	1.31E-14	2.07E-14	2.20E-17	
Total	**1.61E+03**	**3.47E-04**	**5.85E-03**	**6.95E-07**	

Alpha and beta measurements will be performed during the final status survey (FSS) using gas proportional and scintillation detectors. Alpha and beta measurements performed during the FSS will include scanning, static measurements performed to estimate total surface activity, and smear samples counted to estimated removable surface activity. This appendix describes the development of detection limits for alpha and beta radiation using different detectors to perform different types of measurements by providing the calculations and assumptions used.

2.0 ALPHA AND BETA MDC CALCULATIONS

A beta scan survey will be performed to demonstrate the concrete surface of the pedestal has been remediated and is ready for final status survey as part of the remediation support survey. The results of the scan measurements will be used to direct additional removal of concrete to remove contamination. The final beta scan demonstrating there is no remaining contamination will be included as part of the FSS.

2.1 EFFICIENCY

Instrument efficiencies are determined based on International Organization for Standardization (ISO) Guidance 7503, Measurement of Radioactivity – Measurement and Evaluation of Surface Contamination, 2016. Large area sources (150 cm^2) were used to measure the detector response averaged over the entire face of the detector for the Ludlum Model 43-37 large area gas proportional detector. Instrument efficiencies are determined on contact with the surface and raised off the surface to simulate the detector geometry during scanning.

The surface efficiency is a factor of the surface material and the energy of the emitted radiations. ISO-7503 recommends using a surface efficiency of 0.5 for beta particles with maximum beta energy greater than 150 kiloelectron volts (keV). Both Cs-137 and Sr-90 have maximum beta energies greater than 150 keV, so a value of 0.5 was used for beta particles measured as part of this FSS. A value of 0.25 was used for alpha particles measured as part of this FSS.

The total efficiency is the product of the instrument efficiency and the surface efficiency.

The total efficiency for the Ludlum Model 43-37 detector at a height of 1 cm above the surface was 0.200 for beta radiation. The total efficiency for the 43-37 detector at a height of 2 cm above the surface was 0.185 for beta radiation. The total efficiency for the 43-37 detector on contact with the surface was 0.215 for beta radiation and 0.0524 for alpha radiation.

The total efficiency for the Ludlum Model 43-93 scintillator was 0.1199 for beta radiation and 0.0977 for alpha radiation.

The total efficiency for the Ludlum Model 2929 sample counter used for counting smears was 0.170 for alpha radiation and 0.1575 for beta radiation.

2.2 BACKGROUND

MDC calculations are performed using estimates of material-specific backgrounds expected to be encountered in the field. Alpha and beta background count rates on concrete surfaces were measured in the concrete reference background area for the Model 43-37 and Model 43-93 detectors.

The background count rates for the Model 43-37 detector were 1008.5 cpm beta and 8.9 cpm alpha. The background count rates for the Model 43-93 detector were 279 cpm beta and 2.3 cpm alpha.

The Model 2929 smear counter will be used to count smears in a low background area, and the instrument background can be used to develop MDC values. The instrument background for the Model 2929 is 0.1 cpm alpha and 36 cpm beta.

2.3 BETA SCAN MDC

MARSSIM Section 6.7.2.1 provides guidance for determining the scan MDC for beta and gamma radiation.

The first step is calculating the minimum detectable count rate (MDCR) using a combination of MARSSIM Equation 6-8 and 6-9:

$$MDCR = d' \times \sqrt{b_i} \times \frac{60}{i}$$

Where d' is equal to 1.38 from table 6.5 of MARSSIM and represents the rate of detections at a 95% true positive proportion with a false positive proportion of 60%. The number of background counts during the count interval is b_i. The reference area background count rate is 1008.5 cpm beta for the Model 43-37 and 279 cpm for the Model 43-93. The MDCR for the Model 43-37 gas proportional detector with a count interval of 1 second is:

$$MDCR = 1.38 \times \sqrt{\frac{1008.5\ cpm}{60\ s/m}} \times \frac{60\ s/m}{1\ s} = 339.5\ cpm$$

The beta scan MDC is calculated using MARSSIM Equation 6-10:

$$Scan\ MDC = \frac{MDCR}{\sqrt{p} \times \varepsilon_i \times \varepsilon_s \times \frac{A}{100}}$$

Where;

ε_i	=	instrument efficiency (detector specific)
ε_s	=	surface efficiency (0.5, ISO-7503 recommended value))
p	=	surveyor efficiency (0.5, MARSSIM recommended value)
A	=	probe active area (detector specific)

The beta scan MDC for the Model 43-37 gas proportional detector with a count interval of 1 second at a height of 2 cm above the surface is:

$$Scan\ MDC = \frac{339.5\ cpm}{\sqrt{0.5} \times 0.185\ {}^{cpm}/_{dpm} \times \frac{584\ cm^2}{100\ cm^2}} = 444\ {}^{dpm}/_{100\ cm^2}$$

The Model 43-37 gas proportional detector was used to scan for beta activity with a scan rate of one detector width per second and detect radioactivity below the cleanup goals listed in the FSSR Table 3-1.

2.4 ALPHA AND BETA STATIC AND SMEAR MEASUREMENT MDC

Alpha and beta static and smear measurement MDCs were calculated using the generic Stapleton equation provided in MARSAME Table 7.6. This equation is the most appropriate calculation for background counts less than 100 and situations where the background count time is different from the sample count time. This equation is also acceptable for higher background counts.

$$MDC = \frac{\frac{\left(z_{1-\alpha} + z_{1-\beta}\right)}{4}\left(1 + \frac{t_S}{t_B}\right) + \left(z_{1-\alpha} + z_{1-\beta}\right)\sqrt{N_B \frac{t_S}{t_B}\left(1 + \frac{t_S}{t_B}\right)}}{\varepsilon_i \varepsilon_s t_S \frac{W_A}{100}}$$

Where:

$z_{1-\alpha}$	=	quantile of the standard normal distribution for α (1.645 for α=0.05)
$z_{1-\beta}$	=	quantile of the standard normal distribution for β (1.645 for β=0.05)
t_S	=	sample counting time
t_B	=	background counting time
N_B	=	number of background counts during background counting time
ε_i	=	instrument efficiency (counts per particle)
ε_s	=	surface efficiency (particles per disintegration, 0.25 for α, 0.5 for β)
W_A	=	active area of the detector window (cm^2)

Sample and background count times were adjusted to provide a combination of count times that achieve the project objectives to detect radiation at levels below the MDC requirements listed in Table 3-1 of the FSSR.

The Model 43-37 gas proportional detector can achieve the desired MDC with static count times of 1 minute and a background count time of 20 minutes for static counts on contact with the concrete surface.

The Model 43-93 scintillation detector can achieve the desired MDC with static count times of 2 minutes and a background count time of 16 minutes for static counts on contact with the concrete surface.

The Model 2929 smear counter can achieve the desired MDC with smear count times of 1 minute and background count times of 200 minutes for counting smears collected over a surface area of 100 cm^2.

APPENDIX C

Laboratory Analytical Sample Results

Soil Reference Background Area

Nuclide	ALARA Cleanup Goal (pCi/g)	RA-001-031721			RA-002-031721			RA-003-031721		
		Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier
Hydrogen-3		-0.0653	0.27	U	-0.12	0.26	U	-0.275	0.25	U
Carbon-14										
Sodium-22										
Cobalt 60	840	0.00242	0.0607	U	0.0189	0.0509	U	0.00931	0.0775	U
Nickel-63		-0.584	2.49	J,U	0.492	2.35	J,U	-1.27	1.8	J,U
Strontium-90	10	0.12	0.158	U	0.195	0.153		0.131	0.152	
Cesium-137	15	0.231	0.0673		0.201	0.0766		0.242	0.0949	
Europium-152	34	0.103	0.18	B	0.29	0.141	B	0.0597	0.286	B,U
Europium-154	120	0.239	0.083	B	0.0575	0.0954	B,U	0.0165	0.112	B,U
Europium-155										
Radium-226	3.3	0.54	0.128		0.661	0.144		0.509	0.173	
Uranium-234										
Uranium-235	3.1	0.00845	0.0417	U	-0.00536	0.00744	U	-0.00288	0.00566	U
Uranium-238	3.1	0.475	0.135		0.346	0.112		0.303	0.107	
Plutonium-238	38	0.00901	0.0262	U	-0.00173	0.0155	U	0	0.0229	U
Plutonium-239/240	23	-0.0162	0.0107	U	0.00866	0.0294	U	0.00925	0.0215	U
Plutonium-241										
Americium-241	22	-0.0498	0.154	U	0.0576	0.13	U	-0.0269	0.121	U
Lead (mg/kg)	400									
Mercury (μg/kg)	1840									

Sum of Ratios	0.337283249	0.353345345	0.281217693
Sum of Ratios w/Chemicals	0.337283249	0.353345345	0.281217693

Soil Reference Background Area

Nuclide	ALARA Cleanup Goal (pCi/g)	RA-004-031721 Concentration (pCi/g)	RA-004-031721 Total Uncertainty (pCi/g)	RA-004-031721 Qualifier	RA-005-031721 Concentration (pCi/g)	RA-005-031721 Total Uncertainty (pCi/g)	RA-005-031721 Qualifier	RA-006-031721 Concentration (pCi/g)	RA-006-031721 Total Uncertainty (pCi/g)	RA-006-031721 Qualifier
Hydrogen-3		-0.112	0.261	U	0.046	0.281	U	-0.138	0.259	U
Carbon-14										
Sodium-22										
Cobalt 60	840	0.0377	0.0173		0.0147	0.0258	U	0.0183	0.031	U
Nickel-63		-1.68	1.87	J,U	-0.443	2.02	J,U	-0.0949	2.03	J,U
Strontium-90	10	0.109	0.152	U	0.136	0.159		0.0724	0.127	U
Cesium-137	15	0.153	0.0458		0.197	0.0771		0.201	0.0778	
Europium-152	34	0.0701	0.0964	B	0.0393	0.0447	B,U	0.0507	0.0929	B,U
Europium-154	120	0.0609	0.0813	B	0.0291	0.0741	B,U	0.0841	0.106	B
Europium-155										
Radium-226	3.3	0.431	0.108		0.51	0.138		0.527	0.134	
Uranium-234										
Uranium-235	3.1	0.00901	0.0243	U	0.012	0.0439	U	0.0409	0.0433	
Uranium-238	3.1	0.448	0.138		0.3	0.113		0.416	0.125	
Plutonium-238	38	0.0202	0.0252		-0.0399	0.0174	U	-0.0056	0.0176	U
Plutonium-239/240	23	0.0128	0.0207		-0.00571	0.0245	U	0.0168	0.0262	
Plutonium-241										
Americium-241	22	-0.0655	0.125	U	0.0709	0.149	U	-0.0709	0.163	U
Lead (mg/kg)	400									
Mercury (μg/kg)	1840									

Sum of Ratios	0.289024436	0.278052981	0.321915335
Sum of Ratios w/Chemicals	0.289024436	0.278052981	0.321915335

Soil Reference Background Area

Nuclide	ALARA Cleanup Goal (pCi/g)	RA-007-031721			RA-008-031721			RA-009-031721		
		Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier
Hydrogen-3		-0.172	0.266	U	-0.0913	0.264	U	-0.12	0.264	U
Carbon-14										
Sodium-22										
Cobalt 60	840	-0.00279	0.0734	U	0.0211	0.0173		0.00549	0.0325	U
Nickel-63		0.0109	1.96	J,U	-0.0743	2.17	J,U	0.85	1.94	J,U
Strontium-90	10	0.2	0.161		0.042	0.136	Q,U	0.0606	0.142	U
Cesium-137	15	0.283	0.0822		0.165	0.0569		0.277	0.0689	
Europium-152	34	0.0406	0.0321	B,U	0.0917	0.163	B	0.111	0.178	B
Europium-154	120	0.2	0.0862	B	0.026	0.035	B,U	0.126	0.0555	B
Europium-155										
Radium-226	3.3	0.668	0.18		0.416	0.114		0.593	0.132	
Uranium-234										
Uranium-235	3.1	0.0181	0.037	U	0.023	0.032		0.00289	0.0436	U
Uranium-238	3.1	0.332	0.108		0.383	0.122		0.369	0.121	
Plutonium-238	38	0.00356	0.0215	U	0.00597	0.0295	U	0.0036	0.0269	U
Plutonium-239/240	23	0.0107	0.03	U	-0.012	0.0199	U	0.0108	0.0304	U
Plutonium-241										
Americium-241	22	-0.0224	0.0994	U	-0.0646	0.143	U	0.0215	0.131	U
Lead (mg/kg)	400									
Mercury (μg/kg)	1840									

Sum of Ratios	0.35005435	0.270750526	0.3215106
Sum of Ratios w/Chemicals	0.35005435	0.270750526	0.3215106

Soil Reference Background Area

Nuclide	ALARA Cleanup Goal (pCi/g)	RA-010-031721			RA-011-031721			RA-012-031721		
		Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier
Hydrogen-3		-0.133	0.252	U	0.0258	0.282	U	-0.0766	0.268	U
Carbon-14										
Sodium-22										
Cobalt 60	840	0.00219	0.055	U	0.0253	0.0177		-0.0586	0.0796	U
Nickel-63		-1.26	1.96	J,U	-0.824	2.24	J,U	-0.433	1.92	J,U
Strontium-90	10	0.244	0.168		0.167	0.144		0.0314	0.135	U
Cesium-137	15	0.0342	0.0569	U	0.149	0.0554		0.246	0.0796	
Europium-152	34	0.0344	0.0657	B,U	0.0465	0.114	B,U	-0.0816	0.15	B,U
Europium-154	120	0.00108	0.00127	B,U	0.0392	0.0757	B,U	0.0911	0.174	B
Europium-155										
Radium-226	3.3	0.448	0.117		0.463	0.104		0.544	0.154	
Uranium-234										
Uranium-235	3.1	-0.00285	0.00558	U	0.049	0.0485		0.0378	0.0532	
Uranium-238	3.1	0.429	0.129		0.454	0.13		0.338	0.117	
Plutonium-238	38	0.0178	0.0293		0	0.0229	U	0.0155	0.0274	
Plutonium-239/240	23	0.00715	0.021	U	-0.00185	0.00362	U	-0.00581	0.00659	U
Plutonium-241										
Americium-241	22	0.0603	0.138	U	-0.0793	0.159	U	0.0856	0.196	U
Lead (mg/kg)	400									
Mercury (μg/kg)	1840									

Sum of Ratios	0.299013094	0.329224547	0.303641353
Sum of Ratios w/Chemicals	0.299013094	0.329224547	0.303641353

Soil Reference Background Area

Nuclide	ALARA Cleanup Goal (pCi/g)	RA-013-031721			RA-014-031721			RA-015-031721		
		Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier
Hydrogen-3		-0.166	0.258	U	-0.108	0.262	U	-0.106	0.265	U
Carbon-14										
Sodium-22										
Cobalt 60	840	0.0415	0.0784		0.0283	0.0228		-0.011	0.0743	U
Nickel-63		0.728	1.91	J,U	-0.0899	1.89	J,U	0.113	1.79	U
Strontium-90	10	0.152	0.171		0.217	0.147		0.0473	0.15	U
Cesium-137	15	0.0287	0.0872	U	0.174	0.0543		0.271	0.0728	
Europium-152	34	0.0467	0.165	B,U	0.00378	0.00549	B,U	0.104	0.118	B
Europium-154	120	0.0611	0.0735	B,U	0.0785	0.116	B	0.0787	0.127	B
Europium-155										
Radium-226	3.3	0.466	0.141		0.507	0.112		0.321	0.118	
Uranium-234										
Uranium-235	3.1	0.0322	0.0403		0.0307	0.0384		0.025	0.0443	
Uranium-238	3.1	0.364	0.124		0.378	0.119		0.409	0.132	
Plutonium-238	38	0.019	0.0313		0.00736	0.027	U	0.00948	0.022	U
Plutonium-239/240	23	0	0.0167	U	0.00552	0.0149	U	0.00949	0.022	U
Plutonium-241										
Americium-241	22	0.0163	0.124	U	0.0877	0.153	U	0.0279	0.168	U
Lead (mg/kg)	400									
Mercury (μg/kg)	1840									

Sum of Ratios	0.284767978	0.31946293	0.259054051
Sum of Ratios w/Chemicals	0.284767978	0.31946293	0.259054051

Soil Reference Background Area

Nuclide	ALARA Cleanup Goal (pCi/g)	RA-016-031721		
		Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier
Hydrogen-3		-0.056	0.262	U
Carbon-14				
Sodium-22				
Cobalt 60	840	0.0668	0.04	
Nickel-63		-1.88	2.01	J,U
Strontium-90	10	0.0426	0.137	U
Cesium-137	15	0.133	0.0524	
Europium-152	34	0.0958	0.238	B
Europium-154	120	0.0551	0.123	B
Europium-155				
Radium-226	3.3	0.61	0.157	
Uranium-234				
Uranium-235	3.1	0.0109	0.0214	
Uranium-238	3.1	0.398	0.121	
Plutonium-238	38	0	0.016	U
Plutonium-239/240	23	0.00914	0.0212	U
Plutonium-241				
Americium-241	22	0.077	0.183	U
Lead (mg/kg)	400			
Mercury (μg/kg)	1840			

Sum of Ratios	0.328974715
Sum of Ratios w/Chemicals	0.328974715

Concrete Reference Background Area

Nuclide	ALARA Cleanup Goal (pCi/g)	RA-017-041321			RA-018-041321			RA-019-041321		
		Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier
Hydrogen-3										
Carbon-14										
Sodium-22										
Cobalt 60	840	0.00779	0.0777	U	-0.0123	0.0589	U	-0.0415	0.0917	U
Nickel-63										
Strontium-90	10	0.199	0.152	Q	-0.0273	0.179	U	0.334	0.2	
Cesium-137	15	-0.00888	0.059	U	-0.00816	0.107	U	0.023	0.091	U
Europium-152	34	0.121	0.169		0.144	0.379	U	0.0426	0.0797	U
Europium-154	120	0.0856	0.0683		0.0458	0.0574	U	0.0688	0.146	
Europium-155		0.124	0.424	U	0	0.2	U	0.0303	0.207	U
Radium-226	3.3	0.168	0.112	U	0.264	0.185	U	0.0259	0.199	U
Uranium-234										
Uranium-235	3.1	0.00312	0.0267	U	0.0354	0.0402		-0.00979	0.0111	U
Uranium-238	3.1	0.278	0.109		0.234	0.0993		0.22	0.0958	
Plutonium-238	38	-0.0293	0.0241	U	-0.0101	0.0266	U	0.00215	0.0419	U
Plutonium-239/240	23	0.0021	0.0365	U	0.0364	0.036		-0.0365	0.0176	U
Plutonium-241										
Americium-241	22	0.0168	0.0396	U	-0.00725	0.0284	U	0.00207	0.0443	U
Lead (mg/kg)	400									
Mercury (μg/kg)	1840									

Sum of Ratios	0.113849576	0.088485835	0.104941075
Sum of Ratios w/Chemicals	0.113849576	0.088485835	0.104941075

Concrete Reference Background Area

Nuclide	ALARA Cleanup Goal (pCi/g)	RA-020-041321			RA-021-041321			RA-022-041321		
		Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier
Hydrogen-3										
Carbon-14										
Sodium-22										
Cobalt 60	840	0.00925	0.0163	U	0.00161	0.00285	U	0.0295	0.057	
Nickel-63										
Strontium-90	10	-0.0286	0.162	U	0.106	0.183	U	-0.00379	0.178	U
Cesium-137	15	-0.0323	0.0529	U	-0.0212	0.0864	U	0.03	0.0493	U
Europium-152	34	0.114	0.08	U	0.159	0.157		0.0611	0.105	U
Europium-154	120	0.0273	0.0367	U	0.128	0.164		0.19	0.0768	
Europium-155		0	0.0528	U	0.0614	0.195	U	0.0839	0.275	U
Radium-226	3.3	0.237	0.0979		0.429	0.142		0.438	0.128	
Uranium-234										
Uranium-235	3.1	0.0446	0.0472		0.0212	0.0404		0.00596	0.0248	U
Uranium-238	3.1	0.131	0.071		0.348	0.127		0.291	0.107	
Plutonium-238	38	-0.00596	0.0255	U	0.0021	0.0316	U	-0.0148	0.011	U
Plutonium-239/240	23	0.0119	0.0287	U	-0.00421	0.0193	U	-0.0106	0.0093	U
Plutonium-241										
Americium-241	22	0.0538	0.0517		0.00585	0.0232	U	0.00188	0.016	U
Lead (mg/kg)	400									
Mercury (μg/kg)	1840									

Sum of Ratios	0.130908798	0.254839911	0.228216693
Sum of Ratios w/Chemicals	0.130908798	0.254839911	0.228216693

SU 7A - Concrete Pedestal

Nuclide	ALARA Cleanup Goal (pCi/g)	FSS-177-082821 (7ASS01)			FSS-176-082821 (7ASS02)			FSS-175-082821 (7ASS03)			FSS-174-082821 (7ASS04)		
		Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier
Hydrogen-3		149	13.1		3.92	0.573		0.87	0.282		0.513	0.252	
Carbon-14		0.711	0.864		0.87	0.924		0.753	0.8		0.626	0.727	
Sodium-22													
Cobalt 60	840	0.0141	0.0144	U	0.0569	0.0327		0.0238	0.0731	U	0.00701	0.0414	U
Nickel-63		0.387	0.905	B,U	0.54	0.828	B,U	0.51	0.921	B,U	1.12	1.08	B
Strontium-90	10	-0.0317	0.231	U	0.147	0.273	U	0.0513	0.193	U	0.372	0.286	
Cesium-137	15	-0.049	0.0816	U	-0.0529	0.0799	U	-0.00328	0.0829	U	0.00207	0.0604	U
Europium-152	34	0.141	0.194		0.0924	0.125	U	0.0565	0.0851	U	0.133	0.271	U
Europium-154	120	0.0593	0.104	U	0.0928	0.147		0.0477	0.112	U	0.0289	0.0583	U
Europium-155		0.0397	0.109	U	0	0.0618	U	0.0845	0.208	U	-0.00229	0.00544	U
Radium-226	3.3	0.102	0.0905	U	0.443	0.134		0.562	0.184		0.41	0.124	
Uranium-234													
Uranium-235	3.1	0.0523	0.0594		0.0132	0.0204	U	-0.00381	0.00746	U	0.00935	0.0252	U
Uranium-238	3.1	0.234	0.115		0.232	0.0526		0.18	0.094		0.222	0.0961	
Plutonium-238	38	-0.00305	0.0376	U	0.0211	0.0402		-0.0134	0.0463	U	-0.0229	0.0344	U
Plutonium-239/240	23	0.0145	0.0265		-0.0176	0.0155	U	-0.0118	0.0134	U	0.0104	0.0267	U
Plutonium-241		-0.151	2.4	U	-0.751	2.62	U	-2.65	2.48	U	-0.911	2.57	U
Americium-241	22	0.0685	0.156	U	0.0102	0.166	U	0.0454	0.193	U	0.0195	0.181	U
Lead (mg/kg)	400	3.4			4.8			2.9			2.7		
Mercury (μg/kg)	1840	14		U	15		U	14		U	14		U

SU 7A - Concrete Pedestal

Nuclide	ALARA Cleanup Goal (pCi/g)	FSS-173-082821 (7ASS05)			FSS-171-082821 (7ASB01)			FSS-172-082821 (7ASB02)		
		Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier
Hydrogen-3		38.1	3.55		41.2	3.81		37.6	3.49	
Carbon-14		1.19	0.927		1.16	0.964		0.818	0.917	
Sodium-22										
Cobalt 60	840	0.015	0.0392	U	0.0118	0.0206	U	0.0344	0.0303	
Nickel-63		0.485	0.861	B,U	1.01	0.953	B	0.667	0.912	B,U
Strontium-90	10	2.91	0.439		7.52	0.819		0.527	0.257	
Cesium-137	15	0.697	0.129		4.05	0.474		0.025	0.0581	U
Europium-152	34	0.0722	0.0966	U	0.014	0.024	U	0.117	0.231	
Europium-154	120	0.0251	0.13	U	0.0801	0.122		0.0533	0.0887	U
Europium-155		-0.000671	0.166	U	-0.117	0.25	U	-0.137	0.477	U
Radium-226	3.3	0.277	0.138		0.532	0.171		0.212	0.109	
Uranium-234										
Uranium-235	3.1	0.0326	0.0453		0.0175	0.0343		0.0166	0.0325	
Uranium-238	3.1	0.22	0.101		0.309	0.132		0.333	0.133	
Plutonium-238	38	0.0178	0.0413	U	-0.0647	0.0332	U	-0.00953	0.0132	U
Plutonium-239/240	23	0.00712	0.0296	U	-0.0691	0.0383	U	-0.00954	0.0132	U
Plutonium-241		0.273	2.55	U	0.384	3.17	U	-0.813	3.38	U
Americium-241	22	-0.0877	0.221	U	-0.111	0.246	U	0.045	0.188	U
Lead (mg/kg)	400	5.2			4.4			4.1		
Mercury (μg/kg)	1840	14		U	15		U	15		U

SU 7B - Silencer Excavation

Nuclide	ALARA Cleanup Goal (pCi/g)	FSS-059-081821 (7BSS01 0-6")			FSS-060-081821 (7BSS01 6-12")			FSS-061-081821 (7BSS01 18-24")		
		Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier
Hydrogen-3		0.0674	0.24	U	-0.224	0.216	U	-0.15	0.232	U
Carbon-14		-0.0223	0.633	U	-0.159	0.65	U	0.333	0.712	U
Sodium-22		-0.00619	0.0262	U	-0.0515	0.0559	U	0.0122	0.0378	U
Cobalt 60	840	-0.0548	0.089	U	-0.0165	0.0611	U	-0.0288	0.087	U
Nickel-63		2.08	0.82	B	2.52	0.871	J,B	1.66	0.825	B
Strontium-90	10	0.377	0.208	Q	0.0823	0.164	Q,U	0.302	0.189	Q
Cesium-137	15	0.0141	0.0288	U	0.00365	0.0397	U	-0.0392	0.0652	U
Europium-152	34	0.000872	0.00156	U	0.0524	0.114	U	0.0943	0.206	
Europium-154	120	0.0633	0.102		0.0593	0.0373		0.0296	0.056	U
Europium-155		0.0227	0.0794	U	-0.000885	0.14	U	-0.0983	0.333	U
Radium-226	3.3	0.199	0.106		0.249	0.0894		0.399	0.138	
Uranium-234		0.089	0.0927		0.14	0.0791		0.119	0.0714	
Uranium-235	3.1	-0.00615	0.0391	U	0	0.00646	U	0	0.00604	U
Uranium-238	3.1	0.187	0.091		0.193	0.0922		0.178	0.0835	
Plutonium-238	38	-0.0161	0.012	U	0.0238	0.0437	U	0.00612	0.0351	U
Plutonium-239/240	23	-0.0023	0.00452	U	-0.00264	0.00519	U	-0.00613	0.00695	U
Plutonium-241		2.04	1.52		-0.269	1.54	U	0.587	1.17	U
Americium-241	22	0.0255	0.122	U	0.00392	0.12	U	0.0217	0.171	U
Lead (mg/kg)	400	1.7			0.98			1.6		
Mercury (μg/kg)	1840	15		U	15		U	14		U

Sum of Ratios	0.158853111	0.138206777	0.211301975
Sum of Ratios w/Chemicals	0.163103111	0.140656777	0.215301975

SU 7B - Silencer Excavation

Nuclide	ALARA Cleanup Goal (pCi/g)	FSS-044-081721 (7BSS02 0-6")			FSS-045-081721 (7BSS02 6-12")			FSS-046-081721 (7BSS02 18-24")		
		Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier
Hydrogen-3		-0.033	0.221	U	0.179	0.251	U	11.3	1.22	
Carbon-14		-0.191	0.45	U	-0.0656	0.397	U	-0.357	0.605	U
Sodium-22		-0.0284	0.0497	U	-0.0323	0.0421	U	-0.016	0.0428	U
Cobalt 60	840	0.0293	0.0219		0	0.00926	U	0.0256	0.0511	
Nickel-63		1.11	0.891	J	0.949	0.904		13	1.81	
Strontium-90	10	0.232	0.184		0.0262	0.189	U	0.291	0.221	
Cesium-137	15	-0.0347	0.0484	U	0.0865	0.0289		-0.021	0.0614	U
Europium-152	34	0.0613	0.161	U	0.0626	0.114		0.0547	0.0594	U
Europium-154	120	0.0103	0.0131	B,U	-0.0019	0.0445	B,U	0.0764	0.125	B
Europium-155		0.145	0.0936		0.0303	0.198	U	-0.0763	0.127	U
Radium-226	3.3	0.297	0.0889		0.254	0.084		0.364	0.115	
Uranium-234										
Uranium-235	3.1	0.0246	0.0396		0.0334	0.0417		0.0379	0.043	
Uranium-238	3.1	0.0704	0.0595		0.107	0.0674		0.142	0.0752	
Plutonium-238	38	-0.0095	0.0298	U	-0.00925	0.0091	U	-0.00867	0.0272	U
Plutonium-239/240	23	0.00951	0.0256	U	-0.00232	0.00454	U	-0.00289	0.00567	U
Plutonium-241		-4.47	1.99	U	-0.293	1.51	U	-1.92	1.77	U
Americium-241	22	0.0417	0.152	U	0.043	0.101	U	0.0427	0.161	U
Lead (mg/kg)	400	3.9			2.3			0.86		
Mercury (μg/kg)	1840	25			16		J	7		J

Sum of Ratios	0.143880042	0.129867863	0.198102431
Sum of Ratios w/Chemicals	0.167216999	0.144313515	0.204056779

SU 7B - Silencer Excavation

Nuclide	ALARA Cleanup Goal (pCi/g)	FSS-047-081721 (7BSS03 0-6")			FSS-048-081721 (7BSS03 6-12")			FSS-049-081721 (7BSS03 18-24")		
		Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier
Hydrogen-3		-0.0711	0.211	U	-0.0175	0.222	U	-0.143	0.213	U
Carbon-14		-0.18	0.562	U	-0.0735	0.442	U	-0.68	0.589	U
Sodium-22		0.0362	0.0253		0.027	0.0189		-0.00351	0.0407	U
Cobalt 60	840	0.0328	0.0245		-0.0186	0.0564	U	0.00121	0.04	U
Nickel-63		0.54	0.86	U	0.89	0.958		0.337	0.901	U
Strontium-90	10	0.161	0.187		0.159	0.204		0.0702	0.232	U
Cesium-137	15	0.19	0.077		0.0256	0.0445	U	0.0266	0.0498	U
Europium-152	34	0.0324	0.11	U	0.0188	0.0488	U	0.0609	0.162	U
Europium-154	120	0.0346	0.0788	B,U	0.0538	0.0865	B	0.0491	0.079	B
Europium-155		0.0434	0.135	U	0.0206	0.0702	U	0.0244	0.0886	U
Radium-226	3.3	0.408	0.13		0.162	0.0701		0.381	0.097	
Uranium-234										
Uranium-235	3.1	-0.00595	0.00826	U	0.0447	0.0507		-0.00271	0.00532	U
Uranium-238	3.1	0.277	0.107		0.191	0.095		0.215	0.0892	
Plutonium-238	38	-0.0111	0.0291	U	-0.0119	0.0287	U	-0.00446	0.00619	U
Plutonium-239/240	23	0.00222	0.0189	U	0.0209	0.0337		0.0156	0.0252	
Plutonium-241		-1.59	1.35	U	-0.788	1.81	U	-2.09	1.28	U
Americium-241	22	-0.00436	0.16	U	0.047	0.108	U	0.025	0.102	U
Lead (mg/kg)	400	7.6			6			1.3		
Mercury (μg/kg)	1840	85			39			12		J

Sum of Ratios	0.241796917	0.142380196	0.185896812
Sum of Ratios w/Chemicals	0.306992569	0.178575848	0.195668551

SU 7B - Silencer Excavation

Nuclide	ALARA Cleanup Goal (pCi/g)	FSS-050-081721 (7BSS04 0-6")			FSS-051-081721 (7BSS04 6-12")			FSS-052-081721 (7BSS04 18-24")		
		Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier
Hydrogen-3		0.0318	0.218	U	0.0804	0.235	U	0.147	0.246	U
Carbon-14		0.369	0.563	U	0.259	0.785	U	0.128	0.759	U
Sodium-22		-0.00412	0.0483	U	-0.0302	0.061	U	-0.0187	0.058	U
Cobalt 60	840	0.00426	0.0357	U	-0.00223	0.00994	U	0.0289	0.0511	
Nickel-63		0.824	0.855		-0.34	0.818	U	0.321	0.846	U
Strontium-90	10	-0.179	0.181	U	0.0756	0.187	U	0.0992	0.203	U
Cesium-137	15	0.0138	0.0276	U	0.0267	0.0503	U	-0.000269	0.061	U
Europium-152	34	0.092	0.147	U	0.109	0.0861		0.0418	0.0911	U
Europium-154	120	0.034	0.064	B,U	0.0128	0.0166	B,U	0.0264	0.0471	B,U
Europium-155		0.0198	0.0732	U	-0.0051	0.236	U	-0.0572	0.137	U
Radium-226	3.3	0.0372	0.0661	U	0.274	0.113		0.335	0.111	
Uranium-234										
Uranium-235	3.1	0.036	0.0409		-0.00652	0.00905	U	0.0216	0.03	
Uranium-238	3.1	0.0867	0.0609		0.0784	0.0588		0.433	0.125	
Plutonium-238	38	-0.00563	0.00781	U	-0.00306	0.0275	U	-0.00211	0.00414	U
Plutonium-239/240	23	0	0.0247	U	0	0.006	U	0	0.00414	U
Plutonium-241		-1.88	1.67	U	-1.87	2.09	U	-0.616	1.17	U
Americium-241	22	0.0357	0.0789	U	-0.0723	0.193	U	-0.0628	0.154	U
Lead (mg/kg)	400	0.68			0.58			0.86		
Mercury (μg/kg)	1840	15		U	14		U	16		U

Sum of Ratios	0.039580645	0.111526508	0.248194718
Sum of Ratios w/Chemicals	0.041280645	0.112976508	0.250344718

SU 7B - Silencer Excavation

Nuclide	ALARA Cleanup Goal (pCi/g)	FSS-053-081721 (7BSS05 0-6")			FSS-054-081721 (7BSS05 6-12")			FSS-055-081721 (7BSS05 18-24")		
		Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier
Hydrogen-3		0.00906	0.216	U	0.161	0.253	U	0.178	0.243	U
Carbon-14		0.455	0.725	U	0.454	0.708	U	0.0322	0.688	U
Sodium-22		-0.0112	0.038	U	-0.0142	0.043	U	0	0.016	U
Cobalt 60	840	-0.00869	0.102	U	-0.00246	0.0407	U	-0.00895	0.0598	U
Nickel-63		0.705	0.902	U	1.16	0.883		0.434	0.838	U
Strontium-90	10	0.116	0.218	U	0.127	0.222	Q,U	0.565	0.371	
Cesium-137	15	-0.0198	0.0449	U	0.0161	0.0398	U	-0.0509	0.0478	U
Europium-152	34	0.00954	0.0196	U	0.026	0.0422	U	0.105	0.137	
Europium-154	120	0.0133	0.115	B,U	0.0441	0.0745	B,U	0.00644	0.0434	B,U
Europium-155		-0.076	0.23	U	-0.0697	0.131	U	0.0422	0.0862	U
Radium-226	3.3	0.268	0.108		0.367	0.105		0.289	0.099	
Uranium-234										
Uranium-235	3.1	0.0186	0.0299		-0.00622	0.00864	U	0.0232	0.0323	
Uranium-238	3.1	0.187	0.0797		0.19	0.0867		0.219	0.0915	
Plutonium-238	38	-0.176	0.0486	U	-0.00419	0.00581	U	0	0.00454	U
Plutonium-239/240	23	-0.263	0.0588	U	-0.00419	0.00582	U	0	0.00455	U
Plutonium-241		0.553	1.47	U	-0.367	1.23	U	-0.65	1.34	U
Americium-241	22	0.0518	0.124	U	-0.0414	0.0886	U	-0.0534	0.142	U
Lead (mg/kg)	400	0.96			1.9			3		
Mercury (μg/kg)	1840	14		U	17		U	15		U

Sum of Ratios	0.147534702	0.172502444	0.225293025
Sum of Ratios w/Chemicals	0.149934702	0.177252444	0.232793025

SU 7B - Silencer Excavation

Nuclide	ALARA Cleanup Goal (pCi/g)	FSS-056-081721 (7BSS06 0-6")			FSS-057-081721 (7BSS06 6-12")			FSS-058-081721 (7BSS06 18-24")		
		Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier
Hydrogen-3		0.0393	0.232	U	0.0449	0.226	U	0.124	0.234	U
Carbon-14		0.622	0.792	U	-0.68	0.575	U	-0.446	0.537	U
Sodium-22		0.00785	0.0382	U	0.012	0.0407	U	0.00453	0.0237	U
Cobalt 60	840	-0.00581	0.0392	U	-0.0488	0.0342	U	0.0117	0.0405	U
Nickel-63		1.15	0.888		0.863	0.884		0.74	0.806	
Strontium-90	10	0.0382	0.166	U	0.36	0.216		0.206	0.198	
Cesium-137	15	0.128	0.0366		0.256	0.0812		0.117	0.0459	
Europium-152	34	0.0445	0.147	U	0.0898	0.187		0.0127	0.0182	U
Europium-154	120	0.0138	0.0536	B,U	0.0291	0.0649	B,U	0.103	0.0442	B
Europium-155		-0.0722	0.174	U	0.0301	0.0847	U	0.00632	0.0162	U
Radium-226	3.3	0.259	0.0915		0.295	0.111		0.197	0.0809	
Uranium-234										
Uranium-235	3.1	-0.00329	0.00646	U	0.0549	0.054		-0.0035	0.00688	U
Uranium-238	3.1	0.29	0.112		0.176	0.0908		0.259	0.111	
Plutonium-238	38	-0.00275	0.0054	U	0.00778	0.021	U	-0.00615	0.00854	U
Plutonium-239/240	23	0	0.0054	U	0.00778	0.021	U	-0.00308	0.0277	U
Plutonium-241		0.285	1.62	U	1.79	1.67		1.3	1.94	U
Americium-241	22	0.0438	0.0926	U	0.0598	0.143	U	-0.0227	0.114	U
Lead (mg/kg)	400	4.9			3.1			1.4		
Mercury (µg/kg)	1840	58			34			6		J

Sum of Ratios	0.180566569	0.219585653	0.17250369
Sum of Ratios w/Chemicals	0.224338308	0.245813914	0.17926456

SU 7B - Silencer Excavation

Nuclide	ALARA Cleanup Goal (pCi/g)	FSS-062-081821 (7BSS07 0-6")			FSS-063-081821 (7BSS07 6-12")			FSS-064-081821 (7BSS07 18-24")		
		Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier
Hydrogen-3		-0.108	0.235	U	0.109	0.258	U	0	0.271	U
Carbon-14		-0.0797	0.554	U	-0.214	0.527	U	-0.33	0.469	U
Sodium-22		-0.00709	0.051	U	0.00784	0.0324	U	-0.0387	0.0601	U
Cobalt 60	840	0.0264	0.0185	U	0.0131	0.0347	U	0.025	0.0221	
Nickel-63		1.62	0.766	B	1.39	0.726	B	1.24	0.774	B
Strontium-90	10	0.0148	0.19	Q,U	0.18	0.186	Q	0.037	0.172	Q,U
Cesium-137	15	0.0346	0.066	U	0.0803	0.0334		0.0333	0.064	U
Europium-152	34	0.0894	0.169	U	0.091	0.176	U	0.0876	0.0702	
Europium-154	120	0.0307	0.135	U	0.0677	0.0894		0.0612	0.131	
Europium-155		-0.00302	0.00673	U	0.0552	0.133	U	0.0645	0.201	U
Radium-226	3.3	0.254	0.124		0.289	0.113		0.409	0.114	
Uranium-234		0.111	0.0603		0.323	0.103		0.399	0.118	
Uranium-235	3.1	0.0101	0.0198		0.012	0.0279	U	0.0278	0.0348	
Uranium-238	3.1	0.115	0.0625		0.234	0.0867		0.258	0.0942	
Plutonium-238	38	0	0.0231	U	-0.0315	0.0157	U	0.0113	0.0215	
Plutonium-239/240	23	-0.00187	0.00366	U	0	0.0299	U	0.0132	0.0212	
Plutonium-241		1.88	1.32		0.118	1.24	U	1.9	1.47	
Americium-241	22	-0.0747	0.173	U	-0.0653	0.173	U	0.0151	0.173	U
Lead (mg/kg)	400	0.68			0.8			0.99		
Mercury (µg/kg)	1840	15		U	15		U	15		U

Sum of Ratios	0.117324536	0.186977129	0.220120456
Sum of Ratios w/Chemicals	0.119024536	0.188977129	0.222595456

SU 7B - Silencer Excavation

Nuclide	ALARA Cleanup Goal (pCi/g)	FSS-041-081321 (7BSS08 0-6")			FSS-042-081321 (7BSS08 6-12")			FSS-043-081321 (7BSS08 18-24")		
		Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier
Hydrogen-3		0.258	0.204	B	0.295	0.211	B	0.347	0.222	B
Carbon-14		0.482	0.764	U	0.589	0.776	U	0.574	0.764	U
Sodium-22		-0.0154	0.0384	U	-0.0272	0.0432	U	0.0187	0.0151	
Cobalt 60	840	0.0359	0.0182		-0.0281	0.0695	U	0	0.00894	U
Nickel-63		0.745	0.788		0.998	0.964		0.785	0.89	
Strontium-90	10	0.0959	0.179	U	0.0893	0.198	U	-0.0244	0.195	U
Cesium-137	15	0.015	0.0614	U	0.0631	0.0356		0.012	0.0223	U
Europium-152	34	0.258	0.116	B	0.0322	0.0465	B,U	0.0415	0.051	B,U
Europium-154	120	0.0327	0.0245	U	0.0366	0.0696		0.0457	0.0586	
Europium-155		-0.000498	0.229	U	-0.062	0.0826	U	-0.0278	0.16	U
Radium-226	3.3	0.0999	0.0616	U	0.184	0.0858		0.0507	0.0642	U
Uranium-234		0.094	0.0561		0.0992	0.0657		0.0884	0.0555	
Uranium-235	3.1	0	0.00521	U	0.0123	0.0242		0.0105	0.0206	
Uranium-238	3.1	0.0704	0.051		0.0446	0.0441		0.0441	0.0411	
Plutonium-238	38	-0.0175	0.0255	U	0.0196	0.0468	U	-0.00759	0.0238	U
Plutonium-239/240	23	0.01	0.0295	U	-0.0028	0.00549	U	0.0076	0.0205	U
Plutonium-241		-1.18	1.44	U	-1.12	1.66	U	1.07	1.4	U
Americium-241	22	-0.0646	0.114	U	0.0331	0.0701	U	-0.0518	0.114	U
Lead (mg/kg)	400	0.73			0.54			0.79		
Mercury (μg/kg)	1840	16		U	15		U	15		U

Sum of Ratios	0.030340651	0.078624081	0.017993737
Sum of Ratios w/Chemicals	0.032165651	0.079974081	0.019968737

SU 7B - Silencer Excavation

Nuclide	ALARA Cleanup Goal (pCi/g)	FSS-038-081321 (7BSS09 0-6")			FSS-039-081321 (7BSS09 6-12")			FSS-040-081321 (7BSS09 18-24")		
		Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier
Hydrogen-3		0.21	0.205	B	0.228	0.214	B	0.253	0.207	B
Carbon-14		0.852	0.689		0.592	0.746	U	0.703	0.791	
Sodium-22		-0.00148	0.0314	U	0.0156	0.0344	U	0.00877	0.0337	U
Cobalt 60	840	0.00493	0.0083	U	-0.0301	0.0787	U	-0.00795	0.0537	U
Nickel-63		1.42	0.854		0.821	0.832		1.31	0.814	
Strontium-90	10	-0.121	0.187	U	-0.0586	0.173	U	0.0256	0.167	U
Cesium-137	15	0.0829	0.0382		-0.00526	0.0543	U	-0.0124	0.0381	U
Europium-152	34	0.125	0.0883	B	0.08	0.117	B	0.0405	0.0399	B,U
Europium-154	120	0.0448	0.0491		0.097	0.0486		-0.000624	0.00132	U
Europium-155		0.0375	0.272	U	0.0385	0.0922	U	0.0149	0.0767	U
Radium-226	3.3	0.096	0.126	U	0.23	0.0939		0.0659	0.0776	U
Uranium-234		0.176	0.0763		0.141	0.0782		0.169	0.0755	
Uranium-235	3.1	0	0.00462	U	0.0288	0.0359		0.00256	0.0219	U
Uranium-238	3.1	0.144	0.0697		0.151	0.0732		0.171	0.0753	
Plutonium-238	38	0.0343	0.0363		-0.00239	0.0047	U	0.0573	0.0506	
Plutonium-239/240	23	0.00687	0.0185	U	0.00959	0.0188		-0.00239	0.00469	U
Plutonium-241		-0.296	1.41	U	-1.37	1.34	U	-0.839	1.37	U
Americium-241	22	0.0327	0.135	U	0.0425	0.0998	U	0.0428	0.0943	U
Lead (mg/kg)	400	1.9			1.8			1		
Mercury (μg/kg)	1840	18		U	15		U	14		U

Sum of Ratios	0.056930715	0.131275201	0.056669185
Sum of Ratios w/Chemicals	0.061680715	0.135775201	0.059169185

SU 7B - Silencer Excavation

Nuclide	ALARA Cleanup Goal (pCi/g)	FSS-035-081321 (7BSS10 0-6")			FSS-036-081321 (7BSS10 6-12")			FSS-037-081321 (7BSS10 18-24")		
		Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier
Hydrogen-3		0.244	0.206	B	0.409	0.222	B	0.258	0.203	B
Carbon-14		0.42	0.652	U	-0.0165	0.691	U	0.149	0.715	U
Sodium-22		0.0172	0.0151		0	0.00912	U	0.00721	0.0298	U
Cobalt 60	840	0.0154	0.0415	U	-0.0016	0.0498	U	0.00299	0.0466	U
Nickel-63		1.24	0.821		0.861	0.835		0.697	0.725	
Strontium-90	10	0.303	0.196		-0.0722	0.207	U	0.156	0.195	
Cesium-137	15	-0.0234	0.0433	U	-0.0283	0.115	U	0.0198	0.0468	U
Europium-152	34	0.0969	0.0956	B	0.129	0.0686	B	0.136	0.118	B
Europium-154	120	0.0666	0.0355		0.0616	0.0969		0.061	0.0992	
Europium-155		0.0514	0.174	U	0.0179	0.0486	U	-0.00438	0.209	U
Radium-226	3.3	0.128	0.0662		0.108	0.0997	U	-0.00434	0.0146	U
Uranium-234		0.108	0.0573		0.244	0.0908		0.097	0.0569	
Uranium-235	3.1	0.00693	0.0187	U	0.0114	0.0265	U	0.00473	0.0197	U
Uranium-238	3.1	0.122	0.0609		0.13	0.0619		0.0474	0.0401	
Plutonium-238	38	0.0338	0.0356		0.0228	0.0338		0.0575	0.051	
Plutonium-239/240	23	0.0159	0.0221		-0.00622	0.00706	U	-0.00262	0.00514	U
Plutonium-241		-0.971	1.09	U	-1.27	1.15	U	-1.51	1.49	U
Americium-241	22	0.00477	0.0967	U	0.0656	0.164	U	0.0549	0.137	U
Lead (mg/kg)	400	0.4			1.1			0.59		
Mercury (μg/kg)	1840	15		U	14		U	14		U

Sum of Ratios	0.113428496	0.046842935	0.036911814
Sum of Ratios w/Chemicals	0.114428496	0.049592935	0.038386814

SU 7B - Silencer Excavation

Nuclide	ALARA Cleanup Goal (pCi/g)	FSS-032-081321 (7BSS11 0-6")			FSS-033-081321 (7BSS11 6-12")			FSS-034-081321 (7BSS11 18-24")		
		Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier
Hydrogen-3		0.251	0.193	B	0.379	0.215	B	0.244	0.198	B
Carbon-14		0.493	0.734	U	1.05	0.791		0.749	0.765	
Sodium-22		-0.00161	0.0341	U	-0.00147	0.0312	U	0.00118	0.0237	U
Cobalt 60	840	0.0301	0.0243		-0.00315	0.00543	U	-0.0159	0.0588	U
Nickel-63		0.935	0.862		1.7	0.825		0.989	0.75	
Strontium-90	10	0.144	0.179		0.235	0.225		0.126	0.182	U
Cesium-137	15	0.0403	0.0624	U	0.405	0.0786		0.0275	0.0519	U
Europium-152	34	0.126	0.182	B	0.193	0.0965	B	0.111	0.0615	B
Europium-154	120	0.157	0.0602		-0.00641	0.0526	U	0.00742	0.0135	U
Europium-155		-0.149	0.199	U	0.0847	0.286	U	-0.0522	0.0761	U
Radium-226	3.3	0.406	0.151		-0.0244	0.114	U	0.259	0.0979	
Uranium-234		0.375	0.135		0.133	0.0736		0.136	0.0773	
Uranium-235	3.1	0.0261	0.0462		0.00308	0.0263	U	0.0136	0.0396	U
Uranium-238	3.1	0.246	0.103		0.165	0.081		0.164	0.0759	
Plutonium-238	38	0.0253	0.0526	U	-0.00282	0.0254	U	0.0226	0.0469	U
Plutonium-239/240	23	0.0337	0.0383		0.00283	0.0242	U	-0.01	0.0241	U
Plutonium-241		-0.374	1.64	U	-1.24	1.65	U	0.852	1.52	U
Americium-241	22	0.0945	0.164	U	0.0575	0.0954	U	0.0899	0.0843	
Lead (mg/kg)	400	0.93			0.84			0.55		
Mercury (μg/kg)	1840	15		U	15		U	16		U

Sum of Ratios	0.231719763	0.109402277	0.138739144
Sum of Ratios w/Chemicals	0.234044763	0.111502277	0.140114144

SU 7B - Silencer Excavation

Nuclide	ALARA Cleanup Goal (pCi/g)	FSS-029-081321 (7BSS12 0-6")			FSS-030-081321 (7BSS12 6-12")			FSS-031-081321 (7BSS12 18-24")		
		Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier
Hydrogen-3		0.0489	0.193	U	0.139	0.208	U	0.138	0.208	U
Carbon-14		0.416	0.741	U	0.0437	0.719	U	0.0729	0.708	U
Sodium-22		-0.0545	0.0584	U	0.00714	0.0295	U	0.0387	0.0232	
Cobalt 60	840	-0.00443	0.008	U	0.024	0.0158		-0.00608	0.041	U
Nickel-63		1.48	0.826		1.13	0.791		1.1	0.811	
Strontium-90	10	0.183	0.172		0.0765	0.181	U	0.354	0.205	
Cesium-137	15	0	0.0457	U	-0.00281	0.047	U	0.0182	0.0406	U
Europium-152	34	0.0598	0.0904	B	0.00964	0.0173	B,U	0.107	0.0518	B
Europium-154	120	0.00817	0.01	U	0.0731	0.0948		0.0116	0.0452	U
Europium-155		-0.000837	0.129	U	-0.00433	0.147	U	0.0169	0.0635	U
Radium-226	3.3	0.285	0.0923		0.22	0.096		-0.0148	0.102	U
Uranium-234		0.0691	0.069		0.0871	0.0935		0.111	0.0767	
Uranium-235	3.1	-0.0232	0.0338	U	0.00747	0.0311	U	0.0459	0.0523	
Uranium-238	3.1	0.141	0.0826		0.0809	0.0681		0.105	0.0696	
Plutonium-238	38	0.0555	0.0624		0.00338	0.0509	U	-0.0277	0.0182	U
Plutonium-239/240	23	0.0243	0.0391		0	0.0297	U	0.0339	0.0424	
Plutonium-241		-0.897	1.95	U	0	2.09	U	0.0796	1.79	U
Americium-241	22	0.0755	0.111	U	0.0543	0.136	U	0.0458	0.0967	U
Lead (mg/kg)	400	5.9			1.9			1		
Mercury (µg/kg)	1840	26			14		U	15		U

Sum of Ratios	0.154423379	0.093401179	0.088698391
Sum of Ratios w/Chemicals	0.183303814	0.098151179	0.091198391

SU 7B - Silencer Excavation

Nuclide	ALARA Cleanup Goal (pCi/g)	FSS-026-081221 (7BSS13 0-6")			FSS-027-081221 (7BSS13 6-12")			FSS-028-081221 (7BSS13 18-24")		
		Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier
Hydrogen-3		0.196	0.211		0.0817	0.2	U	0.238	0.217	
Carbon-14		0.219	0.716	U	0.919	0.805		-0.0547	0.689	U
Sodium-22		0.0376	0.0249		0.0145	0.0259	U	-0.00706	0.0398	U
Cobalt 60	840	-0.0559	0.0942	U	0.00115	0.038	U	0.0307	0.0229	
Nickel-63		0.838	0.812		1.23	0.942		1.64	0.781	
Strontium-90	10	0.179	0.204		-0.0597	0.168	U	0.0813	0.174	U
Cesium-137	15	0.0175	0.0524	U	-0.0401	0.0618	U	0.0327	0.0631	U
Europium-152	34	0.145	0.106	B	0.112	0.0875	B	0.0834	0.12	B
Europium-154	120	0.00147	0.00262	U	0.0272	0.0446	U	0.0733	0.0886	
Europium-155		0.027	0.0748	U	0.0395	0.134	U	-0.00429	0.159	U
Radium-226	3.3	0.265	0.0927		0.259	0.0866		0.227	0.098	
Uranium-234		0.16	0.0904		0.212	0.105		0.28	0.118	
Uranium-235	3.1	0.00603	0.0251	U	0.0132	0.0259		0.0607	0.0566	
Uranium-238	3.1	0.179	0.0843		0.182	0.0897		0.269	0.107	
Plutonium-238	38	0.0501	0.0495		0.0191	0.0308		0.062	0.0523	
Plutonium-239/240	23	0.0195	0.0314		0.00821	0.0221	U	0	0.00529	U
Plutonium-241		-1.44	1.61	U	-0.141	1.69	U	1.72	1.73	
Americium-241	22	0.0426	0.144	U	0.0146	0.121	U	0.0105	0.146	U
Lead (mg/kg)	400	6			5.3			5.6		
Mercury (µg/kg)	1840	25			18		J	23		

Sum of Ratios	0.162375919	0.14524934	0.179874619
Sum of Ratios w/Chemicals	0.190962875	0.168281948	0.206374619

SU 7B - Silencer Excavation

Nuclide	ALARA Cleanup Goal (pCi/g)	FSS-023-081221 (7BSS14 0-6")			FSS-024-081221 (7BSS14 6-12")			FSS-025-081221 (7BSS14 18-24")		
		Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier
Hydrogen-3		0.0248	0.193	U	0.117	0.204	U	0.25	0.219	
Carbon-14		0.34	0.934	U	0.631	0.736		0.612	0.584	
Sodium-22		-0.0429	0.0585	U	-0.0547	0.0586	U	0.0345	0.0216	
Cobalt 60	840	0.00313	0.0192	U	0.00121	0.0399	U	0.0226	0.0429	
Nickel-63		1.07	0.818		0.726	0.836		1.14	0.867	
Strontium-90	10	0.339	0.194		0.237	0.166		0.241	0.216	
Cesium-137	15	0.0112	0.0537	U	0.00247	0.0467	U	0.0188	0.0347	
Europium-152	34	0.0294	0.0383	B,U	0.0489	0.0883	B	0.0718	0.113	B
Europium-154	120	0.109	0.0601		0.051	0.0836		0.0301	0.03	U
Europium-155		-0.000464	0.121	U	0.0598	0.21	U	-0.0771	0.222	U
Radium-226	3.3	0.0807	0.172	U	0.0213	0.0401	U	0.316	0.0948	
Uranium-234		0.0329	0.0513		0.0596	0.0715		0.17	0.094	
Uranium-235	3.1	0.0346	0.0433		0.0322	0.0448		0.0123	0.024	
Uranium-238	3.1	0.0883	0.06		0.124	0.0745		0.214	0.0922	
Plutonium-238	38	0.0528	0.0492		0.0124	0.0456	U	0.00918	0.0365	U
Plutonium-239/240	23	0	0.00493	U	0.0249	0.0346		-0.00919	0.0104	U
Plutonium-241		-0.575	1.38	U	-0.454	1.98	U	0.537	1.84	U
Americium-241	22	0.0544	0.0922	U	-0.053	0.0522	U	-0.0288	0.133	U
Lead (mg/kg)	400	1.6			0.74			0.73		
Mercury (μg/kg)	1840	15		U	15		U	16		U

Sum of Ratios	0.075842968	0.077032941	0.196249579
Sum of Ratios w/Chemicals	0.079842968	0.078882941	0.198074579

SU 7B - Silencer Excavation

Nuclide	ALARA Cleanup Goal (pCi/g)	FSS-020-081221 (7BSS15 0-6")			FSS-021-081221 (7BSS15 6-12")			FSS-022-081221 (7BSS15 18-24")		
		Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier
Hydrogen-3		0.0759	0.199	U	0.077	0.209	U	-0.0592	0.179	U
Carbon-14		0.665	0.99	U	0.701	0.966	U	1	0.951	
Sodium-22		0.00912	0.0283	U	-0.0079	0.0332	U	0.0398	0.0263	
Cobalt 60	840	0.00645	0.00618	U	-0.0316	0.0697	U	0.0107	0.068	U
Nickel-63		0.262	0.863	U	0.953	1		0.649	0.938	U
Strontium-90	10	0.169	0.183		0.19	0.203		0.179	0.203	
Cesium-137	15	0.029	0.0528		0.0226	0.0404	U	-0.00133	0.0824	U
Europium-152	34	0.0581	0.105	B	0.0512	0.0863	B,U	0.0767	0.129	B
Europium-154	120	0.00243	0.0036	U	0.0571	0.0858		0.0419	0.0734	U
Europium-155		0.045	0.0938	U	0	0.0592	U	0.06	0.178	U
Radium-226	3.3	0.233	0.106		0.181	0.0788		0.036	0.129	U
Uranium-234		0.133	0.0764		0.0201	0.0697	U	0.14	0.085	
Uranium-235	3.1	-0.00662	0.00919	U	-0.0643	0.0435	U	0.0158	0.0367	U
Uranium-238	3.1	0.0319	0.043		0.0631	0.0662		0.201	0.0907	
Plutonium-238	38	0.0276	0.0506	U	0.00973	0.0626	U	0.0885	0.0642	
Plutonium-239/240	23	0.00306	0.0262	U	0.00325	0.0397	U	-0.00537	0.00746	U
Plutonium-241		-1.32	1.62	U	-0.514	1.64	U	-1.06	1.67	U
Americium-241	22	0.00308	0.117	U	0.0405	0.0893	U	0.032	0.134	U
Lead (mg/kg)	400	0.66			0.7			0.91		
Mercury (μg/kg)	1840	15		U	15		U	15		U

Sum of Ratios	0.10143854	0.094679157	0.087323539
Sum of Ratios w/Chemicals	0.10308854	0.096429157	0.089598539

SU 7B - Silencer Excavation

Nuclide	ALARA Cleanup Goal (pCi/g)	FSS-017-081221 (7BSS16 0-6")			FSS-018-081221 (7BSS16 6-12")			FSS-019-081221 (7BSS16 18-24")		
		Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier
Hydrogen-3		0.172	0.212		0.101	0.199	U	-0.0107	0.184	U
Carbon-14		0.855	1.03		0.223	1	U	0.547	0.98	U
Sodium-22		-0.0251	0.0485	U	-0.0505	0.055	U	0.0121	0.0347	U
Cobalt 60	840	-0.00306	0.0672	U	0.026	0.0156		-0.0314	0.085	U
Nickel-63		-0.0509	0.873	U	0.043	0.865	U	0.00705	0.934	U
Strontium-90	10	0.201	0.219		0.0861	0.2	U	0.0153	0.169	U
Cesium-137	15	0.356	0.0888		0.351	0.0691		0.0942	0.034	
Europium-152	34	0.0477	0.0948	B,U	-0.0367	0.0822	B,U	0.27	0.131	B
Europium-154	120	0.0385	0.0718	U	0.0338	0.0548	U	0.0364	0.0511	U
Europium-155		0.0263	0.0841	U	0.0573	0.199	U	-0.000489	0.142	U
Radium-226	3.3	0.331	0.105		0.286	0.091		0.261	0.0842	
Uranium-234		0.129	0.0789		0.134	0.077		0.0475	0.0573	
Uranium-235	3.1	0.0098	0.0264	U	0.0208	0.0336		0	0.00644	U
Uranium-238	3.1	0.128	0.0753		0.205	0.0897		0.208	0.0941	
Plutonium-238	38	0.0234	0.0658	U	0.043	0.0475		0.0203	0.0485	U
Plutonium-239/240	23	0.102	0.0784		0.00239	0.0204	U	0.0029	0.0248	U
Plutonium-241		0.126	1.46	U	-0.943	1.35	U	-1.42	1.61	U
Americium-241	22	0.088	0.0902		0.0462	0.087	U	0.0717	0.112	U
Lead (mg/kg)	400	2.4			4.8			2.5		
Mercury (μg/kg)	1840	14		U	8.8		J	15		U

Sum of Ratios	0.193861469	0.184067908	0.16040886
Sum of Ratios w/Chemicals	0.199861469	0.200850516	0.16665886

SU 7B - Silencer Excavation

Nuclide	ALARA Cleanup Goal (pCi/g)	FSS-156-082621 (7BSB01 0-6")			FSS-157-082621 (7BSB01 6-12")			FSS-158-082621 (7BSB01 18-24")		
		Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier
Hydrogen-3		-0.162	0.203	U	-0.214	0.201	U	-0.122	0.211	U
Carbon-14		1.06	0.878		0.335	0.762	U	0.715	0.654	
Sodium-22		0.0394	0.0503		0.0685	0.0323		0.0114	0.0355	U
Cobalt 60	840	-0.03	0.0973	U	0.0116	0.0264	U	-0.0304	0.0992	U
Nickel-63		1.09	1.18		0.498	1.18	U	1.21	1.21	
Strontium-90	10	0.616	0.2		0.31	0.188		0.161	0.161	
Cesium-137	15	0.812	0.152		0.249	0.0675		0.117	0.0572	
Europium-152	34	0.168	0.137		0.1	0.247		0.0824	0.142	
Europium-154	120	0.0655	0.0956	U	0.033	0.0891	U	0.0898	0.0464	
Europium-155		-0.137	0.169	U	-0.000913	0.192	U	0.0323	0.106	U
Radium-226	3.3	1.06	0.233		0.593	0.132		0.275	0.132	
Uranium-234		0.637	0.162		0.41	0.12		0.311	0.104	
Uranium-235	3.1	0.0566	0.0498		0.0389	0.0411		0.0211	0.0293	
Uranium-238	3.1	0.745	0.174		0.413	0.12		0.406	0.121	
Plutonium-238	38	-0.0062	0.0266	U	-0.0102	0.0268	U	0.00795	0.0292	U
Plutonium-239/240	23	0.0207	0.0287		0.0102	0.0236	U	-0.00199	0.0039	U
Plutonium-241		-1.4	1.6	U	-1.11	1.49	U	-1.17	1.29	U
Americium-241	22	0.023	0.255	U	0.0524	0.164	U	0.0422	0.154	U
Lead (mg/kg)	400	27			14			2.5		
Mercury (µg/kg)	1840	280			99			18		J

Sum of Ratios	0.701367276	0.37601234	0.24817939
Sum of Ratios w/Chemicals	0.921041189	0.464816688	0.264211998

SU 7B - Silencer Excavation

Nuclide	ALARA Cleanup Goal (pCi/g)	FSS-162-082621 (7BSB02 0-6")			FSS-163-082621 (7BSB02 6-12")			FSS-164-082621 (7BSB02 18-24")		
		Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier
Hydrogen-3		-0.0733	0.216	U	-0.135	0.209	U	-0.000591	0.219	U
Carbon-14		0.454	0.694	U	-0.0842	0.745	U	-0.0938	0.677	U
Sodium-22		-0.029	0.0521	U	0.0376	0.0216		0.0347	0.0243	
Cobalt 60	840	-0.00232	0.0451	U	0.00108	0.0358	U	-0.0224	0.0873	U
Nickel-63		0.765	1.02	U	0.822	1	U	1.2	1.16	
Strontium-90	10	0.442	0.292		0.295	0.303	U	0.609	0.316	
Cesium-137	15	0.418	0.0875		0.223	0.0549		0.17	0.0484	
Europium-152	34	0.0776	0.115	J	0.0272	0.0794	J,U	0.0941	0.052	J
Europium-154	120	0.0285	0.0508	U	0.0244	0.0767	U	0.0316	0.0675	U
Europium-155		0	0.0872	U	-0.00425	0.0102	U	0.0171	0.0517	U
Radium-226	3.3	0.262	0.105		0.385	0.104		0.416	0.142	
Uranium-234		0.142	0.0731		0.295	0.108		0.261	0.0966	
Uranium-235	3.1	0	0.00481	U	0.0524	0.0489		0	0.00535	U
Uranium-238	3.1	0.228	0.0869		0.288	0.103		0.291	0.103	
Plutonium-238	38	-0.0215	0.0135	U	0.0312	0.0406		-0.00231	0.0207	U
Plutonium-239/240	23	-0.00431	0.0198	U	0.0246	0.0307		0.00231	0.0197	U
Plutonium-241		1.42	1.53		-0.38	1.32	U	0.796	1.72	U
Americium-241	22	-0.0508	0.131	U	-0.0294	0.124	U	-0.0119	0.156	U
Lead (mg/kg)	400	9.5			9			6.5		
Mercury (µg/kg)	1840	58			71			71		

Sum of Ratios	0.227291346	0.243230403	0.294932554
Sum of Ratios w/Chemicals	0.282563085	0.304317359	0.349769511

SU 7C - Stormwater Collection System Excavation

Nuclide	ALARA Cleanup Goal (pCi/g)	FSS-112-082021 (7CSS01 0-6")			FSS-113-082021 (7CSS01 6-12")			FSS-114-082021 (7CSS01 18-24")		
		Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier
Hydrogen-3		-0.0346	0.194	U	-0.064	0.2	U	0.0635	0.208	U
Carbon-14		-0.745	0.716	U	-0.027	0.83	U	-0.511	0.664	U
Sodium-22		0.00222	0.0316	U	-0.00621	0.0447	U	-0.00284	0.0392	U
Cobalt 60	840	0.015	0.0403	U	-0.061	0.111	U	0.006	0.0281	U
Nickel-63		0.0748	0.811	U	-0.172	0.807	U	0.114	0.825	U
Strontium-90	10	0.0346	0.171	U	0.0865	0.176	U	-0.0197	0.18	U
Cesium-137	15	0.0157	0.0384	U	-0.0349	0.0759	U	-0.021	0.112	U
Europium-152	34	0.0992	0.133	B	0.0919	0.164	B,U	0.0447	0.0879	B,U
Europium-154	120	-0.00956	0.0177	U	-0.0392	0.0888	U	-0.0358	0.0707	U
Europium-155		-0.0008	0.0801	U	-0.0878	0.326	U	-0.00431	0.134	U
Radium-226	3.3	0.382	0.107		0.0799	0.157	U	0.085	0.109	U
Uranium-234		0.264	0.0935		0.267	0.1		0.152	0.0735	
Uranium-235	3.1	-0.00251	0.00493	U	0.0111	0.0218		0.0393	0.0415	
Uranium-238	3.1	0.24	0.0888		0.151	0.073		0.149	0.0711	
Plutonium-238	38	0.002	0.0245	U	0.0272	0.0367		0.0227	0.0316	
Plutonium-239/240	23	0.00601	0.0162	U	-0.00227	0.00445	U	-0.00228	0.0204	U
Plutonium-241		-0.224	1.45	U	-0.206	1.64	U	0.018	1.63	U
Americium-241	22	-0.0584	0.0683	U	-0.0373	0.155	U	0.054	0.135	U
Lead (mg/kg)	400	10			3.8			2.8		
Mercury (μg/kg)	1840	16		J	15		U	16		U

Sum of Ratios	0.196094578	0.053006112	0.061339304
Sum of Ratios w/Chemicals	0.22979023	0.062506112	0.068339304

SU 7C - Stormwater Collection System Excavation

Nuclide	ALARA Cleanup Goal (pCi/g)	FSS-109-082021 (7CSS02 0-6")			FSS-110-082021 (7CSS02 6-12")			FSS-111-082021 (7CSS02 18-24")		
		Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier
Hydrogen-3		0.0221	0.203	U	0.0636	0.207	U	-0.0171	0.194	U
Carbon-14		-0.365	0.809	U	0.115	0.765	U	-0.352	0.742	U
Sodium-22		0.0232	0.0205		-0.0139	0.0327	U	0.00564	0.0295	U
Cobalt 60	840	0.0208	0.0561	U	-0.00443	0.052	U	0.0383	0.0201	
Nickel-63		0.298	0.748	U	0.187	0.798	U	0.979	0.895	
Strontium-90	10	0.274	0.161		0.132	0.16		-0.0892	0.192	U
Cesium-137	15	0.0174	0.0351	U	0	0.014	U	0.0166	0.042	U
Europium-152	34	0.0872	0.163	B	0.0537	0.0383	B,U	0.135	0.0776	B
Europium-154	120	0.14	0.0603		0.0567	0.0749		0.0552	0.0939	
Europium-155		0	0.0693	U	0	0.0307	U	0	0.0841	U
Radium-226	3.3	0.34	0.109		0.247	0.0855		0.301	0.103	
Uranium-234		0.306	0.101		0.263	0.0971		0.178	0.0769	
Uranium-235	3.1	0.00964	0.0284	U	0.00529	0.022	U	0.0398	0.0392	
Uranium-238	3.1	0.333	0.103		0.373	0.114		0.265	0.094	
Plutonium-238	38	-0.00812	0.00798	U	-0.00379	0.00527	U	0.00381	0.0284	U
Plutonium-239/240	23	0.00609	0.0164	U	-0.0019	0.0171	U	-0.00571	0.00648	U
Plutonium-241		0.378	1.51	U	0.621	1.56	U	-0.541	1.32	U
Americium-241	22	-0.00846	0.162	U	-0.0196	0.102	U	0.00225	0.108	U
Lead (mg/kg)	400	10			4.5			1.6		
Mercury (μg/kg)	1840	27			14		U	18		U

Sum of Ratios	0.24158103	0.208843565	0.194010885
Sum of Ratios w/Chemicals	0.281254943	0.220093565	0.198010885

SU 7C - Stormwater Collection System Excavation

Nuclide	ALARA Cleanup Goal (pCi/g)	FSS-106-082021 (7CSS03 0-6")			FSS-107-082021 (7CSS03 6-12")			FSS-108-082021 (7CSS03 18-24")		
		Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier
Hydrogen-3		0.18	0.221		-0.0796	0.194	U	0.106	0.208	U
Carbon-14		-0.212	0.796	U	0.279	0.85	U	-0.631	0.798	U
Sodium-22		-0.0314	0.065	U	-0.0347	0.0552	U	-0.00901	0.0379	U
Cobalt 60	840	0.0175	0.00967	U	0.00264	0.0259	U	0.0126	0.0257	U
Nickel-63		-0.124	0.932	U	-0.336	0.947	U	0.245	0.849	U
Strontium-90	10	-0.0831	0.139	U	0.0305	0.165	U	-0.0886	0.154	U
Cesium-137	15	0.0266	0.0543	U	0.0191	0.0479	U	-0.000908	0.0424	U
Europium-152	34	0.123	0.0775	B	0.135	0.0762	B	-0.00384	0.00532	B,U
Europium-154	120	0.061	0.044		0.0718	0.116		0.048	0.0787	U
Europium-155		-0.000994	0.00248	U	0.0013	0.00288	U	-0.000927	0.0909	U
Radium-226	3.3	0.243	0.109		0.251	0.117		0.204	0.08	
Uranium-234		0.136	0.0671		0.181	0.0877		0.296	0.114	
Uranium-235	3.1	-0.00478	0.00663	U	0	0.0218	U	0.0569	0.0592	
Uranium-238	3.1	0.148	0.0686		0.173	0.0747		0.238	0.101	
Plutonium-238	38	-0.00191	0.00375	U	-0.0059	0.00669	U	-0.00175	0.00344	U
Plutonium-239/240	23	-0.00575	0.00652	U	0.00393	0.0164	U	-0.00175	0.00344	U
Plutonium-241		0.257	1.52	U	0.117	1.39	U	0.0627	1.29	U
Americium-241	22	-0.077	0.188	U	0.0485	0.0669		-0.0638	0.0775	U
Lead (mg/kg)	400	2.9			2.7			1.1		
Mercury (μg/kg)	1840	14		U	18		U	14		U

Sum of Ratios	0.12550428	0.138640525	0.156947214
Sum of Ratios w/Chemicals	0.13275428	0.145390525	0.159697214

SU 7C - Stormwater Collection System Excavation

Nuclide	ALARA Cleanup Goal (pCi/g)	FSS-103-082021 (7CSS04 0-6")			FSS-104-082021 (7CSS04 6-12")			FSS-105-082021 (7CSS04 18-24")		
		Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier
Hydrogen-3		0.134	0.22	U	-0.106	0.183	U	0.0975	0.217	U
Carbon-14		-0.29	0.449	U	-0.00952	0.594	U	-0.69	0.608	U
Sodium-22		0.0231	0.0393		0.0157	0.0318	U	0.0219	0.0176	
Cobalt 60	840	0.0369	0.0221		0.00972	0.0331	U	0.00348	0.0186	U
Nickel-63		0.374	0.862	U	0.523	0.964	U	0.0215	0.91	U
Strontium-90	10	0.103	0.163	U	-0.147	0.145	U	-0.0433	0.154	U
Cesium-137	15	0.0251	0.045	U	0.067	0.0291		0.0188	0.0453	U
Europium-152	34	0.145	0.0958	B	0.0519	0.148	B,U	0.059	0.132	B,U
Europium-154	120	0.0313	0.051	U	-0.0381	0.07	U	0.0557	0.0913	
Europium-155		0.0622	0.166	U	-0.00433	0.12	U	-0.0792	0.136	U
Radium-226	3.3	0.341	0.0995		0.136	0.0911		0.0928	0.0744	U
Uranium-234		0.27	0.0981		0.269	0.0953		0.315	0.103	
Uranium-235	3.1	0.0181	0.0292		-0.00248	0.00486	U	0.0186	0.0258	
Uranium-238	3.1	0.255	0.0948		0.195	0.0816		0.354	0.105	
Plutonium-238	38	0.0201	0.0279		0	0.00356	U	0.0055	0.0148	U
Plutonium-239/240	23	-0.0101	0.00886	U	0.00727	0.0143		0	0.0036	U
Plutonium-241		0.0318	1.54	U	-0.019	1.38	U	1.4	1.52	
Americium-241	22	-0.0594	0.121	U	0.0486	0.133	U	0.0508	0.116	U
Lead (mg/kg)	400	11			8.8			1.3		
Mercury (μg/kg)	1840	18		J	19		J	18		U

Sum of Ratios	0.196267689	0.108898101	0.120657715
Sum of Ratios w/Chemicals	0.233550298	0.141224188	0.123907715

SU 7C - Stormwater Collection System Excavation

Nuclide	ALARA Cleanup Goal (pCi/g)	FSS-100-082021 (7CSS05 0-6")			FSS-101-082021 (7CSS05 6-12")			FSS-102-082021 (7CSS05 18-24")		
		Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier
Hydrogen-3		0.166	0.227	U	0.132	0.222	U	0.0212	0.207	U
Carbon-14		-0.705	0.753	U	-0.0308	0.72	U	-0.12	0.737	U
Sodium-22		-0.00856	0.0363	U	-0.00477	0.0343	U	-0.024	0.0574	U
Cobalt 60	840	-0.0372	0.104	U	0.0123	0.0427	U	0.0299	0.0241	
Nickel-63		0.133	0.977	U	-0.101	0.903	U	0.956	1.14	
Strontium-90	10	0.109	0.19	U	-0.0137	0.159	U	-0.0967	0.147	U
Cesium-137	15	0.0386	0.0738	U	0.0042	0.042	U	-0.0179	0.0697	U
Europium-152	34	0.0734	0.128	U	0.0641	0.131		-0.00165	0.0029	U
Europium-154	120	0.00892	0.075	U	0.0278	0.045	U	0.0714	0.0888	
Europium-155		-0.103	0.356	U	0.0391	0.0639	U	0.0265	0.0835	U
Radium-226	3.3	0.374	0.134		0.268	0.108		0.303	0.125	
Uranium-234		0.246	0.0963		0.202	0.0807		0.21	0.0923	
Uranium-235	3.1	0.00514	0.0214	U	0.0159	0.0324	U	0.0177	0.0286	
Uranium-238	3.1	0.216	0.088		0.142	0.065		0.16	0.0747	
Plutonium-238	38	0.00616	0.0435	U	0.0314	0.0408		-0.01	0.00881	U
Plutonium-239/240	23	-0.0103	0.0202	U	-0.00224	0.0044	U	-0.00601	0.00682	U
Plutonium-241		0.637	1.32	U	0.537	1.4	U	0.0441	1.39	U
Americium-241	22	0.0721	0.174	U	0.0509	0.116	U	0.0583	0.18	U
Lead (mg/kg)	400	24			8.3			5.6		
Mercury (μg/kg)	1840	16		U	18		U	15		U

Sum of Ratios	0.183010753	0.129730183	0.149771358
Sum of Ratios w/Chemicals	0.243010753	0.150480183	0.163771358

SU 7C - Stormwater Collection System Excavation

Nuclide	ALARA Cleanup Goal (pCi/g)	FSS-097-081921 (7CSS06 0-6")			FSS-098-082021 (7CSS06 6-12")			FSS-099-082021 (7CSS06 18-24")		
		Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier
Hydrogen-3		-0.00714	0.203	U	0.0455	0.21	U	-0.0653	0.195	U
Carbon-14		-0.517	0.792	U	0.571	0.829	U	-0.688	0.74	U
Sodium-22		0.0239	0.0288		-0.0658	0.0678	U	0.0413	0.0524	
Cobalt 60	840	0.00592	0.0557	U	-0.00466	0.0165	U	-0.029	0.0378	U
Nickel-63		-0.0442	0.877	U	-0.265	1.89	U	0.385	1.02	U
Strontium-90	10	-0.173	0.142	U	0.192	0.167		-0.112	0.135	U
Cesium-137	15	0.0224	0.0415	U	0.118	0.0354		0.146	0.0461	
Europium-152	34	0.109	0.175		0.0224	0.0935	U	0.0924	0.148	
Europium-154	120	0.0471	0.0796		0.0561	0.0682		0.0162	0.0234	U
Europium-155		-0.0745	0.139	U	-0.0052	0.0114	U	0	0.094	U
Radium-226	3.3	0.467	0.128		0.0658	0.107	U	0.466	0.134	
Uranium-234		0.285	0.0957		0.228	0.0882		0.225	0.088	
Uranium-235	3.1	0.00695	0.0187	U	0.018	0.0291		0	0.00504	U
Uranium-238	3.1	0.282	0.0941		0.279	0.0974		0.295	0.1	
Plutonium-238	38	-0.00797	0.0191	U	-0.0037	0.00514	U	-0.00189	0.017	U
Plutonium-239/240	23	-0.00199	0.00391	U	-0.00185	0.00364	U	0.00758	0.0149	
Plutonium-241		0.119	1.26	U	0.184	1.32	U	0.172	1.55	U
Americium-241	22	0.0358	0.119	U	0.0568	0.125	U	-0.00127	0.148	U
Lead (mg/kg)	400	28			44			38		
Mercury (μg/kg)	1840	21			82			91		

Sum of Ratios	0.236081276	0.123340618	0.249153957
Sum of Ratios w/Chemicals	0.317494319	0.277905836	0.393610479

SU 7C - Stormwater Collection System Excavation

Nuclide	ALARA Cleanup Goal (pCi/g)	FSS-094-081921 (7CSS07 0-6")			FSS-095-081921 (7CSS07 6-12")			FSS-096-081921 (7CSS07 18-24")		
		Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier
Hydrogen-3		0.146	0.216	U	0.0993	0.215	U	0.038	0.217	U
Carbon-14		-0.047	0.73	U	-0.223	0.768	U	-0.0686	0.798	U
Sodium-22		-0.00978	0.0411	U	-0.00174	0.0491	U	0.00231	0.0328	U
Cobalt 60	840	-0.0327	0.0663	U	-0.0342	0.0878	U	-0.0012	0.0557	U
Nickel-63		0.0506	0.873	U	-0.302	0.921	U	-0.237	0.78	U
Strontium-90	10	-0.0253	0.159	U	0.0484	0.135	U	0.106	0.164	U
Cesium-137	15	0.0159	0.0401	U	-0.0439	0.071	U	0.018	0.0335	U
Europium-152	34	0.0355	0.071	U	0.00000803	0.000015	U	0.0871	0.128	
Europium-154	120	0.0588	0.0882		0.0925	0.128		0.0381	0.0705	U
Europium-155		-0.0699	0.159	U	0.0937	0.323	U	0.0516	0.111	U
Radium-226	3.3	0.355	0.099		0.404	0.131		0.231	0.102	
Uranium-234		0.128	0.0697		0.0463	0.0824	U	0.23	0.112	
Uranium-235	3.1	0.0271	0.0376		-0.0154	0.0151	U	0.0119	0.0474	U
Uranium-238	3.1	0.237	0.0925		0.12	0.0772		0.255	0.117	
Plutonium-238	38	0.02	0.0367	U	-0.0136	0.0134	U	0.0253	0.0466	U
Plutonium-239/240	23	0.00667	0.018	U	-0.00341	0.00669	U	0.00846	0.0228	U
Plutonium-241		-0.888	1.11	Q,U	-1.39	1.66	Q,U	-1.08	1.44	Q,U
Americium-241	22	0.0369	0.119	U	-0.0697	0.179	U	0.0145	0.111	U
Lead (mg/kg)	400	3.4			12			2.1		
Mercury (μg/kg)	1840	15		U	16		U	14		U
Sum of Ratios		0.193259306			0.161904753			0.154819829		
Sum of Ratios w/Chemicals		0.201759306			0.191904753			0.160069829		

SU 7C - Stormwater Collection System Excavation

Nuclide	ALARA Cleanup Goal (pCi/g)	FSS-091-081921 (7CSS08 0-6")			FSS-092-081921 (7CSS08 6-12")			FSS-093-081921 (7CSS08 18-24")		
		Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier
Hydrogen-3		-0.185	0.261	U	-0.322	0.249	U	-0.251	0.257	U
Carbon-14		0.271	0.74	U	-0.094	0.666	U	0.243	0.808	U
Sodium-22		0.00729	0.0301	U	-0.0391	0.0539	U	0.00169	0.0338	U
Cobalt 60	840	0.0166	0.0496	U	0.013	0.0248	U	0.00174	0.0575	U
Nickel-63		-0.184	0.839	U	0.225	0.806	U	-0.277	0.887	U
Strontium-90	10	0.193	0.168		-0.148	0.18	U	0.567	0.242	
Cesium-137	15	0.187	0.0594		0.256	0.0614		0.152	0.0665	
Europium-152	34	0.0901	0.177	B	0.0446	0.0686	B,U	-0.0164	0.0368	B,U
Europium-154	120	0.0517	0.0657	U	0.0486	0.0707		0.0749	0.132	
Europium-155		0.0317	0.0869	U	0.025	0.0885	U	0.0804	0.312	U
Radium-226	3.3	0.399	0.125		0.286	0.0921		0.447	0.151	
Uranium-234		0.119	0.0747		0.237	0.11		0.0996	0.0741	
Uranium-235	3.1	0.0225	0.0362		0.0261	0.0421		0	0.00593	U
Uranium-238	3.1	0.131	0.0772		0.138	0.0866		0.267	0.103	
Plutonium-238	38	-0.0183	0.0305	U	-0.0228	0.017	U	0.00984	0.0289	U
Plutonium-239/240	23	0.0275	0.0428		0.00976	0.0263	U	0.00738	0.0199	U
Plutonium-241		-1.6	1.51	U	-0.933	1.67	U	-1.49	1.2	U
Americium-241	22	-0.0637	0.175	U	-0.0624	0.0492	U	0.0585	0.164	U
Lead (mg/kg)	400	11			8.1			10		
Mercury (μg/kg)	1840	6.7		J	30			15		U

Sum of Ratios	0.206037539	0.157073817	0.289041078
Sum of Ratios w/Chemicals	0.237178843	0.193628165	0.314041078

SU 7C - Stormwater Collection System Excavation

Nuclide	ALARA Cleanup Goal (pCi/g)	FSS-085-081921 (7CSS09 0-6")			FSS-086-081921 (7CSS09 6-12")			FSS-087-081921 (7CSS09 18-24")		
		Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier
Hydrogen-3		-0.239	0.261	U	-0.233	0.251	U	-0.19	0.262	U
Carbon-14		0.162	0.515	U	0.423	0.553	U	0.405	0.803	U
Sodium-22		0.0103	0.0233	U	-0.00157	0.0442	U	-0.0169	0.0453	U
Cobalt 60	840	0.0107	0.037	U	-0.0389	0.096	U	0.03	0.0224	
Nickel-63		0.596	0.886	U	0.677	0.897	U	0.919	0.929	
Strontium-90	10	0.0182	0.183	U	0.212	0.2		-0.017	0.154	U
Cesium-137	15	0.0657	0.0244		0.025	0.0476	U	0.0224	0.0464	U
Europium-152	34	0.067	0.0932	B	0.0207	0.027	B,U	0.116	0.168	B
Europium-154	120	0.0294	0.0316	U	0.0829	0.106		0.0678	0.119	
Europium-155		-0.0657	0.117	U	-1.79E-08	0.298	U	0.0574	0.132	U
Radium-226	3.3	0.208	0.0752		0.3	0.119		0.504	0.143	
Uranium-234		0.257	0.102		0.175	0.1		0.124	0.0737	
Uranium-235	3.1	0	0.00598	U	-0.00326	0.00639	U	-0.0133	0.0261	U
Uranium-238	3.1	0.164	0.0804		0.227	0.101		0.107	0.0613	
Plutonium-238	38	-0.00274	0.00538	U	0.0109	0.0322	U	0.00411	0.0171	U
Plutonium-239/240	23	-0.00275	0.00539	U	0.00821	0.0221	U	-0.00205	0.0185	U
Plutonium-241		-1.08	1.38	U	-2.28	1.31	U	-1.34	1.02	U
Americium-241	22	0.00673	0.1	U	0.0616	0.149	U	-0.0693	0.191	U
Lead (mg/kg)	400	10			5			3.2		J1
Mercury (μg/kg)	1840	6.4		J	17		U	14		U

Sum of Ratios	0.122284117	0.186025731	0.191255881
Sum of Ratios w/Chemicals	0.150762378	0.198525731	0.199255881

SU 7C - Stormwater Collection System Excavation

Nuclide	ALARA Cleanup Goal (pCi/g)	FSS-082-081921 (7CSS10 0-6")			FSS-083-081921 (7CSS10 6-12")			FSS-084-081921 (7CSS10 18-24")		
		Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier
Hydrogen-3		-0.239	0.272	U	-0.367	0.26	U	-0.295	0.254	U
Carbon-14		-0.04	0.572	U	0.304	0.701	U	0.977	0.844	
Sodium-22		-0.00703	0.0397	U	-0.00144	0.0281	U	-0.0197	0.0328	U
Cobalt 60	840	-0.00727	0.0645	U	-0.0357	0.0834	U	0.00341	0.00656	U
Nickel-63		0.624	0.807	U	0.438	0.844	U	0.742	0.781	
Strontium-90	10	-0.0898	0.157	U	0.0228	0.154	U	-0.0957	0.169	U
Cesium-137	15	0.1	0.0402		0.144	0.044		0.0569	0.0226	
Europium-152	34	0.0634	0.038	B,U	0.0855	0.138	B	0.0501	0.0692	B,U
Europium-154	120	0.0651	0.0987		0.029	0.0592	U	0.026	0.048	U
Europium-155		0.0572	0.126	U	0.0268	0.0846	U	-0.0533	0.123	U
Radium-226	3.3	0.334	0.113		0.0526	0.183	U	0.186	0.0807	
Uranium-234		0.157	0.0793		0.167	0.0811		0.157	0.0763	
Uranium-235	3.1	0.024	0.0333		0.00867	0.0234	U	-0.00257	0.00505	U
Uranium-238	3.1	0.19	0.0859		0.267	0.1		0.122	0.0636	
Plutonium-238	38	-0.0316	0.0348	U	0.0046	0.0278	U	0.00443	0.0184	U
Plutonium-239/240	23	-0.0122	0.0239	U	0.0253	0.0317		-0.0111	0.00975	U
Plutonium-241		1.15	1.53	U	0.532	1.4	U	0.409	1.53	U
Americium-241	22	-0.00465	0.163	U	-0.0559	0.168	U	0.0459	0.105	U
Lead (mg/kg)	400	5.7			4.4			6		
Mercury (µg/kg)	1840	13		J	16		J	15		J

Sum of Ratios	0.177453546	0.099343738	0.099511808
Sum of Ratios w/Chemicals	0.198768763	0.11903939	0.122663982

SU 7C - Stormwater Collection System Excavation

Nuclide	ALARA Cleanup Goal (pCi/g)	FSS-079-081821 (7CSS11 0-6")			FSS-080-081821 (7CSS11 6-12")			FSS-081-081821 (7CSS11 18-24")		
		Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier
Hydrogen-3		0.0159	0.215	U	0.131	0.239	U	-0.0401	0.213	U
Carbon-14		0.123	0.716	U	0.257	0.708	U	0.529	0.68	U
Sodium-22		-0.023	0.0414	U	0.0241	0.018		0.0506	0.0269	
Cobalt 60	840	0.0214	0.0312	U	-0.0286	0.0705	U	0.0146	0.0101	U
Nickel-63		0.375	0.899	B,U	0.0924	1.01	B,U	0.744	0.85	B
Strontium-90	10	-0.0808	0.162	U	0.173	0.21		0.19	0.208	
Cesium-137	15	0.292	0.0644		0.238	0.0662		0.0237	0.0433	U
Europium-152	34	0.106	0.139		0.0543	0.0755	U	0.0737	0.132	
Europium-154	120	0.0178	0.0288	U	-0.0139	0.0618	U	0.0284	0.0567	U
Europium-155		-0.0888	0.0606	U	0.0541	0.132	U	0.0617	0.163	U
Radium-226	3.3	0.371	0.102		0.311	0.0873		0.317	0.0903	
Uranium-234		0.221	0.0806		0.218	0.0903		0.0416	0.0859	U
Uranium-235	3.1	-0.00224	0.00439	U	0.00537	0.0223	U	-0.0226	0.033	U
Uranium-238	3.1	0.242	0.0845		0.237	0.0935		0.0881	0.0697	
Plutonium-238	38	0.0149	0.0264		0.0202	0.0281		0.00661	0.0263	U
Plutonium-239/240	23	0.0056	0.0151	U	0.00607	0.0164	U	0	0.00433	U
Plutonium-241		0.272	1.34	U	-0.294	1.2	Q,U	0.432	1.38	Q,U
Americium-241	22	0.00335	0.117	U	0.0519	0.119	U	0.0188	0.121	U
Lead (mg/kg)	400	24			17			3.6		
Mercury (μg/kg)	1840	10		J	15		U	15		U
Sum of Ratios		0.213465178			0.204392283			0.145647608		
Sum of Ratios w/Chemicals		0.27889996			0.246892283			0.154647608		

SU 7C - Stormwater Collection System Excavation

Nuclide	ALARA Cleanup Goal (pCi/g)	FSS-076-081821 (7CSS12 0-6")			FSS-077-081821 (7CSS12 6-12")			FSS-078-081821 (7CSS12 18-24")		
		Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier
Hydrogen-3		0.131	0.23	U	0.102	0.225	U	0.0854	0.221	U
Carbon-14		0.24	0.614	U	0.147	0.711	U	0.0631	0.703	U
Sodium-22		-0.0126	0.0486	U	0.0195	0.0359	U	-0.0327	0.0675	U
Cobalt 60	840	-0.0549	0.104	U	0.0111	0.0195		-0.03	0.0908	U
Nickel-63		0.933	0.949	B	1.13	0.902	B	0.178	0.918	B,U
Strontium-90	10	0.258	0.202		-0.136	0.195	U	0.109	0.172	U
Cesium-137	15	0.0894	0.0425		0.103	0.0374		-0.00913	0.0604	U
Europium-152	34	0.0676	0.1	U	0.075	0.115		0.074	0.114	U
Europium-154	120	0.0443	0.0771	U	0.0258	0.0351	U	0.088	0.115	
Europium-155		-0.00424	0.128	U	0	0.0752	U	0.0322	0.178	U
Radium-226	3.3	0.375	0.101		0.32	0.101		0.688	0.199	
Uranium-234		0.274	0.0936		0.337	0.102		0.275	0.0983	
Uranium-235	3.1	0.0144	0.0274		0.0161	0.026		0.0285	0.0357	
Uranium-238	3.1	0.212	0.0819		0.229	0.0844		0.214	0.0851	
Plutonium-238	38	-0.00202	0.00396	U	-0.00603	0.00684	U	-0.00186	0.00366	U
Plutonium-239/240	23	0.00202	0.0173	U	-0.00402	0.00559	U	-0.00187	0.00366	U
Plutonium-241		0.0867	1.63	U	0.685	1.53	U	0.61	1.39	U
Americium-241	22	0.0591	0.159	U	-0.0563	0.142	U	0.0274	0.168	U
Lead (mg/kg)	400	12			6.2			2.2		
Mercury (μg/kg)	1840	14		J	15		U	14		U

Sum of Ratios	0.218428622	0.185119976	0.287443988
Sum of Ratios w/Chemicals	0.256037317	0.200619976	0.292943988

SU 7C - Stormwater Collection System Excavation

Nuclide	ALARA Cleanup Goal (pCi/g)	FSS-073-081821 (7CSS13 0-6")			FSS-074-081821 (7CSS13 6-12")			FSS-075-081821 (7CSS13 18-24")		
		Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier
Hydrogen-3		0.0689	0.238	U	0.0955	0.219	U	0.0358	0.214	U
Carbon-14		-0.0847	0.729	U	0.235	0.571	U	-0.0172	0.568	U
Sodium-22		-0.0475	0.068	U	0.0165	0.0296	U	-0.00127	0.0357	U
Cobalt 60	840	0.0546	0.024		-0.05	0.0909	U	0.00922	0.0379	U
Nickel-63		1.22	0.774	B	1.25	0.745	B	0.977	0.699	B
Strontium-90	10	-0.0075	0.167	Q,U	0.0339	0.177	U	0.0936	0.21	U
Cesium-137	15	0.0344	0.0628	U	-0.0152	0.0535	U	-0.00804	0.0501	U
Europium-152	34	0.116	0.162		-0.0557	0.0991	U	0.0655	0.158	U
Europium-154	120	0.0763	0.11		0.0422	0.0798	U	0.0319	0.0631	U
Europium-155		0.00000001	0.254	U	-0.000915	0.142	U	0.0541	0.224	U
Radium-226	3.3	0.428	0.155		0.261	0.0936		0.312	0.0996	
Uranium-234		0.105	0.0651		0.257	0.0924		0.322	0.106	
Uranium-235	3.1	0.02	0.0278		0.0173	0.0279		0.0106	0.0208	
Uranium-238	3.1	0.249	0.0917		0.203	0.0814		0.264	0.0972	
Plutonium-238	38	-0.00386	0.00536	U	0	0.00377	U	-0.00207	0.00407	U
Plutonium-239/240	23	-0.00386	0.00536	U	0	0.00377	U	0.00831	0.0163	
Plutonium-241		-0.319	1.33	U	1.15	1.5	U	0.311	1.54	U
Americium-241	22	0.0742	0.168	U	0.0553	0.121	U	0.0462	0.114	U
Lead (mg/kg)	400	3.3			0.82			2.5		
Mercury (μg/kg)	1840	15		U	15		U	15		U

Sum of Ratios	0.220583761	0.150155425	0.183487404
Sum of Ratios w/Chemicals	0.228833761	0.152205425	0.189737404

SU 7C - Stormwater Collection System Excavation

Nuclide	ALARA Cleanup Goal (pCi/g)	FSS-070-081821 (7CSS14 0-6")			FSS-071-081821 (7CSS14 6-12")			FSS-072-081821 (7CSS14 18-24")		
		Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier
Hydrogen-3		0.0423	0.235	U	-0.00604	0.248	U	-0.151	0.225	U
Carbon-14		0.0631	0.503	U	0.0295	0.7	U	0.0298	0.624	U
Sodium-22		-0.0312	0.052	U	-0.0171	0.0402	U	0.014	0.0518	U
Cobalt 60	840	0.0111	0.0192	U	0.049	0.0281		-0.0181	0.0863	U
Nickel-63		2.47	0.799	J,B	1.34	0.739	B	1.1	0.733	B
Strontium-90	10	0.113	0.176	Q,U	0.275	0.172	Q	0.106	0.162	Q,U
Cesium-137	15	0.00872	0.0746	U	0.0205	0.0501	U	0.0197	0.0412	U
Europium-152	34	0.0406	0.0505	U	0.0533	0.107	U	-0.0139	0.0284	U
Europium-154	120	0.0975	0.101		-0.00298	0.0519	U	-0.0141	0.0294	U
Europium-155		-0.0958	0.339	U	-0.000946	0.0358	U	0.0667	0.118	U
Radium-226	3.3	0.424	0.13		0.369	0.115		0.458	0.133	
Uranium-234		0.195	0.0805		0.135	0.0644		0.226	0.0872	
Uranium-235	3.1	0.02	0.0277		0.0345	0.0364		0.00229	0.0196	U
Uranium-238	3.1	0.214	0.0835		0.188	0.0755		0.237	0.0868	
Plutonium-238	38	-0.00169	0.00332	U	-0.00188	0.00369	U	-0.0202	0.0201	U
Plutonium-239/240	23	0.0119	0.0191		0	0.00369	U	-0.0331	0.0155	U
Plutonium-241		0.207	1.19	U	0.605	1.39	U	0.4	1.4	U
Americium-241	22	-0.0401	0.164	U	-0.035	0.0288	U	0.0607	0.168	U
Lead (mg/kg)	400	5.1			3.6			1.8		
Mercury (μg/kg)	1840	14		U	16		U	15		U

Sum of Ratios	0.205298611	0.211150709	0.215239492
Sum of Ratios w/Chemicals	0.218048611	0.220150709	0.219739492

SU 7C - Stormwater Collection System Excavation

Nuclide	ALARA Cleanup Goal (pCi/g)	FSS-067-081821 (7CSS15 0-6")			FSS-068-081821 (7CSS15 6-12")			FSS-069-081821 (7CSS15 18-24")		
		Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier
Hydrogen-3		-0.154	0.214	U	0	0.243	U	-0.085	0.241	U
Carbon-14		-0.258	0.528	U	-0.0611	0.53	U	0.528	0.719	U
Sodium-22		-0.019	0.0465	U	-0.0191	0.0577	U	-0.00505	0.0364	U
Cobalt 60	840	-0.00262	0.0435	U	0.0355	0.0183		0.0154	0.0293	U
Nickel-63		1.38	0.749	B	1.7	0.796	B	1.54	0.774	B
Strontium-90	10	0.407	0.231	Q	0.00626	0.195	Q,U	0.17	0.186	Q
Cesium-137	15	0.193	0.052		0.117	0.0539		0.135	0.0426	
Europium-152	34	0.071	0.111		0.0957	0.0696		0.0415	0.0496	U
Europium-154	120	-0.0147	0.0563	U	0.114	0.0556		0.0976	0.0439	
Europium-155		0.0166	0.0985	U	0	0.0889	U	-0.000909	0.0646	U
Radium-226	3.3	0.266	0.0978		0.0594	0.121	U	0.341	0.109	
Uranium-234		0.23	0.086		0.175	0.0763		0.258	0.094	
Uranium-235	3.1	0.0291	0.033		0.0202	0.0281		0.0287	0.0359	
Uranium-238	3.1	0.195	0.0779		0.162	0.0723		0.19	0.0824	
Plutonium-238	38	-0.00421	0.0193	U	0.0059	0.0235	U	0.0108	0.0131	
Plutonium-239/240	23	0.04	0.0373		0.00985	0.0229	U	0.0012	0.00738	U
Plutonium-241		0.741	1.31	U	1.05	1.43	U	-0.0507	1.42	U
Americium-241	22	0.0529	0.117	U	-0.0743	0.166	U	-0.0709	0.0548	U
Lead (mg/kg)	400	5.5			12			5.9		
Mercury (μg/kg)	1840	15		U	15		U	16		U

Sum of Ratios	0.210290416	0.070381161	0.200979264
Sum of Ratios w/Chemicals	0.224040416	0.100381161	0.215729264

SU 7C - Stormwater Collection System Excavation

Nuclide	ALARA Cleanup Goal (pCi/g)	FSS-065-081821 (7CSS16 0-6")			FSS-066-081821 (7CSS16 6-12")			FSS-181-081821 (7CSS16 18-24")		
		Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier
Hydrogen-3		0.0304	0.246	U	0	0.234	U	-0.128	0.229	U
Carbon-14		-0.184	0.499	U	-0.359	0.592	U	-0.595	0.548	U
Sodium-22		0.0303	0.0395		0.00865	0.0269	U	0.00671	0.0351	U
Cobalt 60	840	0.00513	0.00322	U	-0.0128	0.061	U	0.0313	0.0167	
Nickel-63		1.42	0.797	B	1.59	0.767	B	1.82	0.806	B
Strontium-90	10	0.15	0.171	Q	0.139	0.193	Q,U	0.182	0.168	Q
Cesium-137	15	0.135	0.0446		0.0199	0.0348	U	0.0262	0.0628	U
Europium-152	34	0.0238	0.0447	U	0.0349	0.0399	U	0.077	0.0805	U
Europium-154	120	0.0584	0.0835		0.0495	0.0892		0.071	0.0884	
Europium-155		-0.0826	0.286	U	0.0198	0.0709	U	0.0781	0.288	U
Radium-226	3.3	0.254	0.127		0.278	0.102		0.31	0.118	
Uranium-234		0.123	0.0701		0.176	0.0755		0.234	0.085	
Uranium-235	3.1	-0.00247	0.0222	U	-0.00234	0.00458	U	0.00672	0.0181	U
Uranium-238	3.1	0.156	0.0707		0.249	0.0883		0.18	0.0737	
Plutonium-238	38	0.0137	0.028	U	0.00396	0.0296	U	-0.0336	0.0237	U
Plutonium-239/240	23	0.00784	0.0154		-0.00396	0.0182	U	-0.00988	0.0194	U
Plutonium-241		1.19	1.45		1.43	1.38		0.136	1.25	U
Americium-241	22	-0.0661	0.169	U	0.0065	0.117	U	0.0459	0.171	U
Lead (mg/kg)	400	12			9.2			3.9		
Mercury (μg/kg)	1840	14		U	16		U	16		U

Sum of Ratios	0.152119814	0.164977505	0.170832839
Sum of Ratios w/Chemicals	0.182119814	0.187977505	0.180582839

SU 7C - Stormwater Collection System Excavation

Nuclide	ALARA Cleanup Goal (pCi/g)	FSS-165-082621 (7CSB01 0-6")			FSS-166-082621 (7CSB01 6-12")			FSS-167-082621 (7CSB01 18-24")		
		Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier
Hydrogen-3		-0.243	0.196	U	0.0206	0.227	U	-0.0552	0.219	U
Carbon-14		0.392	0.831	U	0.196	0.821	U	0.0763	0.656	U
Sodium-22		0.0118	0.0265	U	0.0267	0.0215		0.0054	0.0313	U
Cobalt 60	840	0.0168	0.00963	U	-0.00143	0.0512	U	-0.0324	0.0763	U
Nickel-63		0.601	1.27	U	2.1	1.54		1.74	1.39	
Strontium-90	10	-0.0295	0.255	U	0.104	0.213	U	0.262	0.269	U
Cesium-137	15	0.129	0.0432		0.0309	0.0578	U	-0.00184	0.0279	U
Europium-152	34	0.0601	0.0967	B,U	0.019	0.0143	J,U	0.0616	0.1	J
Europium-154	120	0.05	0.0353		-0.0104	0.0809	U	0.113	0.0449	
Europium-155		-0.015	0.209	U	0.0665	0.131	U	0.0216	0.0668	U
Radium-226	3.3	0.249	0.0763		0.491	0.151		0.272	0.0827	
Uranium-234		0.246	0.0944		0.221	0.0969		0.17	0.0802	
Uranium-235	3.1	0.00828	0.0223	U	0.00598	0.0249	U	0.0195	0.0314	
Uranium-238	3.1	0.184	0.0834		0.264	0.102		0.167	0.0801	
Plutonium-238	38	0.0133	0.0254		0.00755	0.0203	U	0.00668	0.018	U
Plutonium-239/240	23	0.0111	0.0323	U	-0.00252	0.00494	U	0	0.00437	U
Plutonium-241		-0.461	1.32	U	0.774	1.91	U	1.01	1.7	U
Americium-241	22	-0.0641	0.14	U	0.0637	0.159	U	0.0471	0.0968	U
Lead (mg/kg)	400	11			8.6			7.9		
Mercury (μg/kg)	1840	13		J	28			24		

Sum of Ratios	0.144176051	0.233949169	0.145338964
Sum of Ratios w/Chemicals	0.178741268	0.27066656	0.178132442

SU 7C - Stormwater Collection System Excavation

Nuclide	ALARA Cleanup Goal (pCi/g)	FSS-168-082621 (7CSB02 0-6")			FSS-169-082621 (7CSB02 6-12")			FSS-170-082621 (7CSB02 18-24")		
		Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier
Hydrogen-3		0.132	0.242	U	-0.0506	0.225	U	-0.126	0.206	U
Carbon-14		-0.102	0.631	U	-0.0983	0.712	U	0.0901	0.804	U
Sodium-22		-0.0114	0.048	U	0.043	0.027		-0.0236	0.0488	U
Cobalt 60	840	-0.0557	0.102	U	-0.00138	0.0503	U	0.0548	0.031	
Nickel-63		1.42	1.27		1.49	1.33		1.7	1.3	
Strontium-90	10	0.33	0.324	U	-0.0875	0.212	U	0.188	0.256	U
Cesium-137	15	0.026	0.0515	U	0.204	0.0639		0.0197	0.0383	U
Europium-152	34	0.0707	0.214	J,U	0.122	0.0808	B	-0.0115	0.0229	J,U
Europium-154	120	0.0687	0.114		0.0699	0.116		0.13	0.0573	
Europium-155		-0.00746	0.0171	U	-0.0738	0.13	U	0.00438	0.0574	U
Radium-226	3.3	0.501	0.134		0.32	0.105		0.236	0.0917	
Uranium-234		0.434	0.167	J	0.212	0.126		0.192	0.0841	
Uranium-235	3.1	0.0179	0.0352	J,U	-0.0228	0.0201	U	0.00797	0.0215	U
Uranium-238	3.1	0.423	0.159	J	0.259	0.124		0.164	0.0763	
Plutonium-238	38	0.0117	0.0398	J,U	0.00366	0.0124	U	0	0.00484	U
Plutonium-239/240	23	0	0.0325	J,U	0.00732	0.0102	U	0.0198	0.0275	
Plutonium-241		27.2	87.6	J,U	-0.101	2.64	U	0.0648	1.85	U
Americium-241	22	0.063	0.156	U	-0.0671	0.168	U	0.021	0.107	U
Lead (mg/kg)	400	13			2.4			9.4		
Mercury (μg/kg)	1840	34			15		U	31		

Sum of Ratios	0.288842295	0.198288819	0.126427818
Sum of Ratios w/Chemicals	0.339820556	0.204288819	0.166775644

SU 7D - Radiation Control Area

Nuclide	ALARA Cleanup Goal (pCi/g)	FSS-115-082421 (7DSS01 0-6")			FSS-116-082421 (7DSS01 6-12")			FSS-117-082421 (7DSS01 18-24")		
		Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier
Hydrogen-3		-0.105	0.189	U	0.152	0.221	U	-0.0166	0.191	U
Carbon-14		-0.311	0.814	U	-0.324	0.74	U	-0.131	0.828	U
Sodium-22		0.0203	0.0265		0.0242	0.0339		-0.0382	0.0546	U
Cobalt 60	840	0.00621	0.0319	U	-0.0132	0.0921	U	0.0192	0.0169	
Nickel-63		1.13	1.05		0.275	0.757	U	-0.193	0.778	U
Strontium-90	10	-0.0154	0.242	U	0.0629	0.18	U	0.0701	0.206	U
Cesium-137	15	0	0.0313	U	0.0149	0.0432	U	0.0831	0.0329	
Europium-152	34	-0.0445	0.0792	U	0.0755	0.134	U	0.0781	0.194	
Europium-154	120	0.0438	0.0711		0.0282	0.0433	U	0.0247	0.0307	U
Europium-155		-0.00382	0.00898	U	0.0257	0.0857	U	0.03	0.101	U
Radium-226	3.3	0.234	0.089		0.475	0.12		0.522	0.124	
Uranium-234		0.226	0.0966		0.265	0.109		0.27	0.102	
Uranium-235	3.1	0.0328	0.0411		0.0343	0.0428		0.039	0.0482	
Uranium-238	3.1	0.35	0.118		0.315	0.114		0.262	0.102	
Plutonium-238	38	-0.00817	0.0256	U	-0.0109	0.0107	U	0.0211	0.0388	U
Plutonium-239/240	23	-0.00273	0.00535	U	0.00815	0.022	U	0.00705	0.019	U
Plutonium-241		1.91	2.12		-1.34	1.83	U	-0.94	1.55	U
Americium-241	22	0.0469	0.103	U	0.0306	0.163	U	-0.014	0.139	U
Lead (mg/kg)	400	11			9.6			15		
Mercury (μg/kg)	1840	170			94			61		

Sum of Ratios	0.194757962	0.256616813	0.263138508
Sum of Ratios w/Chemicals	0.314649266	0.33170377	0.333790682

SU 7D - Radiation Control Area

Nuclide	ALARA Cleanup Goal (pCi/g)	FSS-118-082421 (7DSS02 0-6")			FSS-119-082421 (7DSS02 6-12")			FSS-120-082421 (7DSS02 18-24")		
		Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier
Hydrogen-3		0.0437	0.189	U	0.144	0.197	U	0.167	0.207	
Carbon-14		-0.125	0.638	U	-0.689	0.797	U	0.212	0.845	U
Sodium-22		0.0215	0.0386	U	-0.0126	0.0382	U	-0.0385	0.0584	U
Cobalt 60	840	0.0309	0.0249		-0.0447	0.0755	U	-0.0369	0.0564	U
Nickel-63		0.0393	0.876	U	0.193	0.843	U	-0.16	0.785	U
Strontium-90	10	-0.0368	0.0597	U	0.35	0.249		0.0736	0.187	U
Cesium-137	15	0.0192	0.0651	U	0.00298	0.0482	U	-0.0162	0.053	U
Europium-152	34	0.0945	0.151		0.0403	0.0942	U	0.0779	0.145	
Europium-154	120	0.0648	0.108		0.0232	0.0266	U	0.0712	0.0532	
Europium-155		0.00357	0.0134	U	0	0.062	U	-0.00216	0.00462	U
Radium-226	3.3	0.454	0.154		0.283	0.071		0.124	0.0688	U
Uranium-234		0.115	0.094		0.194	0.0846		0.105	0.0927	
Uranium-235	3.1	-0.0234	0.0536	U	0	0.0055	U	-0.0218	0.0214	U
Uranium-238	3.1	0.123	0.0809		0.223	0.0902		0.17	0.109	
Plutonium-238	38	0.00308	0.0463	U	0.0248	0.0462	U	0.017	0.0353	U
Plutonium-239/240	23	-0.00616	0.00855	U	-0.00677	0.00769	U	-0.00212	0.00416	U
Plutonium-241		1	2.19	U	-0.108	1.48	U	0.27	1.31	U
Americium-241	22	0.0852	0.0791		0.0472	0.101	U	0.0669	0.168	U
Lead (mg/kg)	400	3.2			6.3			2.5		
Mercury (μg/kg)	1840	15		U	15		U	16		U

Sum of Ratios	0.184482102	0.19269306	0.057723219
Sum of Ratios w/Chemicals	0.192482102	0.20844306	0.063973219

SU 7D - Radiation Control Area

Nuclide	ALARA Cleanup Goal (pCi/g)	FSS-124-082421 (7DSS03 0-6")			FSS-125-082421 (7DSS03 6-12")			FSS-126-082421 (7DSS03 18-24")		
		Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier
Hydrogen-3		0.104	0.193	U	0.458	0.238		0.283	0.214	
Carbon-14		-0.0135	0.79	U	0.0341	0.597	U	0.152	0.793	U
Sodium-22		0.00663	0.0274	U	0.0172	0.0258	U	-0.0063	0.0454	U
Cobalt 60	840	-0.0479	0.0205	U	-0.00483	0.00904	U	0.00947	0.00835	U
Nickel-63		0.273	0.754	U	0.248	0.749	U	0.844	0.788	
Strontium-90	10	0.116	0.165	U J	0.0901	0.161	U J	-0.0326	0.133	U J
Cesium-137	15	0.024	0.0415	U	0.0971	0.0368		0.0308	0.0567	U
Europium-152	34	0.0954	0.187		0.0363	0.0651	U	0.292	0.0993	
Europium-154	120	0.026	0.0477	U	0.0763	0.076		0.202	0.0977	
Europium-155		-0.000469	0.139	U	0.0683	0.211	U	0.0337	0.101	U
Radium-226	3.3	0.0589	0.0425	U	0.341	0.108		0.436	0.123	
Uranium-234		0.239	0.141		0.353	0.162		0.189	0.0846	
Uranium-235	3.1	-0.00512	0.046	U	0.059	0.0737		-0.00819	0.0257	U
Uranium-238	3.1	0.275	0.135		0.434	0.176		0.129	0.0701	
Plutonium-238	38	0	0.00789	U	-0.00406	0.00796	U	0.0044	0.0328	U
Plutonium-239/240	23	0.0161	0.0316		0	0.00797	U	-0.0044	0.0202	U
Plutonium-241		-0.95	3.77	U J	-1.58	3.71	U J	0.639	1.41	U
Americium-241	22	-0.0646	0.154	U	0.0311	0.102	U	-0.0725	0.191	U
Lead (mg/kg)	400	13			12			10		
Mercury (μg/kg)	1840	13		J	28			25		

Sum of Ratios	0.10381556	0.278484758	0.180745684
Sum of Ratios w/Chemicals	0.143380777	0.323702149	0.21933264

SU 7D - Radiation Control Area

Nuclide	ALARA Cleanup Goal (pCi/g)	FSS-127-082421 (7DSS04 0-6")			FSS-128-082421 (7DSS04 6-12")			FSS-129-082421 (7DSS04 18-24")		
		Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier
Hydrogen-3		0.141	0.201	U	0.211	0.212		0.0304	0.187	U
Carbon-14		0.153	0.691	U	0.234	0.774	U	0.183	0.657	U
Sodium-22		-0.00396	0.0286	U	0.0103	0.0276	U	-0.0148	0.0445	U
Cobalt 60	840	0.00963	0.026	U	0.0213	0.0453	U	0	0.018	U
Nickel-63		-0.128	0.713	U	0.73	0.959	U	0.948	1.06	
Strontium-90	10	0.0572	0.173	U J	0.217	0.175	J	0.0271	0.147	U J
Cesium-137	15	0.0254	0.0588	U	0.0797	0.0301		0.0334	0.0622	U
Europium-152	34	0.0802	0.118		0.0494	0.103	U	0.0915	0.148	
Europium-154	120	0.0653	0.0762		0.0407	0.0712	U	0.1	0.0934	
Europium-155		0.0561	0.17	U	0.0542	0.109	U	-0.0929	0.316	U
Radium-226	3.3	0.289	0.0826		0.263	0.114		0.126	0.0674	
Uranium-234		0.132	0.0703		0.0973	0.0731		0.185	0.0893	
Uranium-235	3.1	0.0085	0.0229	U	0.00931	0.0251	U	0.0135	0.0266	
Uranium-238	3.1	0.164	0.0768		0.224	0.0956		0.283	0.111	
Plutonium-238	38	-0.0341	0.0375	U	0.00594	0.0359	U	0.0448	0.054	
Plutonium-239/240	23	-0.0131	0.0257	U	0.00892	0.024	U	0.00299	0.0255	U
Plutonium-241		-0.231	1.59	U	1.3	1.82		0.643	2.18	U
Americium-241	22	0.0478	0.102	U	-0.0585	0.167	U	0.0654	0.155	U
Lead (mg/kg)	400	11			11			11		
Mercury (µg/kg)	1840	11		J	17		J	13		J

Sum of Ratios	0.149101974	0.178968368	0.141240437
Sum of Ratios w/Chemicals	0.182580234	0.215707498	0.175805654

SU 7D - Radiation Control Area

Nuclide	ALARA Cleanup Goal (pCi/g)	FSS-153-082621 (7DSS05 0-6")			FSS-154-082621 (7DSS05 6-12")			FSS-155-082621 (7DSS05 18-24")		
		Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier
Hydrogen-3		-0.0329	0.227	U	-0.15	0.208	U	0.138	0.236	U
Carbon-14		0.61	0.664		0.501	0.788	U	0.577	0.526	
Sodium-22		-0.0504	0.0557	U	-0.00312	0.0317	U	0.0181	0.0146	
Cobalt 60	840	-0.0544	0.0884	U	-0.0355	0.0792	U	0.0343	0.0205	
Nickel-63		0.965	1.24	U	1.13	1.22		1.35	1.27	
Strontium-90	10	-0.0463	0.151	U	0.0308	0.135	U	0.124	0.149	
Cesium-137	15	0.0313	0.0534	U	0.146	0.046		0.0832	0.0327	
Europium-152	34	0.0619	0.146	U	0.0605	0.102	U	0.00143	0.00245	U
Europium-154	120	0.0522	0.0856		0.0741	0.136		0.0671	0.0686	
Europium-155		0.0795	0.288	U	-0.0964	0.334	U	0	0.0629	U
Radium-226	3.3	0.444	0.137		0.33	0.12		0.249	0.0853	
Uranium-234		0.194	0.082		0.255	0.0904		0.398	0.118	
Uranium-235	3.1	0.0311	0.0353		0.0167	0.0269		0.0122	0.0283	U
Uranium-238	3.1	0.239	0.0901		0.195	0.0784		0.292	0.0993	
Plutonium-238	38	0.0102	0.0297	U	0	0.0173	U	0.00202	0.0248	U
Plutonium-239/240	23	0.00613	0.0165	U	0.00593	0.016	U	0.00608	0.0164	U
Plutonium-241		-1.72	1.57	U	-1.11	1.52	U	-0.825	1.61	U
Americium-241	22	-0.0739	0.0605	U	0.0601	0.156	U	-0.0292	0.104	U
Lead (mg/kg)	400	5.6			6.1			7.9		
Mercury (μg/kg)	1840	64			87			49		

Sum of Ratios	0.222109487	0.178641156	0.188194761
Sum of Ratios w/Chemicals	0.270892095	0.241173765	0.234575195

SU 7D - Radiation Control Area

Nuclide	ALARA Cleanup Goal (pCi/g)	FSS-130-082421 (7DSS06 0-6")			FSS-131-082421 (7DSS06 6-12")			FSS-132-082421 (7DSS06 18-24")		
		Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier
Hydrogen-3		0.0522	0.194	U	-0.0496	0.215	U	0.0798	0.22	U
Carbon-14		-0.219	0.75	U	0.251	0.667	U	-0.308	0.653	U
Sodium-22		-0.0137	0.0322	U	0.0164	0.0331	U	-0.0295	0.0492	U
Cobalt 60	840	-0.0535	0.0844	U	-0.00297	0.0543	U	0.0131	0.0279	U
Nickel-63		1.5	1.04		0.276	0.875	U	1.11	0.856	
Strontium-90	10	0.05	0.121	U J	0.144	0.152	J	0.118	0.158	U J
Cesium-137	15	0	0.0138	U	0.0219	0.0446	U	0.0476	0.0294	
Europium-152	34	0.0537	0.0966	U	0.0652	0.0376	U	-0.00893	0.0159	U
Europium-154	120	-0.0326	0.0546	U	0.0378	0.074	U	0.082	0.0694	
Europium-155		-0.0726	0.235	U	0.0337	0.0958	U	-0.00455	0.0102	U
Radium-226	3.3	0.096	0.104		0.313	0.114		0.417	0.112	
Uranium-234		0.236	0.0976		0.226	0.0926		0.178	0.0864	
Uranium-235	3.1	0.0121	0.0237		0.00862	0.0232	U	0.0154	0.0357	U
Uranium-238	3.1	0.233	0.0951		0.313	0.108		0.17	0.0838	
Plutonium-238	38	0.034	0.0388		-0.00469	0.00651	U	-0.0024	0.0047	U
Plutonium-239/240	23	0.00243	0.0298	U	0.00469	0.0195	U	0	0.0047	U
Plutonium-241		0.875	1.48	U	-0.992	1.51	U	1.43	1.79	
Americium-241	22	-0.0566	0.124	U	0.0258	0.167	U	-0.0635	0.13	U
Lead (mg/kg)	400	6.8			7.2			6.7		
Mercury (μg/kg)	1840	280			890			890		

Sum of Ratios	0.114050162	0.210216227	0.196859013
Sum of Ratios w/Chemicals	0.283224075	0.711911879	0.697304665

SU 7D - Radiation Control Area

Nuclide	ALARA Cleanup Goal (pCi/g)	FSS-133-082421 (7DSS07 0-6")			FSS-134-082421 (7DSS07 6-12")			FSS-135-082421 (7DSS07 18-24")		
		Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier
Hydrogen-3		-0.111	0.199	U	0.18	0.224		-0.0734	0.201	U
Carbon-14		0.807	0.789		-0.195	0.749	U	0.119	0.607	U
Sodium-22		-0.0271	0.067	U	-0.0119	0.0428	U	0.0153	0.0421	U
Cobalt 60	840	0.0354	0.0212		-0.0231	0.0846	U	0.0295	0.0165	
Nickel-63		1.68	1.05		1.32	0.986		1.36	0.95	
Strontium-90	10	0.351	0.186	J	0.112	0.149	U J	-0.0667	0.128	U J
Cesium-137	15	0.00231	0.0582	U	0.0266	0.0471	U	-0.0204	0.0538	U
Europium-152	34	0.0997	0.196		0.15	0.0731		0.181	0.107	
Europium-154	120	0.0779	0.13		0.0484	0.0536	U	-0.00377	0.0528	U
Europium-155		0.0821	0.183	U	-0.0779	0.132	U	0.0294	0.083	U
Radium-226	3.3	0.64	0.149		0.355	0.123		0.218	0.0979	
Uranium-234		0.496	0.138		0.173	0.0805		0.284	0.151	
Uranium-235	3.1	0.00541	0.0225	U	0.00272	0.0233	U	0.0177	0.0476	U
Uranium-238	3.1	0.395	0.12		0.168	0.0782		0.335	0.165	
Plutonium-238	38	0.0211	0.0293		0.0205	0.0285		-0.0116	0.0242	U
Plutonium-239/240	23	-0.00212	0.00415	U	0	0.018	U	-0.00482	0.00945	U
Plutonium-241		0.041	1.67	U	-1.25	1.42	U	-0.365	4.07	U
Americium-241	22	-0.0878	0.211	U	-0.0749	0.182	U	-0.0491	0.134	U
Lead (mg/kg)	400	3.1			1.2			1.6		
Mercury (µg/kg)	1840	15		U	14		U	14		U

Sum of Ratios	0.360637674	0.177920544	0.172813771
Sum of Ratios w/Chemicals	0.368387674	0.180920544	0.176813771

SU 7D - Radiation Control Area

Nuclide	ALARA Cleanup Goal (pCi/g)	FSS-142-082421 (7DSS08 0-6")			FSS-143-082421 (7DSS08 6-12")			FSS-144-082421 (7DSS08 18-24")		
		Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier
Hydrogen-3		0.0798	0.225	U	-0.0286	0.203	U	0.0278	0.219	U
Carbon-14		0.894	0.688		0.219	0.58	U	0.257	0.752	U
Sodium-22		0.00834	0.0308	U	0.0354	0.0234		-0.0158	0.0479	U
Cobalt 60	840	-0.0108	0.0514	U	0.0263	0.0466		-0.0377	0.0637	U
Nickel-63		0.89	0.967		-0.0142	1.01	U	1.13	0.944	
Strontium-90	10	-0.193	0.161	U	0.0884	0.163	U	0.137	0.188	U
Cesium-137	15	0.0949	0.03		0.147	0.061		0.0281	0.0458	U
Europium-152	34	0.149	0.146	U	0.0454	0.128	U	0.0352	0.0452	U
Europium-154	120	0.104	0.046		0.0734	0.0549		0.0612	0.075	
Europium-155		-0.00441	0.00965	U	-0.0733	0.115	U	0.0392	0.0975	U
Radium-226	3.3	0.329	0.0969		0.377	0.0986		0.353	0.112	
Uranium-234		0.316	0.106		0.242	0.0947		0.358	0.108	
Uranium-235	3.1	0.0252	0.035		0.00785	0.0211	U	0.017	0.0274	
Uranium-238	3.1	0.235	0.0911		0.279	0.0989		0.396	0.115	
Plutonium-238	38	0.00579	0.0156	U	-0.0219	0.0218	U	-0.0045	0.00624	U
Plutonium-239/240	23	0	0.00379	U	-0.0199	0.0276	U	-0.0045	0.00625	U
Plutonium-241		-0.505	1.56	U	-1.02	1.54	U	-0.89	1.75	U
Americium-241	22	-0.0686	0.15	U	-0.0573	0.15	U	-0.0587	0.132	U
Lead (mg/kg)	400	8.1			8.7			5.2		
Mercury (µg/kg)	1840	53			42			29		

Sum of Ratios	0.190825787	0.2146854	0.240705503
Sum of Ratios w/Chemicals	0.239880135	0.259261487	0.269466373

SU 7D - Radiation Control Area

Nuclide	ALARA Cleanup Goal (pCi/g)	FSS-139-082421 (7DSS09 0-6")			FSS-140-082421 (7DSS09 6-12")			FSS-141-082421 (7DSS09 18-24")		
		Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier
Hydrogen-3		-0.0413	0.206	U	-0.0298	0.219	U	-0.0452	0.205	U
Carbon-14		0	0.726	U	0.0632	0.733	U	0.286	0.756	U
Sodium-22		0.0294	0.0383		0.0135	0.0242	U	-0.0219	0.0393	U
Cobalt 60	840	-0.00336	0.00777	U	-0.0471	0.0747	U	0.0279	0.0209	
Nickel-63		1.21	0.913		2.46	1.28		1.74	0.95	
Strontium-90	10	0.0555	0.158	U J	0.0734	0.173	U J	0.0615	0.157	U J
Cesium-137	15	0.0349	0.0609	U	0.0293	0.0464	U	0.00343	0.0454	U
Europium-152	34	0.0974	0.163		0.0776	0.163	U	0.0111	0.0227	U
Europium-154	120	0.0615	0.108		0.0102	0.0479	U	0.0421	0.0881	U
Europium-155		-0.093	0.325	U	0.0553	0.103	U	0.0607	0.187	U
Radium-226	3.3	0.432	0.133		0.252	0.0927		0.293	0.0939	
Uranium-234		0.191	0.0856		0.215	0.0903		0.143	0.0737	
Uranium-235	3.1	0.0304	0.038		0.0481	0.05		0.00808	0.0218	U
Uranium-238	3.1	0.264	0.0996		0.25	0.091		0.27	0.0987	
Plutonium-238	38	0.00411	0.0307	U	-0.0175	0.0317	U	0.0141	0.0339	U
Plutonium-239/240	23	0.00411	0.0248	U	-0.0175	0.0115	U	-0.00235	0.00462	U
Plutonium-241		0.27	1.54	U	-0.109	1.37	U	-0.124	1.57	U
Americium-241	22	-0.0802	0.174	U	0.00865	0.111	U	0.0244	0.141	U
Lead (mg/kg)	400	6.9			6.5			5.8		
Mercury (µg/kg)	1840	15		J	16		U	16		U

Sum of Ratios	0.234804039	0.179864927	0.182067867
Sum of Ratios w/Chemicals	0.260206213	0.196114927	0.196567867

SU 7D - Radiation Control Area

Nuclide	ALARA Cleanup Goal (pCi/g)	FSS-136-082521 (7DSS10 0-6")			FSS-137-082521 (7DSS10 6-12")			FSS-138-082521 (7DSS10 18-24")		
		Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier
Hydrogen-3		0.158	0.189		0.205	0.191		0.201	0.187	
Carbon-14		-0.0501	0.885	U	0.203	0.736	U	-0.0365	0.657	U
Sodium-22		-0.00846	0.0355	U	0	0.00946	U	0.0243	0.034	
Cobalt 60	840	0.0413	0.0247		0.0143	0.011	U	-0.00876	0.0191	U
Nickel-63		1.97	1.49		2.89	1.76		2.24	1.61	
Strontium-90	10	0.266	0.183		0.265	0.201		0.272	0.196	
Cesium-137	15	0.101	0.0451		0.0291	0.0611	U	-0.000509	0.0634	U
Europium-152	34	0.234	0.0772	B	0.0779	0.141	B	0.065	0.128	B,U
Europium-154	120	0.0441	0.0628	U	0.0283	0.0424	U	0.0485	0.103	U
Europium-155		-0.00288	0.007	U	0.0313	0.0973	U	-0.0714	0.127	U
Radium-226	3.3	0.0597	0.0651	U	0.241	0.111		0.288	0.113	
Uranium-234		0.242	0.0927		0.278	0.0986		0.194	0.084	
Uranium-235	3.1	0.0319	0.0362		0.0182	0.0294		0.00244	0.0208	U
Uranium-238	3.1	0.186	0.08	B	0.33	0.107	B	0.299	0.101	B
Plutonium-238	38	0	0.00421	U	0.00636	0.0171	U	0.0137	0.022	
Plutonium-239/240	23	0	0.00421	U	0	0.00416	U	-0.00586	0.00665	U
Plutonium-241		-0.411	1.75	U	-1.61	1.77	U	-0.624	1.64	U
Americium-241	22	-0.044	0.13	U	-0.0479	0.15	U	0.0594	0.153	U
Lead (mg/kg)	400	3.8			3.7			3.3		
Mercury (μg/kg)	1840	15		U	16		U	15		U

Sum of Ratios	0.110555176	0.21414406	0.211284866
Sum of Ratios w/Chemicals	0.120055176	0.22339406	0.219534866

SU 7D - Radiation Control Area

Nuclide	ALARA Cleanup Goal (pCi/g)	FSS-088-082521 (7DSS11 0-6")			FSS-089-082521 (7DSS11 6-12")			FSS-090-082521 (7DSS11 18-24")		
		Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier
Hydrogen-3		0.253	0.197		0.233	0.197		0.26	0.2	
Carbon-14		0.0445	0.595	U	0.0959	0.909	U	0.167	0.921	U
Sodium-22		0.0344	0.0419		-0.0614	0.0668	U	-0.00603	0.0435	U
Cobalt 60	840	0	0.0203	U	0.02	0.021		0.0099	0.0336	U
Nickel-63		1.46	1.12		2.59	1.55		2.06	1.36	
Strontium-90	10	0.0643	0.154	U	0.285	0.163		0.0729	0.126	U
Cesium-137	15	0.149	0.0479		-0.0323	0.0548	U	-0.0419	0.0706	U
Europium-152	34	0.0744	0.0832	B,U	0.0699	0.139	B	0.207	0.0935	B
Europium-154	120	0.0334	0.0801	U	0.0407	0.0716	U	0.0386	0.0909	U
Europium-155		-0.0883	0.357	U	0	0.0679	U	0.0579	0.179	U
Radium-226	3.3	0.371	0.127		0.0765	0.0739	U	0.337	0.124	
Uranium-234		0.383	0.113		0.188	0.0762		0.135	0.108	
Uranium-235	3.1	0.0352	0.0372		0.0071	0.0191	U	0.0258	0.0531	U
Uranium-238	3.1	0.356	0.107		0.15	0.0697		0.203	0.0887	
Plutonium-238	38	0.021	0.0312		0.00567	0.00982	U	0.0121	0.0339	U
Plutonium-239/240	23	0.00957	0.0222	U	0.00757	0.00911		-0.00603	0.00685	U
Plutonium-241		-0.95	1.4	U	-0.642	1.41	U	-0.519	1.69	U
Americium-241	22	-0.0247	0.181	U	-0.0309	0.122	U	0.0386	0.0909	U
Lead (mg/kg)	400	42			2.9			1.6		
Mercury (μg/kg)	1840	49			15		U	15		U

Sum of Ratios	0.249103756	0.079295919	0.173693318
Sum of Ratios w/Chemicals	0.380734191	0.086545919	0.177693318

SU 7D - Radiation Control Area

Nuclide	ALARA Cleanup Goal (pCi/g)	FSS-145-082521 (7DSS12 0-6")			FSS-146-082521 (7DSS12 6-12")			FSS-147-082521 (7DSS12 18-24")		
		Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier
Hydrogen-3		0.173	0.186		0.161	0.193		0.215	0.2	
Carbon-14		-0.428	0.775	U	-0.157	0.841	U	0.468	0.932	U
Sodium-22		0.0482	0.0288		0.0132	0.0377	U	-0.00443	0.0319	U
Cobalt 60	840	-0.0135	0.0497	U	-0.0595	0.0962	U	0.0112	0.0261	U
Nickel-63		1.86	1.57		0.845	0.95		2.14	1.37	
Strontium-90	10	0.48	0.211		0.223	0.18		-0.102	0.145	U
Cesium-137	15	0.537	0.101		0.208	0.0614		0.152	0.0473	
Europium-152	34	0.0551	0.0893	B,U	0.163	0.0875	B	0.0637	0.114	B
Europium-154	120	0.06	0.0922		-0.0383	0.0691	U	0.0749	0.04	
Europium-155		0.0135	0.0325	U	0	0.0936	U	-0.0513	0.225	U
Radium-226	3.3	0.368	0.117		0.348	0.101		0.22	0.0856	
Uranium-234		0.26	0.0944		0.251	0.0926		0.208	0.0933	
Uranium-235	3.1	0.0582	0.0491		0.00744	0.02	U	-0.00276	0.0248	U
Uranium-238	3.1	0.258	0.0942	B	0.157	0.0731	B	0.166	0.0769	B
Plutonium-238	38	-0.00628	0.00713	U	-0.00195	0.00383	U	0.0158	0.0279	
Plutonium-239/240	23	0.00419	0.0174	U	-0.00195	0.00383	U	0.00592	0.016	U
Plutonium-241		0.404	1.66	U	0.389	1.74	U	-0.272	1.62	U
Americium-241	22	0.068	0.152	U	0.0603	0.129	U	-0.0293	0.109	U
Lead (mg/kg)	400	12			8.6			5.4		
Mercury (μg/kg)	1840	47			56			69		

Sum of Ratios	0.297815152	0.197060491	0.133261873
Sum of Ratios w/Chemicals	0.35335863	0.248995274	0.184261873

SU 7D - Radiation Control Area

Nuclide	ALARA Cleanup Goal (pCi/g)	FSS-148-082521 (7DSS13 0-6")			FSS-149-082521 (7DSS13 6-12")			FSS-150-082521 (7DSS13 18-24")		
		Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier
Hydrogen-3		0.111	0.178	U	0.236	0.195		0.115	0.183	U
Carbon-14		0.201	0.783	U	-0.202	0.82	U	-0.102	0.87	U
Sodium-22		-0.0327	0.0493	U	-0.0468	0.061	U	0.0242	0.0297	
Cobalt 60	840	0.00818	0.0398	U	0.0161	0.0557	U	-0.00115	0.00678	U
Nickel-63		1.57	1.38		2.08	1.3		1.53	1.37	
Strontium-90	10	0.0201	0.146	U	-0.0215	0.129	U	-0.171	0.149	U
Cesium-137	15	0.137	0.0431		-0.00105	0.0511	U	0.0258	0.0485	U
Europium-152	34	-0.0476	0.0852	B,U	-0.0209	0.109	B,U	-0.0424	0.0814	B,U
Europium-154	120	0.127	0.0548		0.0291	0.0485	U	0.0599	0.0877	
Europium-155		-6.29E-09	0.191	U	-0.0964	0.335	U	0.0683	0.137	U
Radium-226	3.3	0.261	0.0889		0.355	0.112		0.501	0.122	
Uranium-234		0.212	0.0871		0.383	0.117		0.278	0.0965	
Uranium-235	3.1	0.0558	0.0494		0.00769	0.0207	U	0.017	0.0274	
Uranium-238	3.1	0.313	0.103		0.343	0.11		0.226	0.0862	
Plutonium-238	38	0.0313	0.0392		0.011	0.0209		0.0135	0.0274	U
Plutonium-239/240	23	0.00588	0.0158	U	0.00548	0.0148	U	0.0154	0.0214	
Plutonium-241		-1.51	1.29	U	-0.622	1.37	U	-0.829	1.49	U
Americium-241	22	-0.0572	0.125	U	0.0145	0.135	U	0.0373	0.122	U
Lead (mg/kg)	400	9.2			5.5			6.5		
Mercury (μg/kg)	1840	68			33			86		

Sum of Ratios	0.209074002	0.218510393	0.23137401
Sum of Ratios w/Chemicals	0.269030524	0.250195175	0.294363141

SU 7D - Radiation Control Area

Nuclide	ALARA Cleanup Goal (pCi/g)	FSS-151-082521 (7DSS14 0-6")			FSS-152-082521 (7DSS14 6-12")			FSS-009-081121 (7DSS15 Asphalt)		
		Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier
Hydrogen-3		0.161	0.185		0.0992	0.176	U	0.0938	0.232	U
Carbon-14		0.365	0.929	U	-0.384	0.616	U	0.187	0.74	U
Sodium-22		-0.0065	0.0382	U	0.0252	0.0204		0.0335	0.0234	
Cobalt 60	840	0.0236	0.0176		-0.0488	0.0377	U	0	0.0085	U
Nickel-63		1.83	1.31		2.79	1.62		0.0723	0.903	U
Strontium-90	10	0.365	0.207		0.0976	0.154	U	0.174	0.215	
Cesium-137	15	0.45	0.0815		0.537	0.0958		0.00344	0.0602	U
Europium-152	34	0.0467	0.0434	B,U	0.138	0.1	B	0.159	0.0984	
Europium-154	120	0.0488	0.0834	U	0.0578	0.0932		0.0197	0.0287	B,U
Europium-155		0	0.0754	U	0	0.0801	U	0.0715	0.254	U
Radium-226	3.3	0.367	0.0861		0.296	0.1		0.373	0.118	
Uranium-234		0.309	0.104		0.284	0.1		0.148	0.0698	
Uranium-235	3.1	0.0105	0.0207		0.0454	0.045		0.0165	0.0266	
Uranium-238	3.1	0.312	0.104		0.283	0.1		0.053	0.0429	
Plutonium-238	38	-0.0286	0.0315	U	0.00397	0.024	U	-0.00195	0.0176	U
Plutonium-239/240	23	0.0066	0.0326	U	0.0377	0.0352		-0.00587	0.00666	U
Plutonium-241		-0.943	1.41	U	-0.518	1.16	U	-0.0957	1.11	U
Americium-241	22	0.0371	0.119	U	-0.0449	0.133	U	0.0489	0.104	U
Lead (mg/kg)	400	9.7			8.4			2.7		
Mercury (μg/kg)	1840	46			37			16		U

Sum of Ratios	0.281772475	0.237612074	0.157526128
Sum of Ratios w/Chemicals	0.331022475	0.27872077	0.164276128

SU 7D - Radiation Control Area

Nuclide	ALARA Cleanup Goal (pCi/g)	FSS-010-081121 (7DSS15 0-6")			FSS-011-081121 (7DSS15 6-12")			FSS-012-081121 (7DSS15 18-24")		
		Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier
Hydrogen-3		0.146	0.242	U	-0.0852	0.218	U	0.0376	0.228	U
Carbon-14		-0.0944	0.852	U	0.279	0.918	U	0.405	0.856	U
Sodium-22		0	0.0104	U	-0.0386	0.0515	U	-0.0116	0.0481	U
Cobalt 60	840	0.0123	0.0395	U	0.0277	0.0459	U	-0.000303	0.000473	U
Nickel-63		0.163	0.96	U	-0.0332	0.853	U	-0.0926	1.08	U
Strontium-90	10	0.0605	0.191	B,U	0.218	0.198		0.0588	0.186	U
Cesium-137	15	0.000928	0.0576	U	-0.0134	0.0794	U	0.0315	0.0649	U
Europium-152	34	0.231	0.118	B	0.137	0.271	B,U	0.0604	0.107	B,U
Europium-154	120	0.0479	0.0602	U	0.0751	0.121		0.0153	0.0264	U
Europium-155		0.0919	0.269	U	-0.000927	0.0851	U	0	0.111	U
Radium-226	3.3	0.581	0.157		0.843	0.165		0.744	0.15	
Uranium-234										
Uranium-235	3.1	0.0236	0.0328		0	0.00583	B,U	0.0418	0.0476	B
Uranium-238	3.1	0.421	0.129		0.327	0.114	B	0.684	0.169	B
Plutonium-238	38	-0.00238	0.00466	U	-0.00729	0.00828	U	0.00699	0.0188	U
Plutonium-239/240	23	0	0.00466	U	-0.00487	0.00676	U	-0.00233	0.00458	U
Plutonium-241		0.184	1.81	U	-1.86	1.62	U	-1.13	1.5	U
Americium-241	22	0.077	0.202	U	-0.0939	0.0728	U	-0.0891	0.185	U
Lead (mg/kg)	400	6.2			3.6			4.3		
Mercury (μg/kg)	1840	6.7		J	15		U	16		U

Sum of Ratios	0.326274079	0.38336425	0.459583578
Sum of Ratios w/Chemicals	0.345415383	0.39236425	0.470333578

SU 7D - Radiation Control Area

Nuclide	ALARA Cleanup Goal (pCi/g)	FSS-013-081121 (7DSS16 Asphalt)			FSS-014-081121 (7DSS16 0-6")			FSS-015-081121 (7DSS16 6-12")		
		Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier
Hydrogen-3		0.0547	0.225	U	0.211	0.246		-0.0524	0.216	U
Carbon-14		0.392	0.855	U	-0.0466	0.766	U	0.553	0.898	U
Sodium-22		0.00543	0.0284	U	-0.0658	0.075	U	0	0.0139	U
Cobalt 60	840	0.00377	0.0105	U	0.0253	0.0152		0.0257	0.0192	
Nickel-63		0.404	0.787	U	0.463	0.867	U	-0.0979	0.945	U
Strontium-90	10	0.0888	0.204	U	0.138	0.206	U	0.101	0.175	U
Cesium-137	15	0.15	0.0473		-0.000289	0.0624	U	-0.00473	0.0415	U
Europium-152	34	0.00949	0.0266	U	0.143	0.196	B,U	0.0414	0.0553	B,U
Europium-154	120	0.0664	0.047	B	0.119	0.0636		0.0764	0.0535	
Europium-155		-0.000494	0.00122	U	-0.0249	0.167	U	0.0424	0.108	U
Radium-226	3.3	0.355	0.103		0.34	0.126		0.281	0.0954	
Uranium-234		0.597	0.154							
Uranium-235	3.1	0.0576	0.0507		-0.00281	0.00552	J,U	-0.00257	0.00505	U
Uranium-238	3.1	0.573	0.15		0.142	0.0745	J	0.147	0.0721	
Plutonium-238	38	-0.00219	0.0043	U	-0.00946	0.0093	U	0.00433	0.018	U
Plutonium-239/240	23	-0.00219	0.0043	U	-0.00237	0.00464	U	0.0065	0.0258	U
Plutonium-241		-0.167	1.32	U	-1.19	1.49	U	-0.971	1.46	U
Americium-241	22	-0.0499	0.125	U	-0.0588	0.18	U	-0.0265	0.114	U
Lead (mg/kg)	400	3.4			2.6			1.5		
Mercury (μg/kg)	1840	10		J	14		U	14		U

Sum of Ratios	0.321548446	0.14985854	0.133238132
Sum of Ratios w/Chemicals	0.335483228	0.15635854	0.136988132

SU 7D - Radiation Control Area

Nuclide	ALARA Cleanup Goal (pCi/g)	FSS-016-081121 (7DSS16 18-24")			FSS-159-082621 (7DSB01 0-6")			FSS-160-082621 (7DSB01 6-12")		
		Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier
Hydrogen-3		0.204	0.242		-0.111	0.211	U	-0.13	0.205	U
Carbon-14		0.587	0.859	U	0.938	0.73		0.478	0.643	U
Sodium-22		-0.0461	0.0545	U	0.0321	0.0224		0.0249	0.0325	
Cobalt 60	840	0	0.0181	U	0.0475	0.0293		-0.0226	0.0612	U
Nickel-63		0.0726	1.03	U	0.836	1.53	U	1.12	1.37	
Strontium-90	10	0.082	0.177	U	0.13	0.165		0.083	0.18	U
Cesium-137	15	-0.0183	0.0591	U	0.0402	0.0708	U	0.413	0.0789	
Europium-152	34	-0.0522	0.093	B,U	0.0802	0.135		0.0755	0.16	B
Europium-154	120	0.0507	0.089		0.0526	0.0383		0.136	0.0585	
Europium-155		0.0257	0.139	U	0.052	0.111	U	-0.0738	0.206	U
Radium-226	3.3	0.245	0.0936		0.335	0.111		0.417	0.125	
Uranium-234					0.241	0.0931		0.406	0.12	
Uranium-235	3.1	0	0.00552	U	-0.00544	0.00756	U	0.0182	0.0294	
Uranium-238	3.1	0.108	0.0619		0.249	0.0946		0.368	0.114	
Plutonium-238	38	-0.00478	0.0303	U	0.0136	0.022		-0.0239	0.0222	U
Plutonium-239/240	23	-0.00717	0.00814	U	-0.0039	0.00542	U	-0.024	0.0137	U
Plutonium-241		-1.85	1.53	U	0	1.41	U	-0.31	1.47	U
Americium-241	22	0.026	0.122	U	0.047	0.127	U	-0.0631	0.142	U
Lead (mg/kg)	400	0.96			26			19		
Mercury (μg/kg)	1840	14		U	74			54		

Sum of Ratios	0.109503634	0.198049331	0.281831536
Sum of Ratios w/Chemicals	0.111903634	0.303266723	0.358679363

SU 7D - Radiation Control Area

Nuclide	ALARA Cleanup Goal (pCi/g)	FSS-161-082621 (7DSB01 18-24")			FSS-178-090221 (7DSB02 0-6")			FSS-179-090221 (7DSB02 6-12")		
		Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier
Hydrogen-3		-0.16	0.212	U	-0.0059	0.236	U	-0.195	0.212	U
Carbon-14		0.502	0.707	U	0.686	0.826		0.896	0.946	
Sodium-22		-0.0143	0.0381	U	0.0271	0.0407	U	0.029	0.0203	
Cobalt 60	840	-0.012	0.0879	U	0.0123	0.0596	U	0.00684	0.0297	U
Nickel-63		0.952	1.21	U	0.762	0.947	B,U	0.17	0.859	B,U
Strontium-90	10	0.341	0.276		0.283	0.254		0.305	0.19	
Cesium-137	15	0.0326	0.0637	U	0.291	0.0869		0.141	0.0549	
Europium-152	34	0.111	0.209	J,U	0.0858	0.16	U	0.151	0.164	
Europium-154	120	0.0174	0.0304	U	0.108	0.137		0.0536	0.13	
Europium-155		0.0336	0.101	U	-0.124	0.411	U	-0.0966	0.407	U
Radium-226	3.3	0.695	0.155		0.59	0.178		0.582	0.136	
Uranium-234		0.412	0.121		0.37	0.132		0.474	0.141	
Uranium-235	3.1	0.0077	0.0207	U	0.0286	0.0445		0.0336	0.042	
Uranium-238	3.1	0.393	0.116		0.548	0.154		0.485	0.142	
Plutonium-238	38	0.0262	0.0298		0.0136	0.0394	U	0	0.0227	U
Plutonium-239/240	23	0.0131	0.0211		-0.00271	0.00532	U	0.0389	0.0411	
Plutonium-241		-0.907	1.36	U	-1.01	1.92	U	-1.06	1.8	U
Americium-241	22	-0.0744	0.195	U	-0.0941	0.223	U	-0.0252	0.155	U
Lead (mg/kg)	400	9.5			18			12		
Mercury (μg/kg)	1840	41			51			53		

Sum of Ratios	0.372739293	0.413387879	0.390133106
Sum of Ratios w/Chemicals	0.418771902	0.48610527	0.448937454

SU 7D - Radiation Control Area

Nuclide	ALARA Cleanup Goal (pCi/g)	FSS-180-090221 (7DSB02 18-24")			FSS-121-082421 (7DSB03 0-6")			FSS-122-082421 (7DSB03 6-12")		
		Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier
Hydrogen-3		-0.0694	0.234	U	-0.0101	0.174	U	0.00963	0.182	U
Carbon-14		0.382	0.669	U	-0.42	0.667	U	-0.0135	0.838	U
Sodium-22		0.0103	0.0276	U	-0.0494	0.0538	U	0	0.0129	U
Cobalt 60	840	-0.00655	0.0458	U	0.0334	0.021		-0.0305	0.0782	U
Nickel-63		0.853	0.949	B	0	0.794	U	1.05	0.891	
Strontium-90	10	0.429	0.226		-0.175	0.137	U	-0.0582	0.168	U
Cesium-137	15	-0.0354	0.0574	U	0.0012	0.0301	U	-0.0495	0.0767	U
Europium-152	34	0.0554	0.147	U	0.0384	0.0963	U	0.0474	0.0676	U
Europium-154	120	0.0727	0.0777		0.0342	0.07	U	0.0131	0.0167	U
Europium-155		0.00744	0.0827	U	0.0182	0.0676	U	0.022	0.0657	U
Radium-226	3.3	0.293	0.097		0.163	0.0743		0.404	0.149	
Uranium-234		0.252	0.102		0.197	0.0853		0.19	0.091	
Uranium-235	3.1	0.0254	0.0396		0.0221	0.0306		0.0189	0.0361	
Uranium-238	3.1	0.211	0.0912		0.325	0.109		0.172	0.0859	
Plutonium-238	38	-0.00759	0.0238	U	0.0154	0.0247		-0.0258	0.024	U
Plutonium-239/240	23	0.0076	0.0205	U	-0.00439	0.0061	U	-0.0259	0.0148	U
Plutonium-241		-0.716	1.78	U	0.383	1.42	U	0.897	1.41	U
Americium-241	22	-0.0195	0.137	U	-0.053	0.118	U	0.0158	0.138	U
Lead (mg/kg)	400	5.5			3.5			2.9		
Mercury (μg/kg)	1840	11		J	16		U	15		U

Sum of Ratios	0.208551777	0.161806706	0.184004888
Sum of Ratios w/Chemicals	0.228280038	0.170556706	0.191254888

SU 7D - Radiation Control Area

Nuclide	ALARA Cleanup Goal (pCi/g)	FSS-123-082421 (7DSB03 18-24")			FSS-001-081121 (7DSB04 Asphalt)			FSS-002-081121 (7DSB04 0-6")		
		Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier
Hydrogen-3		0.211	0.201		0.127	0.237	U	0.193	0.242	
Carbon-14		-0.0375	0.505	U	0.467	0.836	U	0.491	0.861	U
Sodium-22		-0.046	0.0508	U	0.00974	0.0434	U	0.0217	0.0358	U
Cobalt 60	840	-0.0116	0.0554	U	0.00362	0.0023	U	0.0337	0.0252	
Nickel-63		0.214	0.792	U	0.563	0.887	U	0.404	0.869	U
Strontium-90	10	-0.0771	0.167	U	0.0667	0.158	U	0.117	0.165	U
Cesium-137	15	-0.0174	0.0395	U	-0.00571	0.0747	U	-0.0163	0.055	U
Europium-152	34	0.0773	0.141		0.164	0.0677		0.0466	0.07	B,U
Europium-154	120	0.0528	0.0661		0.0469	0.0981	B	0.0117	0.0749	U
Europium-155		0.0702	0.227	U	0.099	0.348	U	-0.0939	0.22	U
Radium-226	3.3	0.348	0.0946		0.0698	0.246	U	0.336	0.101	
Uranium-234		0.178	0.133		0.127	0.0722				
Uranium-235	3.1	-0.00652	0.0128	U	-0.0127	0.0112	U	-0.00468	0.00917	U
Uranium-238	3.1	0.141	0.119		0.104	0.0584		0.113	0.0905	
Plutonium-238	38	-0.0105	0.0145	U	-0.0125	0.0208	U	-0.0072	0.00999	U
Plutonium-239/240	23	0.0315	0.06		0.00417	0.0252	U	0.00721	0.03	U
Plutonium-241		-3.61	4.45	U J	-0.284	1.11	U	-1.8	2.21	U
Americium-241	22	0.0492	0.108	U	0.072	0.127	U	0.0589	0.147	U
Lead (mg/kg)	400	2.5			14		J1	3.9		
Mercury (µg/kg)	1840	14		U	15		U	16		U

Sum of Ratios	0.155021511	0.03876275	0.138309914
Sum of Ratios w/Chemicals	0.161271511	0.07376275	0.148059914

SU 7D - Radiation Control Area

Nuclide	ALARA Cleanup Goal (pCi/g)	FSS-003-081121 (7DSB04 6-12")			FSS-004-081121 (7DSB04 18-24")			FSS-005-081121 (7DSB05 Asphalt)		
		Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier
Hydrogen-3		0.0115	0.229	U	0.222	0.245		0.0802	0.235	U
Carbon-14		-0.289	0.856	U	0.296	0.907	U	0.986	0.941	
Sodium-22		0.00838	0.026	U	0.0103	0.042	U	-0.00182	0.0354	U
Cobalt 60	840	-0.0297	0.0735	U	0.00544	0.0255	U	-0.0507	0.106	U
Nickel-63		-0.321	0.825	U	-0.00647	0.873	U	-1.44	1.9	U
Strontium-90	10	-0.166	0.172	U	0.0553	0.177	U	0.0981	0.185	U
Cesium-137	15	-0.019	0.0564	U	0.0214	0.0442	U	-0.0204	0.0627	U
Europium-152	34	0.0499	0.114	B,U	0.0784	0.19	B,U	0.112	0.0818	U
Europium-154	120	0.0455	0.0708	U	0.0263	0.0677	U	0.0867	0.122	B
Europium-155		-0.00779	0.132	U	0.00198	0.00375	U	0.0663	0.103	U
Radium-226	3.3	0.359	0.108		0.382	0.115		0.287	0.12	
Uranium-234								0.135	0.0746	
Uranium-235	3.1	0.0205	0.0391		-0.00282	0.00553	U	-0.00289	0.00568	U
Uranium-238	3.1	0.255	0.108		0.165	0.0788		0.225	0.0932	
Plutonium-238	38	-0.0278	0.0174	U	-0.053	0.0231	U	0.00406	0.0245	U
Plutonium-239/240	23	-0.00557	0.0256	U	-0.0228	0.015	U	0.00609	0.0164	U
Plutonium-241		-2.09	1.49	U	-2.37	1.32	U	0.469	1.01	U
Americium-241	22	0.0511	0.113	U	0.0632	0.158	U	0.0676	0.169	U
Lead (mg/kg)	400	2.6			5.3			2.6		
Mercury (μg/kg)	1840	18		U	15		U	14		U

Sum of Ratios	0.197658847	0.168983382	0.160272842
Sum of Ratios w/Chemicals	0.204158847	0.182233382	0.166772842

SU 7D - Radiation Control Area

Nuclide	ALARA Cleanup Goal (pCi/g)	FSS-006-081121 (7DSB05 0-6")			FSS-007-081121 (7DSB05 6-12")			FSS-008-081121 (7DSB08 18-24")		
		Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier	Concentration (pCi/g)	Total Uncertainty (pCi/g)	Qualifier
Hydrogen-3		0.139	0.237	U	0.0976	0.24	U	-0.0474	0.22	U
Carbon-14		-0.438	0.516	U	0.635	0.829	U	0.245	0.823	U
Sodium-22		0.0237	0.0356	U	-0.0335	0.0479	U	0.00548	0.0318	U
Cobalt 60	840	0.0276	0.0223		0.0338	0.018		-0.0148	0.0545	U
Nickel-63		0.867	0.964		0.15	0.862	U	0.11	0.876	U
Strontium-90	10	-0.00484	0.238	U	0.0998	0.193	U	-0.0228	0.205	U
Cesium-137	15	-0.0209	0.0609	U	0.0179	0.0346	U	-0.0176	0.0508	U
Europium-152	34	0.0816	0.114	B	0.102	0.212	B,U	0.0687	0.11	B,U
Europium-154	120	0.066	0.125		0.0362	0.0362	U	0.0292	0.0588	U
Europium-155		0	0.0873	U	0.0649	0.223	U	-0.0315	0.202	U
Radium-226	3.3	0.282	0.0987		0.311	0.105		0.238	0.0821	
Uranium-234										
Uranium-235	3.1	0.0191	0.0389	U	0.00289	0.0354	U	-0.00673	0.00934	U
Uranium-238	3.1	0.155	0.0787		0.165	0.081		0.248	0.103	
Plutonium-238	38	0.00471	0.0285	U	-0.00292	0.0262	U	-0.00309	0.00607	U
Plutonium-239/240	23	-0.00236	0.00463	U	0.00292	0.025	U	-0.0031	0.00608	U
Plutonium-241		-1.44	1.21	U	-2.69	1.74	U	-1.34	1.99	U
Americium-241	22	-0.0408	0.142	U	-0.0402	0.0752	U	-0.0549	0.124	U
Lead (mg/kg)	400	3.2			3.9			2.9		
Mercury (μg/kg)	1840	14		U	17		U	16		U

Sum of Ratios	0.138437403	0.147508469	0.152121212
Sum of Ratios w/Chemicals	0.146437403	0.157258469	0.159371212

APPENDIX D

Field Alpha and Beta Radiation Measurement Results

ALPHA-BETA
REFERENCE AREA BACKGROUND DATA

Meter/Probe ID	M2
Meter/Probe SN	2360 SN275772/ 43-37 PR216988
Active Area (cm^2)	584
Count Time (sec)	60

Measurement Sequence #	**Concrete**		**Material 2**		**Material 3**		**Material 4**		**Vinyl Material 5**		**Material 6**	
	Alpha Ct.	**Beta Ct.**	**Alpha Ct.**	**Beta Ct.**	**Alpha Ct.**	**Beta Ct.**	**Alpha Ct.**	**Beta Ct.**	**Alpha Ct.**	**Beta Ct.**	**Alpha Ct.**	**Beta Ct.**
1	9	1334										
2	12	971										
3	5	995										
4	6	904										
5	8	964										
6	11	897										
7	14	1096										
8	8	1157										
9	7	1122										
10	9	1010										
11	5	1047										
12	8	966										
13	5	998										
14	8	928										
15	6	913										
16	5	1019										
17	15	1040										
18	18	917										
19	13	956										
20	5	936										
Summary Statistics (in counts per minute [cpm])												
# of Measurements	20	20	0	0	0	0	0	0	0	0	0	0
Minimum	5	897	0	0	0	0	0	0	0	0	0	0
Maximum	18	1334	0	0	0	0	0	0	0	0	0	0
Mean	8.9	1008.5	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Median	8.0	983.0	#NUM!	#NUM!	#NUM!	#NUM!	#NUM!	#NUM!	#NUM!	#NUM!	#NUM!	#NUM!
Stand. Dev.	3.8	105.6	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

ALPHA-BETA
REFERENCE AREA BACKGROUND DATA

Meter/Probe ID	M4
Meter/Probe SN	2360 SN184954/ 43-93 PR199838
Active Area (cm^2)	100
Count Time (sec)	60

Measurement Sequence #	**Concrete**		**Material 2**		**Material 3**		**Material 4**		**Vinyl Material 5**		**Material 6**	
	Alpha Ct.	**Beta Ct.**	**Alpha Ct.**	**Beta Ct.**	**Alpha Ct.**	**Beta Ct.**	**Alpha Ct.**	**Beta Ct.**	**Alpha Ct.**	**Beta Ct.**	**Alpha Ct.**	**Beta Ct.**
1	4	264										
2	2	278										
3	3	294										
4	2	274										
5	2	281										
6	3	269										
7	2	272										
8	3	273										
9	2	280										
10	3	275										
11	4	285										
12	2	271										
13	0	302										
14	2	284										
15	1	276										
16	2	285										
17												
18												
19												
20												
Summary Statistics (in counts per minute [cpm])												
# of Measurements	16	16	0	0	0	0	0	0	0	0	0	0
Minimum	0	264	0	0	0	0	0	0	0	0	0	0
Maximum	4	302	0	0	0	0	0	0	0	0	0	0
Mean	2.3	278.9	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Median	2.0	277.0	#NUM!	#NUM!	#NUM!	#NUM!	#NUM!	#NUM!	#NUM!	#NUM!	#NUM!	#NUM!
Stand. Dev.	1.0	9.6	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

ALPHA-BETA
REFERENCE AREA BACKGROUND DATA

Meter/Probe ID	M1
Meter/Probe SN	2929 SN271413/43-10-1 PR291575
Active Area (cm^2)	100
Count Time (sec)	600

Measurement Sequence #	Smear		Material 2		Material 3		Material 4		Material 5	
	Alpha Ct.	Beta Ct.	Alpha Ct.	Beta Ct.	Alpha Ct.	Beta Ct.	Alpha Ct.	Beta Ct.	Alpha Ct.	Beta Ct.
1	1	353								
2	1	391								
3	1	347								
4	0	375								
5	0	346								
6	2	368								
7	0	376								
8	0	364								
9	1	365								
10	0	359								
11	1	345								
12	0	337								
13	1	326								
14	1	382								
15	0	376								
16	1	356								
17										
18										
19										
20										
Summary Statistics (in counts per minute [cpm])										
# of Measurements	16	16	0	0	0	0	0	0	0	0
Minimum	0	32.6	0	0	0	0	0	0	0	0
Maximum	0.2	39.1	0	0	0	0	0	0	0	0
Mean	0.1	36.0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Median	0.1	36.2	#NUM!	#NUM!	#NUM!	#NUM!	#NUM!	#NUM!	#NUM!	#NUM!
Stand. Dev.	0.1	1.8	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Summary Statistics (in disintegrations per minute per 100 square centimeters [dpm/100 cm2])										
# of Measurements	16	16	0	0	0	0	0	0	0	0
Minimum	0.0	207.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Maximum	1.2	248.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mean	0.4	228.8	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Median	0.6	229.5	#NUM!	#NUM!	#NUM!	#NUM!	#NUM!	#NUM!	#NUM!	#NUM!
Stand. Dev.	0.4	11.1	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

BROOKHAVEN NATIONAL LABORATORY - STACK REMOVAL

SURVEY UNIT 7A - PEDESTAL STATIC MEASUREMENTS

SU	Survey Type	Room	Meas. Type	Meter	Surface/ Apron	Grid No.	Date	Material/ Surface	Instrument/ Serial Numbers	Reference Alpha Counts	Reference Beta Counts	Reference Count Time (seconds)	Survey Alpha Counts	Survey Beta Counts	Survey Count Time (seconds)	Detector Active Area (cm^2)	Alpha Efficiency	Beta Efficiency	Alpha (dpm/ 100 cm^2)	Beta (dpm/ 100 cm^2)	Alpha Critical Value (counts)	Beta Critical Value (counts)	Alpha Release Criteria (dpm/ 100 cm^2)	Beta Release Criteria (dpm/ 100 cm^2)
7A	Systematic	Pedestal	Static	M2	Apron	A6	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	5	798	60	584	0.052	0.215	-12.6	-167.4	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Apron	A7	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	4	854	60	584	0.052	0.215	-15.8	-122.9	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Apron	A8	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	8	834	60	584	0.052	0.215	-2.8	-138.8	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Apron	A9	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	7	861	60	584	0.052	0.215	-6.0	-117.3	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Apron	A10	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	8	827	60	584	0.052	0.215	-2.8	-144.4	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Apron	A11	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	7	808	60	584	0.052	0.215	-6.0	-159.5	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Apron	B5	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	5	380	60	584	0.052	0.215	-12.6	-499.9	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	B6	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	9	1101	60	584	0.052	0.215	0.5	73.6	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	B7	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	14	1136	60	584	0.052	0.215	16.8	101.4	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	B8	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	16	1148	60	584	0.052	0.215	23.4	110.9	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	B9	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	8	1038	60	584	0.052	0.215	-2.8	23.5	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	B10	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	9	1136	60	584	0.052	0.215	0.5	101.4	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	B11	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	8	1161	60	584	0.052	0.215	-2.8	121.3	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Apron	B12	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	13	1162	60	584	0.052	0.215	13.6	122.1	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	C4	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	9	1091	60	584	0.052	0.215	0.5	65.6	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	C5	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	9	1091	60	584	0.052	0.215	0.5	65.6	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	C6	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	7	1093	60	584	0.052	0.215	-6.0	67.2	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	C7	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	9	1066	60	584	0.052	0.215	0.5	45.7	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	C8	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	15	1177	60	584	0.052	0.215	20.1	134.0	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	C9	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	9	1093	60	584	0.052	0.215	0.5	67.2	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	C10	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	14	1137	60	584	0.052	0.215	16.8	102.2	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	C11	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	8	1168	60	584	0.052	0.215	-2.8	126.9	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	C12	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	11	1094	60	584	0.052	0.215	7.0	68.0	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Apron	D3	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	5	861	60	584	0.052	0.215	-12.6	-117.3	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	D4	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	11	1199	60	584	0.052	0.215	7.0	151.5	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	D5	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	8	1088	60	584	0.052	0.215	-2.8	63.2	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	D6	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	8	1134	60	584	0.052	0.215	-2.8	99.8	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	D7	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	11	1118	60	584	0.052	0.215	7.0	87.1	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	D8	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	10	1097	60	584	0.052	0.215	3.8	70.4	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	D9	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	11	1106	60	584	0.052	0.215	7.0	77.5	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	D10	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	9	1149	60	584	0.052	0.215	0.5	111.7	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	D11	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	5	1103	60	584	0.052	0.215	-12.6	75.2	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	D12	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	12	1082	60	584	0.052	0.215	10.3	58.5	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	D13	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	12	1147	60	584	0.052	0.215	10.3	110.2	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	D14	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	8	1153	60	584	0.052	0.215	-2.8	114.9	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	E3	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	6	1106	60	584	0.052	0.215	-9.3	77.5	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	E4	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	7	1092	60	584	0.052	0.215	-6.0	66.4	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	E5	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	13	1152	60	584	0.052	0.215	13.6	114.1	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	E6	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	9	1103	60	584	0.052	0.215	0.5	75.2	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	E7	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	17	1089	60	584	0.052	0.215	26.6	64.0	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	E8	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	7	1174	60	584	0.052	0.215	-6.0	131.6	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	E9	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	9	1121	60	584	0.052	0.215	0.5	89.5	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	E10	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	9	1188	60	584	0.052	0.215	0.5	142.8	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	E11	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	10	1139	60	584	0.052	0.215	3.8	103.8	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	E12	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	8	1137	60	584	0.052	0.215	-2.8	102.2	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	E13	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	12	1206	60	584	0.052	0.215	10.3	157.1	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	E14	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	7	1187	60	584	0.052	0.215	-6.0	142.0	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Apron	E15	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	8	791	60	584	0.052	0.215	-2.8	-173.0	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Apron	E16	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	3	857	60	584	0.052	0.215	-19.1	-120.5	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	F3	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	12	1164	60	584	0.052	0.215	10.3	123.7	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	F4	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	5	1139	60	584	0.052	0.215	-12.6	103.8	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	F5	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	11	1096	60	584	0.052	0.215	7.0	69.6	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	F6	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	8	1125	60	584	0.052	0.215	-2.8	92.7	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	F7	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	7	1027	60	584	0.052	0.215	-6.0	14.7	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	F8	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	13	949	60	584	0.052	0.215	13.6	-47.3	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	F9	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	5	1118	60	584	0.052	0.215	-12.6	87.1	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	F10	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	7	1021	60	584	0.052	0.215	-6.0	9.9	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	F11	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	6	1162	60	584	0.052	0.215	-9.3	122.1	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	F12	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	7	1011	60	584	0.052	0.215	-6.0	2.0	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	F13	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	3	1090	60	584	0.052	0.215	-19.1	64.8	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	F14	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	11	1143	60	584	0.052	0.215	7.0	107.0	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	F15	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	5	1000	60	584	0.052	0.215	-12.6	-6.8	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Apron	F16	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	8	823	60	584	0.052	0.215	-2.8	-147.5	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	G4	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	8	1048	60	584	0.052	0.215	-2.8	31.4	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	G6	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	10	1052	60	584	0.052	0.215	3.8	34.6	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	G7	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	5	995	60	584	0.052	0.215	-12.6	-10.7	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	G8	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	7	993	60	584	0.052	0.215	-6.0	-12.3	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	G9	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	8	1067	60	584	0.052	0.215	-2.8	46.5	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	G10	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	4	968	60	584	0.052	0.215	-15.8	-32.2	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	G11	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	9	1118	60	584	0.052	0.215	0.5	87.1	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	G12	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	9	1050	60	584	0.052	0.215	0.5	33.0	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	G13	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	3	976	60	584	0.052	0.215	-19.1	-25.8	5.4	53.9	100	1000

BROOKHAVEN NATIONAL LABORATORY - STACK REMOVAL

SURVEY UNIT 7A - PEDESTAL STATIC MEASUREMENTS

SU	Survey Type	Room	Meas. Type	Meter	Surface/ Apron	Grid No.	Date	Material/ Surface	Instrument/ Serial Numbers	Reference Alpha Counts	Reference Beta Counts	Reference Count Time (seconds)	Survey Alpha Counts	Survey Beta Counts	Survey Count Time (seconds)	Detector Active Area (cm^2)	Alpha Efficiency	Beta Efficiency	Alpha (dpm/ 100 cm^2)	Beta (dpm/ 100 cm^2)	Alpha Critical Value (counts)	Beta Critical Value (counts)	Alpha Release Criteria (dpm/ 100 cm^2)	Beta Release Criteria (dpm/ 100 cm^2)
7A	Systematic	Pedestal	Static	M2	Surface	G14	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	8	1001	60	584	0.052	0.215	-2.8	-6.0	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	G15	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	8	1053	60	584	0.052	0.215	-2.8	35.4	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Apron	G16	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	7	839	60	584	0.052	0.215	-6.0	-134.8	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	H4	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	11	1091	60	584	0.052	0.215	7.0	65.6	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	H6	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	2	1004	60	584	0.052	0.215	-22.4	-3.6	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	H7	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	7	962	60	584	0.052	0.215	-6.0	-37.0	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	H8	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	8	961	60	584	0.052	0.215	-2.8	-37.8	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	H9	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	8	913	60	584	0.052	0.215	-2.8	-76.0	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	H10	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	6	950	60	584	0.052	0.215	-9.3	-46.5	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	H11	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	5	1005	60	584	0.052	0.215	-12.6	-2.8	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	H12	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	9	985	60	584	0.052	0.215	0.5	-18.7	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	H13	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	6	1044	60	584	0.052	0.215	-9.3	28.2	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	H14	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	6	1036	60	584	0.052	0.215	-9.3	21.9	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	H15	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	12	981	60	584	0.052	0.215	10.3	-21.9	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Apron	H16	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	8	850	60	584	0.052	0.215	-2.8	-126.1	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	I4	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	10	1156	60	584	0.052	0.215	3.8	117.3	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	I6	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	4	959	60	584	0.052	0.215	-15.8	-39.4	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	I7	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	12	1017	60	584	0.052	0.215	10.3	6.8	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	I8	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	7	908	60	584	0.052	0.215	-6.0	-79.9	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	I9	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	3	953	60	584	0.052	0.215	-19.1	-44.1	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	I10	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	8	982	60	584	0.052	0.215	-2.8	-21.1	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	I11	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	5	961	60	584	0.052	0.215	-12.6	-37.8	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	I12	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	4	980	60	584	0.052	0.215	-15.8	-22.7	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	I13	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	5	951	60	584	0.052	0.215	-12.6	-45.7	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	I14	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	12	972	60	584	0.052	0.215	10.3	-29.0	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	I15	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	6	981	60	584	0.052	0.215	-9.3	-21.9	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Apron	I16	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	8	815	60	584	0.052	0.215	-2.8	-153.9	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	J4	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	9	1078	60	584	0.052	0.215	0.5	55.3	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	J6	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	14	986	60	584	0.052	0.215	16.8	-17.9	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	J7	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	8	960	60	584	0.052	0.215	-2.8	-38.6	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	J8	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	5	988	60	584	0.052	0.215	-12.6	-16.3	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	J9	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	10	1022	60	584	0.052	0.215	3.8	10.7	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	J10	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	12	975	60	584	0.052	0.215	10.3	-26.6	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	J11	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	6	893	60	584	0.052	0.215	-9.3	-91.9	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	J12	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	9	927	60	584	0.052	0.215	0.5	-64.8	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	J13	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	8	1020	60	584	0.052	0.215	-2.8	9.1	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	J14	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	8	989	60	584	0.052	0.215	-2.8	-15.5	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	J15	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	10	915	60	584	0.052	0.215	3.8	-74.4	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Apron	J16	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	6	848	60	584	0.052	0.215	-9.3	-127.6	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	K3	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	7	979	60	584	0.052	0.215	-6.0	-23.5	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	K4	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	7	1052	60	584	0.052	0.215	-6.0	34.6	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	K5	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	6	1036	60	584	0.052	0.215	-9.3	21.9	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	K6	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	5	1023	60	584	0.052	0.215	-12.6	11.5	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	K7	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	13	945	60	584	0.052	0.215	13.6	-50.5	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	K8	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	6	977	60	584	0.052	0.215	-9.3	-25.1	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	K9	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	9	990	60	584	0.052	0.215	0.5	-14.7	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	K10	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	3	1123	60	584	0.052	0.215	-19.1	91.1	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	K11	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	8	978	60	584	0.052	0.215	-2.8	-24.3	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	K12	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	13	983	60	584	0.052	0.215	13.6	-20.3	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	K13	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	7	936	60	584	0.052	0.215	-6.0	-57.7	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	K14	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	7	1038	60	584	0.052	0.215	-6.0	23.5	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	K15	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	11	1045	60	584	0.052	0.215	7.0	29.0	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Apron	K16	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	8	859	60	584	0.052	0.215	-2.8	-118.9	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	L3	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	11	948	60	584	0.052	0.215	7.0	-48.1	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	L4	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	6	1058	60	584	0.052	0.215	-9.3	39.4	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	L5	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	12	1000	60	584	0.052	0.215	10.3	-6.8	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	L6	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	13	1018	60	584	0.052	0.215	13.6	7.6	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	L7	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	0	939	60	584	0.052	0.215	-28.9	-55.3	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	L8	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	8	989	60	584	0.052	0.215	-2.8	-15.5	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	L9	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	9	1016	60	584	0.052	0.215	0.5	6.0	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	L10	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	9	975	60	584	0.052	0.215	0.5	-26.6	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	L11	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	7	1021	60	584	0.052	0.215	-6.0	9.9	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	L12	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	8	997	60	584	0.052	0.215	-2.8	-9.1	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	L13	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	8	979	60	584	0.052	0.215	-2.8	-23.5	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	L14	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	6	980	60	584	0.052	0.215	-9.3	-22.7	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Apron	L15	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	7	874	60	584	0.052	0.215	-6.0	-107.0	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Apron	L16	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	5	807	60	584	0.052	0.215	-12.6	-160.3	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Apron	M3	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	6	929	60	584	0.052	0.215	-9.3	-63.2	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	M4	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	7	1057	60	584	0.052	0.215	-6.0	38.6	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	M5	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	3	938	60	584	0.052	0.215	-19.1	-56.1	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	M6	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	8	950	60	584	0.052	0.215	-2.8	-46.5	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	M7	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	9	896	60	584	0.052	0.215	0.5	-89.5	5.4	53.9	100	1000

BROOKHAVEN NATIONAL LABORATORY - STACK REMOVAL

SURVEY UNIT 7A - PEDESTAL STATIC MEASUREMENTS

SU	Survey Type	Room	Meas. Type	Meter	Surface/ Apron	Grid No.	Date	Material/ Surface	Instrument/ Serial Numbers	Reference Alpha Counts	Reference Beta Counts	Reference Count Time (seconds)	Survey Alpha Counts	Survey Beta Counts	Survey Count Time (seconds)	Detector Active Area (cm^2)	Alpha Efficiency	Beta Efficiency	Alpha (dpm/ 100 cm^2)	Beta (dpm/ 100 cm^2)	Alpha Critical Value (counts)	Beta Critical Value (counts)	Alpha Release Criteria (dpm/ 100 cm^2)	Beta Release Criteria (dpm/ 100 cm^2)
7A	Systematic	Pedestal	Static	M2	Surface	M8	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	7	954	60	584	0.052	0.215	-6.0	-43.3	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	M9	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	11	1031	60	584	0.052	0.215	7.0	17.9	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	M10	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	7	858	60	584	0.052	0.215	-6.0	-119.7	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	M11	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	7	1021	60	584	0.052	0.215	-6.0	9.9	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	M12	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	17	893	60	584	0.052	0.215	26.6	-91.9	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	M13	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	5	971	60	584	0.052	0.215	-12.6	-29.8	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	M14	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	14	976	60	584	0.052	0.215	16.8	-25.8	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Apron	N4	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	5	912	60	584	0.052	0.215	-12.6	-76.7	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	N5	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	7	989	60	584	0.052	0.215	-6.0	-15.5	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	N6	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	9	903	60	584	0.052	0.215	0.5	-83.9	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	N7	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	7	987	60	584	0.052	0.215	-6.0	-17.1	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	N8	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	6	924	60	584	0.052	0.215	-9.3	-67.2	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	N9	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	6	946	60	584	0.052	0.215	-9.3	-49.7	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	N10	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	7	913	60	584	0.052	0.215	-6.0	-76.0	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	N11	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	5	914	60	584	0.052	0.215	-12.6	-75.2	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	N12	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	5	951	60	584	0.052	0.215	-12.6	-45.7	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Apron	N13	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	4	806	60	584	0.052	0.215	-15.8	-161.1	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Apron	N14	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	4	817	60	584	0.052	0.215	-15.8	-152.3	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Apron	O4	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	7	867	60	584	0.052	0.215	-6.0	-112.5	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Apron	O5	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	6	855	60	584	0.052	0.215	-9.3	-122.1	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	O6	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	5	999	60	584	0.052	0.215	-12.6	-7.6	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	O7	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	11	931	60	584	0.052	0.215	7.0	-61.6	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	O8	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	7	974	60	584	0.052	0.215	-6.0	-27.4	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	O9	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	9	995	60	584	0.052	0.215	0.5	-10.7	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	O10	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	7	963	60	584	0.052	0.215	-6.0	-36.2	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	O11	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	10	988	60	584	0.052	0.215	3.8	-16.3	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Surface	O12	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	8	959	60	584	0.052	0.215	-2.8	-39.4	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Apron	P6	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	7	882	60	584	0.052	0.215	-6.0	-100.6	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Apron	P7	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	8	925	60	584	0.052	0.215	-2.8	-66.4	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Apron	P8	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	4	866	60	584	0.052	0.215	-15.8	-113.3	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Apron	P9	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	6	867	60	584	0.052	0.215	-9.3	-112.5	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Apron	P10	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	8	893	60	584	0.052	0.215	-2.8	-91.9	5.4	53.9	100	1000
7A	Systematic	Pedestal	Static	M2	Apron	P11	8/27/2021	Concrete	2360 SN275772/ 43-37 PR216988	8	983	60	5	861	60	584	0.052	0.215	-12.6	-117.3	5.4	53.9	100	1000
7A																								
7A																								

Summary Statistics					
Minimum	0	380		-28.920056	-499.86002
Maximum	17	1206		26.632594	157.07614
Mean	7.97	998.90		-2.87	-7.64
Median	8.00	989.00		-2.78	-15.51
Standard Deviation	2.92	111.12		9.54	88.38
# of Measurements	177	177		177	177

BROOKHAVEN NATIONAL LABORATORY - STACK REMOVAL

SURVEY UNIT 7A - PEDESTAL STATIC MEASUREMENTS

SU	Survey Type	Room	Meas. Type	Meter	Surface/ Apron	Grid No.	Date	Material/ Surface	Instrument/ Serial Numbers	Reference Alpha Counts	Reference Beta Counts	Reference Count Time (seconds)	Survey Alpha Counts	Survey Beta Counts	Survey Count Time (seconds)	Detector Active Area (cm^2)	Alpha Efficiency	Beta Efficiency	Alpha (dpm/ 100 cm^2)	Beta (dpm/ 100 cm^2)	Alpha Critical Value (counts)	Beta Critical Value (counts)	Alpha Release Criteria (dpm/ 100 cm^2)	Beta Release Criteria (dpm/ 100 cm^2)
7A	Bias	Pedestal	Static	M4	Apron	K10	9/8/2021	Concrete	2360 SN184954/ 43-93 PR199838	2	277	60	3	513	120	100	0.098	0.120	-8.3	-187.1	4.2	41.6	100	1000
7A	Bias	Pedestal	Static	M4	Apron	K12	9/8/2021	Concrete	2360 SN184954/ 43-93 PR199838	2	277	60	10	723	120	100	0.098	0.120	27.5	688.6	4.2	41.6	100	1000
7A	Bias	Pedestal	Static	M4	Apron	K15	9/8/2021	Concrete	2360 SN184954/ 43-93 PR199838	2	277	60	5	445	120	100	0.098	0.120	1.9	-470.7	4.2	41.6	100	1000
7A	Systematic	Pedestal	Static	M4	Slope	G3	9/8/2021	Concrete	2360 SN184954/ 43-93 PR199838	2	277	60	11	576	120	100	0.098	0.120	32.6	75.6	4.2	41.6	100	1000
7A	Systematic	Pedestal	Static	M4	Slope	H3	9/8/2021	Concrete	2360 SN184954/ 43-93 PR199838	2	277	60	6	540	120	100	0.098	0.120	7.0	-74.5	4.2	41.6	100	1000
7A	Systematic	Pedestal	Static	M4	Slope	I3	9/8/2021	Concrete	2360 SN184954/ 43-93 PR199838	2	277	60	3	490	120	100	0.098	0.120	-8.3	-283.0	4.2	41.6	100	1000
7A	Systematic	Pedestal	Static	M4	Slope	J3	9/8/2021	Concrete	2360 SN184954/ 43-93 PR199838	2	277	60	6	429	120	100	0.098	0.120	7.0	-537.4	4.2	41.6	100	1000
7A																								
7A																								

Summary Statistics						
Minimum	3	429			-8.3162743	-537.42702
Maximum	11	723			32.625384	688.59466
Mean	6.29	530.86			8.50	-112.67
Median	6.00	513.00			7.04	-187.14
Standard Deviation	3.15	98.97			16.11	412.73
# of Measurements	7	7			7	7

BROOKHAVEN NATIONAL LABORATORY - STACK REMOVAL

SURVEY UNIT 7A - PEDESTAL SMEAR MEASUREMENTS

SU	Survey Type	Room	Meas. Type	Meter	Surface/ Apron	Grid No.	Date	Material/ Surface	Instrument/ Serial Numbers	Reference Alpha Counts	Reference Beta Counts	Reference Count Time (seconds)	Survey Alpha Counts	Survey Beta Counts	Survey Count Time (seconds)	Detector Active Area (cm^2)	Alpha Efficiency	Beta Efficiency	Alpha (dpm/ 100 cm^2)	Beta (dpm/ 100 cm^2)	Alpha Critical Value (counts)	Beta Critical Value (counts)	Alpha Release Criteria (dpm/ 100 cm^2)	Beta Release Criteria (dpm/ 100 cm^2)
7A	Systematic	Pedestal	Smear	M10	Apron	A6	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	37	60	100	0.170	0.158	-0.4	6.1	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Apron	A7	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	31	60	100	0.170	0.158	-0.4	-32.0	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Apron	A8	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	30	60	100	0.170	0.158	-0.4	-38.3	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Apron	A9	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	30	60	100	0.170	0.158	-0.4	-38.3	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Apron	A10	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	41	60	100	0.170	0.158	-0.4	31.5	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Apron	A11	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	32	60	100	0.170	0.158	-0.4	-25.6	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Apron	B5	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	35	60	100	0.170	0.158	-0.4	-6.6	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	B6	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	37	60	100	0.170	0.158	-0.4	6.1	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	B7	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	1	39	60	100	0.170	0.158	5.5	18.8	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	B8	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	24	60	100	0.170	0.158	-0.4	-76.4	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	B9	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	44	60	100	0.170	0.158	-0.4	50.6	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	B10	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	36	60	100	0.170	0.158	-0.4	-0.2	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	B11	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	31	60	100	0.170	0.158	-0.4	-32.0	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Apron	B12	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	1	40	60	100	0.170	0.158	5.5	25.2	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	C4	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	37	60	100	0.170	0.158	-0.4	6.1	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	C5	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	38	60	100	0.170	0.158	-0.4	12.5	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	C6	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	32	60	100	0.170	0.158	-0.4	-25.6	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	C7	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	25	60	100	0.170	0.158	-0.4	-70.1	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	C8	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	34	60	100	0.170	0.158	-0.4	-12.9	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	C9	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	33	60	100	0.170	0.158	-0.4	-19.3	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	C10	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	37	60	100	0.170	0.158	-0.4	6.1	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	C11	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	1	38	60	100	0.170	0.158	5.5	12.5	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	C12	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	47	60	100	0.170	0.158	-0.4	69.6	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Apron	D3	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	32	60	100	0.170	0.158	-0.4	-25.6	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	D4	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	38	60	100	0.170	0.158	-0.4	12.5	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	D5	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	42	60	100	0.170	0.158	-0.4	37.9	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	D6	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	41	60	100	0.170	0.158	-0.4	31.5	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	D7	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	33	60	100	0.170	0.158	-0.4	-19.3	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	D8	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	36	60	100	0.170	0.158	-0.4	-0.2	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	D9	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	35	60	100	0.170	0.158	-0.4	-6.6	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	D10	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	2	56	60	100	0.170	0.158	11.4	126.7	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	D11	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	40	60	100	0.170	0.158	-0.4	25.2	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	D12	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	39	60	100	0.170	0.158	-0.4	18.8	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	D13	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	1	30	60	100	0.170	0.158	5.5	-38.3	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	D14	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	25	60	100	0.170	0.158	-0.4	-70.1	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	E3	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	26	60	100	0.170	0.158	-0.4	-63.7	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	E4	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	38	60	100	0.170	0.158	-0.4	12.5	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	E5	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	33	60	100	0.170	0.158	-0.4	-19.3	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	E6	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	36	60	100	0.170	0.158	-0.4	-0.2	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	E7	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	31	60	100	0.170	0.158	-0.4	-32.0	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	E8	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	41	60	100	0.170	0.158	-0.4	31.5	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	E9	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	31	60	100	0.170	0.158	-0.4	-32.0	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	E10	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	30	60	100	0.170	0.158	-0.4	-38.3	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	E11	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	1	37	60	100	0.170	0.158	5.5	6.1	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	E12	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	37	60	100	0.170	0.158	-0.4	6.1	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	E13	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	35	60	100	0.170	0.158	-0.4	-6.6	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	E14	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	36	60	100	0.170	0.158	-0.4	-0.2	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Apron	E15	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	29	60	100	0.170	0.158	-0.4	-44.7	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Apron	E16	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	41	60	100	0.170	0.158	-0.4	31.5	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	F3	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	23	60	100	0.170	0.158	-0.4	-82.8	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	F4	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	43	60	100	0.170	0.158	-0.4	44.2	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	F5	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	43	60	100	0.170	0.158	-0.4	44.2	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	F6	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	42	60	100	0.170	0.158	-0.4	37.9	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	F7	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	34	60	100	0.170	0.158	-0.4	-12.9	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	F8	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	1	20	60	100	0.170	0.158	5.5	-101.8	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	F9	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	46	60	100	0.170	0.158	-0.4	63.3	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	F10	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	41	60	100	0.170	0.158	-0.4	31.5	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	F11	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	37	60	100	0.170	0.158	-0.4	6.1	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	F12	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	28	60	100	0.170	0.158	-0.4	-51.0	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	F13	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	30	60	100	0.170	0.158	-0.4	-38.3	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	F14	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	37	60	100	0.170	0.158	-0.4	6.1	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	F15	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	40	60	100	0.170	0.158	-0.4	25.2	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Apron	F16	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	38	60	100	0.170	0.158	-0.4	12.5	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	G4	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	42	60	100	0.170	0.158	-0.4	37.9	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	G6	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	31	60	100	0.170	0.158	-0.4	-32.0	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	G7	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	1	34	60	100	0.170	0.158	5.5	-12.9	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	G8	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	37	60	100	0.170	0.158	-0.4	6.1	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	G9	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	29	60	100	0.170	0.158	-0.4	-44.7	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	G10	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	25	60	100	0.170	0.158	-0.4	-70.1	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	G11	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	35	60	100	0.170	0.158	-0.4	-6.6	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	G12	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	28	60	100	0.170	0.158	-0.4	-51.0	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	G13	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	26	60	100	0.170	0.158	-0.4	-63.7	0.8	10.5	20	200

BROOKHAVEN NATIONAL LABORATORY - STACK REMOVAL

SURVEY UNIT 7A - PEDESTAL SMEAR MEASUREMENTS

SU	Survey Type	Room	Meas. Type	Meter	Surface/ Apron	Grid No.	Date	Material/ Surface	Instrument/ Serial Numbers	Reference Alpha Counts	Reference Beta Counts	Reference Count Time (seconds)	Survey Alpha Counts	Survey Beta Counts	Survey Count Time (seconds)	Detector Active Area (cm^2)	Alpha Efficiency	Beta Efficiency	Alpha (dpm/ 100 cm^2)	Beta (dpm/ 100 cm^2)	Alpha Critical Value (counts)	Beta Critical Value (counts)	Alpha Release Criteria (dpm/ 100 cm^2)	Beta Release Criteria (dpm/ 100 cm^2)
7A	Systematic	Pedestal	Smear	M10	Surface	G14	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	34	60	100	0.170	0.158	-0.4	-12.9	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	G15	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	33	60	100	0.170	0.158	-0.4	-19.3	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Apron	G16	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	28	60	100	0.170	0.158	-0.4	-51.0	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	H4	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	31	60	100	0.170	0.158	-0.4	-32.0	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	H6	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	1	22	60	100	0.170	0.158	5.5	-89.1	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	H7	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	36	60	100	0.170	0.158	-0.4	-0.2	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	H8	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	41	60	100	0.170	0.158	-0.4	31.5	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	H9	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	1	41	60	100	0.170	0.158	5.5	31.5	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	H10	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	26	60	100	0.170	0.158	-0.4	-63.7	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	H11	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	1	35	60	100	0.170	0.158	5.5	-6.6	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	H12	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	34	60	100	0.170	0.158	-0.4	-12.9	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	H13	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	34	60	100	0.170	0.158	-0.4	-12.9	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	H14	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	29	60	100	0.170	0.158	-0.4	-44.7	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	H15	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	32	60	100	0.170	0.158	-0.4	-25.6	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Apron	H16	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	40	60	100	0.170	0.158	-0.4	25.2	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	I4	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	41	60	100	0.170	0.158	-0.4	31.5	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	I6	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	26	60	100	0.170	0.158	-0.4	-63.7	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	I7	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	32	60	100	0.170	0.158	-0.4	-25.6	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	I8	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	23	60	100	0.170	0.158	-0.4	-82.8	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	I9	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	1	28	60	100	0.170	0.158	5.5	-51.0	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	I10	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	33	60	100	0.170	0.158	-0.4	-19.3	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	I11	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	41	60	100	0.170	0.158	-0.4	31.5	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	I12	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	34	60	100	0.170	0.158	-0.4	-12.9	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	I13	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	44	60	100	0.170	0.158	-0.4	50.6	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	I14	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	38	60	100	0.170	0.158	-0.4	12.5	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	I15	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	1	27	60	100	0.170	0.158	5.5	-57.4	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Apron	I16	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	36	60	100	0.170	0.158	-0.4	-0.2	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	J4	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	44	60	100	0.170	0.158	-0.4	50.6	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	J6	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	30	60	100	0.170	0.158	-0.4	-38.3	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	J7	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	49	60	100	0.170	0.158	-0.4	82.3	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	J8	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	31	60	100	0.170	0.158	-0.4	-32.0	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	J9	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	29	60	100	0.170	0.158	-0.4	-44.7	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	J10	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	49	60	100	0.170	0.158	-0.4	82.3	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	J11	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	29	60	100	0.170	0.158	-0.4	-44.7	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	J12	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	38	60	100	0.170	0.158	-0.4	12.5	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	J13	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	37	60	100	0.170	0.158	-0.4	6.1	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	J14	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	34	60	100	0.170	0.158	-0.4	-12.9	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	J15	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	30	60	100	0.170	0.158	-0.4	-38.3	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Apron	J16	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	45	60	100	0.170	0.158	-0.4	56.9	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	K3	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	27	60	100	0.170	0.158	-0.4	-57.4	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	K4	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	32	60	100	0.170	0.158	-0.4	-25.6	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	K5	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	38	60	100	0.170	0.158	-0.4	12.5	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	K6	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	1	43	60	100	0.170	0.158	5.5	44.2	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	K7	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	31	60	100	0.170	0.158	-0.4	-32.0	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	K8	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	29	60	100	0.170	0.158	-0.4	-44.7	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	K9	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	36	60	100	0.170	0.158	-0.4	-0.2	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	K10	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	38	60	100	0.170	0.158	-0.4	12.5	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	K11	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	1	27	60	100	0.170	0.158	5.5	-57.4	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	K12	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	33	60	100	0.170	0.158	-0.4	-19.3	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	K13	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	29	60	100	0.170	0.158	-0.4	-44.7	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	K14	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	30	60	100	0.170	0.158	-0.4	-38.3	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	K15	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	38	60	100	0.170	0.158	-0.4	12.5	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Apron	K16	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	41	60	100	0.170	0.158	-0.4	31.5	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	L3	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	37	60	100	0.170	0.158	-0.4	6.1	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	L4	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	30	60	100	0.170	0.158	-0.4	-38.3	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	L5	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	35	60	100	0.170	0.158	-0.4	-6.6	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	L6	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	36	60	100	0.170	0.158	-0.4	-0.2	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	L7	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	38	60	100	0.170	0.158	-0.4	12.5	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	L8	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	47	60	100	0.170	0.158	-0.4	69.6	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	L9	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	33	60	100	0.170	0.158	-0.4	-19.3	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	L10	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	41	60	100	0.170	0.158	-0.4	31.5	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	L11	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	31	60	100	0.170	0.158	-0.4	-32.0	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	L12	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	34	60	100	0.170	0.158	-0.4	-12.9	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	L13	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	34	60	100	0.170	0.158	-0.4	-12.9	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	L14	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	38	60	100	0.170	0.158	-0.4	12.5	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Apron	L15	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	43	60	100	0.170	0.158	-0.4	44.2	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Apron	L16	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	34	60	100	0.170	0.158	-0.4	-12.9	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Apron	M3	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	34	60	100	0.170	0.158	-0.4	-12.9	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	M4	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	43	60	100	0.170	0.158	-0.4	44.2	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	M5	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	38	60	100	0.170	0.158	-0.4	12.5	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	M6	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	29	60	100	0.170	0.158	-0.4	-44.7	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	M7	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	1	28	60	100	0.170	0.158	5.5	-51.0	0.8	10.5	20	200

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SU	Survey Type	Room	Meas. Type	Meter	Surface/ Apron	Grid No.	Date	Material/ Surface	Instrument/ Serial Numbers	Reference Alpha Counts	Reference Beta Counts	Reference Count Time (seconds)	Survey Alpha Counts	Survey Beta Counts	Survey Count Time (seconds)	Detector Active Area (cm^2)	Alpha Efficiency	Beta Efficiency	Alpha (dpm/ 100 cm^2)	Beta (dpm/ 100 cm^2)	Alpha Critical Value (counts)	Beta Critical Value (counts)	Alpha Release Criteria (dpm/ 100 cm^2)	Beta Release Criteria (dpm/ 100 cm^2)
7A	Systematic	Pedestal	Smear	M10	Surface	M8	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	38	60	100	0.170	0.158	-0.4	12.5	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	M9	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	38	60	100	0.170	0.158	-0.4	12.5	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	M10	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	37	60	100	0.170	0.158	-0.4	6.1	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	M11	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	34	60	100	0.170	0.158	-0.4	-12.9	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	M12	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	35	60	100	0.170	0.158	-0.4	-6.6	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	M13	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	40	60	100	0.170	0.158	-0.4	25.2	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	M14	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	38	60	100	0.170	0.158	-0.4	12.5	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Apron	N4	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	32	60	100	0.170	0.158	-0.4	-25.6	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	N5	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	27	60	100	0.170	0.158	-0.4	-57.4	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	N6	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	36	60	100	0.170	0.158	-0.4	-0.2	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	N7	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	32	60	100	0.170	0.158	-0.4	-25.6	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	N8	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	39	60	100	0.170	0.158	-0.4	18.8	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	N9	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	34	60	100	0.170	0.158	-0.4	-12.9	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	N10	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	29	60	100	0.170	0.158	-0.4	-44.7	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	N11	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	1	36	60	100	0.170	0.158	5.5	-0.2	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	N12	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	36	60	100	0.170	0.158	-0.4	-0.2	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Apron	N13	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	41	60	100	0.170	0.158	-0.4	31.5	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Apron	N14	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	31	60	100	0.170	0.158	-0.4	-32.0	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Apron	O4	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	38	60	100	0.170	0.158	-0.4	12.5	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Apron	O5	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	34	60	100	0.170	0.158	-0.4	-12.9	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	O6	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	1	27	60	100	0.170	0.158	5.5	-57.4	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	O7	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	40	60	100	0.170	0.158	-0.4	25.2	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	O8	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	32	60	100	0.170	0.158	-0.4	-25.6	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	O9	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	33	60	100	0.170	0.158	-0.4	-19.3	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	O10	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	31	60	100	0.170	0.158	-0.4	-32.0	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	O11	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	33	60	100	0.170	0.158	-0.4	-19.3	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Surface	O12	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	25	60	100	0.170	0.158	-0.4	-70.1	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Apron	P6	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	36	60	100	0.170	0.158	-0.4	-0.2	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Apron	P7	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	40	60	100	0.170	0.158	-0.4	25.2	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Apron	P8	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60			60	100	0.170	0.158			0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Apron	P9	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	32	60	100	0.170	0.158	-0.4	-25.6	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Apron	P10	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	34	60	100	0.170	0.158	-0.4	-12.9	0.8	10.5	20	200
7A	Systematic	Pedestal	Smear	M10	Apron	P11	8/27/2021	Smear	2929 SN271413/43-10-1 PR291575	0.1	36.15	60	0	26	60	100	0.170	0.158	-0.4	-63.7	0.8	10.5	20	200
7A																								
7A																								

Summary Statistics					
Minimum	0	20		-0.3676471	-101.8254
Maximum	2	56		11.397059	126.74603
Mean	0.11	34.76		0.27	-8.10
Median	0.00	34.50		-0.37	-9.76
Standard Deviation	0.33	5.83		1.94	37.02
# of Measurements	176	176		176	176

MEMORANDUM

To: Eric Barbour, USACE

From: Scott Hay, Cabrera Services Inc.

Date: August 5, 2021

Subject: Pedestal Drain Status for Final Status Survey

Remediation of the Stack pedestal is complete. The purpose of this memorandum is to document the remediation of the Stack drains, radiological status of the drains prior to final status survey (FSS), and describe the anticipated activities leading to release of the pedestal.

Conceptual Site Model

The three drain lines imbedded in the Stack concrete are stainless steel. Drain A is located on the west side of the pedestal and collected water from a trench drain located at the interface where the Silencer connected with the Stack. Drain B is in the middle of the pedestal with a drain pipe running from southeast to northwest, including a sump in the center of the pedestal. Drain C was located on the east side of the pedestal and was designed to drain any liquids collecting between the planned double wall of the Stack. Since the exterior portion of the double wall was not completed, Drain C was outside the Stack.

Water potentially containing radioactive material, either dissolved or as suspended particulates, would enter the drains and flow to the collection tank. Little or no contamination was expected to be associated with the interior stainless-steel surfaces. Any radioactive contamination inside the pipes, including debris from demolition of the Stack and Silencer, was expected to be removable activity. The planned FSS activities in the FSP include measurements of removable radioactivity at the exposed ends of the pipes.

Summary of Remedial Activities

The Stack water collection system (holding tank, drain pipes) was removed in February 2021, leaving three drain lines exiting the northwest side of the pedestal. Smears collected from inside the three pipes reported less than 5 dpm/100 cm^2 alpha and less than 125 dpm/100 cm^2 beta, less than the removable activity release limits of 20 dpm/100 cm^2 alpha and 200 dpm/100 cm^2 beta listed in the FSP. The drain lines were capped to prevent the potential spread of contamination.

Issues associated with removal of surface concrete contamination resulted in a decision to cut and remove approximately 12-inches of concrete. Cutting the concrete also cut the three drain lines providing access to the pipes. In particular, Drain B was cut on an angle providing access to approximately one foot of the interior surface of the pipe.

A survey of removable activity on the inside surface of Drain B on 7/13/2021 confirmed there was no removable alpha activity, but the removable beta activity was reported at 556 dpm/100 cm^2. Drain A and Drain C were blocked with debris and no measurements were performed.

Once the concrete cutting was completed the surface of the pedestal was cleaned and the debris removed from Drain A and Drain C. Alpha activity for all three drains was below the release criteria with

a maximum of 37 dpm/100 cm^2 total surface activity for Drain B and a maximum of 6.5 dpm/100 cm^2removable surface activity for Drain B. However, total beta surface activity for Drain A exceeded 10,000 dpm/100 cm^2, and exceeded 200,000 dpm/100 cm^2 for Drain B.

The drains were flushed to remove loose surface contamination and the total surface activity was reduced to less than 5,000 dpm/100 cm^2 for Drain A and less than 50,000 dpm/100 cm^2 for Drain B. More aggressive remediation using muriatic acid and scrubbing to remove visible black stains from the inside surface of Drain B further reduced the total surface activity in Drain B to less than 2,500 dpm/100 cm^2. All cleaning solutions and debris generated during remediation were collected, solidified, and are currently staged for transport to WCS for disposal.

A remedial action support survey was performed on 8/5/2021 to determine the pedestal is ready for FSS. The results of the survey show a maximum removable alpha activity of 13 dpm/100 cm^2 for Drain B, and no detectable removable beta activity for all three drains.

Planned Future Activities

The FSS will be performed as described in the FSP. The remedial action support survey reports levels of removable alpha and beta activity in all three drains are below the project release limits. Therefore, the pipes are expected to pass the FSS.

The presence of fixed beta contamination inside Drain A and Drain B was unexpected based on the conceptual site model. There is a potential for fixed residual radioactivity to remain on the inside surfaces of pipes for Drain A and Drain B. All three drains will be grouted to reduce the potential for residual radioactivity to result in future exposures.

CABRERA SERVICES
CHALLENGE ACCEPTED

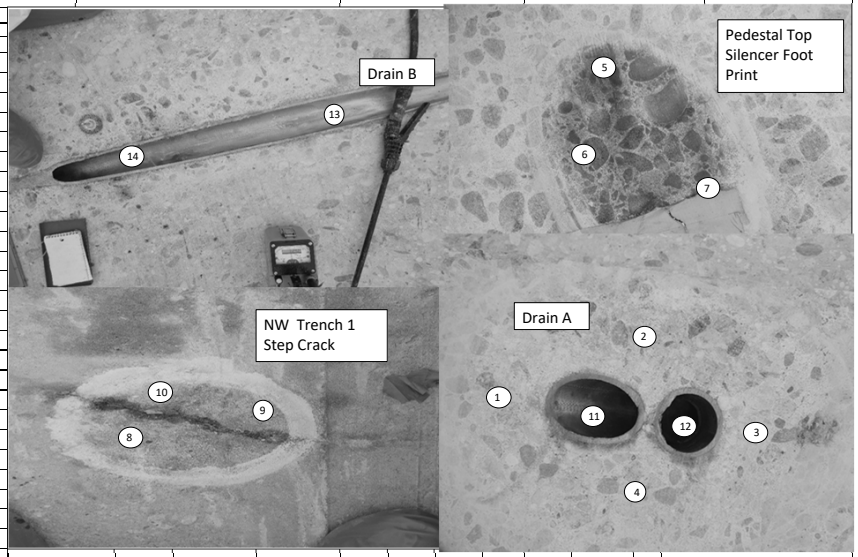
Location: Pedestal	Date:08-05-21	RWP# 9	Survey No. 0621	Survey Type: Contamination	Pg. 1 of 1
Site: Brookhaven National Lab, Upton, NY					

Gross CPM

	Static			Smear	
No.	α	β	No.	α	β
1	0	346	11	0	32
2	0	321	12	1	31
3	1	372	13	2	34
4	0	255	14	0	35
5	1	406			
6	0	381			
7	2	304			
8	0	325			
9	1	255			
10	5	345			

Net DPM/100cm²

	Static				
No.	α	β	No.	α	β
1	0	1663	11	-1	-46
2	0	1400	12	6	-58
3	9	1937	13	13	-20
4	0	705	14	0	-8
5	9	2295			
6	0	2032			
7	19	1221			
8	0	1442			
9	9	705			
10	46	1653			

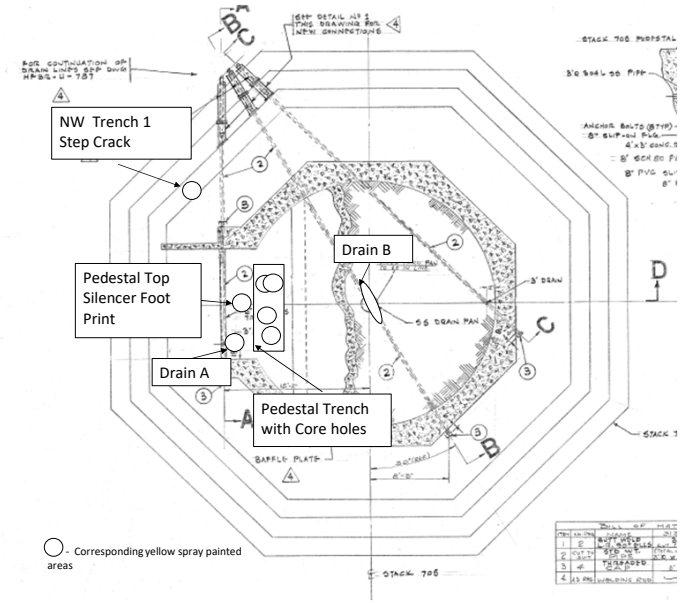


Surveyed By:	Date:	Instrument	Serial #	α Eff.	β Eff.	α Bkg.	β Bkg	γ Bkg	Cal. Due
B Gaudette	05-Aug-21	2360	193675	0.108	0.095	0	188	N/A	25-Feb-22
		43-93	PR292171						
	05-Aug-21	2929	271413	0.156	0.079	0.1	35.6	N/A	07-Jun-22
		43-10-1	PR291575						
Reviewed By: DB									

Key

- □ A/S Location
- *-* Boundary
- ○ Smear / Static Location
- □ Dose Rate _____ /hr
- * Direct Reading CPM/direct frisk
- △ Grab Sample

Pedestal trench hot spots inaccessible due to 2 in of standing water.



SU 7A ALPHA-BETA SCAN DATA RESULTS

Matrix	Alpha (counts)	Beta (counts)	Date/ Time	Northing	Easting	Altitude	Z-Score (Alpha)	Z-Score (Beta)
Concrete	10	783	9/2/2021 1:39:15 PM	78779.23	394758.16	38.37	0.28	-2.07
Concrete	7	909	9/2/2021 1:39:17 PM	78779.32	394758.03	38.48	-0.14	-0.75
Concrete	4	941	9/2/2021 1:39:19 PM	78779.46	394757.91	38.63	-0.56	-0.42
Concrete	3	974	9/2/2021 1:39:21 PM	78779.55	394757.83	38.66	-0.69	-0.07
Concrete	12	911	9/2/2021 1:39:23 PM	78779.50	394757.90	38.87	0.56	-0.73
Concrete	8	878	9/2/2021 1:39:25 PM	78779.15	394757.90	39.10	0.00	-1.08
Concrete	16	964	9/2/2021 1:39:27 PM	78778.84	394757.70	39.30	1.11	-0.18
Concrete	10	906	9/2/2021 1:39:29 PM	78779.02	394757.64	39.57	0.28	-0.79
Concrete	7	891	9/2/2021 1:39:31 PM	78779.27	394757.75	39.65	-0.14	-0.94
Concrete	4	965	9/2/2021 1:39:33 PM	78779.32	394758.40	39.75	-0.56	-0.17
Concrete	26	1008	9/2/2021 1:39:35 PM	78779.48	394759.02	39.77	2.50	0.28
Concrete	17	971	9/2/2021 1:39:37 PM	78779.60	394759.54	39.71	1.25	-0.10
Concrete	11	933	9/2/2021 1:39:39 PM	78779.78	394760.12	39.63	0.42	-0.50
Concrete	7	960	9/2/2021 1:39:41 PM	78779.96	394760.34	39.54	-0.14	-0.22
Concrete	16	963	9/2/2021 1:39:43 PM	78780.21	394760.44	39.57	1.11	-0.19
Concrete	11	963	9/2/2021 1:39:45 PM	78780.40	394760.38	39.61	0.42	-0.19
Concrete	7	1037	9/2/2021 1:39:47 PM	78780.39	394760.45	39.54	-0.14	0.59
Concrete	4	978	9/2/2021 1:39:49 PM	78780.44	394760.50	39.52	-0.56	-0.03
Concrete	3	997	9/2/2021 1:39:51 PM	78780.58	394760.59	39.53	-0.69	0.17
Concrete	2	907	9/2/2021 1:39:53 PM	78780.66	394760.65	39.44	-0.83	-0.77
Concrete	1	920	9/2/2021 1:39:55 PM	78780.66	394760.87	38.54	-0.97	-0.64
Concrete	0	903	9/2/2021 1:39:57 PM	78780.87	394761.08	38.76	-1.11	-0.82
Concrete	0	928	9/2/2021 1:39:59 PM	78781.06	394761.17	39.13	-1.11	-0.55
Concrete	11	849	9/2/2021 1:40:01 PM	78781.10	394761.14	39.17	0.42	-1.38
Concrete	16	890	9/2/2021 1:40:03 PM	78781.15	394761.12	39.06	1.11	-0.95
Concrete	20	998	9/2/2021 1:40:05 PM	78781.24	394761.14	38.98	1.67	0.18
Concrete	13	1076	9/2/2021 1:40:07 PM	78781.41	394761.13	38.99	0.69	0.99
Concrete	8	976	9/2/2021 1:40:09 PM	78781.56	394761.17	39.02	0.00	-0.05
Concrete	5	959	9/2/2021 1:40:11 PM	78781.70	394761.17	39.00	-0.42	-0.23
Concrete	13	1063	9/2/2021 1:40:13 PM	78781.73	394761.18	38.98	0.69	0.86
Concrete	19	983	9/2/2021 1:40:15 PM	78781.81	394761.19	38.85	1.53	0.02
Concrete	33	904	9/2/2021 1:40:17 PM	78781.85	394761.20	38.79	3.47	-0.81
Concrete	22	911	9/2/2021 1:40:19 PM	78781.91	394761.21	38.75	1.94	-0.73
Concrete	14	824	9/2/2021 1:40:21 PM	78782.03	394761.21	38.71	0.83	-1.64
Concrete	9	861	9/2/2021 1:40:23 PM	78782.15	394761.22	38.68	0.14	-1.26
Concrete	6	889	9/2/2021 1:40:25 PM	78782.31	394761.23	38.69	-0.28	-0.96
Concrete	4	911	9/2/2021 1:40:27 PM	78782.46	394761.22	38.67	-0.56	-0.73
Concrete	2	842	9/2/2021 1:40:29 PM	78782.60	394761.19	38.66	-0.83	-1.46
Concrete	13	739	9/2/2021 1:40:31 PM	78782.66	394761.20	38.63	0.69	-2.53
Concrete	9	726	9/2/2021 1:40:33 PM	78782.85	394761.20	38.62	0.14	-2.67
Concrete	6	666	9/2/2021 1:40:35 PM	78783.02	394761.19	38.63	-0.28	-3.30
Concrete	3	848	9/2/2021 1:40:37 PM	78783.13	394761.20	38.62	-0.69	-1.39
Concrete	2	785	9/2/2021 1:40:39 PM	78783.28	394761.27	38.59	-0.83	-2.05
Concrete	1	807	9/2/2021 1:40:41 PM	78783.34	394761.28	38.60	-0.97	-1.82
Concrete	1	881	9/2/2021 1:40:43 PM	78783.46	394761.30	38.56	-0.97	-1.05
Concrete	12	900	9/2/2021 1:40:45 PM	78783.63	394761.30	38.57	0.56	-0.85
Concrete	20	856	9/2/2021 1:40:47 PM	78783.84	394761.31	38.59	1.67	-1.31
Concrete	24	751	9/2/2021 1:40:49 PM	78783.93	394761.30	38.62	2.22	-2.41
Concrete	15	929	9/2/2021 1:40:51 PM	78784.07	394761.32	38.67	0.97	-0.54
Concrete	11	841	9/2/2021 1:40:53 PM	78784.24	394761.34	38.70	0.42	-1.47
Concrete	7	923	9/2/2021 1:40:55 PM	78784.39	394761.32	38.72	-0.14	-0.61
Concrete	4	979	9/2/2021 1:40:57 PM	78784.53	394761.33	38.71	-0.56	-0.02
Concrete	20	957	9/2/2021 1:40:59 PM	78784.68	394761.33	38.67	1.67	-0.25
Concrete	13	962	9/2/2021 1:41:01 PM	78784.83	394761.33	38.64	0.69	-0.20
Concrete	8	858	9/2/2021 1:41:03 PM	78784.91	394761.34	38.62	0.00	-1.29
Concrete	17	949	9/2/2021 1:41:05 PM	78785.02	394761.23	38.61	1.25	-0.34
Concrete	23	971	9/2/2021 1:41:07 PM	78785.11	394761.10	38.60	2.08	-0.10
Concrete	26	967	9/2/2021 1:41:09 PM	78785.12	394760.91	38.61	2.50	-0.15
Concrete	17	1012	9/2/2021 1:41:11 PM	78784.89	394760.73	38.60	1.25	0.32
Concrete	11	930	9/2/2021 1:41:13 PM	78784.53	394760.76	38.62	0.42	-0.53
Concrete	7	921	9/2/2021 1:41:15 PM	78784.36	394760.89	38.66	-0.14	-0.63

SU 7A ALPHA-BETA SCAN DATA RESULTS

Concrete	16	945	9/2/2021 1:41:17 PM	78784.19	394760.83	38.78	1.11	-0.38
Concrete	11	971	9/2/2021 1:41:19 PM	78783.98	394760.79	38.90	0.42	-0.10
Concrete	7	1105	9/2/2021 1:41:21 PM	78783.83	394760.74	38.97	-0.14	1.30
Concrete	4	1050	9/2/2021 1:41:23 PM	78783.70	394760.70	39.04	-0.56	0.72
Concrete	3	985	9/2/2021 1:41:25 PM	78783.62	394760.69	39.08	-0.69	0.04
Concrete	2	958	9/2/2021 1:41:27 PM	78783.53	394760.68	39.14	-0.83	-0.24
Concrete	1	899	9/2/2021 1:41:29 PM	78783.40	394760.64	39.19	-0.97	-0.86
Concrete	0	902	9/2/2021 1:41:31 PM	78783.32	394760.62	39.24	-1.11	-0.83
Concrete	12	873	9/2/2021 1:41:33 PM	78783.25	394760.60	39.26	0.56	-1.13
Concrete	8	851	9/2/2021 1:41:35 PM	78783.17	394760.59	39.33	0.00	-1.36
Concrete	5	938	9/2/2021 1:41:37 PM	78783.07	394760.59	39.34	-0.42	-0.45
Concrete	26	908	9/2/2021 1:41:39 PM	78782.96	394760.59	39.38	2.50	-0.76
Concrete	17	915	9/2/2021 1:41:41 PM	78782.78	394760.53	39.41	1.25	-0.69
Concrete	11	940	9/2/2021 1:41:43 PM	78782.68	394760.54	39.46	0.42	-0.43
Concrete	7	920	9/2/2021 1:41:45 PM	78782.56	394760.56	39.46	-0.14	-0.64
Concrete	4	909	9/2/2021 1:41:47 PM	78782.37	394760.54	39.47	-0.56	-0.75
Concrete	3	876	9/2/2021 1:41:49 PM	78782.20	394760.54	39.48	-0.69	-1.10
Concrete	2	912	9/2/2021 1:41:51 PM	78782.09	394760.53	39.49	-0.83	-0.72
Concrete	1	930	9/2/2021 1:41:53 PM	78781.94	394760.53	39.51	-0.97	-0.53
Concrete	0	940	9/2/2021 1:41:55 PM	78781.86	394760.52	39.53	-1.11	-0.43
Concrete	0	983	9/2/2021 1:41:57 PM	78781.68	394760.52	39.57	-1.11	0.02
Concrete	0	1047	9/2/2021 1:41:59 PM	78781.65	394760.53	39.58	-1.11	0.69
Concrete	0	966	9/2/2021 1:42:01 PM	78781.54	394760.57	39.61	-1.11	-0.16
Concrete	0	979	9/2/2021 1:42:03 PM	78781.40	394760.56	39.62	-1.11	-0.02
Concrete	0	975	9/2/2021 1:42:05 PM	78781.35	394760.55	39.63	-1.11	-0.06
Concrete	0	1072	9/2/2021 1:42:07 PM	78781.22	394760.54	39.66	-1.11	0.95
Concrete	0	1106	9/2/2021 1:42:09 PM	78781.11	394760.56	39.67	-1.11	1.31
Concrete	0	995	9/2/2021 1:42:11 PM	78781.06	394760.56	39.69	-1.11	0.15
Concrete	0	1058	9/2/2021 1:42:13 PM	78780.97	394760.56	39.70	-1.11	0.81
Concrete	11	1035	9/2/2021 1:42:15 PM	78780.90	394760.55	39.72	0.42	0.57
Concrete	7	1019	9/2/2021 1:42:17 PM	78780.82	394760.54	39.73	-0.14	0.40
Concrete	14	995	9/2/2021 1:42:19 PM	78780.72	394760.52	39.75	0.83	0.15
Concrete	9	1039	9/2/2021 1:42:21 PM	78780.64	394760.52	39.77	0.14	0.61
Concrete	15	992	9/2/2021 1:42:23 PM	78780.57	394760.50	39.77	0.97	0.12
Concrete	22	1059	9/2/2021 1:42:25 PM	78780.54	394760.50	39.77	1.94	0.82
Concrete	14	1006	9/2/2021 1:42:27 PM	78780.45	394760.48	39.77	0.83	0.26
Concrete	9	982	9/2/2021 1:42:29 PM	78780.32	394760.46	39.77	0.14	0.01
Concrete	6	951	9/2/2021 1:42:31 PM	78780.22	394760.43	39.78	-0.28	-0.31
Concrete	4	923	9/2/2021 1:42:33 PM	78780.11	394760.41	39.78	-0.56	-0.61
Concrete	2	972	9/2/2021 1:42:35 PM	78780.05	394760.40	39.78	-0.83	-0.09
Concrete	1	934	9/2/2021 1:42:37 PM	78779.95	394760.40	39.77	-0.97	-0.49
Concrete	13	882	9/2/2021 1:42:39 PM	78779.85	394760.38	39.75	0.69	-1.04
Concrete	19	995	9/2/2021 1:42:41 PM	78779.72	394760.34	39.76	1.53	0.15
Concrete	12	1027	9/2/2021 1:42:43 PM	78779.57	394760.32	39.77	0.56	0.48
Concrete	8	957	9/2/2021 1:42:45 PM	78779.47	394760.32	39.78	0.00	-0.25
Concrete	5	932	9/2/2021 1:42:47 PM	78779.32	394760.21	39.78	-0.42	-0.51
Concrete	3	956	9/2/2021 1:42:49 PM	78779.16	394760.00	39.81	-0.69	-0.26
Concrete	2	842	9/2/2021 1:42:51 PM	78779.03	394759.81	39.86	-0.83	-1.46
Concrete	1	966	9/2/2021 1:42:53 PM	78778.93	394759.72	39.86	-0.97	-0.16
Concrete	1	984	9/2/2021 1:42:55 PM	78778.79	394759.58	39.88	-0.97	0.03
Concrete	0	1003	9/2/2021 1:42:57 PM	78778.99	394759.34	39.87	-1.11	0.23
Concrete	0	1006	9/2/2021 1:42:59 PM	78779.27	394759.46	39.84	-1.11	0.26
Concrete	0	951	9/2/2021 1:43:01 PM	78779.32	394759.80	39.91	-1.11	-0.31
Concrete	0	846	9/2/2021 1:43:03 PM	78779.49	394759.86	39.95	-1.11	-1.41
Concrete	0	959	9/2/2021 1:43:05 PM	78779.56	394759.83	39.96	-1.11	-0.23
Concrete	12	937	9/2/2021 1:43:07 PM	78779.74	394759.86	39.99	0.56	-0.46
Concrete	8	993	9/2/2021 1:43:09 PM	78779.83	394759.86	40.01	0.00	0.13
Concrete	5	935	9/2/2021 1:43:11 PM	78779.93	394759.85	40.05	-0.42	-0.48
Concrete	22	883	9/2/2021 1:43:13 PM	78780.01	394759.87	40.05	1.94	-1.03
Concrete	25	932	9/2/2021 1:43:15 PM	78780.03	394759.87	40.04	2.36	-0.51
Concrete	16	973	9/2/2021 1:43:17 PM	78780.11	394759.87	40.03	1.11	-0.08
Concrete	21	859	9/2/2021 1:43:19 PM	78780.23	394759.87	40.02	1.81	-1.28

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Concrete	14	945	9/2/2021 1:43:21 PM	78780.34	394759.88	40.02	0.83	-0.38
Concrete	9	962	9/2/2021 1:43:23 PM	78780.42	394759.89	40.02	0.14	-0.20
Concrete	6	944	9/2/2021 1:43:25 PM	78780.53	394759.91	40.02	-0.28	-0.39
Concrete	4	953	9/2/2021 1:43:27 PM	78780.66	394759.93	40.03	-0.56	-0.29
Concrete	2	1009	9/2/2021 1:43:29 PM	78780.77	394759.97	40.04	-0.83	0.29
Concrete	22	1065	9/2/2021 1:43:31 PM	78780.89	394759.98	40.03	1.94	0.88
Concrete	14	1008	9/2/2021 1:43:33 PM	78781.00	394759.98	40.03	0.83	0.28
Concrete	9	1005	9/2/2021 1:43:35 PM	78781.14	394760.03	40.01	0.14	0.25
Concrete	6	1039	9/2/2021 1:43:37 PM	78781.19	394760.04	40.00	-0.28	0.61
Concrete	4	1064	9/2/2021 1:43:39 PM	78781.29	394760.04	39.99	-0.56	0.87
Concrete	2	1045	9/2/2021 1:43:41 PM	78781.39	394760.05	39.97	-0.83	0.67
Concrete	1	910	9/2/2021 1:43:43 PM	78781.49	394760.07	39.95	-0.97	-0.74
Concrete	11	902	9/2/2021 1:43:45 PM	78781.58	394760.10	39.93	0.42	-0.83
Concrete	7	931	9/2/2021 1:43:47 PM	78781.60	394760.09	39.91	-0.14	-0.52
Concrete	15	865	9/2/2021 1:43:49 PM	78781.67	394760.09	39.90	0.97	-1.21
Concrete	10	1023	9/2/2021 1:43:51 PM	78781.79	394760.13	39.87	0.28	0.44
Concrete	16	1004	9/2/2021 1:43:53 PM	78781.89	394760.12	39.86	1.11	0.24
Concrete	10	990	9/2/2021 1:43:55 PM	78782.02	394760.12	39.86	0.28	0.09
Concrete	7	961	9/2/2021 1:43:57 PM	78782.14	394760.14	39.85	-0.14	-0.21
Concrete	16	947	9/2/2021 1:43:59 PM	78782.19	394760.14	39.83	1.11	-0.36
Concrete	32	1008	9/2/2021 1:44:01 PM	78782.35	394760.18	39.80	3.33	0.28
Concrete	31	880	9/2/2021 1:44:03 PM	78782.48	394760.18	39.76	3.19	-1.06
Concrete	20	848	9/2/2021 1:44:05 PM	78782.60	394760.20	39.75	1.67	-1.39
Concrete	13	854	9/2/2021 1:44:07 PM	78782.66	394760.21	39.73	0.69	-1.33
Concrete	17	869	9/2/2021 1:44:09 PM	78782.80	394760.24	39.72	1.25	-1.17
Concrete	11	880	9/2/2021 1:44:11 PM	78782.96	394760.27	39.68	0.42	-1.06
Concrete	7	880	9/2/2021 1:44:13 PM	78783.12	394760.29	39.67	-0.14	-1.06
Concrete	5	887	9/2/2021 1:44:15 PM	78783.18	394760.31	39.63	-0.42	-0.98
Concrete	3	842	9/2/2021 1:44:17 PM	78783.29	394760.32	39.64	-0.69	-1.46
Concrete	2	989	9/2/2021 1:44:19 PM	78783.52	394760.33	39.58	-0.83	0.08
Concrete	1	915	9/2/2021 1:44:21 PM	78783.61	394760.36	39.59	-0.97	-0.69
Concrete	0	915	9/2/2021 1:44:23 PM	78783.74	394760.37	39.55	-1.11	-0.69
Concrete	0	964	9/2/2021 1:44:25 PM	78783.94	394760.39	39.51	-1.11	-0.18
Concrete	0	978	9/2/2021 1:44:27 PM	78784.10	394760.40	39.49	-1.11	-0.03
Concrete	9	921	9/2/2021 1:44:29 PM	78784.19	394760.41	39.44	0.14	-0.63
Concrete	6	954	9/2/2021 1:44:31 PM	78784.37	394760.47	39.41	-0.28	-0.28
Concrete	3	978	9/2/2021 1:44:33 PM	78784.53	394760.49	39.39	-0.69	-0.03
Concrete	2	929	9/2/2021 1:44:35 PM	78784.69	394760.53	39.36	-0.83	-0.54
Concrete	11	899	9/2/2021 1:44:37 PM	78784.79	394760.51	39.34	0.42	-0.86
Concrete	7	1017	9/2/2021 1:44:39 PM	78784.85	394760.52	39.32	-0.14	0.38
Concrete	4	942	9/2/2021 1:44:41 PM	78785.03	394760.54	39.31	-0.56	-0.41
Concrete	3	891	9/2/2021 1:44:43 PM	78785.14	394760.56	39.31	-0.69	-0.94
Concrete	2	946	9/2/2021 1:44:45 PM	78785.27	394760.58	39.29	-0.83	-0.37
Concrete	1	950	9/2/2021 1:44:47 PM	78785.45	394760.61	39.29	-0.97	-0.32
Concrete	0	881	9/2/2021 1:44:49 PM	78785.61	394760.61	39.30	-1.11	-1.05
Concrete	0	855	9/2/2021 1:44:51 PM	78785.74	394760.62	39.28	-1.11	-1.32
Concrete	0	882	9/2/2021 1:44:53 PM	78785.87	394760.64	39.30	-1.11	-1.04
Concrete	0	880	9/2/2021 1:44:55 PM	78785.95	394760.52	39.32	-1.11	-1.06
Concrete	0	898	9/2/2021 1:44:57 PM	78786.09	394760.36	39.35	-1.11	-0.87
Concrete	0	956	9/2/2021 1:44:59 PM	78786.18	394760.08	39.39	-1.11	-0.26
Concrete	11	941	9/2/2021 1:45:01 PM	78785.79	394759.90	39.44	0.42	-0.42
Concrete	7	1080	9/2/2021 1:45:03 PM	78785.28	394760.12	39.39	-0.14	1.04
Concrete	4	1070	9/2/2021 1:45:05 PM	78785.07	394760.11	39.39	-0.56	0.93
Concrete	3	1046	9/2/2021 1:45:07 PM	78784.95	394760.09	39.36	-0.69	0.68
Concrete	2	1020	9/2/2021 1:45:09 PM	78784.87	394760.10	39.36	-0.83	0.41
Concrete	1	1012	9/2/2021 1:45:11 PM	78784.74	394760.10	39.34	-0.97	0.32
Concrete	0	959	9/2/2021 1:45:13 PM	78784.64	394760.09	39.32	-1.11	-0.23
Concrete	12	892	9/2/2021 1:45:15 PM	78784.62	394760.10	39.31	0.56	-0.93
Concrete	8	955	9/2/2021 1:45:17 PM	78784.53	394760.08	39.30	0.00	-0.27
Concrete	15	1017	9/2/2021 1:45:19 PM	78784.36	394760.06	39.31	0.97	0.38
Concrete	10	1002	9/2/2021 1:45:21 PM	78784.19	394760.04	39.32	0.28	0.22
Concrete	6	1038	9/2/2021 1:45:23 PM	78784.05	394760.02	39.33	-0.28	0.60

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Concrete	27	980	9/2/2021 1:45:25 PM	78783.93	394760.02	39.35	2.64	-0.01
Concrete	17	875	9/2/2021 1:45:27 PM	78783.83	394760.00	39.39	1.25	-1.11
Concrete	11	817	9/2/2021 1:45:29 PM	78783.74	394760.00	39.41	0.42	-1.72
Concrete	7	932	9/2/2021 1:45:31 PM	78783.68	394759.98	39.45	-0.14	-0.51
Concrete	5	975	9/2/2021 1:45:33 PM	78783.59	394759.95	39.50	-0.42	-0.06
Concrete	12	1008	9/2/2021 1:45:35 PM	78783.52	394759.91	39.53	0.56	0.28
Concrete	7	866	9/2/2021 1:45:37 PM	78783.34	394759.88	39.60	-0.14	-1.20
Concrete	5	856	9/2/2021 1:45:39 PM	78783.24	394759.87	39.55	-0.42	-1.31
Concrete	3	839	9/2/2021 1:45:41 PM	78783.13	394759.85	39.56	-0.69	-1.49
Concrete	2	979	9/2/2021 1:45:43 PM	78782.99	394759.83	39.57	-0.83	-0.02
Concrete	10	1057	9/2/2021 1:45:45 PM	78782.86	394759.82	39.57	0.28	0.80
Concrete	18	975	9/2/2021 1:45:47 PM	78782.75	394759.81	39.58	1.39	-0.06
Concrete	12	853	9/2/2021 1:45:49 PM	78782.62	394759.80	39.60	0.56	-1.34
Concrete	20	948	9/2/2021 1:45:51 PM	78782.48	394759.79	39.60	1.67	-0.35
Concrete	25	967	9/2/2021 1:45:53 PM	78782.38	394759.77	39.62	2.36	-0.15
Concrete	16	1024	9/2/2021 1:45:55 PM	78782.19	394759.79	39.62	1.11	0.45
Concrete	11	1006	9/2/2021 1:45:57 PM	78782.09	394759.76	39.62	0.42	0.26
Concrete	7	1016	9/2/2021 1:45:59 PM	78781.91	394759.75	39.62	-0.14	0.37
Concrete	4	1004	9/2/2021 1:46:01 PM	78781.76	394759.73	39.62	-0.56	0.24
Concrete	3	901	9/2/2021 1:46:03 PM	78781.62	394759.74	39.62	-0.69	-0.84
Concrete	2	906	9/2/2021 1:46:05 PM	78781.49	394759.73	39.62	-0.83	-0.79
Concrete	13	1070	9/2/2021 1:46:07 PM	78781.35	394759.72	39.64	0.69	0.93
Concrete	8	1023	9/2/2021 1:46:09 PM	78781.20	394759.71	39.65	0.00	0.44
Concrete	5	980	9/2/2021 1:46:11 PM	78781.13	394759.70	39.66	-0.42	-0.01
Concrete	3	1108	9/2/2021 1:46:13 PM	78780.98	394759.68	39.69	-0.69	1.33
Concrete	2	973	9/2/2021 1:46:15 PM	78780.86	394759.67	39.68	-0.83	-0.08
Concrete	1	884	9/2/2021 1:46:17 PM	78780.72	394759.66	39.69	-0.97	-1.02
Concrete	1	1006	9/2/2021 1:46:19 PM	78780.54	394759.64	39.69	-0.97	0.26
Concrete	0	1087	9/2/2021 1:46:21 PM	78780.41	394759.62	39.68	-1.11	1.11
Concrete	0	1074	9/2/2021 1:46:23 PM	78780.26	394759.60	39.70	-1.11	0.97
Concrete	11	1187	9/2/2021 1:46:25 PM	78780.11	394759.60	39.72	0.42	2.16
Concrete	7	1048	9/2/2021 1:46:27 PM	78779.95	394759.59	39.69	-0.14	0.70
Concrete	4	1002	9/2/2021 1:46:29 PM	78779.82	394759.56	39.66	-0.56	0.22
Concrete	3	939	9/2/2021 1:46:31 PM	78779.71	394759.55	39.64	-0.69	-0.44
Concrete	12	1017	9/2/2021 1:46:33 PM	78779.62	394759.53	39.62	0.56	0.38
Concrete	8	952	9/2/2021 1:46:35 PM	78779.55	394759.51	39.62	0.00	-0.30
Concrete	5	957	9/2/2021 1:46:37 PM	78779.41	394759.49	39.63	-0.42	-0.25
Concrete	3	988	9/2/2021 1:46:39 PM	78779.29	394759.46	39.62	-0.69	0.07
Concrete	2	968	9/2/2021 1:46:41 PM	78779.23	394759.45	39.63	-0.83	-0.14
Concrete	1	930	9/2/2021 1:46:43 PM	78779.10	394759.44	39.64	-0.97	-0.53
Concrete	1	922	9/2/2021 1:46:45 PM	78778.95	394759.43	39.63	-0.97	-0.62
Concrete	0	949	9/2/2021 1:46:47 PM	78778.84	394759.43	39.64	-1.11	-0.34
Concrete	12	811	9/2/2021 1:46:49 PM	78778.74	394759.40	39.65	0.56	-1.78
Concrete	8	783	9/2/2021 1:46:51 PM	78778.61	394759.38	39.65	0.00	-2.07
Concrete	5	908	9/2/2021 1:46:53 PM	78778.47	394759.32	39.66	-0.42	-0.76
Concrete	13	882	9/2/2021 1:46:55 PM	78778.40	394759.10	39.70	0.69	-1.04
Concrete	18	882	9/2/2021 1:46:57 PM	78778.22	394758.88	39.73	1.39	-1.04
Concrete	12	976	9/2/2021 1:46:59 PM	78778.17	394758.70	39.77	0.56	-0.05
Concrete	7	1044	9/2/2021 1:47:01 PM	78778.47	394758.48	39.79	-0.14	0.66
Concrete	14	1019	9/2/2021 1:47:03 PM	78778.63	394758.62	39.81	0.83	0.40
Concrete	9	966	9/2/2021 1:47:05 PM	78778.71	394758.93	39.88	0.14	-0.16
Concrete	6	988	9/2/2021 1:47:07 PM	78778.88	394758.96	39.89	-0.28	0.07
Concrete	3	1042	9/2/2021 1:47:09 PM	78779.01	394758.96	39.90	-0.69	0.64
Concrete	2	978	9/2/2021 1:47:11 PM	78779.17	394758.98	39.93	-0.83	-0.03
Concrete	1	893	9/2/2021 1:47:13 PM	78779.23	394758.98	39.92	-0.97	-0.92
Concrete	1	933	9/2/2021 1:47:15 PM	78779.39	394758.98	39.91	-0.97	-0.50
Concrete	0	915	9/2/2021 1:47:17 PM	78779.53	394759.00	39.92	-1.11	-0.69
Concrete	0	1016	9/2/2021 1:47:19 PM	78779.64	394759.04	39.89	-1.11	0.37
Concrete	0	1117	9/2/2021 1:47:21 PM	78779.74	394759.06	39.87	-1.11	1.42
Concrete	10	1091	9/2/2021 1:47:23 PM	78779.84	394759.06	39.88	0.28	1.15
Concrete	17	1112	9/2/2021 1:47:25 PM	78779.97	394759.08	39.89	1.25	1.37
Concrete	21	1049	9/2/2021 1:47:27 PM	78780.13	394759.12	39.88	1.81	0.71

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Concrete	14	956	9/2/2021 1:47:29 PM	78780.25	394759.15	39.86	0.83	-0.26
Concrete	9	967	9/2/2021 1:47:31 PM	78780.38	394759.16	39.83	0.14	-0.15
Concrete	6	1042	9/2/2021 1:47:33 PM	78780.50	394759.18	39.82	-0.28	0.64
Concrete	3	1049	9/2/2021 1:47:35 PM	78780.63	394759.14	39.81	-0.69	0.71
Concrete	2	1087	9/2/2021 1:47:37 PM	78780.76	394759.17	39.80	-0.83	1.11
Concrete	10	1083	9/2/2021 1:47:39 PM	78780.90	394759.18	39.79	0.28	1.07
Concrete	17	1068	9/2/2021 1:47:41 PM	78781.02	394759.19	39.80	1.25	0.91
Concrete	11	977	9/2/2021 1:47:43 PM	78781.10	394759.20	39.79	0.42	-0.04
Concrete	17	1010	9/2/2021 1:47:45 PM	78781.27	394759.19	39.78	1.25	0.30
Concrete	11	1069	9/2/2021 1:47:47 PM	78781.43	394759.18	39.80	0.42	0.92
Concrete	7	1135	9/2/2021 1:47:49 PM	78781.56	394759.22	39.80	-0.14	1.61
Concrete	4	1048	9/2/2021 1:47:51 PM	78781.72	394759.21	39.82	-0.56	0.70
Concrete	3	921	9/2/2021 1:47:53 PM	78781.90	394759.22	39.84	-0.69	-0.63
Concrete	2	981	9/2/2021 1:47:55 PM	78782.00	394759.24	39.84	-0.83	0.00
Concrete	22	958	9/2/2021 1:47:57 PM	78782.15	394759.26	39.84	1.94	-0.24
Concrete	14	904	9/2/2021 1:47:59 PM	78782.35	394759.28	39.84	0.83	-0.81
Concrete	21	952	9/2/2021 1:48:01 PM	78782.43	394759.30	39.85	1.81	-0.30
Concrete	14	933	9/2/2021 1:48:03 PM	78782.43	394759.30	39.85	0.83	-0.50
Concrete	9	1012	9/2/2021 1:48:05 PM	78782.42	394759.30	39.86	0.14	0.32
Concrete	6	993	9/2/2021 1:48:07 PM	78782.42	394759.30	39.87	-0.28	0.13
Concrete	4	874	9/2/2021 1:48:09 PM	78782.49	394759.33	39.88	-0.56	-1.12
Concrete	2	868	9/2/2021 1:48:11 PM	78782.71	394759.35	39.90	-0.83	-1.18
Concrete	1	882	9/2/2021 1:48:13 PM	78782.80	394759.37	39.91	-0.97	-1.04
Concrete	1	872	9/2/2021 1:48:15 PM	78782.99	394759.41	39.91	-0.97	-1.14
Concrete	0	885	9/2/2021 1:48:17 PM	78783.21	394759.42	39.92	-1.11	-1.01
Concrete	0	880	9/2/2021 1:48:19 PM	78783.31	394759.45	39.93	-1.11	-1.06
Concrete	0	963	9/2/2021 1:48:21 PM	78783.46	394759.46	39.94	-1.11	-0.19
Concrete	0	1085	9/2/2021 1:48:23 PM	78783.61	394759.47	39.95	-1.11	1.09
Concrete	0	1016	9/2/2021 1:48:25 PM	78783.70	394759.48	39.95	-1.11	0.37
Concrete	12	911	9/2/2021 1:48:27 PM	78783.90	394759.46	39.94	0.56	-0.73
Concrete	8	814	9/2/2021 1:48:29 PM	78784.12	394759.53	39.91	0.00	-1.75
Concrete	5	881	9/2/2021 1:48:31 PM	78784.33	394759.52	39.90	-0.42	-1.05
Concrete	13	969	9/2/2021 1:48:33 PM	78784.45	394759.52	39.90	0.69	-0.13
Concrete	8	977	9/2/2021 1:48:35 PM	78784.59	394759.54	39.89	0.00	-0.04
Concrete	5	942	9/2/2021 1:48:37 PM	78784.69	394759.55	39.89	-0.42	-0.41
Concrete	3	857	9/2/2021 1:48:39 PM	78784.83	394759.55	39.88	-0.69	-1.30
Concrete	2	904	9/2/2021 1:48:41 PM	78784.96	394759.56	39.88	-0.83	-0.81
Concrete	1	836	9/2/2021 1:48:43 PM	78785.14	394759.58	39.88	-0.97	-1.52
Concrete	1	857	9/2/2021 1:48:45 PM	78785.24	394759.58	39.88	-0.97	-1.30
Concrete	0	893	9/2/2021 1:48:47 PM	78785.42	394759.60	39.88	-1.11	-0.92
Concrete	0	857	9/2/2021 1:48:49 PM	78785.57	394759.63	39.88	-1.11	-1.30
Concrete	9	862	9/2/2021 1:48:51 PM	78785.70	394759.63	39.88	0.14	-1.25
Concrete	6	922	9/2/2021 1:48:53 PM	78785.83	394759.64	39.87	-0.28	-0.62
Concrete	3	951	9/2/2021 1:48:55 PM	78785.97	394759.66	39.86	-0.69	-0.31
Concrete	2	942	9/2/2021 1:48:57 PM	78786.12	394759.67	39.88	-0.83	-0.41
Concrete	10	1043	9/2/2021 1:48:59 PM	78786.32	394759.69	39.88	0.28	0.65
Concrete	7	942	9/2/2021 1:49:01 PM	78786.47	394759.70	39.88	-0.14	-0.41
Concrete	14	903	9/2/2021 1:49:03 PM	78786.67	394759.71	39.89	0.83	-0.82
Concrete	9	964	9/2/2021 1:49:05 PM	78786.83	394759.72	39.89	0.14	-0.18
Concrete	6	933	9/2/2021 1:49:07 PM	78786.99	394759.72	39.88	-0.28	-0.50
Concrete	4	891	9/2/2021 1:49:09 PM	78787.13	394759.65	39.89	-0.56	-0.94
Concrete	2	861	9/2/2021 1:49:11 PM	78787.21	394759.41	39.90	-0.83	-1.26
Concrete	1	870	9/2/2021 1:49:13 PM	78786.98	394759.12	39.92	-0.97	-1.16
Concrete	1	881	9/2/2021 1:49:15 PM	78786.85	394759.06	39.95	-0.97	-1.05
Concrete	0	936	9/2/2021 1:49:17 PM	78787.21	394759.20	40.00	-1.11	-0.47
Concrete	0	892	9/2/2021 1:49:19 PM	78787.49	394759.11	40.02	-1.11	-0.93
Concrete	0	970	9/2/2021 1:49:21 PM	78787.64	394759.00	40.04	-1.11	-0.12
Concrete	0	1161	9/2/2021 1:49:23 PM	78787.60	394759.03	40.07	-1.11	1.88
Concrete	0	1040	9/2/2021 1:49:25 PM	78787.43	394759.14	40.10	-1.11	0.62
Concrete	0	1042	9/2/2021 1:49:27 PM	78787.23	394759.16	40.15	-1.11	0.64
Concrete	0	1001	9/2/2021 1:49:29 PM	78786.79	394759.10	40.10	-1.11	0.21
Concrete	0	1063	9/2/2021 1:49:31 PM	78786.62	394759.12	40.13	-1.11	0.86

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Concrete	10	1142	9/2/2021 1:49:33 PM	78786.45	394759.14	40.16	0.28	1.69
Concrete	6	922	9/2/2021 1:49:35 PM	78786.27	394759.10	40.18	-0.28	-0.62
Concrete	16	966	9/2/2021 1:49:37 PM	78786.05	394759.08	40.18	1.11	-0.16
Concrete	10	903	9/2/2021 1:49:39 PM	78785.88	394759.05	40.17	0.28	-0.82
Concrete	16	883	9/2/2021 1:49:41 PM	78785.71	394759.03	40.16	1.11	-1.03
Concrete	11	896	9/2/2021 1:49:43 PM	78785.55	394759.01	40.15	0.42	-0.89
Concrete	19	927	9/2/2021 1:49:45 PM	78785.45	394759.00	40.14	1.53	-0.57
Concrete	22	835	9/2/2021 1:49:47 PM	78785.28	394758.99	40.11	1.94	-1.53
Concrete	14	785	9/2/2021 1:49:49 PM	78785.12	394758.97	40.09	0.83	-2.05
Concrete	20	734	9/2/2021 1:49:51 PM	78785.00	394758.95	40.07	1.67	-2.59
Concrete	13	813	9/2/2021 1:49:53 PM	78784.83	394758.92	40.07	0.69	-1.76
Concrete	8	927	9/2/2021 1:49:55 PM	78784.66	394758.93	40.05	0.00	-0.57
Concrete	15	961	9/2/2021 1:49:57 PM	78784.52	394758.92	40.04	0.97	-0.21
Concrete	10	937	9/2/2021 1:49:59 PM	78784.35	394758.91	40.05	0.28	-0.46
Concrete	6	1044	9/2/2021 1:50:01 PM	78784.23	394758.88	40.05	-0.28	0.66
Concrete	4	1018	9/2/2021 1:50:03 PM	78784.04	394758.86	40.04	-0.56	0.39
Concrete	13	928	9/2/2021 1:50:05 PM	78783.87	394758.84	40.04	0.69	-0.55
Concrete	9	851	9/2/2021 1:50:07 PM	78783.71	394758.83	40.03	0.14	-1.36
Concrete	6	924	9/2/2021 1:50:09 PM	78783.58	394758.82	40.04	-0.28	-0.60
Concrete	3	984	9/2/2021 1:50:11 PM	78783.32	394758.82	40.01	-0.69	0.03
Concrete	12	906	9/2/2021 1:50:13 PM	78783.11	394758.79	40.03	0.56	-0.79
Concrete	8	1023	9/2/2021 1:50:15 PM	78782.94	394758.76	40.06	0.00	0.44
Concrete	5	1068	9/2/2021 1:50:17 PM	78782.90	394758.73	40.07	-0.42	0.91
Concrete	3	1179	9/2/2021 1:50:19 PM	78782.83	394758.70	40.09	-0.69	2.07
Concrete	13	998	9/2/2021 1:50:21 PM	78782.71	394758.70	40.08	0.69	0.18
Concrete	8	993	9/2/2021 1:50:23 PM	78782.61	394758.74	40.07	0.00	0.13
Concrete	5	985	9/2/2021 1:50:25 PM	78782.46	394758.69	40.07	-0.42	0.04
Concrete	12	937	9/2/2021 1:50:27 PM	78782.32	394758.69	40.08	0.56	-0.46
Concrete	8	976	9/2/2021 1:50:29 PM	78782.17	394758.71	40.09	0.00	-0.05
Concrete	5	966	9/2/2021 1:50:31 PM	78782.08	394758.70	40.10	-0.42	-0.16
Concrete	12	963	9/2/2021 1:50:33 PM	78781.98	394758.68	40.09	0.56	-0.19
Concrete	8	912	9/2/2021 1:50:35 PM	78781.82	394758.68	40.09	0.00	-0.72
Concrete	26	949	9/2/2021 1:50:37 PM	78781.65	394758.67	40.08	2.50	-0.34
Concrete	17	1028	9/2/2021 1:50:39 PM	78781.47	394758.64	40.08	1.25	0.49
Concrete	11	1021	9/2/2021 1:50:41 PM	78781.33	394758.65	40.09	0.42	0.42
Concrete	7	1032	9/2/2021 1:50:43 PM	78781.21	394758.63	40.09	-0.14	0.53
Concrete	5	1019	9/2/2021 1:50:45 PM	78781.08	394758.61	40.08	-0.42	0.40
Concrete	3	999	9/2/2021 1:50:47 PM	78780.98	394758.61	40.08	-0.69	0.19
Concrete	12	1051	9/2/2021 1:50:49 PM	78780.77	394758.62	40.06	0.56	0.73
Concrete	18	967	9/2/2021 1:50:51 PM	78780.60	394758.59	40.05	1.39	-0.15
Concrete	11	906	9/2/2021 1:50:53 PM	78780.44	394758.56	40.07	0.42	-0.79
Concrete	7	854	9/2/2021 1:50:55 PM	78780.28	394758.56	40.07	-0.14	-1.33
Concrete	15	890	9/2/2021 1:50:57 PM	78780.14	394758.55	40.05	0.97	-0.95
Concrete	10	959	9/2/2021 1:50:59 PM	78779.99	394758.51	40.07	0.28	-0.23
Concrete	7	969	9/2/2021 1:51:01 PM	78779.81	394758.51	40.06	-0.14	-0.13
Concrete	4	1016	9/2/2021 1:51:03 PM	78779.68	394758.49	40.05	-0.56	0.37
Concrete	3	967	9/2/2021 1:51:05 PM	78779.55	394758.50	40.03	-0.69	-0.15
Concrete	2	897	9/2/2021 1:51:07 PM	78779.43	394758.47	40.02	-0.83	-0.88
Concrete	1	980	9/2/2021 1:51:09 PM	78779.31	394758.43	40.02	-0.97	-0.01
Concrete	0	935	9/2/2021 1:51:11 PM	78779.15	394758.44	40.02	-1.11	-0.48
Concrete	0	997	9/2/2021 1:51:13 PM	78779.01	394758.44	40.01	-1.11	0.17
Concrete	0	900	9/2/2021 1:51:15 PM	78778.88	394758.42	39.99	-1.11	-0.85
Concrete	9	932	9/2/2021 1:51:17 PM	78778.69	394758.41	39.98	0.14	-0.51
Concrete	6	929	9/2/2021 1:51:19 PM	78778.61	394758.40	39.97	-0.28	-0.54
Concrete	3	950	9/2/2021 1:51:21 PM	78778.48	394758.36	39.98	-0.69	-0.32
Concrete	2	913	9/2/2021 1:51:23 PM	78778.31	394758.36	39.98	-0.83	-0.71
Concrete	1	910	9/2/2021 1:51:25 PM	78778.18	394758.36	39.96	-0.97	-0.74
Concrete	1	1092	9/2/2021 1:51:27 PM	78778.06	394758.34	39.95	-0.97	1.16
Concrete	0	1042	9/2/2021 1:51:29 PM	78777.92	394758.28	39.97	-1.11	0.64
Concrete	9	1065	9/2/2021 1:51:31 PM	78777.75	394758.25	39.98	0.14	0.88
Concrete	6	1071	9/2/2021 1:51:33 PM	78777.59	394758.22	39.99	-0.28	0.94
Concrete	12	1094	9/2/2021 1:51:35 PM	78777.48	394758.03	40.05	0.56	1.18

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Concrete	8	1090	9/2/2021 1:51:37 PM	78777.35	394757.77	40.09	0.00	1.14
Concrete	5	1082	9/2/2021 1:51:39 PM	78777.36	394757.59	40.11	-0.42	1.06
Concrete	3	975	9/2/2021 1:51:41 PM	78777.68	394757.51	40.18	-0.69	-0.06
Concrete	2	958	9/2/2021 1:51:43 PM	78777.84	394757.82	40.23	-0.83	-0.24
Concrete	1	915	9/2/2021 1:51:45 PM	78777.94	394757.88	40.19	-0.97	-0.69
Concrete	1	979	9/2/2021 1:51:47 PM	78778.04	394757.88	40.21	-0.97	-0.02
Concrete	0	1013	9/2/2021 1:51:49 PM	78778.20	394757.90	40.21	-1.11	0.34
Concrete	12	1102	9/2/2021 1:51:51 PM	78778.44	394757.93	40.22	0.56	1.27
Concrete	8	1141	9/2/2021 1:51:53 PM	78778.64	394757.94	40.21	0.00	1.68
Concrete	5	1124	9/2/2021 1:51:55 PM	78778.75	394757.94	40.22	-0.42	1.50
Concrete	25	1029	9/2/2021 1:51:57 PM	78778.96	394757.94	40.23	2.36	0.50
Concrete	27	1006	9/2/2021 1:51:59 PM	78779.15	394757.96	40.24	2.64	0.26
Concrete	18	1042	9/2/2021 1:52:01 PM	78779.34	394758.00	40.25	1.39	0.64
Concrete	21	986	9/2/2021 1:52:03 PM	78779.52	394758.03	40.25	1.81	0.05
Concrete	23	955	9/2/2021 1:52:05 PM	78779.65	394758.03	40.26	2.08	-0.27
Concrete	15	881	9/2/2021 1:52:07 PM	78779.83	394758.02	40.28	0.97	-1.05
Concrete	22	934	9/2/2021 1:52:09 PM	78779.97	394758.04	40.29	1.94	-0.49
Concrete	14	895	9/2/2021 1:52:11 PM	78780.10	394758.06	40.29	0.83	-0.90
Concrete	9	769	9/2/2021 1:52:13 PM	78780.26	394758.08	40.29	0.14	-2.22
Concrete	6	819	9/2/2021 1:52:15 PM	78780.40	394758.08	40.30	-0.28	-1.70
Concrete	4	792	9/2/2021 1:52:17 PM	78780.54	394758.07	40.30	-0.56	-1.98
Concrete	13	750	9/2/2021 1:52:19 PM	78780.61	394758.09	40.29	0.69	-2.42
Concrete	8	799	9/2/2021 1:52:21 PM	78780.66	394758.12	40.28	0.00	-1.91
Concrete	5	805	9/2/2021 1:52:23 PM	78780.72	394758.13	40.29	-0.42	-1.84
Concrete	3	810	9/2/2021 1:52:25 PM	78780.97	394758.14	40.31	-0.69	-1.79
Concrete	2	842	9/2/2021 1:52:27 PM	78781.17	394758.13	40.34	-0.83	-1.46
Concrete	1	870	9/2/2021 1:52:29 PM	78781.35	394758.12	40.35	-0.97	-1.16
Concrete	29	951	9/2/2021 1:52:31 PM	78781.49	394758.14	40.36	2.92	-0.31
Concrete	19	1056	9/2/2021 1:52:33 PM	78781.65	394758.15	40.37	1.53	0.79
Concrete	21	1127	9/2/2021 1:52:35 PM	78781.84	394758.20	40.36	1.81	1.53
Concrete	23	1203	9/2/2021 1:52:37 PM	78781.98	394758.25	40.34	2.08	2.32
Concrete	15	1102	9/2/2021 1:52:39 PM	78782.11	394758.25	40.34	0.97	1.27
Concrete	20	1041	9/2/2021 1:52:41 PM	78782.28	394758.27	40.33	1.67	0.63
Concrete	13	1060	9/2/2021 1:52:43 PM	78782.41	394758.28	40.33	0.69	0.83
Concrete	17	1006	9/2/2021 1:52:45 PM	78782.60	394758.27	40.33	1.25	0.26
Concrete	11	919	9/2/2021 1:52:47 PM	78782.74	394758.29	40.32	0.42	-0.65
Concrete	7	931	9/2/2021 1:52:49 PM	78782.90	394758.32	40.31	-0.14	-0.52
Concrete	14	923	9/2/2021 1:52:51 PM	78782.92	394758.33	40.32	0.83	-0.61
Concrete	9	975	9/2/2021 1:52:53 PM	78783.00	394758.34	40.38	0.14	-0.06
Concrete	16	906	9/2/2021 1:52:55 PM	78783.24	394758.38	40.36	1.11	-0.79
Concrete	10	897	9/2/2021 1:52:57 PM	78783.45	394758.41	40.34	0.28	-0.88
Concrete	7	865	9/2/2021 1:52:59 PM	78783.60	394758.43	40.34	-0.14	-1.21
Concrete	14	818	9/2/2021 1:53:01 PM	78783.84	394758.42	40.31	0.83	-1.71
Concrete	9	954	9/2/2021 1:53:03 PM	78784.03	394758.43	40.26	0.14	-0.28
Concrete	15	956	9/2/2021 1:53:05 PM	78784.23	394758.47	40.24	0.97	-0.26
Concrete	9	928	9/2/2021 1:53:07 PM	78784.37	394758.49	40.23	0.14	-0.55
Concrete	6	999	9/2/2021 1:53:09 PM	78784.54	394758.51	40.22	-0.28	0.19
Concrete	4	1013	9/2/2021 1:53:11 PM	78784.73	394758.53	40.21	-0.56	0.34
Concrete	2	930	9/2/2021 1:53:13 PM	78784.91	394758.54	40.20	-0.83	-0.53
Concrete	12	932	9/2/2021 1:53:15 PM	78785.11	394758.57	40.19	0.56	-0.51
Concrete	8	880	9/2/2021 1:53:17 PM	78785.32	394758.58	40.18	0.00	-1.06
Concrete	5	909	9/2/2021 1:53:19 PM	78785.49	394758.61	40.17	-0.42	-0.75
Concrete	15	935	9/2/2021 1:53:21 PM	78785.56	394758.61	40.17	0.97	-0.48
Concrete	10	959	9/2/2021 1:53:23 PM	78785.79	394758.60	40.16	0.28	-0.23
Concrete	6	902	9/2/2021 1:53:25 PM	78785.95	394758.61	40.14	-0.28	-0.83
Concrete	4	951	9/2/2021 1:53:27 PM	78786.11	394758.63	40.13	-0.56	-0.31
Concrete	3	1004	9/2/2021 1:53:29 PM	78786.29	394758.63	40.13	-0.69	0.24
Concrete	2	1004	9/2/2021 1:53:31 PM	78786.50	394758.63	40.13	-0.83	0.24
Concrete	1	932	9/2/2021 1:53:33 PM	78786.66	394758.70	40.15	-0.97	-0.51
Concrete	9	888	9/2/2021 1:53:35 PM	78786.85	394758.72	40.16	0.14	-0.97
Concrete	15	821	9/2/2021 1:53:37 PM	78787.04	394758.75	40.17	0.97	-1.68
Concrete	9	807	9/2/2021 1:53:39 PM	78787.26	394758.76	40.17	0.14	-1.82

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Concrete	6	812	9/2/2021 1:53:41 PM	78787.50	394758.81	40.18	-0.28	-1.77
Concrete	4	915	9/2/2021 1:53:43 PM	78787.67	394758.83	40.19	-0.56	-0.69
Concrete	2	917	9/2/2021 1:53:45 PM	78787.84	394758.80	40.18	-0.83	-0.67
Concrete	14	995	9/2/2021 1:53:47 PM	78787.99	394758.82	40.18	0.83	0.15
Concrete	18	888	9/2/2021 1:53:49 PM	78788.08	394758.63	40.14	1.39	-0.97
Concrete	11	1007	9/2/2021 1:53:51 PM	78788.22	394758.51	40.15	0.42	0.27
Concrete	7	1000	9/2/2021 1:53:53 PM	78788.31	394758.46	40.16	-0.14	0.20
Concrete	26	876	9/2/2021 1:53:55 PM	78788.50	394758.36	40.18	2.50	-1.10
Concrete	26	797	9/2/2021 1:53:57 PM	78788.59	394758.29	40.18	2.50	-1.93
Concrete	19	783	9/2/2021 1:53:59 PM	78788.35	394758.05	40.21	1.53	-2.07
Concrete	11	863	9/2/2021 1:54:01 PM	78788.05	394758.04	40.16	0.42	-1.24
Concrete	19	928	9/2/2021 1:54:03 PM	78787.81	394758.41	40.14	1.53	-0.55
Concrete	12	912	9/2/2021 1:54:05 PM	78787.65	394758.42	40.14	0.56	-0.72
Concrete	8	931	9/2/2021 1:54:07 PM	78787.53	394758.31	40.11	0.00	-0.52
Concrete	16	931	9/2/2021 1:54:09 PM	78787.27	394758.32	40.08	1.11	-0.52
Concrete	21	958	9/2/2021 1:54:11 PM	78787.05	394758.28	40.04	1.81	-0.24
Concrete	14	915	9/2/2021 1:54:13 PM	78786.80	394758.23	40.02	0.83	-0.69
Concrete	9	961	9/2/2021 1:54:15 PM	78786.53	394758.20	40.00	0.14	-0.21
Concrete	6	876	9/2/2021 1:54:17 PM	78786.37	394758.17	39.97	-0.28	-1.10
Concrete	4	1010	9/2/2021 1:54:19 PM	78786.18	394758.15	39.95	-0.56	0.30
Concrete	2	908	9/2/2021 1:54:21 PM	78785.99	394758.14	39.92	-0.83	-0.76
Concrete	1	940	9/2/2021 1:54:23 PM	78785.90	394758.14	39.92	-0.97	-0.43
Concrete	1	974	9/2/2021 1:54:25 PM	78785.73	394758.13	39.92	-0.97	-0.07
Concrete	0	922	9/2/2021 1:54:27 PM	78785.55	394758.13	39.89	-1.11	-0.62
Concrete	11	986	9/2/2021 1:54:29 PM	78785.40	394758.09	39.86	0.42	0.05
Concrete	7	966	9/2/2021 1:54:31 PM	78785.23	394758.07	39.85	-0.14	-0.16
Concrete	4	977	9/2/2021 1:54:33 PM	78785.02	394758.07	39.82	-0.56	-0.04
Concrete	14	967	9/2/2021 1:54:35 PM	78784.85	394758.06	39.81	0.83	-0.15
Concrete	9	936	9/2/2021 1:54:37 PM	78784.64	394758.06	39.81	0.14	-0.47
Concrete	18	973	9/2/2021 1:54:39 PM	78784.50	394758.05	39.81	1.39	-0.08
Concrete	20	906	9/2/2021 1:54:41 PM	78784.35	394758.03	39.81	1.67	-0.79
Concrete	13	835	9/2/2021 1:54:43 PM	78784.23	394758.00	39.80	0.69	-1.53
Concrete	8	922	9/2/2021 1:54:45 PM	78784.02	394757.99	39.78	0.00	-0.62
Concrete	5	882	9/2/2021 1:54:47 PM	78783.84	394757.97	39.78	-0.42	-1.04
Concrete	3	970	9/2/2021 1:54:49 PM	78783.74	394757.96	39.79	-0.69	-0.12
Concrete	2	912	9/2/2021 1:54:51 PM	78783.56	394757.95	39.81	-0.83	-0.72
Concrete	1	874	9/2/2021 1:54:53 PM	78783.51	394757.93	39.78	-0.97	-1.12
Concrete	1	798	9/2/2021 1:54:55 PM	78783.50	394757.94	39.79	-0.97	-1.92
Concrete	0	863	9/2/2021 1:54:57 PM	78783.41	394757.93	39.72	-1.11	-1.24
Concrete	10	874	9/2/2021 1:54:59 PM	78783.32	394757.90	39.67	0.28	-1.12
Concrete	27	879	9/2/2021 1:55:01 PM	78783.16	394757.85	39.64	2.64	-1.07
Concrete	18	935	9/2/2021 1:55:03 PM	78782.93	394757.86	39.63	1.39	-0.48
Concrete	11	881	9/2/2021 1:55:05 PM	78782.87	394757.80	39.63	0.42	-1.05
Concrete	7	841	9/2/2021 1:55:07 PM	78782.64	394757.79	39.61	-0.14	-1.47
Concrete	5	972	9/2/2021 1:55:09 PM	78782.47	394757.76	39.57	-0.42	-0.09
Concrete	14	986	9/2/2021 1:55:11 PM	78782.26	394757.75	39.53	0.83	0.05
Concrete	18	1034	9/2/2021 1:55:13 PM	78782.07	394757.71	39.50	1.39	0.55
Concrete	11	983	9/2/2021 1:55:15 PM	78781.84	394757.70	39.47	0.42	0.02
Concrete	7	856	9/2/2021 1:55:17 PM	78781.66	394757.67	39.45	-0.14	-1.31
Concrete	5	882	9/2/2021 1:55:19 PM	78781.45	394757.65	39.43	-0.42	-1.04
Concrete	3	857	9/2/2021 1:55:21 PM	78781.25	394757.63	39.41	-0.69	-1.30
Concrete	2	828	9/2/2021 1:55:23 PM	78781.06	394757.63	39.38	-0.83	-1.60
Concrete	1	791	9/2/2021 1:55:25 PM	78780.97	394757.60	39.38	-0.97	-1.99
Concrete	11	831	9/2/2021 1:55:27 PM	78780.81	394757.59	39.42	0.42	-1.57
Concrete	17	823	9/2/2021 1:55:29 PM	78780.63	394757.61	39.38	1.25	-1.65
Concrete	22	905	9/2/2021 1:55:31 PM	78780.39	394757.58	39.36	1.94	-0.80
Concrete	34	953	9/2/2021 1:55:33 PM	78780.20	394757.57	39.37	3.61	-0.29
Concrete	22	879	9/2/2021 1:55:35 PM	78780.03	394757.56	39.41	1.94	-1.07
Concrete	23	810	9/2/2021 1:55:37 PM	78779.84	394757.54	39.47	2.08	-1.79
Concrete	15	829	9/2/2021 1:55:39 PM	78779.62	394757.53	39.53	0.97	-1.59
Concrete	31	928	9/2/2021 1:55:41 PM	78779.44	394757.53	39.56	3.19	-0.55
Concrete	21	861	9/2/2021 1:55:43 PM	78779.27	394757.52	39.59	1.81	-1.26

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Concrete	13	835	9/2/2021 1:55:45 PM	78779.12	394757.52	39.63	0.69	-1.53
Concrete	18	973	9/2/2021 1:55:47 PM	78778.96	394757.52	39.63	1.39	-0.08
Concrete	12	924	9/2/2021 1:55:49 PM	78778.80	394757.51	39.63	0.56	-0.60
Concrete	8	912	9/2/2021 1:55:51 PM	78778.59	394757.50	39.63	0.00	-0.72
Concrete	15	1064	9/2/2021 1:55:53 PM	78778.42	394757.51	39.59	0.97	0.87
Concrete	10	1039	9/2/2021 1:55:55 PM	78778.32	394757.51	39.55	0.28	0.61
Concrete	6	1011	9/2/2021 1:55:57 PM	78778.17	394757.50	39.50	-0.28	0.31
Concrete	4	1071	9/2/2021 1:55:59 PM	78778.01	394757.48	39.46	-0.56	0.94
Concrete	3	1081	9/2/2021 1:56:01 PM	78777.83	394757.49	39.44	-0.69	1.05
Concrete	11	1154	9/2/2021 1:56:03 PM	78777.64	394757.44	39.42	0.42	1.81
Concrete	7	1182	9/2/2021 1:56:05 PM	78777.47	394757.40	39.42	-0.14	2.10
Concrete	5	1170	9/2/2021 1:56:07 PM	78777.28	394757.37	39.42	-0.42	1.98
Concrete	3	1121	9/2/2021 1:56:09 PM	78777.11	394757.34	39.43	-0.69	1.47
Concrete	2	933	9/2/2021 1:56:11 PM	78776.97	394757.33	39.44	-0.83	-0.50
Concrete	11	957	9/2/2021 1:56:13 PM	78776.78	394757.15	39.50	0.42	-0.25
Concrete	7	1045	9/2/2021 1:56:15 PM	78776.59	394756.95	39.63	-0.14	0.67
Concrete	4	982	9/2/2021 1:56:17 PM	78776.49	394756.76	39.74	-0.56	0.01
Concrete	3	943	9/2/2021 1:56:19 PM	78776.40	394756.54	39.79	-0.69	-0.40
Concrete	2	970	9/2/2021 1:56:21 PM	78776.56	394756.50	39.89	-0.83	-0.12
Concrete	1	827	9/2/2021 1:56:23 PM	78776.83	394756.79	39.91	-0.97	-1.61
Concrete	0	802	9/2/2021 1:56:25 PM	78776.72	394756.92	39.98	-1.11	-1.87
Concrete	0	1003	9/2/2021 1:56:27 PM	78776.63	394756.93	40.00	-1.11	0.23
Concrete	12	970	9/2/2021 1:56:29 PM	78776.67	394756.95	40.07	0.56	-0.12
Concrete	8	975	9/2/2021 1:56:31 PM	78776.85	394756.91	40.11	0.00	-0.06
Concrete	5	1015	9/2/2021 1:56:33 PM	78776.95	394756.90	40.13	-0.42	0.36
Concrete	3	924	9/2/2021 1:56:35 PM	78777.16	394756.93	40.14	-0.69	-0.60
Concrete	2	864	9/2/2021 1:56:37 PM	78777.39	394756.96	40.17	-0.83	-1.23
Concrete	1	991	9/2/2021 1:56:39 PM	78777.62	394756.97	40.18	-0.97	0.10
Concrete	1	1102	9/2/2021 1:56:41 PM	78777.81	394756.98	40.19	-0.97	1.27
Concrete	10	1112	9/2/2021 1:56:43 PM	78777.92	394757.02	40.20	0.28	1.37
Concrete	7	1094	9/2/2021 1:56:45 PM	78778.04	394757.04	40.21	-0.14	1.18
Concrete	16	1014	9/2/2021 1:56:47 PM	78778.19	394757.04	40.22	1.11	0.35
Concrete	10	963	9/2/2021 1:56:49 PM	78778.31	394757.08	40.22	0.28	-0.19
Concrete	19	948	9/2/2021 1:56:51 PM	78778.49	394757.06	40.23	1.53	-0.35
Concrete	23	1045	9/2/2021 1:56:53 PM	78778.60	394757.08	40.23	2.08	0.67
Concrete	25	1027	9/2/2021 1:56:55 PM	78778.74	394757.07	40.24	2.36	0.48
Concrete	16	1050	9/2/2021 1:56:57 PM	78778.82	394757.08	40.23	1.11	0.72
Concrete	10	1086	9/2/2021 1:56:59 PM	78778.96	394757.11	40.23	0.28	1.10
Concrete	7	1080	9/2/2021 1:57:01 PM	78779.15	394757.13	40.23	-0.14	1.04
Concrete	4	957	9/2/2021 1:57:03 PM	78779.30	394757.15	40.24	-0.56	-0.25
Concrete	3	921	9/2/2021 1:57:05 PM	78779.46	394757.15	40.23	-0.69	-0.63
Concrete	2	937	9/2/2021 1:57:07 PM	78779.63	394757.16	40.23	-0.83	-0.46
Concrete	1	1020	9/2/2021 1:57:09 PM	78779.78	394757.18	40.21	-0.97	0.41
Concrete	0	892	9/2/2021 1:57:11 PM	78779.95	394757.18	40.20	-1.11	-0.93
Concrete	0	818	9/2/2021 1:57:13 PM	78780.08	394757.19	40.19	-1.11	-1.71
Concrete	0	850	9/2/2021 1:57:15 PM	78780.26	394757.22	40.18	-1.11	-1.37
Concrete	0	823	9/2/2021 1:57:17 PM	78780.42	394757.21	40.16	-1.11	-1.65
Concrete	0	808	9/2/2021 1:57:19 PM	78780.55	394757.22	40.16	-1.11	-1.81
Concrete	0	966	9/2/2021 1:57:21 PM	78780.71	394757.25	40.16	-1.11	-0.16
Concrete	12	955	9/2/2021 1:57:23 PM	78780.84	394757.26	40.16	0.56	-0.27
Concrete	8	890	9/2/2021 1:57:25 PM	78780.96	394757.28	40.16	0.00	-0.95
Concrete	5	894	9/2/2021 1:57:27 PM	78781.03	394757.30	40.17	-0.42	-0.91
Concrete	14	892	9/2/2021 1:57:29 PM	78781.11	394757.31	40.17	0.83	-0.93
Concrete	9	976	9/2/2021 1:57:31 PM	78781.24	394757.31	40.16	0.14	-0.05
Concrete	6	970	9/2/2021 1:57:33 PM	78781.37	394757.33	40.16	-0.28	-0.12
Concrete	4	853	9/2/2021 1:57:35 PM	78781.44	394757.35	40.17	-0.56	-1.34
Concrete	12	849	9/2/2021 1:57:37 PM	78781.48	394757.35	40.19	0.56	-1.38
Concrete	8	930	9/2/2021 1:57:39 PM	78781.72	394757.34	40.18	0.00	-0.53
Concrete	5	947	9/2/2021 1:57:41 PM	78781.93	394757.37	40.17	-0.42	-0.36
Concrete	3	934	9/2/2021 1:57:43 PM	78782.10	394757.37	40.17	-0.69	-0.49
Concrete	2	890	9/2/2021 1:57:45 PM	78782.24	394757.40	40.16	-0.83	-0.95
Concrete	10	825	9/2/2021 1:57:47 PM	78782.43	394757.43	40.15	0.28	-1.63

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Concrete	6	832	9/2/2021 1:57:49 PM	78782.61	394757.47	40.13	-0.28	-1.56
Concrete	4	913	9/2/2021 1:57:51 PM	78782.88	394757.47	40.09	-0.56	-0.71
Concrete	3	822	9/2/2021 1:57:53 PM	78783.06	394757.52	40.10	-0.69	-1.66
Concrete	2	1001	9/2/2021 1:57:55 PM	78783.23	394757.54	40.10	-0.83	0.21
Concrete	1	982	9/2/2021 1:57:57 PM	78783.37	394757.58	40.09	-0.97	0.01
Concrete	0	1007	9/2/2021 1:57:59 PM	78783.46	394757.59	40.09	-1.11	0.27
Concrete	0	949	9/2/2021 1:58:01 PM	78783.64	394757.59	40.11	-1.11	-0.34
Concrete	11	1002	9/2/2021 1:58:03 PM	78783.79	394757.59	40.06	0.42	0.22
Concrete	7	888	9/2/2021 1:58:05 PM	78783.95	394757.59	40.02	-0.14	-0.97
Concrete	13	1006	9/2/2021 1:58:07 PM	78784.20	394757.61	40.01	0.69	0.26
Concrete	9	1065	9/2/2021 1:58:09 PM	78784.40	394757.58	40.00	0.14	0.88
Concrete	6	1027	9/2/2021 1:58:11 PM	78784.69	394757.62	39.99	-0.28	0.48
Concrete	3	1030	9/2/2021 1:58:13 PM	78784.89	394757.64	39.99	-0.69	0.51
Concrete	2	1061	9/2/2021 1:58:15 PM	78785.08	394757.65	39.98	-0.83	0.84
Concrete	1	1001	9/2/2021 1:58:17 PM	78785.26	394757.68	39.97	-0.97	0.21
Concrete	1	915	9/2/2021 1:58:19 PM	78785.53	394757.68	39.97	-0.97	-0.69
Concrete	0	924	9/2/2021 1:58:21 PM	78785.73	394757.69	39.98	-1.11	-0.60
Concrete	0	953	9/2/2021 1:58:23 PM	78785.84	394757.71	39.98	-1.11	-0.29
Concrete	0	870	9/2/2021 1:58:25 PM	78785.94	394757.72	39.98	-1.11	-1.16
Concrete	10	897	9/2/2021 1:58:27 PM	78786.09	394757.73	39.98	0.28	-0.88
Concrete	17	848	9/2/2021 1:58:29 PM	78786.18	394757.73	39.98	1.25	-1.39
Concrete	11	860	9/2/2021 1:58:31 PM	78786.34	394757.74	39.98	0.42	-1.27
Concrete	7	868	9/2/2021 1:58:33 PM	78786.52	394757.76	39.98	-0.14	-1.18
Concrete	4	820	9/2/2021 1:58:35 PM	78786.65	394757.77	39.99	-0.56	-1.69
Concrete	3	938	9/2/2021 1:58:37 PM	78786.82	394757.78	40.00	-0.69	-0.45
Concrete	2	1012	9/2/2021 1:58:39 PM	78786.93	394757.78	40.01	-0.83	0.32
Concrete	1	1054	9/2/2021 1:58:41 PM	78787.01	394757.79	40.01	-0.97	0.76
Concrete	0	965	9/2/2021 1:58:43 PM	78787.13	394757.78	40.03	-1.11	-0.17
Concrete	0	858	9/2/2021 1:58:45 PM	78787.31	394757.79	40.03	-1.11	-1.29
Concrete	9	884	9/2/2021 1:58:47 PM	78787.43	394757.81	40.03	0.14	-1.02
Concrete	16	966	9/2/2021 1:58:49 PM	78787.57	394757.85	40.03	1.11	-0.16
Concrete	21	890	9/2/2021 1:58:51 PM	78787.76	394757.92	40.04	1.81	-0.95
Concrete	14	981	9/2/2021 1:58:53 PM	78787.98	394757.95	40.03	0.83	0.00
Concrete	9	1006	9/2/2021 1:58:55 PM	78788.16	394758.01	40.02	0.14	0.26
Concrete	6	877	9/2/2021 1:58:57 PM	78788.29	394758.00	40.02	-0.28	-1.09
Concrete	4	935	9/2/2021 1:58:59 PM	78788.41	394758.03	40.02	-0.56	-0.48
Concrete	2	910	9/2/2021 1:59:01 PM	78788.49	394758.05	40.02	-0.83	-0.74
Concrete	1	888	9/2/2021 1:59:03 PM	78788.65	394758.08	40.03	-0.97	-0.97
Concrete	1	974	9/2/2021 1:59:05 PM	78788.81	394758.04	40.04	-0.97	-0.07
Concrete	12	949	9/2/2021 1:59:07 PM	78788.99	394758.05	40.04	0.56	-0.34
Concrete	8	890	9/2/2021 1:59:09 PM	78788.90	394757.64	40.05	0.00	-0.95
Concrete	15	892	9/2/2021 1:59:11 PM	78788.69	394757.44	40.06	0.97	-0.93
Concrete	22	858	9/2/2021 1:59:13 PM	78788.26	394757.64	40.01	1.94	-1.29
Concrete	14	788	9/2/2021 1:59:15 PM	78788.05	394757.67	39.91	0.83	-2.02
Concrete	9	861	9/2/2021 1:59:17 PM	78787.76	394757.63	39.81	0.14	-1.26
Concrete	23	888	9/2/2021 1:59:19 PM	78787.45	394757.62	39.72	2.08	-0.97
Concrete	15	876	9/2/2021 1:59:21 PM	78787.24	394757.61	39.64	0.97	-1.10
Concrete	10	796	9/2/2021 1:59:23 PM	78786.97	394757.60	39.59	0.28	-1.94
Concrete	6	849	9/2/2021 1:59:25 PM	78786.77	394757.58	39.56	-0.28	-1.38
Concrete	13	814	9/2/2021 1:59:27 PM	78786.53	394757.57	39.54	0.69	-1.75
Concrete	8	839	9/2/2021 1:59:29 PM	78786.28	394757.55	39.52	0.00	-1.49
Concrete	16	921	9/2/2021 1:59:31 PM	78786.20	394757.55	39.52	1.11	-0.63
Concrete	22	929	9/2/2021 1:59:33 PM	78786.05	394757.53	39.50	1.94	-0.54
Concrete	15	1013	9/2/2021 1:59:35 PM	78785.91	394757.52	39.47	0.97	0.34
Concrete	9	867	9/2/2021 1:59:37 PM	78785.80	394757.54	39.45	0.14	-1.19
Concrete	6	771	9/2/2021 1:59:39 PM	78785.66	394757.49	39.41	-0.28	-2.20
Concrete	4	783	9/2/2021 1:59:41 PM	78785.54	394757.46	39.40	-0.56	-2.07
Concrete	2	808	9/2/2021 1:59:43 PM	78785.40	394757.45	39.40	-0.83	-1.81
Concrete	1	861	9/2/2021 1:59:45 PM	78785.25	394757.46	39.40	-0.97	-1.26
Concrete	1	951	9/2/2021 1:59:47 PM	78785.10	394757.46	39.41	-0.97	-0.31
Concrete	11	934	9/2/2021 1:59:49 PM	78784.99	394757.44	39.43	0.42	-0.49
Concrete	17	935	9/2/2021 1:59:51 PM	78784.84	394757.43	39.46	1.25	-0.48

SU 7A ALPHA-BETA SCAN DATA RESULTS

Concrete	11	1019	9/2/2021 1:59:53 PM	78784.70	394757.42	39.49	0.42	0.40
Concrete	7	989	9/2/2021 1:59:55 PM	78784.50	394757.39	39.49	-0.14	0.08
Concrete	4	912	9/2/2021 1:59:57 PM	78784.33	394757.35	39.51	-0.56	-0.72
Concrete	3	966	9/2/2021 1:59:59 PM	78784.15	394757.34	39.52	-0.69	-0.16
Concrete	2	901	9/2/2021 2:00:01 PM	78784.08	394757.34	39.52	-0.83	-0.84
Concrete	1	799	9/2/2021 2:00:03 PM	78783.91	394757.28	39.54	-0.97	-1.91
Concrete	0	860	9/2/2021 2:00:05 PM	78783.76	394757.22	39.55	-1.11	-1.27
Concrete	0	893	9/2/2021 2:00:07 PM	78783.61	394757.20	39.57	-1.11	-0.92
Concrete	0	842	9/2/2021 2:00:09 PM	78783.48	394757.19	39.59	-1.11	-1.46
Concrete	9	871	9/2/2021 2:00:11 PM	78783.34	394757.19	39.61	0.14	-1.15
Concrete	6	937	9/2/2021 2:00:13 PM	78783.17	394757.16	39.62	-0.28	-0.46
Concrete	3	948	9/2/2021 2:00:15 PM	78782.97	394757.13	39.62	-0.69	-0.35
Concrete	2	941	9/2/2021 2:00:17 PM	78782.75	394757.13	39.60	-0.83	-0.42
Concrete	1	890	9/2/2021 2:00:19 PM	78782.71	394757.13	39.60	-0.97	-0.95
Concrete	1	936	9/2/2021 2:00:21 PM	78782.48	394757.08	39.62	-0.97	-0.47
Concrete	0	1003	9/2/2021 2:00:23 PM	78782.30	394757.04	39.61	-1.11	0.23
Concrete	0	1068	9/2/2021 2:00:25 PM	78782.09	394757.00	39.60	-1.11	0.91
Concrete	0	996	9/2/2021 2:00:27 PM	78781.93	394756.99	39.59	-1.11	0.16
Concrete	0	998	9/2/2021 2:00:29 PM	78781.73	394756.95	39.60	-1.11	0.18
Concrete	12	979	9/2/2021 2:00:31 PM	78781.49	394756.92	39.60	0.56	-0.02
Concrete	8	931	9/2/2021 2:00:33 PM	78781.40	394756.92	39.60	0.00	-0.52
Concrete	5	991	9/2/2021 2:00:35 PM	78781.21	394756.90	39.60	-0.42	0.10
Concrete	12	983	9/2/2021 2:00:37 PM	78781.02	394756.87	39.60	0.56	0.02
Concrete	8	898	9/2/2021 2:00:39 PM	78780.82	394756.85	39.59	0.00	-0.87
Concrete	17	885	9/2/2021 2:00:41 PM	78780.64	394756.82	39.59	1.25	-1.01
Concrete	11	932	9/2/2021 2:00:43 PM	78780.52	394756.82	39.58	0.42	-0.51
Concrete	7	969	9/2/2021 2:00:45 PM	78780.40	394756.80	39.58	-0.14	-0.13
Concrete	14	996	9/2/2021 2:00:47 PM	78780.29	394756.77	39.58	0.83	0.16
Concrete	9	1041	9/2/2021 2:00:49 PM	78780.12	394756.77	39.59	0.14	0.63
Concrete	6	1038	9/2/2021 2:00:51 PM	78779.97	394756.77	39.60	-0.28	0.60
Concrete	4	1079	9/2/2021 2:00:53 PM	78779.83	394756.75	39.60	-0.56	1.03
Concrete	2	1039	9/2/2021 2:00:55 PM	78779.68	394756.74	39.60	-0.83	0.61
Concrete	1	869	9/2/2021 2:00:57 PM	78779.50	394756.72	39.61	-0.97	-1.17
Concrete	10	803	9/2/2021 2:00:59 PM	78779.30	394756.70	39.63	0.28	-1.86
Concrete	6	803	9/2/2021 2:01:01 PM	78779.16	394756.72	39.62	-0.28	-1.86
Concrete	4	797	9/2/2021 2:01:03 PM	78779.09	394756.71	39.62	-0.56	-1.93
Concrete	3	868	9/2/2021 2:01:05 PM	78778.92	394756.66	39.62	-0.69	-1.18
Concrete	2	1058	9/2/2021 2:01:07 PM	78778.72	394756.65	39.62	-0.83	0.81
Concrete	1	1050	9/2/2021 2:01:09 PM	78778.59	394756.59	39.63	-0.97	0.72
Concrete	0	1122	9/2/2021 2:01:11 PM	78778.43	394756.58	39.64	-1.11	1.48
Concrete	0	998	9/2/2021 2:01:13 PM	78778.35	394756.59	39.64	-1.11	0.18
Concrete	0	897	9/2/2021 2:01:15 PM	78778.22	394756.57	39.63	-1.11	-0.88
Concrete	0	873	9/2/2021 2:01:17 PM	78778.04	394756.58	39.61	-1.11	-1.13
Concrete	0	877	9/2/2021 2:01:19 PM	78777.87	394756.55	39.61	-1.11	-1.09
Concrete	0	915	9/2/2021 2:01:21 PM	78777.65	394756.55	39.60	-1.11	-0.69
Concrete	0	936	9/2/2021 2:01:23 PM	78777.45	394756.53	39.59	-1.11	-0.47
Concrete	0	957	9/2/2021 2:01:25 PM	78777.28	394756.54	39.62	-1.11	-0.25
Concrete	0	924	9/2/2021 2:01:27 PM	78777.10	394756.55	39.64	-1.11	-0.60
Concrete	0	1013	9/2/2021 2:01:29 PM	78776.96	394756.50	39.65	-1.11	0.34
Concrete	11	991	9/2/2021 2:01:31 PM	78776.83	394756.47	39.65	0.42	0.10
Concrete	7	987	9/2/2021 2:01:33 PM	78776.76	394756.48	39.63	-0.14	0.06
Concrete	4	1002	9/2/2021 2:01:35 PM	78776.68	394756.46	39.63	-0.56	0.22
Concrete	3	941	9/2/2021 2:01:37 PM	78776.50	394756.46	39.64	-0.69	-0.42
Concrete	21	987	9/2/2021 2:01:39 PM	78776.32	394756.43	39.62	1.81	0.06
Concrete	14	921	9/2/2021 2:01:41 PM	78776.22	394756.36	39.62	0.83	-0.63
Concrete	9	983	9/2/2021 2:01:43 PM	78776.26	394756.19	39.66	0.14	0.02
Concrete	23	918	9/2/2021 2:01:45 PM	78776.43	394755.96	39.67	2.08	-0.66
Concrete	15	861	9/2/2021 2:01:47 PM	78776.52	394755.75	39.67	0.97	-1.26
Concrete	10	877	9/2/2021 2:01:49 PM	78776.77	394755.86	39.60	0.28	-1.09
Concrete	6	891	9/2/2021 2:01:51 PM	78776.83	394756.15	39.57	-0.28	-0.94
Concrete	4	909	9/2/2021 2:01:53 PM	78776.75	394756.23	39.45	-0.56	-0.75
Concrete	11	960	9/2/2021 2:01:55 PM	78776.95	394756.25	39.38	0.42	-0.22

SU 7A ALPHA-BETA SCAN DATA RESULTS

Concrete	7	925	9/2/2021 2:01:57 PM	78777.19	394756.30	39.32	-0.14	-0.59
Concrete	13	876	9/2/2021 2:01:59 PM	78777.36	394756.29	39.27	0.69	-1.10
Concrete	9	877	9/2/2021 2:02:01 PM	78777.48	394756.33	39.23	0.14	-1.09
Concrete	6	940	9/2/2021 2:02:03 PM	78777.66	394756.35	39.21	-0.28	-0.43
Concrete	13	814	9/2/2021 2:02:05 PM	78777.74	394756.36	39.18	0.69	-1.75
Concrete	9	810	9/2/2021 2:02:07 PM	78777.91	394756.37	39.14	0.14	-1.79
Concrete	6	834	9/2/2021 2:02:09 PM	78778.04	394756.38	39.11	-0.28	-1.54
Concrete	3	796	9/2/2021 2:02:11 PM	78778.15	394756.37	39.09	-0.69	-1.94
Concrete	2	895	9/2/2021 2:02:13 PM	78778.32	394756.39	39.06	-0.83	-0.90
Concrete	1	950	9/2/2021 2:02:15 PM	78778.43	394756.41	39.04	-0.97	-0.32
Concrete	1	905	9/2/2021 2:02:17 PM	78778.51	394756.42	39.02	-0.97	-0.80
Concrete	0	966	9/2/2021 2:02:19 PM	78778.59	394756.45	39.01	-1.11	-0.16
Concrete	0	872	9/2/2021 2:02:21 PM	78778.74	394756.46	38.98	-1.11	-1.14
Concrete	0	894	9/2/2021 2:02:23 PM	78778.87	394756.46	38.97	-1.11	-0.91
Concrete	0	987	9/2/2021 2:02:25 PM	78778.96	394756.48	38.95	-1.11	0.06
Concrete	0	946	9/2/2021 2:02:27 PM	78779.10	394756.50	38.95	-1.11	-0.37
Concrete	0	998	9/2/2021 2:02:29 PM	78779.25	394756.52	38.96	-1.11	0.18
Concrete	0	1007	9/2/2021 2:02:31 PM	78779.36	394756.54	38.96	-1.11	0.27
Concrete	0	1048	9/2/2021 2:02:33 PM	78779.51	394756.54	38.99	-1.11	0.70
Concrete	11	916	9/2/2021 2:02:35 PM	78779.58	394756.53	39.00	0.42	-0.68
Concrete	16	1022	9/2/2021 2:02:37 PM	78779.66	394756.53	39.02	1.11	0.43
Concrete	10	978	9/2/2021 2:02:39 PM	78779.74	394756.54	39.04	0.28	-0.03
Concrete	7	970	9/2/2021 2:02:41 PM	78779.88	394756.55	39.05	-0.14	-0.12
Concrete	4	891	9/2/2021 2:02:43 PM	78780.00	394756.56	39.07	-0.56	-0.94
Concrete	3	877	9/2/2021 2:02:45 PM	78780.15	394756.56	39.08	-0.69	-1.09
Concrete	2	1049	9/2/2021 2:02:47 PM	78780.28	394756.56	39.11	-0.83	0.71
Concrete	1	984	9/2/2021 2:02:49 PM	78780.44	394756.58	39.14	-0.97	0.03
Concrete	0	1061	9/2/2021 2:02:51 PM	78780.52	394756.57	39.14	-1.11	0.84
Concrete	0	1122	9/2/2021 2:02:53 PM	78780.63	394756.56	39.13	-1.11	1.48
Concrete	0	977	9/2/2021 2:02:55 PM	78780.76	394756.58	39.15	-1.11	-0.04
Concrete	0	1000	9/2/2021 2:02:57 PM	78780.96	394756.57	39.15	-1.11	0.20
Concrete	0	873	9/2/2021 2:02:59 PM	78781.13	394756.58	39.17	-1.11	-1.13
Concrete	11	834	9/2/2021 2:03:01 PM	78781.29	394756.61	39.20	0.42	-1.54
Concrete	7	982	9/2/2021 2:03:03 PM	78781.46	394756.62	39.22	-0.14	0.01
Concrete	15	1045	9/2/2021 2:03:05 PM	78781.63	394756.62	39.22	0.97	0.67
Concrete	18	962	9/2/2021 2:03:07 PM	78781.73	394756.63	39.23	1.39	-0.20
Concrete	12	893	9/2/2021 2:03:09 PM	78781.87	394756.68	39.23	0.56	-0.92
Concrete	8	945	9/2/2021 2:03:11 PM	78782.02	394756.69	39.24	0.00	-0.38
Concrete	5	892	9/2/2021 2:03:13 PM	78782.17	394756.68	39.24	-0.42	-0.93
Concrete	13	850	9/2/2021 2:03:15 PM	78782.30	394756.72	39.22	0.69	-1.37
Concrete	8	795	9/2/2021 2:03:17 PM	78782.51	394756.73	39.22	0.00	-1.95
Concrete	5	938	9/2/2021 2:03:19 PM	78782.65	394756.74	39.22	-0.42	-0.45
Concrete	3	920	9/2/2021 2:03:21 PM	78782.78	394756.74	39.23	-0.69	-0.64
Concrete	14	943	9/2/2021 2:03:23 PM	78782.93	394756.74	39.25	0.83	-0.40
Concrete	19	1082	9/2/2021 2:03:25 PM	78783.12	394756.76	39.26	1.53	1.06
Concrete	12	1179	9/2/2021 2:03:27 PM	78783.34	394756.78	39.28	0.56	2.07
Concrete	20	1173	9/2/2021 2:03:29 PM	78783.49	394756.80	39.27	1.67	2.01
Concrete	13	1094	9/2/2021 2:03:31 PM	78783.55	394756.81	39.27	0.69	1.18
Concrete	8	967	9/2/2021 2:03:33 PM	78783.64	394756.85	39.27	0.00	-0.15
Concrete	24	1014	9/2/2021 2:03:35 PM	78783.81	394756.83	39.21	2.22	0.35
Concrete	26	979	9/2/2021 2:03:37 PM	78783.87	394756.82	39.22	2.50	-0.02
Concrete	29	1009	9/2/2021 2:03:39 PM	78784.02	394756.85	39.21	2.92	0.29
Concrete	29	952	9/2/2021 2:03:41 PM	78784.19	394756.89	39.23	2.92	-0.30
Concrete	19	932	9/2/2021 2:03:43 PM	78784.34	394756.89	39.26	1.53	-0.51
Concrete	12	958	9/2/2021 2:03:45 PM	78784.43	394756.88	39.28	0.56	-0.24
Concrete	8	1046	9/2/2021 2:03:47 PM	78784.62	394756.88	39.27	0.00	0.68
Concrete	5	937	9/2/2021 2:03:49 PM	78784.82	394756.88	39.26	-0.42	-0.46
Concrete	3	1015	9/2/2021 2:03:51 PM	78784.97	394756.91	39.26	-0.69	0.36
Concrete	2	1096	9/2/2021 2:03:53 PM	78785.08	394756.91	39.25	-0.83	1.20
Concrete	1	985	9/2/2021 2:03:55 PM	78785.25	394756.94	39.24	-0.97	0.04
Concrete	10	982	9/2/2021 2:03:57 PM	78785.33	394756.96	39.22	0.28	0.01
Concrete	7	970	9/2/2021 2:03:59 PM	78785.43	394756.96	39.22	-0.14	-0.12

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Concrete	4	895	9/2/2021 2:04:01 PM	78785.60	394756.95	39.22	-0.56	-0.90
Concrete	15	1012	9/2/2021 2:04:03 PM	78785.74	394756.95	39.24	0.97	0.32
Concrete	10	1027	9/2/2021 2:04:05 PM	78785.90	394756.97	39.23	0.28	0.48
Concrete	6	876	9/2/2021 2:04:07 PM	78785.97	394756.96	39.23	-0.28	-1.10
Concrete	4	887	9/2/2021 2:04:09 PM	78786.06	394756.98	39.22	-0.56	-0.98
Concrete	3	976	9/2/2021 2:04:11 PM	78786.21	394757.00	39.21	-0.69	-0.05
Concrete	2	960	9/2/2021 2:04:13 PM	78786.33	394757.02	39.19	-0.83	-0.22
Concrete	1	953	9/2/2021 2:04:15 PM	78786.46	394757.05	39.18	-0.97	-0.29
Concrete	0	938	9/2/2021 2:04:17 PM	78786.62	394757.06	39.17	-1.11	-0.45
Concrete	0	1046	9/2/2021 2:04:19 PM	78786.73	394757.10	39.16	-1.11	0.68
Concrete	0	982	9/2/2021 2:04:21 PM	78786.85	394757.12	39.16	-1.11	0.01
Concrete	0	973	9/2/2021 2:04:23 PM	78787.04	394757.15	39.14	-1.11	-0.08
Concrete	0	903	9/2/2021 2:04:25 PM	78787.24	394757.16	39.15	-1.11	-0.82
Concrete	11	903	9/2/2021 2:04:27 PM	78787.33	394757.19	39.16	0.42	-0.82
Concrete	7	880	9/2/2021 2:04:29 PM	78787.49	394757.20	39.16	-0.14	-1.06
Concrete	4	964	9/2/2021 2:04:31 PM	78787.65	394757.22	39.17	-0.56	-0.18
Concrete	12	982	9/2/2021 2:04:33 PM	78787.73	394757.23	39.15	0.56	0.01
Concrete	8	973	9/2/2021 2:04:35 PM	78787.86	394757.25	39.15	0.00	-0.08
Concrete	5	923	9/2/2021 2:04:37 PM	78788.02	394757.25	39.18	-0.42	-0.61
Concrete	3	972	9/2/2021 2:04:39 PM	78788.08	394757.25	39.19	-0.69	-0.09
Concrete	2	1040	9/2/2021 2:04:41 PM	78788.19	394757.27	39.22	-0.83	0.62
Concrete	1	955	9/2/2021 2:04:43 PM	78788.36	394757.26	39.22	-0.97	-0.27
Concrete	1	989	9/2/2021 2:04:45 PM	78788.55	394757.26	39.22	-0.97	0.08
Concrete	0	965	9/2/2021 2:04:47 PM	78788.72	394757.30	39.21	-1.11	-0.17
Concrete	10	869	9/2/2021 2:04:49 PM	78788.95	394757.31	39.22	0.28	-1.17
Concrete	27	911	9/2/2021 2:04:51 PM	78788.95	394756.93	39.25	2.64	-0.73
Concrete	18	885	9/2/2021 2:04:53 PM	78788.73	394756.63	39.18	1.39	-1.01
Concrete	20	934	9/2/2021 2:04:55 PM	78788.28	394756.73	39.20	1.67	-0.49
Concrete	13	1047	9/2/2021 2:04:57 PM	78788.24	394756.82	39.20	0.69	0.69
Concrete	8	1111	9/2/2021 2:04:59 PM	78788.12	394756.78	39.18	0.00	1.36
Concrete	5	1029	9/2/2021 2:05:01 PM	78787.84	394756.75	39.17	-0.42	0.50
Concrete	3	1039	9/2/2021 2:05:03 PM	78787.59	394756.74	39.22	-0.69	0.61
Concrete	13	1036	9/2/2021 2:05:05 PM	78787.32	394756.72	39.25	0.69	0.58
Concrete	8	1030	9/2/2021 2:05:07 PM	78787.18	394756.68	39.29	0.00	0.51
Concrete	5	989	9/2/2021 2:05:09 PM	78787.11	394756.65	39.30	-0.42	0.08
Concrete	3	989	9/2/2021 2:05:11 PM	78786.99	394756.64	39.33	-0.69	0.08
Concrete	2	1023	9/2/2021 2:05:13 PM	78786.86	394756.62	39.35	-0.83	0.44
Concrete	1	904	9/2/2021 2:05:15 PM	78786.67	394756.60	39.35	-0.97	-0.81
Concrete	1	889	9/2/2021 2:05:17 PM	78786.51	394756.58	39.38	-0.97	-0.96
Concrete	0	920	9/2/2021 2:05:19 PM	78786.40	394756.55	39.41	-1.11	-0.64
Concrete	0	858	9/2/2021 2:05:21 PM	78786.30	394756.55	39.42	-1.11	-1.29
Concrete	0	805	9/2/2021 2:05:23 PM	78786.08	394756.53	39.42	-1.11	-1.84
Concrete	0	815	9/2/2021 2:05:25 PM	78785.89	394756.52	39.44	-1.11	-1.74
Concrete	0	848	9/2/2021 2:05:27 PM	78785.77	394756.49	39.46	-1.11	-1.39
Concrete	0	797	9/2/2021 2:05:29 PM	78785.64	394756.48	39.49	-1.11	-1.93
Concrete	0	922	9/2/2021 2:05:31 PM	78785.43	394756.46	39.48	-1.11	-0.62
Concrete	0	876	9/2/2021 2:05:33 PM	78785.31	394756.43	39.48	-1.11	-1.10
Concrete	0	857	9/2/2021 2:05:35 PM	78785.19	394756.41	39.46	-1.11	-1.30
Concrete	0	877	9/2/2021 2:05:37 PM	78785.09	394756.39	39.46	-1.11	-1.09
Concrete	0	991	9/2/2021 2:05:39 PM	78784.94	394756.39	39.44	-1.11	0.10
Concrete	0	1075	9/2/2021 2:05:41 PM	78784.85	394756.38	39.43	-1.11	0.98
Concrete	0	1150	9/2/2021 2:05:43 PM	78784.65	394756.39	39.44	-1.11	1.77
Concrete	11	1141	9/2/2021 2:05:45 PM	78784.48	394756.37	39.43	0.42	1.68
Concrete	7	1043	9/2/2021 2:05:47 PM	78784.31	394756.38	39.43	-0.14	0.65
Concrete	4	1021	9/2/2021 2:05:49 PM	78784.13	394756.34	39.43	-0.56	0.42
Concrete	3	1054	9/2/2021 2:05:51 PM	78783.94	394756.33	39.42	-0.69	0.76
Concrete	2	1002	9/2/2021 2:05:53 PM	78783.79	394756.29	39.42	-0.83	0.22
Concrete	1	1055	9/2/2021 2:05:55 PM	78783.60	394756.26	39.41	-0.97	0.77
Concrete	0	1035	9/2/2021 2:05:57 PM	78783.52	394756.26	39.42	-1.11	0.57
Concrete	0	976	9/2/2021 2:05:59 PM	78783.56	394756.27	39.43	-1.11	-0.05
Concrete	9	907	9/2/2021 2:06:01 PM	78783.43	394756.28	39.41	0.14	-0.77
Concrete	6	902	9/2/2021 2:06:03 PM	78783.29	394756.29	39.40	-0.28	-0.83

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Concrete	3	919	9/2/2021 2:06:05 PM	78783.02	394756.24	39.39	-0.69	-0.65
Concrete	2	848	9/2/2021 2:06:07 PM	78782.85	394756.22	39.39	-0.83	-1.39
Concrete	1	875	9/2/2021 2:06:09 PM	78782.61	394756.22	39.39	-0.97	-1.11
Concrete	1	876	9/2/2021 2:06:11 PM	78782.45	394756.21	39.39	-0.97	-1.10
Concrete	0	940	9/2/2021 2:06:13 PM	78782.25	394756.18	39.40	-1.11	-0.43
Concrete	0	958	9/2/2021 2:06:15 PM	78782.11	394756.14	39.41	-1.11	-0.24
Concrete	0	958	9/2/2021 2:06:17 PM	78781.98	394756.13	39.41	-1.11	-0.24
Concrete	0	929	9/2/2021 2:06:19 PM	78781.82	394756.08	39.39	-1.11	-0.54
Concrete	0	890	9/2/2021 2:06:21 PM	78781.64	394756.05	39.39	-1.11	-0.95
Concrete	10	961	9/2/2021 2:06:23 PM	78781.40	394756.03	39.37	0.28	-0.21
Concrete	6	968	9/2/2021 2:06:25 PM	78781.16	394756.01	39.36	-0.28	-0.14
Concrete	22	948	9/2/2021 2:06:27 PM	78780.98	394756.01	39.32	1.94	-0.35
Concrete	15	958	9/2/2021 2:06:29 PM	78780.80	394755.96	39.30	0.97	-0.24
Concrete	9	856	9/2/2021 2:06:31 PM	78780.65	394755.93	39.30	0.14	-1.31
Concrete	6	983	9/2/2021 2:06:33 PM	78780.50	394755.91	39.31	-0.28	0.02
Concrete	4	863	9/2/2021 2:06:35 PM	78780.29	394755.91	39.30	-0.56	-1.24
Concrete	2	950	9/2/2021 2:06:37 PM	78780.18	394755.87	39.30	-0.83	-0.32
Concrete	1	894	9/2/2021 2:06:39 PM	78780.00	394755.89	39.28	-0.97	-0.91
Concrete	1	870	9/2/2021 2:06:41 PM	78779.90	394755.88	39.27	-0.97	-1.16
Concrete	0	915	9/2/2021 2:06:43 PM	78779.83	394755.85	39.26	-1.11	-0.69
Concrete	0	1005	9/2/2021 2:06:45 PM	78779.65	394755.83	39.24	-1.11	0.25
Concrete	10	1059	9/2/2021 2:06:47 PM	78779.48	394755.80	39.21	0.28	0.82
Concrete	15	986	9/2/2021 2:06:49 PM	78779.35	394755.79	39.21	0.97	0.05
Concrete	10	990	9/2/2021 2:06:51 PM	78779.23	394755.73	39.21	0.28	0.09
Concrete	6	1087	9/2/2021 2:06:53 PM	78779.04	394755.73	39.19	-0.28	1.11
Concrete	4	841	9/2/2021 2:06:55 PM	78778.88	394755.72	39.19	-0.56	-1.47
Concrete	13	900	9/2/2021 2:06:57 PM	78778.69	394755.71	39.21	0.69	-0.85
Concrete	17	978	9/2/2021 2:06:59 PM	78778.54	394755.72	39.21	1.25	-0.03
Concrete	11	1022	9/2/2021 2:07:01 PM	78778.41	394755.70	39.23	0.42	0.43
Concrete	7	1087	9/2/2021 2:07:03 PM	78778.24	394755.67	39.24	-0.14	1.11
Concrete	5	1021	9/2/2021 2:07:05 PM	78778.10	394755.70	39.22	-0.42	0.42
Concrete	3	953	9/2/2021 2:07:07 PM	78778.01	394755.69	39.23	-0.69	-0.29
Concrete	2	933	9/2/2021 2:07:09 PM	78777.88	394755.67	39.23	-0.83	-0.50
Concrete	1	873	9/2/2021 2:07:11 PM	78777.73	394755.66	39.20	-0.97	-1.13
Concrete	13	802	9/2/2021 2:07:13 PM	78777.63	394755.66	39.19	0.69	-1.87
Concrete	8	902	9/2/2021 2:07:15 PM	78777.47	394755.64	39.18	0.00	-0.83
Concrete	5	876	9/2/2021 2:07:17 PM	78777.26	394755.62	39.16	-0.42	-1.10
Concrete	3	936	9/2/2021 2:07:19 PM	78777.11	394755.59	39.16	-0.69	-0.47
Concrete	2	856	9/2/2021 2:07:21 PM	78776.93	394755.58	39.19	-0.83	-1.31
Concrete	1	908	9/2/2021 2:07:23 PM	78776.77	394755.53	39.20	-0.97	-0.76
Concrete	1	995	9/2/2021 2:07:25 PM	78776.61	394755.51	39.21	-0.97	0.15
Concrete	0	1000	9/2/2021 2:07:27 PM	78776.47	394755.29	39.25	-1.11	0.20
Concrete	0	981	9/2/2021 2:07:29 PM	78776.57	394755.05	39.29	-1.11	0.00
Concrete	0	965	9/2/2021 2:07:31 PM	78776.67	394754.92	39.36	-1.11	-0.17
Concrete	12	914	9/2/2021 2:07:33 PM	78777.09	394754.93	39.37	0.56	-0.70
Concrete	32	919	9/2/2021 2:07:35 PM	78776.95	394755.20	39.34	3.33	-0.65
Concrete	30	971	9/2/2021 2:07:37 PM	78777.21	394755.17	39.29	3.06	-0.10
Concrete	19	903	9/2/2021 2:07:39 PM	78777.32	394755.18	39.27	1.53	-0.82
Concrete	12	873	9/2/2021 2:07:41 PM	78777.37	394755.20	39.23	0.56	-1.13
Concrete	8	881	9/2/2021 2:07:43 PM	78777.50	394755.22	39.20	0.00	-1.05
Concrete	5	894	9/2/2021 2:07:45 PM	78777.71	394755.26	39.20	-0.42	-0.91
Concrete	3	846	9/2/2021 2:07:47 PM	78777.99	394755.30	39.19	-0.69	-1.41
Concrete	2	881	9/2/2021 2:07:49 PM	78778.22	394755.35	39.18	-0.83	-1.05
Concrete	11	872	9/2/2021 2:07:51 PM	78778.42	394755.37	39.16	0.42	-1.14
Concrete	7	979	9/2/2021 2:07:53 PM	78778.59	394755.40	39.14	-0.14	-0.02
Concrete	26	1004	9/2/2021 2:07:55 PM	78778.78	394755.46	39.12	2.50	0.24
Concrete	17	1017	9/2/2021 2:07:57 PM	78778.94	394755.49	39.08	1.25	0.38
Concrete	23	1053	9/2/2021 2:07:59 PM	78779.09	394755.47	39.08	2.08	0.75
Concrete	15	1024	9/2/2021 2:08:01 PM	78779.29	394755.49	39.08	0.97	0.45
Concrete	10	1002	9/2/2021 2:08:03 PM	78779.45	394755.51	39.08	0.28	0.22
Concrete	6	866	9/2/2021 2:08:05 PM	78779.62	394755.52	39.08	-0.28	-1.20
Concrete	13	838	9/2/2021 2:08:07 PM	78779.80	394755.53	39.07	0.69	-1.50

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Concrete	8	787	9/2/2021 2:08:09 PM	78780.01	394755.54	39.07	0.00	-2.03
Concrete	5	781	9/2/2021 2:08:11 PM	78780.15	394755.54	39.08	-0.42	-2.09
Concrete	3	777	9/2/2021 2:08:13 PM	78780.34	394755.55	39.09	-0.69	-2.14
Concrete	2	789	9/2/2021 2:08:15 PM	78780.41	394755.55	39.10	-0.83	-2.01
Concrete	10	800	9/2/2021 2:08:17 PM	78780.60	394755.56	39.11	0.28	-1.90
Concrete	6	724	9/2/2021 2:08:19 PM	78780.75	394755.57	39.11	-0.28	-2.69
Concrete	4	829	9/2/2021 2:08:21 PM	78780.94	394755.61	39.12	-0.56	-1.59
Concrete	3	826	9/2/2021 2:08:23 PM	78781.09	394755.60	39.13	-0.69	-1.62
Concrete	12	892	9/2/2021 2:08:25 PM	78781.27	394755.61	39.15	0.56	-0.93
Concrete	8	821	9/2/2021 2:08:27 PM	78781.43	394755.62	39.17	0.00	-1.68
Concrete	5	925	9/2/2021 2:08:29 PM	78781.59	394755.62	39.18	-0.42	-0.59
Concrete	3	993	9/2/2021 2:08:31 PM	78781.77	394755.68	39.18	-0.69	0.13
Concrete	2	958	9/2/2021 2:08:33 PM	78781.95	394755.69	39.19	-0.83	-0.24
Concrete	1	941	9/2/2021 2:08:35 PM	78782.15	394755.67	39.21	-0.97	-0.42
Concrete	1	915	9/2/2021 2:08:37 PM	78782.24	394755.70	39.24	-0.97	-0.69
Concrete	0	878	9/2/2021 2:08:39 PM	78782.38	394755.71	39.27	-1.11	-1.08
Concrete	0	862	9/2/2021 2:08:41 PM	78782.51	394755.75	39.28	-1.11	-1.25
Concrete	0	942	9/2/2021 2:08:43 PM	78782.66	394755.79	39.30	-1.11	-0.41
Concrete	12	1009	9/2/2021 2:08:45 PM	78782.76	394755.78	39.30	0.56	0.29
Concrete	8	952	9/2/2021 2:08:47 PM	78782.89	394755.78	39.32	0.00	-0.30
Concrete	5	954	9/2/2021 2:08:49 PM	78783.06	394755.79	39.32	-0.42	-0.28
Concrete	13	950	9/2/2021 2:08:51 PM	78783.29	394755.78	39.32	0.69	-0.32
Concrete	17	899	9/2/2021 2:08:53 PM	78783.38	394755.81	39.32	1.25	-0.86
Concrete	11	833	9/2/2021 2:08:55 PM	78783.54	394755.81	39.32	0.42	-1.55
Concrete	7	857	9/2/2021 2:08:57 PM	78783.69	394755.83	39.32	-0.14	-1.30
Concrete	13	842	9/2/2021 2:08:59 PM	78783.85	394755.87	39.32	0.69	-1.46
Concrete	21	843	9/2/2021 2:09:01 PM	78783.96	394755.88	39.33	1.81	-1.45
Concrete	26	913	9/2/2021 2:09:03 PM	78784.09	394755.91	39.30	2.50	-0.71
Concrete	17	900	9/2/2021 2:09:05 PM	78784.31	394755.98	39.31	1.25	-0.85
Concrete	20	930	9/2/2021 2:09:07 PM	78784.45	394755.96	39.29	1.67	-0.53
Concrete	25	919	9/2/2021 2:09:09 PM	78784.64	394755.97	39.27	2.36	-0.65
Concrete	17	935	9/2/2021 2:09:11 PM	78784.87	394755.97	39.26	1.25	-0.48
Concrete	20	1014	9/2/2021 2:09:13 PM	78784.99	394755.99	39.24	1.67	0.35
Concrete	13	978	9/2/2021 2:09:15 PM	78785.03	394755.99	39.24	0.69	-0.03
Concrete	9	1016	9/2/2021 2:09:17 PM	78785.20	394756.00	39.23	0.14	0.37
Concrete	6	964	9/2/2021 2:09:19 PM	78785.29	394756.01	39.23	-0.28	-0.18
Concrete	3	959	9/2/2021 2:09:21 PM	78785.36	394756.04	39.22	-0.69	-0.23
Concrete	12	1030	9/2/2021 2:09:23 PM	78785.43	394756.04	39.22	0.56	0.51
Concrete	20	985	9/2/2021 2:09:25 PM	78785.57	394756.06	39.22	1.67	0.04
Concrete	22	1057	9/2/2021 2:09:27 PM	78785.71	394756.08	39.22	1.94	0.80
Concrete	14	1018	9/2/2021 2:09:29 PM	78785.85	394756.14	39.23	0.83	0.39
Concrete	21	988	9/2/2021 2:09:31 PM	78786.05	394756.12	39.23	1.81	0.07
Concrete	14	938	9/2/2021 2:09:33 PM	78786.18	394756.15	39.21	0.83	-0.45
Concrete	9	1076	9/2/2021 2:09:35 PM	78786.39	394756.15	39.21	0.14	0.99
Concrete	6	1092	9/2/2021 2:09:37 PM	78786.56	394756.18	39.20	-0.28	1.16
Concrete	3	1077	9/2/2021 2:09:39 PM	78786.69	394756.20	39.21	-0.69	1.01
Concrete	12	1062	9/2/2021 2:09:41 PM	78786.87	394756.23	39.21	0.56	0.85
Concrete	8	1030	9/2/2021 2:09:43 PM	78787.00	394756.23	39.22	0.00	0.51
Concrete	5	984	9/2/2021 2:09:45 PM	78787.14	394756.24	39.22	-0.42	0.03
Concrete	3	932	9/2/2021 2:09:47 PM	78787.23	394756.26	39.22	-0.69	-0.51
Concrete	2	918	9/2/2021 2:09:49 PM	78787.43	394756.28	39.21	-0.83	-0.66
Concrete	1	931	9/2/2021 2:09:51 PM	78787.55	394756.30	39.21	-0.97	-0.52
Concrete	1	917	9/2/2021 2:09:53 PM	78787.68	394756.30	39.22	-0.97	-0.67
Concrete	0	1028	9/2/2021 2:09:55 PM	78787.87	394756.32	39.21	-1.11	0.49
Concrete	0	926	9/2/2021 2:09:57 PM	78788.00	394756.33	39.22	-1.11	-0.58
Concrete	31	993	9/2/2021 2:09:59 PM	78788.10	394756.32	39.22	3.19	0.13
Concrete	29	1006	9/2/2021 2:10:01 PM	78788.29	394756.34	39.22	2.92	0.26
Concrete	19	1003	9/2/2021 2:10:03 PM	78788.42	394756.32	39.22	1.53	0.23
Concrete	12	940	9/2/2021 2:10:05 PM	78788.59	394756.33	39.22	0.56	-0.43
Concrete	8	968	9/2/2021 2:10:07 PM	78788.79	394756.37	39.23	0.00	-0.14
Concrete	5	848	9/2/2021 2:10:09 PM	78788.94	394756.38	39.25	-0.42	-1.39
Concrete	3	891	9/2/2021 2:10:11 PM	78789.11	394756.24	39.28	-0.69	-0.94

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Concrete	2	920	9/2/2021 2:10:13 PM	78788.91	394755.82	39.22	-0.83	-0.64
Concrete	1	975	9/2/2021 2:10:15 PM	78788.63	394755.87	39.17	-0.97	-0.06
Concrete	1	918	9/2/2021 2:10:17 PM	78788.51	394755.96	39.17	-0.97	-0.66
Concrete	12	969	9/2/2021 2:10:19 PM	78788.27	394755.91	39.19	0.56	-0.13
Concrete	8	1031	9/2/2021 2:10:21 PM	78788.37	394755.85	39.20	0.00	0.52
Concrete	15	954	9/2/2021 2:10:23 PM	78788.28	394755.71	39.21	0.97	-0.28
Concrete	10	883	9/2/2021 2:10:25 PM	78788.23	394755.80	39.21	0.28	-1.03
Concrete	16	916	9/2/2021 2:10:27 PM	78788.14	394755.97	39.19	1.11	-0.68
Concrete	10	1000	9/2/2021 2:10:29 PM	78787.94	394755.97	39.19	0.28	0.20
Concrete	18	967	9/2/2021 2:10:31 PM	78787.79	394755.93	39.22	1.39	-0.15
Concrete	11	1035	9/2/2021 2:10:33 PM	78787.65	394755.88	39.24	0.42	0.57
Concrete	7	1055	9/2/2021 2:10:35 PM	78787.40	394755.89	39.26	-0.14	0.77
Concrete	5	1070	9/2/2021 2:10:37 PM	78787.25	394755.87	39.29	-0.42	0.93
Concrete	3	1057	9/2/2021 2:10:39 PM	78786.95	394755.84	39.30	-0.69	0.80
Concrete	11	1072	9/2/2021 2:10:41 PM	78786.74	394755.80	39.31	0.42	0.95
Concrete	7	1013	9/2/2021 2:10:43 PM	78786.54	394755.77	39.32	-0.14	0.34
Concrete	5	1023	9/2/2021 2:10:45 PM	78786.39	394755.75	39.34	-0.42	0.44
Concrete	14	949	9/2/2021 2:10:47 PM	78786.21	394755.73	39.34	0.83	-0.34
Concrete	9	1005	9/2/2021 2:10:49 PM	78786.08	394755.73	39.34	0.14	0.25
Concrete	6	1041	9/2/2021 2:10:51 PM	78785.88	394755.73	39.32	-0.28	0.63
Concrete	16	994	9/2/2021 2:10:53 PM	78785.68	394755.69	39.31	1.11	0.14
Concrete	10	1022	9/2/2021 2:10:55 PM	78785.62	394755.68	39.32	0.28	0.43
Concrete	7	1060	9/2/2021 2:10:57 PM	78785.38	394755.66	39.31	-0.14	0.83
Concrete	4	969	9/2/2021 2:10:59 PM	78785.19	394755.68	39.29	-0.56	-0.13
Concrete	3	874	9/2/2021 2:11:01 PM	78785.04	394755.69	39.28	-0.69	-1.12
Concrete	2	791	9/2/2021 2:11:03 PM	78784.92	394755.64	39.29	-0.83	-1.99
Concrete	10	1012	9/2/2021 2:11:05 PM	78784.79	394755.64	39.28	0.28	0.32
Concrete	6	994	9/2/2021 2:11:07 PM	78784.64	394755.61	39.29	-0.28	0.14
Concrete	16	825	9/2/2021 2:11:09 PM	78784.44	394755.59	39.29	1.11	-1.63
Concrete	10	780	9/2/2021 2:11:11 PM	78784.30	394755.54	39.28	0.28	-2.10
Concrete	19	804	9/2/2021 2:11:13 PM	78784.19	394755.53	39.28	1.53	-1.85
Concrete	12	858	9/2/2021 2:11:15 PM	78784.00	394755.52	39.28	0.56	-1.29
Concrete	8	815	9/2/2021 2:11:17 PM	78783.88	394755.48	39.27	0.00	-1.74
Concrete	5	847	9/2/2021 2:11:19 PM	78783.86	394755.47	39.29	-0.42	-1.40
Concrete	14	923	9/2/2021 2:11:21 PM	78783.63	394755.47	39.29	0.83	-0.61
Concrete	9	992	9/2/2021 2:11:23 PM	78783.57	394755.45	39.32	0.14	0.12
Concrete	6	978	9/2/2021 2:11:25 PM	78783.52	394755.46	39.33	-0.28	-0.03
Concrete	4	914	9/2/2021 2:11:27 PM	78783.27	394755.49	39.33	-0.56	-0.70
Concrete	12	975	9/2/2021 2:11:29 PM	78783.06	394755.41	39.34	0.56	-0.06
Concrete	17	967	9/2/2021 2:11:31 PM	78782.94	394755.43	39.32	1.25	-0.15
Concrete	11	813	9/2/2021 2:11:33 PM	78782.73	394755.40	39.30	0.42	-1.76
Concrete	7	840	9/2/2021 2:11:35 PM	78782.51	394755.35	39.30	-0.14	-1.48
Concrete	4	803	9/2/2021 2:11:37 PM	78782.30	394755.37	39.31	-0.56	-1.86
Concrete	3	800	9/2/2021 2:11:39 PM	78782.08	394755.35	39.30	-0.69	-1.90
Concrete	2	816	9/2/2021 2:11:41 PM	78781.92	394755.37	39.29	-0.83	-1.73
Concrete	1	971	9/2/2021 2:11:43 PM	78781.78	394755.32	39.29	-0.97	-0.10
Concrete	0	911	9/2/2021 2:11:45 PM	78781.67	394755.28	39.29	-1.11	-0.73
Concrete	0	946	9/2/2021 2:11:47 PM	78781.52	394755.28	39.29	-1.11	-0.37
Concrete	9	870	9/2/2021 2:11:49 PM	78781.44	394755.26	39.30	0.14	-1.16
Concrete	14	908	9/2/2021 2:11:51 PM	78781.25	394755.26	39.33	0.83	-0.76
Concrete	9	984	9/2/2021 2:11:53 PM	78781.13	394755.23	39.35	0.14	0.03
Concrete	17	1027	9/2/2021 2:11:55 PM	78781.05	394755.21	39.33	1.25	0.48
Concrete	20	1004	9/2/2021 2:11:57 PM	78781.04	394755.22	39.34	1.67	0.24
Concrete	13	982	9/2/2021 2:11:59 PM	78781.00	394755.24	39.33	0.69	0.01
Concrete	8	934	9/2/2021 2:12:01 PM	78781.00	394755.24	39.27	0.00	-0.49
Concrete	17	993	9/2/2021 2:12:03 PM	78780.92	394755.21	39.29	1.25	0.13
Concrete	11	975	9/2/2021 2:12:05 PM	78780.67	394755.21	39.29	0.42	-0.06
Concrete	7	920	9/2/2021 2:12:07 PM	78780.43	394755.19	39.29	-0.14	-0.64
Concrete	13	904	9/2/2021 2:12:09 PM	78780.33	394755.18	39.30	0.69	-0.81
Concrete	9	902	9/2/2021 2:12:11 PM	78780.17	394755.19	39.31	0.14	-0.83
Concrete	15	948	9/2/2021 2:12:13 PM	78779.99	394755.17	39.31	0.97	-0.35
Concrete	10	915	9/2/2021 2:12:15 PM	78779.85	394755.15	39.33	0.28	-0.69

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Concrete	6	1020	9/2/2021 2:12:17 PM	78779.66	394755.12	39.33	-0.28	0.41
Concrete	5	1034	9/2/2021 2:12:19 PM	78779.48	394755.14	39.33	-0.42	0.55
Concrete	15	933	9/2/2021 2:12:21 PM	78779.41	394755.14	39.34	0.97	-0.50
Concrete	9	931	9/2/2021 2:12:23 PM	78779.25	394755.06	39.35	0.14	-0.52
Concrete	6	933	9/2/2021 2:12:25 PM	78779.10	394755.06	39.35	-0.28	-0.50
Concrete	12	902	9/2/2021 2:12:27 PM	78778.97	394755.06	39.37	0.56	-0.83
Concrete	18	963	9/2/2021 2:12:29 PM	78778.82	394755.03	39.38	1.39	-0.19
Concrete	11	1036	9/2/2021 2:12:31 PM	78778.68	394755.01	39.39	0.42	0.58
Concrete	7	1115	9/2/2021 2:12:33 PM	78778.54	394755.02	39.40	-0.14	1.40
Concrete	24	1138	9/2/2021 2:12:35 PM	78778.44	394755.03	39.41	2.22	1.64
Concrete	16	1056	9/2/2021 2:12:37 PM	78778.33	394755.04	39.41	1.11	0.79
Concrete	10	1017	9/2/2021 2:12:39 PM	78778.20	394755.02	39.39	0.28	0.38
Concrete	7	1002	9/2/2021 2:12:41 PM	78778.06	394755.03	39.41	-0.14	0.22
Concrete	4	935	9/2/2021 2:12:43 PM	78777.95	394754.99	39.40	-0.56	-0.48
Concrete	3	1002	9/2/2021 2:12:45 PM	78777.86	394754.96	39.40	-0.69	0.22
Concrete	12	957	9/2/2021 2:12:47 PM	78777.67	394754.93	39.40	0.56	-0.25
Concrete	8	904	9/2/2021 2:12:49 PM	78777.55	394754.92	39.41	0.00	-0.81
Concrete	5	940	9/2/2021 2:12:51 PM	78777.48	394754.91	39.41	-0.42	-0.43
Concrete	3	867	9/2/2021 2:12:53 PM	78777.34	394754.86	39.41	-0.69	-1.19
Concrete	12	939	9/2/2021 2:12:55 PM	78777.18	394754.86	39.39	0.56	-0.44
Concrete	18	1027	9/2/2021 2:12:57 PM	78776.98	394754.83	39.39	1.39	0.48
Concrete	23	1041	9/2/2021 2:12:59 PM	78776.80	394754.81	39.36	2.08	0.63
Concrete	27	1050	9/2/2021 2:13:01 PM	78776.66	394754.78	39.35	2.64	0.72
Concrete	30	1057	9/2/2021 2:13:03 PM	78776.48	394754.68	39.37	3.06	0.80
Concrete	19	913	9/2/2021 2:13:05 PM	78776.50	394754.45	39.40	1.53	-0.71
Concrete	12	991	9/2/2021 2:13:07 PM	78776.64	394754.20	39.36	0.56	0.10
Concrete	8	964	9/2/2021 2:13:09 PM	78776.88	394753.95	39.30	0.00	-0.18
Concrete	5	942	9/2/2021 2:13:11 PM	78777.10	394754.15	39.31	-0.42	-0.41
Concrete	3	921	9/2/2021 2:13:13 PM	78776.95	394754.30	39.30	-0.69	-0.63
Concrete	2	950	9/2/2021 2:13:15 PM	78776.95	394754.30	39.29	-0.83	-0.32
Concrete	13	1029	9/2/2021 2:13:17 PM	78776.99	394754.31	39.29	0.69	0.50
Concrete	18	903	9/2/2021 2:13:19 PM	78777.12	394754.30	39.28	1.39	-0.82
Concrete	22	882	9/2/2021 2:13:21 PM	78777.32	394754.28	39.29	1.94	-1.04
Concrete	14	914	9/2/2021 2:13:23 PM	78777.40	394754.31	39.28	0.83	-0.70
Concrete	9	877	9/2/2021 2:13:25 PM	78777.60	394754.33	39.28	0.14	-1.09
Concrete	15	838	9/2/2021 2:13:27 PM	78777.74	394754.36	39.30	0.97	-1.50
Concrete	9	785	9/2/2021 2:13:29 PM	78777.81	394754.38	39.32	0.14	-2.05
Concrete	17	772	9/2/2021 2:13:31 PM	78777.98	394754.39	39.32	1.25	-2.19
Concrete	11	852	9/2/2021 2:13:33 PM	78778.17	394754.41	39.31	0.42	-1.35
Concrete	17	942	9/2/2021 2:13:35 PM	78778.42	394754.41	39.30	1.25	-0.41
Concrete	23	980	9/2/2021 2:13:37 PM	78778.67	394754.41	39.29	2.08	-0.01
Concrete	15	1036	9/2/2021 2:13:39 PM	78778.80	394754.47	39.30	0.97	0.58
Concrete	10	937	9/2/2021 2:13:41 PM	78779.03	394754.50	39.30	0.28	-0.46
Concrete	6	857	9/2/2021 2:13:43 PM	78779.28	394754.50	39.31	-0.28	-1.30
Concrete	4	971	9/2/2021 2:13:45 PM	78779.49	394754.54	39.32	-0.56	-0.10
Concrete	11	870	9/2/2021 2:13:47 PM	78779.70	394754.54	39.32	0.42	-1.16
Concrete	7	934	9/2/2021 2:13:49 PM	78779.94	394754.58	39.34	-0.14	-0.49
Concrete	5	912	9/2/2021 2:13:51 PM	78780.12	394754.61	39.32	-0.42	-0.72
Concrete	3	834	9/2/2021 2:13:53 PM	78780.19	394754.63	39.31	-0.69	-1.54
Concrete	2	931	9/2/2021 2:13:55 PM	78780.31	394754.64	39.30	-0.83	-0.52
Concrete	1	920	9/2/2021 2:13:57 PM	78780.53	394754.66	39.30	-0.97	-0.64
Concrete	0	895	9/2/2021 2:13:59 PM	78780.69	394754.68	39.31	-1.11	-0.90
Concrete	0	981	9/2/2021 2:14:01 PM	78780.85	394754.69	39.31	-1.11	0.00
Concrete	24	866	9/2/2021 2:14:03 PM	78781.02	394754.72	39.33	2.22	-1.20
Concrete	16	866	9/2/2021 2:14:05 PM	78781.15	394754.74	39.33	1.11	-1.20
Concrete	10	808	9/2/2021 2:14:07 PM	78781.31	394754.74	39.34	0.28	-1.81
Concrete	7	785	9/2/2021 2:14:09 PM	78781.39	394754.76	39.35	-0.14	-2.05
Concrete	16	802	9/2/2021 2:14:11 PM	78781.52	394754.79	39.36	1.11	-1.87
Concrete	11	776	9/2/2021 2:14:13 PM	78781.62	394754.79	39.36	0.42	-2.15
Concrete	7	884	9/2/2021 2:14:15 PM	78781.77	394754.78	39.35	-0.14	-1.02
Concrete	15	922	9/2/2021 2:14:17 PM	78781.92	394754.78	39.34	0.97	-0.62
Concrete	10	1016	9/2/2021 2:14:19 PM	78782.04	394754.79	39.34	0.28	0.37

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Concrete	15	973	9/2/2021 2:14:21 PM	78782.19	394754.79	39.33	0.97	-0.08
Concrete	10	1110	9/2/2021 2:14:23 PM	78782.21	394754.80	39.36	0.28	1.35
Concrete	6	1008	9/2/2021 2:14:25 PM	78782.36	394754.85	39.37	-0.28	0.28
Concrete	16	878	9/2/2021 2:14:27 PM	78782.42	394754.86	39.38	1.11	-1.08
Concrete	10	883	9/2/2021 2:14:29 PM	78782.58	394754.87	39.40	0.28	-1.03
Concrete	7	789	9/2/2021 2:14:31 PM	78782.72	394754.89	39.41	-0.14	-2.01
Concrete	4	715	9/2/2021 2:14:33 PM	78782.77	394754.88	39.41	-0.56	-2.79
Concrete	11	784	9/2/2021 2:14:35 PM	78782.95	394754.90	39.42	0.42	-2.06
Concrete	8	820	9/2/2021 2:14:37 PM	78783.15	394754.95	39.43	0.00	-1.69
Concrete	5	867	9/2/2021 2:14:39 PM	78783.31	394754.96	39.45	-0.42	-1.19
Concrete	3	963	9/2/2021 2:14:41 PM	78783.43	394755.00	39.42	-0.69	-0.19
Concrete	2	903	9/2/2021 2:14:43 PM	78783.37	394754.98	39.48	-0.83	-0.82
Concrete	10	901	9/2/2021 2:14:45 PM	78783.49	394754.99	39.45	0.28	-0.84
Concrete	6	880	9/2/2021 2:14:47 PM	78783.60	394755.02	39.47	-0.28	-1.06
Concrete	16	933	9/2/2021 2:14:49 PM	78783.83	394755.06	39.45	1.11	-0.50
Concrete	10	919	9/2/2021 2:14:51 PM	78783.93	394755.04	39.40	0.28	-0.65
Concrete	18	903	9/2/2021 2:14:53 PM	78783.98	394755.06	39.40	1.39	-0.82
Concrete	23	949	9/2/2021 2:14:55 PM	78784.05	394755.09	39.39	2.08	-0.34
Concrete	15	968	9/2/2021 2:14:57 PM	78784.31	394755.16	39.41	0.97	-0.14
Concrete	10	1020	9/2/2021 2:14:59 PM	78784.56	394755.15	39.38	0.28	0.41
Concrete	28	959	9/2/2021 2:15:01 PM	78784.79	394755.13	39.36	2.78	-0.23
Concrete	39	932	9/2/2021 2:15:03 PM	78784.96	394755.16	39.34	4.31	-0.51
Concrete	25	905	9/2/2021 2:15:05 PM	78785.14	394755.14	39.32	2.36	-0.80
Concrete	25	875	9/2/2021 2:15:07 PM	78785.29	394755.18	39.34	2.36	-1.11
Concrete	16	933	9/2/2021 2:15:09 PM	78785.40	394755.17	39.34	1.11	-0.50
Concrete	19	938	9/2/2021 2:15:11 PM	78785.67	394755.18	39.33	1.53	-0.45
Concrete	13	888	9/2/2021 2:15:13 PM	78785.86	394755.19	39.34	0.69	-0.97
Concrete	8	845	9/2/2021 2:15:15 PM	78786.09	394755.24	39.36	0.00	-1.42
Concrete	5	948	9/2/2021 2:15:17 PM	78786.19	394755.25	39.38	-0.42	-0.35
Concrete	3	868	9/2/2021 2:15:19 PM	78786.24	394755.25	39.39	-0.69	-1.18
Concrete	2	822	9/2/2021 2:15:21 PM	78786.40	394755.35	39.41	-0.83	-1.66
Concrete	13	916	9/2/2021 2:15:23 PM	78786.47	394755.35	39.39	0.69	-0.68
Concrete	8	907	9/2/2021 2:15:25 PM	78786.60	394755.26	39.40	0.00	-0.77
Concrete	16	956	9/2/2021 2:15:27 PM	78786.80	394755.32	39.41	1.11	-0.26
Concrete	11	913	9/2/2021 2:15:29 PM	78786.90	394755.34	39.42	0.42	-0.71
Concrete	7	900	9/2/2021 2:15:31 PM	78786.97	394755.34	39.42	-0.14	-0.85
Concrete	4	927	9/2/2021 2:15:33 PM	78787.24	394755.34	39.41	-0.56	-0.57
Concrete	3	892	9/2/2021 2:15:35 PM	78787.43	394755.35	39.41	-0.69	-0.93
Concrete	2	920	9/2/2021 2:15:37 PM	78787.78	394755.41	39.41	-0.83	-0.64
Concrete	1	857	9/2/2021 2:15:39 PM	78788.03	394755.45	39.42	-0.97	-1.30
Concrete	0	877	9/2/2021 2:15:41 PM	78788.24	394755.48	39.42	-1.11	-1.09
Concrete	0	948	9/2/2021 2:15:43 PM	78788.55	394755.49	39.41	-1.11	-0.35
Concrete	0	950	9/2/2021 2:15:45 PM	78788.80	394755.51	39.39	-1.11	-0.32
Concrete	0	823	9/2/2021 2:15:47 PM	78789.01	394755.51	39.36	-1.11	-1.65
Concrete	0	802	9/2/2021 2:15:49 PM	78789.12	394755.52	39.36	-1.11	-1.87
Concrete	0	896	9/2/2021 2:15:51 PM	78789.05	394755.09	39.35	-1.11	-0.89
Concrete	0	832	9/2/2021 2:15:53 PM	78788.82	394754.87	39.37	-1.11	-1.56
Concrete	0	809	9/2/2021 2:15:55 PM	78788.77	394754.86	39.38	-1.11	-1.80
Concrete	0	807	9/2/2021 2:15:57 PM	78788.35	394754.98	39.39	-1.11	-1.82
Concrete	22	884	9/2/2021 2:15:59 PM	78788.24	394755.12	39.42	1.94	-1.02
Concrete	14	956	9/2/2021 2:16:01 PM	78788.17	394755.12	39.46	0.83	-0.26
Concrete	9	969	9/2/2021 2:16:03 PM	78787.92	394755.07	39.46	0.14	-0.13
Concrete	18	953	9/2/2021 2:16:05 PM	78787.78	394755.05	39.49	1.39	-0.29
Concrete	11	948	9/2/2021 2:16:07 PM	78787.64	394755.01	39.51	0.42	-0.35
Concrete	18	957	9/2/2021 2:16:09 PM	78787.46	394755.02	39.51	1.39	-0.25
Concrete	12	1054	9/2/2021 2:16:11 PM	78787.37	394754.99	39.50	0.56	0.76
Concrete	8	991	9/2/2021 2:16:13 PM	78787.06	394754.90	39.51	0.00	0.10
Concrete	5	978	9/2/2021 2:16:15 PM	78786.76	394754.89	39.54	-0.42	-0.03
Concrete	25	1053	9/2/2021 2:16:17 PM	78786.60	394754.86	39.57	2.36	0.75
Concrete	16	1071	9/2/2021 2:16:19 PM	78786.36	394754.84	39.58	1.11	0.94
Concrete	11	1001	9/2/2021 2:16:21 PM	78786.15	394754.80	39.59	0.42	0.21
Concrete	7	1000	9/2/2021 2:16:23 PM	78785.96	394754.75	39.61	-0.14	0.20

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Concrete	4	931	9/2/2021 2:16:25 PM	78785.83	394754.73	39.61	-0.56	-0.52
Concrete	3	814	9/2/2021 2:16:27 PM	78785.73	394754.71	39.62	-0.69	-1.75
Concrete	2	829	9/2/2021 2:16:29 PM	78785.60	394754.66	39.64	-0.83	-1.59
Concrete	1	933	9/2/2021 2:16:31 PM	78785.47	394754.64	39.66	-0.97	-0.50
Concrete	0	897	9/2/2021 2:16:33 PM	78785.33	394754.61	39.68	-1.11	-0.88
Concrete	0	1047	9/2/2021 2:16:35 PM	78785.18	394754.60	39.70	-1.11	0.69
Concrete	0	956	9/2/2021 2:16:37 PM	78785.11	394754.57	39.72	-1.11	-0.26
Concrete	18	937	9/2/2021 2:16:39 PM	78784.96	394754.54	39.73	1.39	-0.46
Concrete	12	1001	9/2/2021 2:16:41 PM	78784.81	394754.57	39.74	0.56	0.21
Concrete	18	994	9/2/2021 2:16:43 PM	78784.64	394754.53	39.74	1.39	0.14
Concrete	11	971	9/2/2021 2:16:45 PM	78784.52	394754.52	39.74	0.42	-0.10
Concrete	7	970	9/2/2021 2:16:47 PM	78784.36	394754.52	39.73	-0.14	-0.12
Concrete	5	900	9/2/2021 2:16:49 PM	78784.22	394754.51	39.72	-0.42	-0.85
Concrete	3	853	9/2/2021 2:16:51 PM	78784.15	394754.46	39.75	-0.69	-1.34
Concrete	14	812	9/2/2021 2:16:53 PM	78783.99	394754.45	39.71	0.83	-1.77
Concrete	21	950	9/2/2021 2:16:55 PM	78783.81	394754.45	39.71	1.81	-0.32
Concrete	14	830	9/2/2021 2:16:57 PM	78783.77	394754.44	39.71	0.83	-1.58
Concrete	9	847	9/2/2021 2:16:59 PM	78783.60	394754.45	39.69	0.14	-1.40
Concrete	6	903	9/2/2021 2:17:01 PM	78783.36	394754.42	39.67	-0.28	-0.82
Concrete	3	918	9/2/2021 2:17:03 PM	78783.13	394754.44	39.68	-0.69	-0.66
Concrete	2	943	9/2/2021 2:17:05 PM	78783.04	394754.44	39.69	-0.83	-0.40
Concrete	1	954	9/2/2021 2:17:07 PM	78782.93	394754.42	39.69	-0.97	-0.28
Concrete	11	977	9/2/2021 2:17:09 PM	78782.74	394754.46	39.69	0.42	-0.04
Concrete	15	1046	9/2/2021 2:17:11 PM	78782.54	394754.45	39.67	0.97	0.68
Concrete	10	985	9/2/2021 2:17:13 PM	78782.39	394754.47	39.66	0.28	0.04
Concrete	7	891	9/2/2021 2:17:15 PM	78782.22	394754.45	39.65	-0.14	-0.94
Concrete	4	855	9/2/2021 2:17:17 PM	78782.13	394754.43	39.63	-0.56	-1.32
Concrete	3	866	9/2/2021 2:17:19 PM	78782.01	394754.42	39.63	-0.69	-1.20
Concrete	2	896	9/2/2021 2:17:21 PM	78781.84	394754.40	39.62	-0.83	-0.89
Concrete	1	917	9/2/2021 2:17:23 PM	78781.64	394754.40	39.61	-0.97	-0.67
Concrete	0	938	9/2/2021 2:17:25 PM	78781.43	394754.39	39.58	-1.11	-0.45
Concrete	9	852	9/2/2021 2:17:27 PM	78781.26	394754.38	39.57	0.14	-1.35
Concrete	6	913	9/2/2021 2:17:29 PM	78781.19	394754.35	39.57	-0.28	-0.71
Concrete	4	879	9/2/2021 2:17:31 PM	78781.05	394754.31	39.57	-0.56	-1.07
Concrete	2	886	9/2/2021 2:17:33 PM	78780.89	394754.30	39.56	-0.83	-0.99
Concrete	13	831	9/2/2021 2:17:35 PM	78780.77	394754.29	39.55	0.69	-1.57
Concrete	9	900	9/2/2021 2:17:37 PM	78780.60	394754.28	39.55	0.14	-0.85
Concrete	15	855	9/2/2021 2:17:39 PM	78780.50	394754.24	39.54	0.97	-1.32
Concrete	10	943	9/2/2021 2:17:41 PM	78780.40	394754.20	39.53	0.28	-0.40
Concrete	16	951	9/2/2021 2:17:43 PM	78780.24	394754.21	39.54	1.11	-0.31
Concrete	20	988	9/2/2021 2:17:45 PM	78780.11	394754.21	39.53	1.67	0.07
Concrete	13	870	9/2/2021 2:17:47 PM	78780.02	394754.19	39.52	0.69	-1.16
Concrete	8	857	9/2/2021 2:17:49 PM	78779.90	394754.16	39.51	0.00	-1.30
Concrete	5	896	9/2/2021 2:17:51 PM	78779.81	394754.16	39.51	-0.42	-0.89
Concrete	3	985	9/2/2021 2:17:53 PM	78779.68	394754.11	39.51	-0.69	0.04
Concrete	2	1018	9/2/2021 2:17:55 PM	78779.51	394754.06	39.50	-0.83	0.39
Concrete	1	1045	9/2/2021 2:17:57 PM	78779.45	394754.07	39.49	-0.97	0.67
Concrete	1	989	9/2/2021 2:17:59 PM	78779.37	394754.06	39.52	-0.97	0.08
Concrete	0	870	9/2/2021 2:18:01 PM	78779.23	394754.03	39.52	-1.11	-1.16
Concrete	0	904	9/2/2021 2:18:03 PM	78779.15	394754.01	39.51	-1.11	-0.81
Concrete	11	956	9/2/2021 2:18:05 PM	78778.96	394754.00	39.52	0.42	-0.26
Concrete	7	896	9/2/2021 2:18:07 PM	78778.80	394753.99	39.50	-0.14	-0.89
Concrete	24	1049	9/2/2021 2:18:09 PM	78778.65	394753.98	39.48	2.22	0.71
Concrete	15	988	9/2/2021 2:18:11 PM	78778.46	394753.93	39.48	0.97	0.07
Concrete	10	976	9/2/2021 2:18:13 PM	78778.27	394753.89	39.48	0.28	-0.05
Concrete	7	1030	9/2/2021 2:18:15 PM	78778.13	394753.91	39.45	-0.14	0.51
Concrete	4	1071	9/2/2021 2:18:17 PM	78777.96	394753.88	39.46	-0.56	0.94
Concrete	3	899	9/2/2021 2:18:19 PM	78777.83	394753.87	39.46	-0.69	-0.86
Concrete	2	978	9/2/2021 2:18:21 PM	78777.72	394753.85	39.45	-0.83	-0.03
Concrete	10	867	9/2/2021 2:18:23 PM	78777.48	394753.81	39.46	0.28	-1.19
Concrete	6	870	9/2/2021 2:18:25 PM	78777.28	394753.77	39.47	-0.28	-1.16
Concrete	4	946	9/2/2021 2:18:27 PM	78777.09	394753.83	39.43	-0.56	-0.37

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Concrete	3	1011	9/2/2021 2:18:29 PM	78776.98	394753.80	39.43	-0.69	0.31
Concrete	2	1077	9/2/2021 2:18:31 PM	78776.84	394753.75	39.45	-0.83	1.01
Concrete	10	975	9/2/2021 2:18:33 PM	78776.70	394753.50	39.45	0.28	-0.06
Concrete	15	941	9/2/2021 2:18:35 PM	78776.62	394753.22	39.47	0.97	-0.42
Concrete	10	957	9/2/2021 2:18:37 PM	78777.21	394753.14	39.50	0.28	-0.25
Concrete	6	911	9/2/2021 2:18:39 PM	78777.13	394753.35	39.49	-0.28	-0.73
Concrete	4	988	9/2/2021 2:18:41 PM	78777.08	394753.46	39.48	-0.56	0.07
Concrete	3	918	9/2/2021 2:18:43 PM	78777.06	394753.48	39.42	-0.69	-0.66
Concrete	2	1035	9/2/2021 2:18:45 PM	78777.05	394753.50	39.40	-0.83	0.57
Concrete	1	1038	9/2/2021 2:18:47 PM	78777.03	394753.51	39.37	-0.97	0.60
Concrete	12	897	9/2/2021 2:18:49 PM	78777.03	394753.52	39.35	0.56	-0.88
Concrete	8	891	9/2/2021 2:18:51 PM	78777.18	394753.53	39.33	0.00	-0.94
Concrete	14	918	9/2/2021 2:18:53 PM	78777.37	394753.51	39.31	0.83	-0.66
Concrete	9	896	9/2/2021 2:18:55 PM	78777.73	394753.52	39.30	0.14	-0.89
Concrete	6	993	9/2/2021 2:18:57 PM	78778.05	394753.55	39.31	-0.28	0.13
Concrete	4	974	9/2/2021 2:18:59 PM	78778.27	394753.56	39.31	-0.56	-0.07
Concrete	2	997	9/2/2021 2:19:01 PM	78778.36	394753.57	39.31	-0.83	0.17
Concrete	1	991	9/2/2021 2:19:03 PM	78778.58	394753.56	39.31	-0.97	0.10
Concrete	11	897	9/2/2021 2:19:05 PM	78778.78	394753.60	39.29	0.42	-0.88
Concrete	7	986	9/2/2021 2:19:07 PM	78778.97	394753.63	39.28	-0.14	0.05
Concrete	5	1038	9/2/2021 2:19:09 PM	78779.21	394753.64	39.30	-0.42	0.60
Concrete	3	959	9/2/2021 2:19:11 PM	78779.40	394753.68	39.31	-0.69	-0.23
Concrete	2	940	9/2/2021 2:19:13 PM	78779.54	394753.68	39.33	-0.83	-0.43
Concrete	1	932	9/2/2021 2:19:15 PM	78779.72	394753.74	39.34	-0.97	-0.51
Concrete	11	963	9/2/2021 2:19:17 PM	78779.93	394753.75	39.35	0.42	-0.19
Concrete	7	970	9/2/2021 2:19:19 PM	78780.11	394753.75	39.36	-0.14	-0.12
Concrete	17	1017	9/2/2021 2:19:21 PM	78780.28	394753.76	39.36	1.25	0.38
Concrete	11	890	9/2/2021 2:19:23 PM	78780.37	394753.79	39.35	0.42	-0.95
Concrete	19	868	9/2/2021 2:19:25 PM	78780.57	394753.78	39.35	1.53	-1.18
Concrete	12	813	9/2/2021 2:19:27 PM	78780.69	394753.79	39.34	0.56	-1.76
Concrete	8	942	9/2/2021 2:19:29 PM	78780.93	394753.80	39.35	0.00	-0.41
Concrete	15	899	9/2/2021 2:19:31 PM	78781.00	394753.80	39.35	0.97	-0.86
Concrete	10	949	9/2/2021 2:19:33 PM	78781.15	394753.80	39.35	0.28	-0.34
Concrete	15	866	9/2/2021 2:19:35 PM	78781.28	394753.82	39.34	0.97	-1.20
Concrete	10	941	9/2/2021 2:19:37 PM	78781.43	394753.83	39.34	0.28	-0.42
Concrete	16	942	9/2/2021 2:19:39 PM	78781.57	394753.85	39.34	1.11	-0.41
Concrete	10	975	9/2/2021 2:19:41 PM	78781.74	394753.88	39.35	0.28	-0.06
Concrete	7	932	9/2/2021 2:19:43 PM	78781.89	394753.90	39.38	-0.14	-0.51
Concrete	4	928	9/2/2021 2:19:45 PM	78782.04	394753.90	39.38	-0.56	-0.55
Concrete	3	1001	9/2/2021 2:19:47 PM	78782.16	394753.92	39.37	-0.69	0.21
Concrete	12	1048	9/2/2021 2:19:49 PM	78782.30	394753.94	39.38	0.56	0.70
Concrete	8	1001	9/2/2021 2:19:51 PM	78782.42	394753.96	39.39	0.00	0.21
Concrete	17	978	9/2/2021 2:19:53 PM	78782.52	394754.01	39.41	1.25	-0.03
Concrete	11	910	9/2/2021 2:19:55 PM	78782.66	394754.04	39.42	0.42	-0.74
Concrete	7	971	9/2/2021 2:19:57 PM	78782.82	394754.08	39.43	-0.14	-0.10
Concrete	17	1052	9/2/2021 2:19:59 PM	78783.03	394754.12	39.43	1.25	0.74
Concrete	11	903	9/2/2021 2:20:01 PM	78783.23	394754.13	39.43	0.42	-0.82
Concrete	7	955	9/2/2021 2:20:03 PM	78783.27	394754.12	39.43	-0.14	-0.27
Concrete	16	1008	9/2/2021 2:20:05 PM	78783.47	394754.16	39.45	1.11	0.28
Concrete	42	881	9/2/2021 2:20:07 PM	78783.69	394754.20	39.46	4.72	-1.05
Concrete	27	862	9/2/2021 2:20:09 PM	78783.87	394754.23	39.50	2.64	-1.25
Concrete	30	827	9/2/2021 2:20:11 PM	78784.13	394754.22	39.44	3.06	-1.61
Concrete	32	844	9/2/2021 2:20:13 PM	78784.49	394754.27	39.42	3.33	-1.43
Concrete	21	870	9/2/2021 2:20:15 PM	78784.67	394754.35	39.43	1.81	-1.16
Concrete	13	931	9/2/2021 2:20:17 PM	78784.81	394754.38	39.40	0.69	-0.52
Concrete	18	960	9/2/2021 2:20:19 PM	78785.14	394754.39	39.37	1.39	-0.22
Concrete	12	911	9/2/2021 2:20:21 PM	78785.47	394754.37	39.35	0.56	-0.73
Concrete	8	795	9/2/2021 2:20:23 PM	78785.76	394754.38	39.33	0.00	-1.95
Concrete	5	838	9/2/2021 2:20:25 PM	78785.96	394754.40	39.33	-0.42	-1.50
Concrete	24	912	9/2/2021 2:20:27 PM	78786.19	394754.41	39.34	2.22	-0.72
Concrete	15	816	9/2/2021 2:20:29 PM	78786.48	394754.42	39.36	0.97	-1.73
Concrete	10	836	9/2/2021 2:20:31 PM	78786.66	394754.46	39.40	0.28	-1.52

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Concrete	6	892	9/2/2021 2:20:33 PM	78786.75	394754.47	39.41	-0.28	-0.93
Concrete	4	904	9/2/2021 2:20:35 PM	78786.94	394754.47	39.42	-0.56	-0.81
Concrete	13	1025	9/2/2021 2:20:37 PM	78787.11	394754.48	39.44	0.69	0.46
Concrete	9	1058	9/2/2021 2:20:39 PM	78787.30	394754.49	39.45	0.14	0.81
Concrete	18	1021	9/2/2021 2:20:41 PM	78787.51	394754.49	39.47	1.39	0.42
Concrete	11	1018	9/2/2021 2:20:43 PM	78787.67	394754.51	39.48	0.42	0.39
Concrete	7	933	9/2/2021 2:20:45 PM	78787.85	394754.55	39.48	-0.14	-0.50
Concrete	5	1011	9/2/2021 2:20:47 PM	78788.01	394754.55	39.49	-0.42	0.31
Concrete	13	983	9/2/2021 2:20:49 PM	78788.21	394754.59	39.51	0.69	0.02
Concrete	8	970	9/2/2021 2:20:51 PM	78788.40	394754.61	39.52	0.00	-0.12
Concrete	5	1022	9/2/2021 2:20:53 PM	78788.57	394754.62	39.53	-0.42	0.43
Concrete	3	1003	9/2/2021 2:20:55 PM	78788.69	394754.62	39.51	-0.69	0.23
Concrete	2	951	9/2/2021 2:20:57 PM	78788.87	394754.67	39.50	-0.83	-0.31
Concrete	1	883	9/2/2021 2:20:59 PM	78789.05	394754.73	39.49	-0.97	-1.03
Concrete	1	776	9/2/2021 2:21:01 PM	78789.24	394754.61	39.48	-0.97	-2.15
Concrete	0	719	9/2/2021 2:21:03 PM	78789.26	394754.48	39.46	-1.11	-2.74
Concrete	0	815	9/2/2021 2:21:05 PM	78789.21	394754.28	39.48	-1.11	-1.74
Concrete	18	908	9/2/2021 2:21:07 PM	78789.05	394754.15	39.46	1.39	-0.76
Concrete	12	831	9/2/2021 2:21:09 PM	78788.80	394754.09	39.45	0.56	-1.57
Concrete	8	794	9/2/2021 2:21:11 PM	78788.48	394754.19	39.41	0.00	-1.96
Concrete	5	777	9/2/2021 2:21:13 PM	78788.23	394754.28	39.41	-0.42	-2.14
Concrete	38	938	9/2/2021 2:21:15 PM	78788.03	394754.23	39.38	4.17	-0.45
Concrete	25	939	9/2/2021 2:21:17 PM	78787.87	394754.21	39.37	2.36	-0.44
Concrete	16	919	9/2/2021 2:21:19 PM	78787.65	394754.23	39.34	1.11	-0.65
Concrete	11	858	9/2/2021 2:21:21 PM	78787.47	394754.18	39.32	0.42	-1.29
Concrete	7	904	9/2/2021 2:21:23 PM	78787.32	394754.18	39.31	-0.14	-0.81
Concrete	4	921	9/2/2021 2:21:25 PM	78787.12	394754.15	39.29	-0.56	-0.63
Concrete	23	1024	9/2/2021 2:21:27 PM	78786.98	394754.11	39.28	2.08	0.45
Concrete	15	977	9/2/2021 2:21:29 PM	78786.79	394754.11	39.26	0.97	-0.04
Concrete	10	928	9/2/2021 2:21:31 PM	78786.65	394754.13	39.26	0.28	-0.55
Concrete	18	973	9/2/2021 2:21:33 PM	78786.54	394754.12	39.26	1.39	-0.08
Concrete	12	944	9/2/2021 2:21:35 PM	78786.45	394754.10	39.26	0.56	-0.39
Concrete	8	995	9/2/2021 2:21:37 PM	78786.34	394754.10	39.26	0.00	0.15
Concrete	5	923	9/2/2021 2:21:39 PM	78786.26	394754.09	39.27	-0.42	-0.61
Concrete	3	950	9/2/2021 2:21:41 PM	78786.10	394754.07	39.27	-0.69	-0.32
Concrete	13	933	9/2/2021 2:21:43 PM	78786.03	394754.10	39.26	0.69	-0.50
Concrete	8	897	9/2/2021 2:21:45 PM	78785.85	394754.04	39.27	0.00	-0.88
Concrete	14	1027	9/2/2021 2:21:47 PM	78785.71	394754.04	39.26	0.83	0.48
Concrete	20	974	9/2/2021 2:21:49 PM	78785.55	394754.03	39.28	1.67	-0.07
Concrete	13	1016	9/2/2021 2:21:51 PM	78785.43	394753.98	39.28	0.69	0.37
Concrete	30	997	9/2/2021 2:21:53 PM	78785.32	394753.97	39.29	3.06	0.17
Concrete	41	923	9/2/2021 2:21:55 PM	78785.13	394753.98	39.32	4.58	-0.61
Concrete	27	934	9/2/2021 2:21:57 PM	78785.01	394753.92	39.34	2.64	-0.49
Concrete	26	955	9/2/2021 2:21:59 PM	78784.81	394753.97	39.37	2.50	-0.27
Concrete	17	923	9/2/2021 2:22:01 PM	78784.71	394753.95	39.38	1.25	-0.61
Concrete	11	976	9/2/2021 2:22:03 PM	78784.58	394753.93	39.40	0.42	-0.05
Concrete	7	993	9/2/2021 2:22:05 PM	78784.47	394753.95	39.40	-0.14	0.13
Concrete	17	951	9/2/2021 2:22:07 PM	78784.28	394753.87	39.41	1.25	-0.31
Concrete	11	970	9/2/2021 2:22:09 PM	78784.14	394753.84	39.42	0.42	-0.12
Concrete	18	864	9/2/2021 2:22:11 PM	78784.03	394753.84	39.41	1.39	-1.23
Concrete	11	1001	9/2/2021 2:22:13 PM	78783.88	394753.81	39.42	0.42	0.21
Concrete	30	979	9/2/2021 2:22:15 PM	78783.64	394753.82	39.41	3.06	-0.02
Concrete	20	865	9/2/2021 2:22:17 PM	78783.49	394753.82	39.41	1.67	-1.21
Concrete	13	956	9/2/2021 2:22:19 PM	78783.25	394753.77	39.40	0.69	-0.26
Concrete	8	961	9/2/2021 2:22:21 PM	78783.12	394753.76	39.40	0.00	-0.21
Concrete	5	1001	9/2/2021 2:22:23 PM	78782.95	394753.72	39.43	-0.42	0.21
Concrete	3	1009	9/2/2021 2:22:25 PM	78782.74	394753.70	39.42	-0.69	0.29
Concrete	2	963	9/2/2021 2:22:27 PM	78782.51	394753.69	39.42	-0.83	-0.19
Concrete	1	1030	9/2/2021 2:22:29 PM	78782.31	394753.66	39.43	-0.97	0.51
Concrete	1	1029	9/2/2021 2:22:31 PM	78782.08	394753.63	39.42	-0.97	0.50
Concrete	9	1016	9/2/2021 2:22:33 PM	78781.90	394753.63	39.45	0.14	0.37
Concrete	6	1080	9/2/2021 2:22:35 PM	78781.79	394753.64	39.45	-0.28	1.04

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Concrete	4	1018	9/2/2021 2:22:37 PM	78781.59	394753.63	39.48	-0.56	0.39
Concrete	2	995	9/2/2021 2:22:39 PM	78781.44	394753.59	39.51	-0.83	0.15
Concrete	10	994	9/2/2021 2:22:41 PM	78781.25	394753.60	39.51	0.28	0.14
Concrete	7	1043	9/2/2021 2:22:43 PM	78781.06	394753.56	39.52	-0.14	0.65
Concrete	4	939	9/2/2021 2:22:45 PM	78780.90	394753.56	39.53	-0.56	-0.44
Concrete	11	921	9/2/2021 2:22:47 PM	78780.72	394753.52	39.56	0.42	-0.63
Concrete	7	983	9/2/2021 2:22:49 PM	78780.58	394753.49	39.56	-0.14	0.02
Concrete	5	989	9/2/2021 2:22:51 PM	78780.39	394753.47	39.58	-0.42	0.08
Concrete	3	1099	9/2/2021 2:22:53 PM	78780.22	394753.45	39.58	-0.69	1.24
Concrete	2	1041	9/2/2021 2:22:55 PM	78780.10	394753.41	39.58	-0.83	0.63
Concrete	1	905	9/2/2021 2:22:57 PM	78779.92	394753.40	39.56	-0.97	-0.80
Concrete	10	884	9/2/2021 2:22:59 PM	78779.79	394753.37	39.58	0.28	-1.02
Concrete	7	953	9/2/2021 2:23:01 PM	78779.64	394753.37	39.59	-0.14	-0.29
Concrete	13	1003	9/2/2021 2:23:03 PM	78779.42	394753.35	39.61	0.69	0.23
Concrete	8	1066	9/2/2021 2:23:05 PM	78779.27	394753.34	39.61	0.00	0.89
Concrete	5	1032	9/2/2021 2:23:07 PM	78779.17	394753.32	39.59	-0.42	0.53
Concrete	3	897	9/2/2021 2:23:09 PM	78778.94	394753.33	39.61	-0.69	-0.88
Concrete	2	947	9/2/2021 2:23:11 PM	78778.78	394753.26	39.63	-0.83	-0.36
Concrete	1	905	9/2/2021 2:23:13 PM	78778.69	394753.21	39.63	-0.97	-0.80
Concrete	1	902	9/2/2021 2:23:15 PM	78778.50	394753.23	39.60	-0.97	-0.83
Concrete	0	999	9/2/2021 2:23:17 PM	78778.36	394753.21	39.60	-1.11	0.19
Concrete	0	1071	9/2/2021 2:23:19 PM	78778.18	394753.19	39.60	-1.11	0.94
Concrete	9	1017	9/2/2021 2:23:21 PM	78778.05	394753.18	39.59	0.14	0.38
Concrete	6	944	9/2/2021 2:23:23 PM	78777.85	394753.17	39.57	-0.28	-0.39
Concrete	3	989	9/2/2021 2:23:25 PM	78777.69	394753.13	39.56	-0.69	0.08
Concrete	2	1025	9/2/2021 2:23:27 PM	78777.50	394753.10	39.55	-0.83	0.46
Concrete	1	979	9/2/2021 2:23:29 PM	78777.35	394753.09	39.56	-0.97	-0.02
Concrete	1	1042	9/2/2021 2:23:31 PM	78777.22	394753.06	39.58	-0.97	0.64
Concrete	0	1017	9/2/2021 2:23:33 PM	78777.05	394753.07	39.59	-1.11	0.38
Concrete	0	987	9/2/2021 2:23:35 PM	78776.87	394753.03	39.61	-1.11	0.06
Concrete	12	1031	9/2/2021 2:23:37 PM	78776.78	394752.98	39.60	0.56	0.52
Concrete	8	1097	9/2/2021 2:23:39 PM	78776.67	394752.87	39.63	0.00	1.21
Concrete	5	972	9/2/2021 2:23:41 PM	78776.59	394752.62	39.63	-0.42	-0.09
Concrete	3	870	9/2/2021 2:23:43 PM	78776.72	394752.38	39.65	-0.69	-1.16
Concrete	13	800	9/2/2021 2:23:45 PM	78776.82	394752.35	39.63	0.69	-1.90
Concrete	8	899	9/2/2021 2:23:47 PM	78777.27	394752.46	39.62	0.00	-0.86
Concrete	5	931	9/2/2021 2:23:49 PM	78777.03	394752.60	39.67	-0.42	-0.52
Concrete	3	862	9/2/2021 2:23:51 PM	78777.00	394752.59	39.65	-0.69	-1.25
Concrete	2	906	9/2/2021 2:23:53 PM	78777.07	394752.62	39.58	-0.83	-0.79
Concrete	1	906	9/2/2021 2:23:55 PM	78777.28	394752.64	39.56	-0.97	-0.79
Concrete	1	995	9/2/2021 2:23:57 PM	78777.43	394752.69	39.54	-0.97	0.15
Concrete	12	886	9/2/2021 2:23:59 PM	78777.66	394752.71	39.52	0.56	-0.99
Concrete	8	976	9/2/2021 2:24:01 PM	78777.85	394752.71	39.50	0.00	-0.05
Concrete	5	956	9/2/2021 2:24:03 PM	78778.03	394752.72	39.48	-0.42	-0.26
Concrete	3	1077	9/2/2021 2:24:05 PM	78778.26	394752.74	39.46	-0.69	1.01
Concrete	2	976	9/2/2021 2:24:07 PM	78778.48	394752.75	39.46	-0.83	-0.05
Concrete	1	1068	9/2/2021 2:24:09 PM	78778.60	394752.78	39.45	-0.97	0.91
Concrete	13	987	9/2/2021 2:24:11 PM	78778.83	394752.83	39.45	0.69	0.06
Concrete	8	945	9/2/2021 2:24:13 PM	78779.05	394752.86	39.45	0.00	-0.38
Concrete	5	1059	9/2/2021 2:24:15 PM	78779.29	394752.87	39.45	-0.42	0.82
Concrete	3	985	9/2/2021 2:24:17 PM	78779.51	394752.88	39.45	-0.69	0.04
Concrete	11	945	9/2/2021 2:24:19 PM	78779.72	394752.94	39.45	0.42	-0.38
Concrete	7	873	9/2/2021 2:24:21 PM	78779.92	394752.94	39.44	-0.14	-1.13
Concrete	4	969	9/2/2021 2:24:23 PM	78780.15	394752.95	39.44	-0.56	-0.13
Concrete	12	932	9/2/2021 2:24:25 PM	78780.41	394752.97	39.43	0.56	-0.51
Concrete	7	920	9/2/2021 2:24:27 PM	78780.63	394752.98	39.42	-0.14	-0.64
Concrete	5	758	9/2/2021 2:24:29 PM	78780.91	394753.03	39.43	-0.42	-2.34
Concrete	3	862	9/2/2021 2:24:31 PM	78781.16	394753.08	39.43	-0.69	-1.25
Concrete	2	887	9/2/2021 2:24:33 PM	78781.37	394753.08	39.44	-0.83	-0.98
Concrete	13	831	9/2/2021 2:24:35 PM	78781.66	394753.10	39.46	0.69	-1.57
Concrete	8	817	9/2/2021 2:24:37 PM	78781.95	394753.09	39.45	0.00	-1.72
Concrete	5	959	9/2/2021 2:24:39 PM	78782.04	394753.11	39.45	-0.42	-0.23

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Concrete	13	906	9/2/2021 2:24:41 PM	78782.30	394753.13	39.47	0.69	-0.79
Concrete	8	902	9/2/2021 2:24:43 PM	78782.52	394753.12	39.47	0.00	-0.83
Concrete	16	828	9/2/2021 2:24:45 PM	78782.75	394753.13	39.49	1.11	-1.60
Concrete	11	882	9/2/2021 2:24:47 PM	78782.95	394753.18	39.51	0.42	-1.04
Concrete	19	884	9/2/2021 2:24:49 PM	78783.14	394753.19	39.53	1.53	-1.02
Concrete	12	1001	9/2/2021 2:24:51 PM	78783.36	394753.26	39.56	0.56	0.21
Concrete	8	966	9/2/2021 2:24:53 PM	78783.56	394753.28	39.58	0.00	-0.16
Concrete	5	896	9/2/2021 2:24:55 PM	78783.70	394753.32	39.59	-0.42	-0.89
Concrete	3	867	9/2/2021 2:24:57 PM	78783.89	394753.36	39.60	-0.69	-1.19
Concrete	2	877	9/2/2021 2:24:59 PM	78784.01	394753.32	39.58	-0.83	-1.09
Concrete	1	854	9/2/2021 2:25:01 PM	78784.09	394753.35	39.57	-0.97	-1.33
Concrete	11	915	9/2/2021 2:25:03 PM	78784.25	394753.39	39.56	0.42	-0.69
Concrete	17	1129	9/2/2021 2:25:05 PM	78784.44	394753.49	39.54	1.25	1.55
Concrete	11	1092	9/2/2021 2:25:07 PM	78784.75	394753.51	39.51	0.42	1.16
Concrete	7	1007	9/2/2021 2:25:09 PM	78784.92	394753.53	39.50	-0.14	0.27
Concrete	5	1000	9/2/2021 2:25:11 PM	78785.23	394753.49	39.47	-0.42	0.20
Concrete	14	941	9/2/2021 2:25:13 PM	78785.45	394753.56	39.43	0.83	-0.42
Concrete	18	969	9/2/2021 2:25:15 PM	78785.58	394753.58	39.45	1.39	-0.13
Concrete	11	977	9/2/2021 2:25:17 PM	78785.74	394753.58	39.43	0.42	-0.04
Concrete	7	895	9/2/2021 2:25:19 PM	78785.88	394753.61	39.41	-0.14	-0.90
Concrete	5	916	9/2/2021 2:25:21 PM	78786.03	394753.62	39.39	-0.42	-0.68
Concrete	3	967	9/2/2021 2:25:23 PM	78786.19	394753.62	39.38	-0.69	-0.15
Concrete	2	1131	9/2/2021 2:25:25 PM	78786.37	394753.65	39.38	-0.83	1.57
Concrete	1	1023	9/2/2021 2:25:27 PM	78786.51	394753.66	39.38	-0.97	0.44
Concrete	1	1160	9/2/2021 2:25:29 PM	78786.67	394753.67	39.39	-0.97	1.87
Concrete	0	1066	9/2/2021 2:25:31 PM	78786.89	394753.68	39.40	-1.11	0.89
Concrete	0	1076	9/2/2021 2:25:33 PM	78787.05	394753.70	39.42	-1.11	0.99
Concrete	0	1037	9/2/2021 2:25:35 PM	78787.18	394753.70	39.44	-1.11	0.59
Concrete	0	968	9/2/2021 2:25:37 PM	78787.34	394753.73	39.46	-1.11	-0.14
Concrete	9	895	9/2/2021 2:25:39 PM	78787.53	394753.75	39.48	0.14	-0.90
Concrete	6	904	9/2/2021 2:25:41 PM	78787.63	394753.75	39.49	-0.28	-0.81
Concrete	3	929	9/2/2021 2:25:43 PM	78787.83	394753.78	39.51	-0.69	-0.54
Concrete	2	984	9/2/2021 2:25:45 PM	78788.03	394753.80	39.52	-0.83	0.03
Concrete	12	928	9/2/2021 2:25:47 PM	78788.18	394753.82	39.52	0.56	-0.55
Concrete	8	905	9/2/2021 2:25:49 PM	78788.37	394753.82	39.51	0.00	-0.80
Concrete	5	905	9/2/2021 2:25:51 PM	78788.48	394753.83	39.50	-0.42	-0.80
Concrete	14	900	9/2/2021 2:25:53 PM	78788.71	394753.85	39.51	0.83	-0.85
Concrete	9	956	9/2/2021 2:25:55 PM	78788.90	394753.88	39.52	0.14	-0.26
Concrete	6	942	9/2/2021 2:25:57 PM	78789.13	394753.89	39.53	-0.28	-0.41
Concrete	4	970	9/2/2021 2:25:59 PM	78789.32	394753.90	39.50	-0.56	-0.12
Concrete	2	959	9/2/2021 2:26:01 PM	78789.32	394753.64	39.48	-0.83	-0.23
Concrete	19	1010	9/2/2021 2:26:03 PM	78789.28	394753.40	39.49	1.53	0.30
Concrete	12	1082	9/2/2021 2:26:05 PM	78789.00	394753.26	39.47	0.56	1.06
Concrete	8	1029	9/2/2021 2:26:07 PM	78788.60	394753.21	39.42	0.00	0.50
Concrete	5	975	9/2/2021 2:26:09 PM	78788.56	394753.40	39.44	-0.42	-0.06
Concrete	15	1008	9/2/2021 2:26:11 PM	78788.68	394753.36	39.44	0.97	0.28
Concrete	10	929	9/2/2021 2:26:13 PM	78788.39	394753.41	39.42	0.28	-0.54
Concrete	18	1024	9/2/2021 2:26:15 PM	78788.07	394753.36	39.39	1.39	0.45
Concrete	31	1166	9/2/2021 2:26:17 PM	78787.74	394753.34	39.35	3.19	1.94
Concrete	21	1172	9/2/2021 2:26:19 PM	78787.51	394753.32	39.34	1.81	2.00
Concrete	13	1089	9/2/2021 2:26:21 PM	78787.28	394753.28	39.33	0.69	1.13
Concrete	9	993	9/2/2021 2:26:23 PM	78787.07	394753.26	39.33	0.14	0.13
Concrete	16	942	9/2/2021 2:26:25 PM	78786.76	394753.29	39.32	1.11	-0.41
Concrete	11	909	9/2/2021 2:26:27 PM	78786.57	394753.28	39.33	0.42	-0.75
Concrete	18	1005	9/2/2021 2:26:29 PM	78786.34	394753.26	39.33	1.39	0.25
Concrete	11	990	9/2/2021 2:26:31 PM	78786.14	394753.24	39.33	0.42	0.09
Concrete	7	929	9/2/2021 2:26:33 PM	78785.88	394753.22	39.35	-0.14	-0.54
Concrete	5	994	9/2/2021 2:26:35 PM	78785.65	394753.16	39.37	-0.42	0.14
Concrete	3	1103	9/2/2021 2:26:37 PM	78785.39	394753.13	39.39	-0.69	1.28
Concrete	2	1066	9/2/2021 2:26:39 PM	78785.13	394753.08	39.40	-0.83	0.89
Concrete	10	1141	9/2/2021 2:26:41 PM	78785.30	394752.69	39.39	0.28	1.68
Concrete	6	1098	9/2/2021 2:26:43 PM	78785.38	394752.58	39.38	-0.28	1.23

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Concrete	4	1083	9/2/2021 2:26:45 PM	78785.56	394752.47	39.38	-0.56	1.07
Concrete	3	1135	9/2/2021 2:26:47 PM	78785.76	394752.75	39.42	-0.69	1.61
Concrete	24	1070	9/2/2021 2:26:49 PM	78785.57	394752.75	39.46	2.22	0.93
Concrete	16	1047	9/2/2021 2:26:51 PM	78785.62	394752.77	39.39	1.11	0.69
Concrete	10	1053	9/2/2021 2:26:53 PM	78785.91	394752.79	39.37	0.28	0.75
Concrete	7	1101	9/2/2021 2:26:55 PM	78786.16	394752.80	39.36	-0.14	1.26
Concrete	23	1091	9/2/2021 2:26:57 PM	78786.38	394752.80	39.37	2.08	1.15
Concrete	15	1061	9/2/2021 2:26:59 PM	78786.63	394752.84	39.36	0.97	0.84
Concrete	10	1140	9/2/2021 2:27:01 PM	78786.86	394752.87	39.37	0.28	1.66
Concrete	6	1229	9/2/2021 2:27:03 PM	78787.02	394752.89	39.36	-0.28	2.60
Concrete	4	1204	9/2/2021 2:27:05 PM	78787.23	394752.93	39.36	-0.56	2.34
Concrete	3	1225	9/2/2021 2:27:07 PM	78787.46	394752.93	39.36	-0.69	2.55
Concrete	12	1295	9/2/2021 2:27:09 PM	78787.62	394752.95	39.37	0.56	3.29
Concrete	9	1278	9/2/2021 2:27:11 PM	78787.75	394753.00	39.36	0.14	3.11
Concrete	5	1264	9/2/2021 2:27:13 PM	78787.85	394752.98	39.37	-0.42	2.96
Concrete	3	1177	9/2/2021 2:27:15 PM	78788.13	394753.00	39.37	-0.69	2.05
Concrete	2	963	9/2/2021 2:27:17 PM	78788.41	394753.02	39.40	-0.83	-0.19
Concrete	1	945	9/2/2021 2:27:19 PM	78788.89	394753.07	39.45	-0.97	-0.38
Concrete	1	917	9/2/2021 2:27:21 PM	78788.83	394753.04	39.43	-0.97	-0.67
Concrete	0	978	9/2/2021 2:27:23 PM	78788.43	394753.08	39.37	-1.11	-0.03
Concrete	0	977	9/2/2021 2:27:25 PM	78788.36	394752.99	39.38	-1.11	-0.04
Concrete	0	1010	9/2/2021 2:27:27 PM	78788.24	394752.77	39.35	-1.11	0.30
Concrete	0	991	9/2/2021 2:27:29 PM	78788.32	394752.67	39.36	-1.11	0.10
Concrete	0	968	9/2/2021 2:27:31 PM	78788.51	394752.59	39.37	-1.11	-0.14
Concrete	0	955	9/2/2021 2:27:33 PM	78788.16	394752.41	39.38	-1.11	-0.27
Concrete	0	1143	9/2/2021 2:27:35 PM	78788.05	394752.40	39.37	-1.11	1.70
Concrete	0	1062	9/2/2021 2:27:37 PM	78787.82	394752.51	39.41	-1.11	0.85
Concrete	0	1002	9/2/2021 2:27:39 PM	78788.01	394752.68	39.44	-1.11	0.22
Concrete	0	1081	9/2/2021 2:27:41 PM	78788.02	394752.57	39.42	-1.11	1.05
Concrete	0	1020	9/2/2021 2:27:43 PM	78787.98	394752.51	39.44	-1.11	0.41
Concrete	0	1019	9/2/2021 2:27:45 PM	78787.93	394752.44	39.50	-1.11	0.40
Concrete	0	993	9/2/2021 2:27:47 PM	78787.86	394752.39	39.45	-1.11	0.13
Concrete	0	986	9/2/2021 2:27:49 PM	78787.87	394752.40	39.46	-1.11	0.05
Concrete	0	940	9/2/2021 2:27:51 PM	78787.57	394752.51	39.45	-1.11	-0.43
Concrete	9	840	9/2/2021 2:27:53 PM	78787.33	394752.51	39.48	0.14	-1.48
Concrete	15	942	9/2/2021 2:27:55 PM	78787.06	394752.48	39.49	0.97	-0.41
Concrete	10	909	9/2/2021 2:27:57 PM	78786.76	394752.43	39.49	0.28	-0.75
Concrete	6	862	9/2/2021 2:27:59 PM	78786.45	394752.41	39.48	-0.28	-1.25
Concrete	4	884	9/2/2021 2:28:01 PM	78786.06	394752.38	39.49	-0.56	-1.02
Concrete	13	925	9/2/2021 2:28:03 PM	78785.76	394752.33	39.51	0.69	-0.59
Concrete	9	1052	9/2/2021 2:28:05 PM	78785.57	394752.31	39.54	0.14	0.74
Concrete	6	1082	9/2/2021 2:28:07 PM	78785.38	394752.27	39.54	-0.28	1.06
Concrete	3	1007	9/2/2021 2:28:09 PM	78785.21	394752.21	39.55	-0.69	0.27
Concrete	2	947	9/2/2021 2:28:11 PM	78785.03	394752.18	39.58	-0.83	-0.36
Concrete	1	995	9/2/2021 2:28:13 PM	78784.82	394752.13	39.61	-0.97	0.15
Concrete	1	969	9/2/2021 2:28:15 PM	78784.73	394752.10	39.62	-0.97	-0.13
Concrete	0	1034	9/2/2021 2:28:17 PM	78784.51	394752.04	39.64	-1.11	0.55
Concrete	0	1038	9/2/2021 2:28:19 PM	78784.29	394752.00	39.68	-1.11	0.60
Concrete	0	1113	9/2/2021 2:28:21 PM	78784.21	394751.94	39.73	-1.11	1.38
Concrete	10	1114	9/2/2021 2:28:23 PM	78784.04	394751.94	39.71	0.28	1.39
Concrete	6	1034	9/2/2021 2:28:25 PM	78783.93	394751.94	39.69	-0.28	0.55
Concrete	4	974	9/2/2021 2:28:27 PM	78783.78	394751.91	39.68	-0.56	-0.07
Concrete	3	1062	9/2/2021 2:28:29 PM	78783.61	394751.91	39.69	-0.69	0.85
Concrete	2	1080	9/2/2021 2:28:31 PM	78783.49	394751.92	39.69	-0.83	1.04
Concrete	1	1181	9/2/2021 2:28:33 PM	78783.39	394751.94	39.64	-0.97	2.09
Concrete	0	1051	9/2/2021 2:28:35 PM	78783.26	394751.89	39.64	-1.11	0.73
Concrete	0	1070	9/2/2021 2:28:37 PM	78783.10	394751.81	39.61	-1.11	0.93
Concrete	0	1038	9/2/2021 2:28:39 PM	78783.21	394751.65	39.67	-1.11	0.60
Concrete	0	1015	9/2/2021 2:28:41 PM	78783.22	394751.53	39.67	-1.11	0.36
Concrete	0	1022	9/2/2021 2:28:43 PM	78783.27	394751.54	39.76	-1.11	0.43
Concrete	0	1005	9/2/2021 2:28:45 PM	78783.20	394751.46	39.72	-1.11	0.25
Concrete	0	1024	9/2/2021 2:28:47 PM	78783.11	394751.32	39.67	-1.11	0.45

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Concrete	0	1015	9/2/2021 2:28:49 PM	78782.76	394751.26	39.66	-1.11	0.36
Concrete	0	1016	9/2/2021 2:28:51 PM	78782.53	394751.22	39.62	-1.11	0.37
Concrete	9	1143	9/2/2021 2:28:53 PM	78782.41	394751.34	39.61	0.14	1.70
Concrete	6	989	9/2/2021 2:28:55 PM	78782.41	394751.34	39.65	-0.28	0.08
Concrete	3	917	9/2/2021 2:28:57 PM	78782.27	394751.41	39.66	-0.69	-0.67
Concrete	2	885	9/2/2021 2:28:59 PM	78782.10	394751.62	39.64	-0.83	-1.01
Concrete	1	981	9/2/2021 2:29:01 PM	78782.12	394751.61	39.64	-0.97	0.00
Concrete	1	986	9/2/2021 2:29:03 PM	78782.01	394751.58	39.66	-0.97	0.05
Concrete	0	968	9/2/2021 2:29:05 PM	78781.84	394751.56	39.68	-1.11	-0.14
Concrete	0	1016	9/2/2021 2:29:07 PM	78781.68	394751.59	39.64	-1.11	0.37
Concrete	0	1001	9/2/2021 2:29:09 PM	78781.50	394751.57	39.66	-1.11	0.21
Concrete	0	1048	9/2/2021 2:29:11 PM	78781.35	394751.56	39.65	-1.11	0.70
Concrete	0	1134	9/2/2021 2:29:13 PM	78781.17	394751.51	39.65	-1.11	1.60
Concrete	0	1036	9/2/2021 2:29:15 PM	78780.96	394751.49	39.72	-1.11	0.58
Concrete	0	879	9/2/2021 2:29:17 PM	78780.88	394751.50	39.72	-1.11	-1.07
Concrete	10	883	9/2/2021 2:29:19 PM	78780.90	394751.40	39.79	0.28	-1.03
Concrete	6	1055	9/2/2021 2:29:21 PM	78781.18	394751.34	39.83	-0.28	0.77
Concrete	4	1060	9/2/2021 2:29:23 PM	78781.08	394751.29	39.83	-0.56	0.83
Concrete	3	971	9/2/2021 2:29:25 PM	78781.19	394751.20	39.82	-0.69	-0.10
Concrete	12	1099	9/2/2021 2:29:27 PM	78781.20	394751.09	39.81	0.56	1.24
Concrete	8	1043	9/2/2021 2:29:29 PM	78781.22	394750.92	39.74	0.00	0.65
Concrete	14	1004	9/2/2021 2:29:31 PM	78781.21	394750.80	39.73	0.83	0.24
Concrete	19	1280	9/2/2021 2:29:33 PM	78781.23	394750.78	39.71	1.53	3.13
Concrete	12	1230	9/2/2021 2:29:35 PM	78781.25	394750.77	39.69	0.56	2.61
Concrete	8	1309	9/2/2021 2:29:37 PM	78781.18	394750.83	39.67	0.00	3.43
Concrete	5	1361	9/2/2021 2:29:39 PM	78781.07	394750.86	39.66	-0.42	3.98
Concrete	3	1395	9/2/2021 2:29:41 PM	78780.68	394750.90	39.64	-0.69	4.34
Concrete	2	1372	9/2/2021 2:29:43 PM	78780.47	394750.85	39.65	-0.83	4.09
Concrete	1	1337	9/2/2021 2:29:45 PM	78780.40	394750.88	39.64	-0.97	3.73
Concrete	1	1531	9/2/2021 2:29:47 PM	78780.35	394750.95	39.64	-0.97	5.76
Concrete	0	1340	9/2/2021 2:29:49 PM	78780.27	394750.93	39.62	-1.11	3.76
Concrete	0	1184	9/2/2021 2:29:51 PM	78780.28	394750.93	39.62	-1.11	2.13
Concrete	0	1083	9/2/2021 2:29:53 PM	78780.31	394750.92	39.63	-1.11	1.07
Concrete	0	1045	9/2/2021 2:29:55 PM	78780.28	394750.91	39.60	-1.11	0.67
Concrete	10	1006	9/2/2021 2:29:57 PM	78780.29	394750.91	39.59	0.28	0.26
Concrete	6	1045	9/2/2021 2:29:59 PM	78780.28	394751.09	39.61	-0.28	0.67
Concrete	4	1032	9/2/2021 2:30:01 PM	78780.23	394751.17	39.60	-0.56	0.53
Concrete	12	1014	9/2/2021 2:30:03 PM	78780.03	394751.13	39.60	0.56	0.35
Concrete	8	1033	9/2/2021 2:30:05 PM	78779.87	394751.11	39.60	0.00	0.54
Concrete	15	1006	9/2/2021 2:30:07 PM	78779.84	394751.12	39.61	0.97	0.26
Concrete	10	992	9/2/2021 2:30:09 PM	78779.74	394751.15	39.63	0.28	0.12
Concrete	6	909	9/2/2021 2:30:11 PM	78779.58	394751.15	39.63	-0.28	-0.75
Concrete	4	941	9/2/2021 2:30:13 PM	78779.41	394751.14	39.64	-0.56	-0.42
Concrete	3	807	9/2/2021 2:30:15 PM	78779.19	394751.15	39.65	-0.69	-1.82
Concrete	11	899	9/2/2021 2:30:17 PM	78779.11	394751.14	39.65	0.42	-0.86
Concrete	7	1005	9/2/2021 2:30:19 PM	78778.94	394751.12	39.66	-0.14	0.25
Concrete	5	1001	9/2/2021 2:30:21 PM	78778.75	394751.09	39.67	-0.42	0.21
Concrete	13	1037	9/2/2021 2:30:23 PM	78778.55	394751.07	39.66	0.69	0.59
Concrete	8	1090	9/2/2021 2:30:25 PM	78778.30	394751.05	39.67	0.00	1.14
Concrete	5	1075	9/2/2021 2:30:27 PM	78778.19	394751.05	39.68	-0.42	0.98
Concrete	3	1087	9/2/2021 2:30:29 PM	78778.07	394751.03	39.70	-0.69	1.11
Concrete	2	1057	9/2/2021 2:30:31 PM	78778.01	394750.97	39.70	-0.83	0.80
Concrete	1	1072	9/2/2021 2:30:33 PM	78778.15	394750.75	39.70	-0.97	0.95
Concrete	10	986	9/2/2021 2:30:35 PM	78778.44	394750.62	39.73	0.28	0.05
Concrete	38	853	9/2/2021 2:30:37 PM	78778.67	394750.59	39.67	4.17	-1.34
Concrete	25	1009	9/2/2021 2:30:39 PM	78778.85	394750.55	39.66	2.36	0.29
Concrete	16	1042	9/2/2021 2:30:41 PM	78779.11	394750.54	39.66	1.11	0.64
Concrete	11	1020	9/2/2021 2:30:43 PM	78779.40	394750.60	39.69	0.42	0.41
Concrete	7	930	9/2/2021 2:30:45 PM	78779.61	394750.66	39.70	-0.14	-0.53
Concrete	13	933	9/2/2021 2:30:47 PM	78779.75	394750.65	39.69	0.69	-0.50
Concrete	8	1000	9/2/2021 2:30:49 PM	78779.85	394750.68	39.70	0.00	0.20
Concrete	14	960	9/2/2021 2:30:51 PM	78780.01	394750.68	39.68	0.83	-0.22

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Concrete	9	1003	9/2/2021 2:30:53 PM	78780.29	394750.71	39.67	0.14	0.23
Concrete	15	1088	9/2/2021 2:30:55 PM	78780.57	394750.74	39.67	0.97	1.12
Concrete	9	977	9/2/2021 2:30:57 PM	78780.80	394750.77	39.66	0.14	-0.04
Concrete	15	892	9/2/2021 2:30:59 PM	78781.00	394750.80	39.65	0.97	-0.93
Concrete	10	911	9/2/2021 2:31:01 PM	78781.24	394750.84	39.64	0.28	-0.73
Concrete	6	877	9/2/2021 2:31:03 PM	78781.53	394750.87	39.63	-0.28	-1.09
Concrete	4	872	9/2/2021 2:31:05 PM	78781.86	394750.89	39.60	-0.56	-1.14
Concrete	13	932	9/2/2021 2:31:07 PM	78782.14	394750.93	39.61	0.69	-0.51
Concrete	9	1017	9/2/2021 2:31:09 PM	78782.45	394750.92	39.60	0.14	0.38
Concrete	15	1051	9/2/2021 2:31:11 PM	78782.64	394750.94	39.61	0.97	0.73
Concrete	22	998	9/2/2021 2:31:13 PM	78782.83	394750.95	39.61	1.94	0.18
Concrete	14	926	9/2/2021 2:31:15 PM	78782.98	394750.97	39.64	0.83	-0.58
Concrete	9	934	9/2/2021 2:31:17 PM	78783.22	394750.98	39.58	0.14	-0.49
Concrete	6	965	9/2/2021 2:31:19 PM	78783.26	394750.98	39.57	-0.28	-0.17
Concrete	4	944	9/2/2021 2:31:21 PM	78783.46	394750.94	39.53	-0.56	-0.39
Concrete	11	1004	9/2/2021 2:31:23 PM	78783.47	394750.99	39.52	0.42	0.24
Concrete	17	947	9/2/2021 2:31:25 PM	78783.45	394751.00	39.50	1.25	-0.36
Concrete	11	941	9/2/2021 2:31:27 PM	78783.47	394750.97	39.47	0.42	-0.42
Concrete	7	943	9/2/2021 2:31:29 PM	78783.31	394751.15	39.52	-0.14	-0.40
Concrete	4	927	9/2/2021 2:31:31 PM	78783.52	394750.90	39.47	-0.56	-0.57
Concrete	14	961	9/2/2021 2:31:33 PM	78783.72	394751.06	39.49	0.83	-0.21
Concrete	9	902	9/2/2021 2:31:35 PM	78783.98	394751.07	39.49	0.14	-0.83
Concrete	6	965	9/2/2021 2:31:37 PM	78784.24	394751.09	39.50	-0.28	-0.17
Concrete	3	945	9/2/2021 2:31:39 PM	78784.50	394751.11	39.50	-0.69	-0.38
Concrete	2	944	9/2/2021 2:31:41 PM	78784.71	394751.15	39.50	-0.83	-0.39
Concrete	1	877	9/2/2021 2:31:43 PM	78784.97	394751.17	39.47	-0.97	-1.09
Concrete	1	798	9/2/2021 2:31:45 PM	78785.20	394751.17	39.45	-0.97	-1.92
Concrete	0	881	9/2/2021 2:31:47 PM	78785.44	394751.18	39.41	-1.11	-1.05
Concrete	0	942	9/2/2021 2:31:49 PM	78785.53	394751.20	39.40	-1.11	-0.41
Concrete	0	851	9/2/2021 2:31:51 PM	78785.51	394751.20	39.40	-1.11	-1.36
Concrete	12	893	9/2/2021 2:31:53 PM	78785.50	394751.20	39.38	0.56	-0.92
Concrete	8	950	9/2/2021 2:31:55 PM	78785.51	394751.19	39.38	0.00	-0.32
Concrete	14	898	9/2/2021 2:31:57 PM	78785.52	394751.19	39.40	0.83	-0.87
Concrete	18	917	9/2/2021 2:31:59 PM	78785.52	394751.19	39.43	1.39	-0.67
Concrete	20	957	9/2/2021 2:32:01 PM	78785.54	394751.19	39.45	1.67	-0.25
Concrete	13	957	9/2/2021 2:32:03 PM	78785.55	394751.19	39.48	0.69	-0.25
Concrete	8	962	9/2/2021 2:32:05 PM	78785.58	394751.19	39.49	0.00	-0.20
Concrete	16	961	9/2/2021 2:32:07 PM	78785.59	394751.19	39.50	1.11	-0.21
Concrete	22	916	9/2/2021 2:32:09 PM	78785.60	394751.19	39.51	1.94	-0.68
Concrete	15	977	9/2/2021 2:32:11 PM	78785.61	394751.19	39.53	0.97	-0.04
Concrete	9	1058	9/2/2021 2:32:13 PM	78785.61	394751.19	39.56	0.14	0.81
Concrete	6	994	9/2/2021 2:32:15 PM	78785.62	394751.19	39.58	-0.28	0.14
Concrete	4	978	9/2/2021 2:32:17 PM	78785.63	394751.19	39.59	-0.56	-0.03
Concrete	13	1112	9/2/2021 2:32:19 PM	78785.65	394751.18	39.59	0.69	1.37
Concrete	9	1088	9/2/2021 2:32:21 PM	78785.66	394751.18	39.59	0.14	1.12
Concrete	6	1036	9/2/2021 2:32:23 PM	78785.68	394751.18	39.60	-0.28	0.58
Concrete	3	1121	9/2/2021 2:32:25 PM	78785.69	394751.19	39.61	-0.69	1.47
Concrete	13	1112	9/2/2021 2:32:27 PM	78785.70	394751.19	39.61	0.69	1.37
Concrete	8	1091	9/2/2021 2:32:29 PM	78785.71	394751.19	39.61	0.00	1.15
Concrete	5	982	9/2/2021 2:32:31 PM	78785.72	394751.18	39.61	-0.42	0.01
Concrete	3	979	9/2/2021 2:32:33 PM	78785.74	394751.18	39.60	-0.69	-0.02
Concrete	2	943	9/2/2021 2:32:35 PM	78785.75	394751.18	39.60	-0.83	-0.40
Concrete	1	997	9/2/2021 2:32:37 PM	78785.76	394751.18	39.60	-0.97	0.17
Concrete	1	1039	9/2/2021 2:32:39 PM	78785.77	394751.18	39.60	-0.97	0.61
Concrete	0	984	9/2/2021 2:32:41 PM	78785.77	394751.17	39.59	-1.11	0.03
Concrete	0	962	9/2/2021 2:32:43 PM	78785.77	394751.17	39.57	-1.11	-0.20
Concrete	10	948	9/2/2021 2:32:45 PM	78785.77	394751.16	39.57	0.28	-0.35
Concrete	6	902	9/2/2021 2:32:47 PM	78785.78	394751.16	39.58	-0.28	-0.83
Concrete	4	826	9/2/2021 2:32:49 PM	78785.79	394751.16	39.59	-0.56	-1.62
Concrete	24	814	9/2/2021 2:32:51 PM	78785.79	394751.16	39.59	2.22	-1.75
Concrete	25	926	9/2/2021 2:32:53 PM	78785.80	394751.16	39.59	2.36	-0.58
Concrete	36	984	9/2/2021 2:32:55 PM	78785.80	394751.16	39.59	3.89	0.03

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Concrete	35	957	9/2/2021 2:32:57 PM	78785.80	394751.16	39.59	3.75	-0.25
Concrete	35	961	9/2/2021 2:32:59 PM	78785.81	394751.16	39.58	3.75	-0.21
Concrete	23	1058	9/2/2021 2:33:01 PM	78785.81	394751.15	39.58	2.08	0.81
Concrete	15	1149	9/2/2021 2:33:03 PM	78785.81	394751.15	39.58	0.97	1.76
Concrete	10	1118	9/2/2021 2:33:05 PM	78785.81	394751.15	39.59	0.28	1.43
Concrete	26	1018	9/2/2021 2:33:07 PM	78785.81	394751.15	39.59	2.50	0.39
Concrete	17	964	9/2/2021 2:33:09 PM	78785.82	394751.15	39.60	1.25	-0.18
Concrete	11	957	9/2/2021 2:33:11 PM	78785.82	394751.15	39.59	0.42	-0.25
Concrete	7	942	9/2/2021 2:33:13 PM	78785.83	394751.15	39.60	-0.14	-0.41
Concrete	4	955	9/2/2021 2:33:15 PM	78785.83	394751.15	39.60	-0.56	-0.27
Concrete	13	1031	9/2/2021 2:33:17 PM	78785.83	394751.15	39.60	0.69	0.52
Concrete	8	1047	9/2/2021 2:33:19 PM	78785.82	394751.15	39.58	0.00	0.69
Concrete	5	1012	9/2/2021 2:33:21 PM	78785.82	394751.15	39.57	-0.42	0.32
Concrete	3	1035	9/2/2021 2:33:23 PM	78785.82	394751.15	39.57	-0.69	0.57
Concrete	2	1043	9/2/2021 2:33:25 PM	78785.82	394751.15	39.58	-0.83	0.65
Concrete	1	1089	9/2/2021 2:33:27 PM	78785.83	394751.16	39.60	-0.97	1.13
Concrete	9	1047	9/2/2021 2:33:29 PM	78785.83	394751.16	39.62	0.14	0.69
Concrete	6	967	9/2/2021 2:33:31 PM	78785.83	394751.16	39.62	-0.28	-0.15
Concrete	4	958	9/2/2021 2:33:33 PM	78785.84	394751.15	39.61	-0.56	-0.24
Concrete	2	946	9/2/2021 2:33:35 PM	78785.83	394751.15	39.61	-0.83	-0.37
Concrete	1	816	9/2/2021 2:33:37 PM	78785.83	394751.15	39.60	-0.97	-1.73
Concrete	10	944	9/2/2021 2:33:39 PM	78785.82	394751.15	39.61	0.28	-0.39
Concrete	6	1076	9/2/2021 2:33:41 PM	78785.81	394751.15	39.60	-0.28	0.99
Concrete	4	1022	9/2/2021 2:33:43 PM	78785.79	394751.15	39.58	-0.56	0.43
Concrete	12	948	9/2/2021 2:33:45 PM	78785.76	394751.15	39.56	0.56	-0.35
Concrete	19	968	9/2/2021 2:33:47 PM	78785.74	394751.15	39.55	1.53	-0.14
Concrete	12	982	9/2/2021 2:33:49 PM	78785.72	394751.15	39.54	0.56	0.01
Concrete	8	986	9/2/2021 2:33:51 PM	78785.71	394751.15	39.56	0.00	0.05
Concrete	15	953	9/2/2021 2:33:53 PM	78785.71	394751.15	39.57	0.97	-0.29
Concrete	10	1027	9/2/2021 2:33:55 PM	78785.71	394751.15	39.58	0.28	0.48
Concrete	6	1031	9/2/2021 2:33:57 PM	78785.70	394751.15	39.56	-0.28	0.52
Concrete	15	1058	9/2/2021 2:33:59 PM	78785.69	394751.15	39.54	0.97	0.81
Concrete	10	1009	9/2/2021 2:34:01 PM	78785.68	394751.15	39.54	0.28	0.29
Concrete	15	926	9/2/2021 2:34:03 PM	78785.68	394751.15	39.54	0.97	-0.58
Concrete	10	890	9/2/2021 2:34:05 PM	78785.70	394751.16	39.55	0.28	-0.95
Concrete	6	947	9/2/2021 2:34:07 PM	78785.72	394751.17	39.55	-0.28	-0.36
Concrete	4	853	9/2/2021 2:34:09 PM	78785.73	394751.17	39.55	-0.56	-1.34
Concrete	3	907	9/2/2021 2:34:11 PM	78785.73	394751.17	39.54	-0.69	-0.77
Concrete	2	930	9/2/2021 2:34:13 PM	78785.81	394751.18	39.54	-0.83	-0.53
Concrete	1	1025	9/2/2021 2:34:15 PM	78786.05	394751.21	39.53	-0.97	0.46
Concrete	0	985	9/2/2021 2:34:17 PM	78786.25	394751.26	39.52	-1.11	0.04
Concrete	0	964	9/2/2021 2:34:19 PM	78786.39	394751.23	39.52	-1.11	-0.18
Concrete	0	953	9/2/2021 2:34:21 PM	78786.61	394751.22	39.50	-1.11	-0.29
Concrete	0	879	9/2/2021 2:34:23 PM	78786.65	394751.23	39.49	-1.11	-1.07
Concrete	0	931	9/2/2021 2:34:25 PM	78786.80	394751.27	39.47	-1.11	-0.52
Concrete	0	1045	9/2/2021 2:34:27 PM	78787.15	394751.32	39.46	-1.11	0.67
Concrete	0	1000	9/2/2021 2:34:29 PM	78787.53	394751.37	39.44	-1.11	0.20
Concrete	0	940	9/2/2021 2:34:31 PM	78787.84	394751.55	39.43	-1.11	-0.43
Concrete	0	862	9/2/2021 2:34:33 PM	78787.65	394751.97	39.49	-1.11	-1.25
Concrete	0	931	9/2/2021 2:34:35 PM	78787.45	394752.05	39.52	-1.11	-0.52
Concrete	0	916	9/2/2021 2:34:37 PM	78787.26	394752.07	39.47	-1.11	-0.68
Concrete	9	948	9/2/2021 2:34:39 PM	78787.25	394751.95	39.48	0.14	-0.35
Concrete	14	1036	9/2/2021 2:34:41 PM	78786.95	394751.83	39.44	0.83	0.58
Concrete	9	999	9/2/2021 2:34:43 PM	78786.76	394751.79	39.46	0.14	0.19
Concrete	18	1000	9/2/2021 2:34:45 PM	78786.75	394751.79	39.47	1.39	0.20
Concrete	24	1007	9/2/2021 2:34:47 PM	78786.74	394751.78	39.48	2.22	0.27
Concrete	15	969	9/2/2021 2:34:49 PM	78786.65	394751.78	39.49	0.97	-0.13
Concrete	10	972	9/2/2021 2:34:51 PM	78786.31	394751.76	39.52	0.28	-0.09
Concrete	6	930	9/2/2021 2:34:53 PM	78785.80	394751.79	39.57	-0.28	-0.53
Concrete	4	953	9/2/2021 2:34:55 PM	78785.65	394751.78	39.58	-0.56	-0.29
Concrete	3	1012	9/2/2021 2:34:57 PM	78785.36	394751.76	39.62	-0.69	0.32
Concrete	2	1004	9/2/2021 2:34:59 PM	78785.11	394751.71	39.66	-0.83	0.24

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Concrete	1	988	9/2/2021 2:35:01 PM	78784.85	394751.67	39.67	-0.97	0.07
Concrete	0	1007	9/2/2021 2:35:03 PM	78784.63	394751.66	39.69	-1.11	0.27
Concrete	0	997	9/2/2021 2:35:05 PM	78784.33	394751.66	39.73	-1.11	0.17
Concrete	12	929	9/2/2021 2:35:07 PM	78784.02	394751.64	39.75	0.56	-0.54
Concrete	8	881	9/2/2021 2:35:09 PM	78783.80	394751.65	39.82	0.00	-1.05
Concrete	5	862	9/2/2021 2:35:11 PM	78783.70	394751.61	39.77	-0.42	-1.25
Concrete	14	879	9/2/2021 2:35:13 PM	78783.47	394751.61	39.77	0.83	-1.07
Concrete	19	925	9/2/2021 2:35:15 PM	78783.40	394751.57	39.80	1.53	-0.59
Concrete	21	1041	9/2/2021 2:35:17 PM	78783.12	394751.51	39.79	1.81	0.63
Concrete	14	1107	9/2/2021 2:35:19 PM	78782.95	394751.44	39.87	0.83	1.32
Concrete	18	1001	9/2/2021 2:35:21 PM	78782.67	394751.41	39.89	1.39	0.21
Concrete	11	907	9/2/2021 2:35:23 PM	78782.64	394751.34	39.97	0.42	-0.77
Concrete	16	941	9/2/2021 2:35:25 PM	78782.51	394751.28	39.95	1.11	-0.42
Concrete	11	955	9/2/2021 2:35:27 PM	78782.02	394751.50	39.97	0.42	-0.27
Concrete	7	915	9/2/2021 2:35:29 PM	78781.76	394751.51	39.99	-0.14	-0.69
Concrete	4	920	9/2/2021 2:35:31 PM	78781.37	394751.49	40.03	-0.56	-0.64
Concrete	3	917	9/2/2021 2:35:33 PM	78781.08	394751.49	40.03	-0.69	-0.67
Concrete	2	961	9/2/2021 2:35:35 PM	78780.93	394751.38	40.08	-0.83	-0.21
Concrete	10	928	9/2/2021 2:35:37 PM	78780.67	394751.21	40.11	0.28	-0.55
Concrete	6	987	9/2/2021 2:35:39 PM	78780.31	394751.11	40.13	-0.28	0.06
Concrete	4	1010	9/2/2021 2:35:41 PM	78780.12	394751.20	40.14	-0.56	0.30
Concrete	15	937	9/2/2021 2:35:43 PM	78780.15	394751.68	40.14	0.97	-0.46
Concrete	9	1072	9/2/2021 2:35:45 PM	78780.32	394752.12	40.10	0.14	0.95
Concrete	6	1012	9/2/2021 2:35:47 PM	78780.48	394752.45	40.03	-0.28	0.32
Concrete	12	919	9/2/2021 2:35:49 PM	78780.49	394752.27	40.02	0.56	-0.65
Concrete	20	873	9/2/2021 2:35:51 PM	78780.47	394752.03	40.02	1.67	-1.13
Concrete	13	816	9/2/2021 2:35:53 PM	78780.42	394751.84	40.00	0.69	-1.73
Concrete	17	890	9/2/2021 2:35:55 PM	78780.41	394751.56	40.03	1.25	-0.95
Concrete	11	977	9/2/2021 2:35:57 PM	78780.37	394751.50	40.00	0.42	-0.04
Concrete	18	936	9/2/2021 2:35:59 PM	78780.52	394751.62	39.95	1.39	-0.47
Concrete	12	941	9/2/2021 2:36:01 PM	78780.49	394751.57	40.02	0.56	-0.42
Concrete	7	1010	9/2/2021 2:36:03 PM	78780.49	394751.92	39.88	-0.14	0.30
Concrete	5	969	9/2/2021 2:36:05 PM	78780.42	394752.23	39.80	-0.42	-0.13
Concrete	3	990	9/2/2021 2:36:07 PM	78780.16	394752.21	39.76	-0.69	0.09
Concrete	2	904	9/2/2021 2:36:09 PM	78779.98	394752.03	39.75	-0.83	-0.81
Concrete	11	995	9/2/2021 2:36:11 PM	78779.78	394752.03	39.76	0.42	0.15
Concrete	7	961	9/2/2021 2:36:13 PM	78779.51	394752.00	39.76	-0.14	-0.21
Concrete	4	874	9/2/2021 2:36:15 PM	78779.24	394751.97	39.75	-0.56	-1.12
Concrete	13	930	9/2/2021 2:36:17 PM	78778.99	394751.95	39.74	0.69	-0.53
Concrete	8	889	9/2/2021 2:36:19 PM	78778.74	394751.95	39.76	0.00	-0.96
Concrete	5	994	9/2/2021 2:36:21 PM	78778.54	394751.95	39.77	-0.42	0.14
Concrete	3	964	9/2/2021 2:36:23 PM	78778.32	394751.95	39.78	-0.69	-0.18
Concrete	2	909	9/2/2021 2:36:25 PM	78778.09	394751.93	39.79	-0.83	-0.75
Concrete	1	879	9/2/2021 2:36:27 PM	78778.00	394751.91	39.82	-0.97	-1.07
Concrete	1	803	9/2/2021 2:36:29 PM	78777.81	394751.91	39.83	-0.97	-1.86
Concrete	21	888	9/2/2021 2:36:31 PM	78777.62	394751.90	39.82	1.81	-0.97
Concrete	23	919	9/2/2021 2:36:33 PM	78777.45	394751.89	39.83	2.08	-0.65
Concrete	15	1027	9/2/2021 2:36:35 PM	78777.22	394751.85	39.84	0.97	0.48
Concrete	10	1011	9/2/2021 2:36:37 PM	78777.11	394751.76	39.84	0.28	0.31
Concrete	16	985	9/2/2021 2:36:39 PM	78777.39	394751.58	39.89	1.11	0.04
Concrete	10	1037	9/2/2021 2:36:41 PM	78777.69	394751.43	39.89	0.28	0.59
Concrete	16	972	9/2/2021 2:36:43 PM	78777.97	394751.31	39.85	1.11	-0.09
Concrete	11	964	9/2/2021 2:36:45 PM	78778.29	394751.23	39.91	0.42	-0.18
Concrete	7	929	9/2/2021 2:36:47 PM	78778.56	394751.30	39.97	-0.14	-0.54
Concrete	16	873	9/2/2021 2:36:49 PM	78778.72	394751.27	40.00	1.11	-1.13
Concrete	11	978	9/2/2021 2:36:51 PM	78778.82	394751.25	40.04	0.42	-0.03
Concrete	7	895	9/2/2021 2:36:53 PM	78778.98	394751.29	40.06	-0.14	-0.90
Concrete	4	921	9/2/2021 2:36:55 PM	78779.28	394751.29	40.07	-0.56	-0.63
Concrete	3	943	9/2/2021 2:36:57 PM	78779.38	394751.30	40.07	-0.69	-0.40
Concrete	14	924	9/2/2021 2:36:59 PM	78779.60	394751.35	40.08	0.83	-0.60
Concrete	9	892	9/2/2021 2:37:01 PM	78779.84	394751.37	40.07	0.14	-0.93
Concrete	6	965	9/2/2021 2:37:03 PM	78780.08	394751.37	40.05	-0.28	-0.17

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Concrete	4	944	9/2/2021 2:37:05 PM	78780.30	394751.38	40.03	-0.56	-0.39
Concrete	2	977	9/2/2021 2:37:07 PM	78780.41	394751.40	40.03	-0.83	-0.04
Concrete	1	885	9/2/2021 2:37:09 PM	78780.58	394751.39	40.03	-0.97	-1.01
Concrete	1	1005	9/2/2021 2:37:11 PM	78780.93	394751.43	40.01	-0.97	0.25
Concrete	0	1070	9/2/2021 2:37:13 PM	78781.18	394751.49	39.99	-1.11	0.93
Concrete	0	1144	9/2/2021 2:37:15 PM	78781.11	394751.50	40.06	-1.11	1.71
Concrete	0	1096	9/2/2021 2:37:17 PM	78780.39	394751.51	40.05	-1.11	1.20
Concrete	9	1014	9/2/2021 2:37:19 PM	78779.50	394751.90	39.98	0.14	0.35
Concrete	6	1002	9/2/2021 2:37:21 PM	78778.92	394752.06	39.94	-0.28	0.22
Concrete	14	1005	9/2/2021 2:37:23 PM	78778.68	394752.05	39.92	0.83	0.25
Concrete	9	980	9/2/2021 2:37:25 PM	78778.37	394752.03	39.92	0.14	-0.01
Concrete	6	1070	9/2/2021 2:37:27 PM	78777.92	394751.98	39.95	-0.28	0.93
Concrete	4	899	9/2/2021 2:37:29 PM	78777.76	394751.97	39.92	-0.56	-0.86
Concrete	2	975	9/2/2021 2:37:31 PM	78777.93	394751.97	39.82	-0.83	-0.06
Concrete	11	1105	9/2/2021 2:37:33 PM	78778.08	394751.99	39.78	0.42	1.30
Concrete	7	1189	9/2/2021 2:37:35 PM	78778.20	394751.99	39.74	-0.14	2.18
Concrete	14	1083	9/2/2021 2:37:37 PM	78778.43	394752.01	39.71	0.83	1.07
Concrete	9	1027	9/2/2021 2:37:39 PM	78778.68	394752.03	39.66	0.14	0.48
Concrete	6	1100	9/2/2021 2:37:41 PM	78778.87	394752.04	39.62	-0.28	1.25
Concrete	4	1075	9/2/2021 2:37:43 PM	78778.90	394752.05	39.60	-0.56	0.98
Concrete	2	1142	9/2/2021 2:37:45 PM	78778.98	394752.08	39.57	-0.83	1.69
Concrete	1	1144	9/2/2021 2:37:47 PM	78778.68	394751.97	39.59	-0.97	1.71
Concrete	1	1052	9/2/2021 2:37:49 PM	78778.41	394752.38	39.49	-0.97	0.74
Concrete	0	934	9/2/2021 2:37:51 PM	78778.51	394752.43	39.47	-1.11	-0.49
Concrete	12	945	9/2/2021 2:37:53 PM	78777.98	394752.39	39.57	0.56	-0.38
Concrete	8	1065	9/2/2021 2:37:55 PM	78777.72	394752.34	39.49	0.00	0.88
Concrete	5	1082	9/2/2021 2:37:57 PM	78777.80	394752.33	39.44	-0.42	1.06
Concrete	3	984	9/2/2021 2:37:59 PM	78777.92	394752.34	39.42	-0.69	0.03
Concrete	2	918	9/2/2021 2:38:01 PM	78778.14	394752.37	39.37	-0.83	-0.66
Concrete	1	976	9/2/2021 2:38:03 PM	78778.39	394752.40	39.33	-0.97	-0.05
Concrete	22	936	9/2/2021 2:38:05 PM	78778.64	394752.43	39.30	1.94	-0.47
Concrete	15	929	9/2/2021 2:38:07 PM	78778.94	394752.49	39.29	0.97	-0.54
Concrete	9	958	9/2/2021 2:38:09 PM	78779.19	394752.52	39.27	0.14	-0.24
Concrete	6	1014	9/2/2021 2:38:11 PM	78779.49	394752.58	39.26	-0.28	0.35
Concrete	4	985	9/2/2021 2:38:13 PM	78779.75	394752.62	39.24	-0.56	0.04
Concrete	13	882	9/2/2021 2:38:15 PM	78779.99	394752.62	39.23	0.69	-1.04
Concrete	17	860	9/2/2021 2:38:17 PM	78780.20	394752.61	39.23	1.25	-1.27
Concrete	11	855	9/2/2021 2:38:19 PM	78780.48	394752.61	39.22	0.42	-1.32
Concrete	29	881	9/2/2021 2:38:21 PM	78780.78	394752.61	39.22	2.92	-1.05
Concrete	28	979	9/2/2021 2:38:23 PM	78781.03	394752.64	39.23	2.78	-0.02
Concrete	18	1032	9/2/2021 2:38:25 PM	78781.35	394752.66	39.23	1.39	0.53
Concrete	12	1049	9/2/2021 2:38:27 PM	78781.70	394752.72	39.25	0.56	0.71
Concrete	7	1038	9/2/2021 2:38:29 PM	78782.02	394752.73	39.24	-0.14	0.60
Concrete	5	1126	9/2/2021 2:38:31 PM	78782.17	394752.77	39.24	-0.42	1.52
Concrete	3	1034	9/2/2021 2:38:33 PM	78782.45	394752.80	39.23	-0.69	0.55
Concrete	2	1027	9/2/2021 2:38:35 PM	78782.82	394752.86	39.25	-0.83	0.48
Concrete	1	1033	9/2/2021 2:38:37 PM	78783.15	394752.89	39.27	-0.97	0.54
Concrete	1	1119	9/2/2021 2:38:39 PM	78783.43	394752.91	39.28	-0.97	1.45
Concrete	0	1123	9/2/2021 2:38:41 PM	78783.69	394752.96	39.29	-1.11	1.49
Concrete	0	1054	9/2/2021 2:38:43 PM	78783.95	394753.02	39.30	-1.11	0.76
Concrete	0	1051	9/2/2021 2:38:45 PM	78784.27	394753.10	39.32	-1.11	0.73
Concrete	0	1037	9/2/2021 2:38:47 PM	78784.53	394753.16	39.38	-1.11	0.59
Concrete	0	1044	9/2/2021 2:38:49 PM	78784.84	394753.20	39.28	-1.11	0.66
Concrete	0	1088	9/2/2021 2:38:51 PM	78785.23	394753.27	39.25	-1.11	1.12
Concrete	0	1156	9/2/2021 2:38:53 PM	78785.60	394753.26	39.22	-1.11	1.83
Concrete	0	1136	9/2/2021 2:38:55 PM	78785.95	394753.32	39.17	-1.11	1.62
Concrete	0	1070	9/2/2021 2:38:57 PM	78786.34	394753.29	39.15	-1.11	0.93
Concrete	0	1099	9/2/2021 2:38:59 PM	78786.26	394752.85	39.22	-1.11	1.24
Concrete	0	932	9/2/2021 2:39:01 PM	78785.99	394752.86	39.18	-1.11	-0.51
Concrete	0	897	9/2/2021 2:39:03 PM	78785.64	394753.21	39.17	-1.11	-0.88
Concrete	0	941	9/2/2021 2:39:05 PM	78785.28	394753.20	39.22	-1.11	-0.42
Concrete	10	1084	9/2/2021 2:39:07 PM	78785.04	394753.16	39.31	0.28	1.08

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Concrete	6	1080	9/2/2021 2:39:09 PM	78784.82	394753.07	39.31	-0.28	1.04
Concrete	16	1021	9/2/2021 2:39:11 PM	78784.66	394753.05	39.37	1.11	0.42
Concrete	10	1100	9/2/2021 2:39:13 PM	78784.37	394753.08	39.42	0.28	1.25
Concrete	7	1028	9/2/2021 2:39:15 PM	78784.27	394753.04	39.47	-0.14	0.49
Concrete	4	963	9/2/2021 2:39:17 PM	78784.26	394753.04	39.49	-0.56	-0.19
Concrete	3	1033	9/2/2021 2:39:19 PM	78784.21	394753.02	39.51	-0.69	0.54
Concrete	2	962	9/2/2021 2:39:21 PM	78784.21	394752.96	39.52	-0.83	-0.20
Concrete	1	898	9/2/2021 2:39:23 PM	78784.25	394753.02	39.63	-0.97	-0.87
Concrete	11	864	9/2/2021 2:39:25 PM	78784.10	394753.00	39.63	0.42	-1.23
Concrete	7	959	9/2/2021 2:39:27 PM	78784.07	394753.01	39.64	-0.14	-0.23
Concrete	5	966	9/2/2021 2:39:29 PM	78784.06	394753.00	39.65	-0.42	-0.16
Concrete	3	917	9/2/2021 2:39:31 PM	78784.05	394753.01	39.67	-0.69	-0.67
Concrete	2	982	9/2/2021 2:39:33 PM	78784.06	394753.01	39.66	-0.83	0.01
Concrete	10	931	9/2/2021 2:39:35 PM	78784.05	394753.01	39.69	0.28	-0.52
Concrete	6	1005	9/2/2021 2:39:37 PM	78784.05	394753.01	39.72	-0.28	0.25
Concrete	4	985	9/2/2021 2:39:39 PM	78784.02	394753.04	39.75	-0.56	0.04
Concrete	3	996	9/2/2021 2:39:41 PM	78783.71	394752.99	39.74	-0.69	0.16
Concrete	2	976	9/2/2021 2:39:43 PM	78783.39	394752.92	39.72	-0.83	-0.05
Concrete	1	1021	9/2/2021 2:39:45 PM	78783.11	394752.85	39.72	-0.97	0.42
Concrete	11	997	9/2/2021 2:39:47 PM	78782.86	394752.81	39.73	0.42	0.17
Concrete	7	1067	9/2/2021 2:39:49 PM	78782.59	394752.78	39.75	-0.14	0.90
Concrete	5	1072	9/2/2021 2:39:51 PM	78782.51	394752.84	39.76	-0.42	0.95
Concrete	3	1073	9/2/2021 2:39:53 PM	78782.28	394752.80	39.77	-0.69	0.96
Concrete	2	1044	9/2/2021 2:39:55 PM	78782.06	394752.76	39.75	-0.83	0.66
Concrete	1	1045	9/2/2021 2:39:57 PM	78781.85	394752.66	39.74	-0.97	0.67
Concrete	0	1019	9/2/2021 2:39:59 PM	78781.61	394752.70	39.73	-1.11	0.40
Concrete	0	986	9/2/2021 2:40:01 PM	78781.52	394752.60	39.76	-1.11	0.05
Concrete	0	921	9/2/2021 2:40:03 PM	78781.45	394752.60	39.79	-1.11	-0.63
Concrete	0	950	9/2/2021 2:40:05 PM	78781.28	394752.59	39.74	-1.11	-0.32
Concrete	0	967	9/2/2021 2:40:07 PM	78781.19	394752.73	39.73	-1.11	-0.15
Concrete	10	1035	9/2/2021 2:40:09 PM	78780.86	394752.51	39.72	0.28	0.57
Concrete	6	1030	9/2/2021 2:40:11 PM	78780.65	394752.11	39.76	-0.28	0.51
Concrete	16	1072	9/2/2021 2:40:13 PM	78780.52	394751.78	39.78	1.11	0.95
Concrete	10	1090	9/2/2021 2:40:15 PM	78780.34	394751.36	39.84	0.28	1.14
Concrete	7	1084	9/2/2021 2:40:17 PM	78780.42	394750.73	39.81	-0.14	1.08
Concrete	4	1057	9/2/2021 2:40:19 PM	78780.73	394750.06	39.77	-0.56	0.80
Concrete	3	940	9/2/2021 2:40:21 PM	78781.02	394750.05	39.80	-0.69	-0.43
Concrete	2	919	9/2/2021 2:40:23 PM	78781.31	394749.90	39.80	-0.83	-0.65
Concrete	1	1019	9/2/2021 2:40:25 PM	78781.60	394749.91	39.52	-0.97	0.40
Concrete	0	1087	9/2/2021 2:40:27 PM	78781.71	394749.91	39.54	-1.11	1.11
Concrete	0	1018	9/2/2021 2:40:29 PM	78781.75	394749.92	39.51	-1.11	0.39
Concrete	3	966	9/2/2021 2:40:47 PM	78782.73	394750.02	39.15	-0.69	-0.16
Concrete	11	1037	9/2/2021 2:40:49 PM	78782.83	394750.00	39.10	0.42	0.59
Concrete	26	1063	9/2/2021 2:40:51 PM	78782.96	394749.99	39.06	2.50	0.86
Concrete	17	950	9/2/2021 2:40:53 PM	78783.10	394749.99	39.04	1.25	-0.32
Concrete	11	893	9/2/2021 2:40:55 PM	78783.26	394749.98	39.04	0.42	-0.92
Concrete	7	833	9/2/2021 2:40:57 PM	78783.34	394749.98	39.02	-0.14	-1.55
Concrete	5	846	9/2/2021 2:40:59 PM	78783.47	394749.99	38.99	-0.42	-1.41
Concrete	15	933	9/2/2021 2:41:01 PM	78783.58	394749.99	38.95	0.97	-0.50
Concrete	10	966	9/2/2021 2:41:03 PM	78783.67	394750.00	38.93	0.28	-0.16
Concrete	17	1030	9/2/2021 2:41:05 PM	78783.73	394750.00	38.90	1.25	0.51
Concrete	11	988	9/2/2021 2:41:07 PM	78783.85	394750.00	38.88	0.42	0.07
Concrete	7	1114	9/2/2021 2:41:09 PM	78783.98	394750.00	38.87	-0.14	1.39
Concrete	14	1011	9/2/2021 2:41:11 PM	78784.14	394750.01	38.86	0.83	0.31
Concrete	9	1003	9/2/2021 2:41:13 PM	78784.31	394750.02	38.84	0.14	0.23
Concrete	24	990	9/2/2021 2:41:15 PM	78784.47	394750.02	38.85	2.22	0.09
Concrete	16	980	9/2/2021 2:41:17 PM	78784.59	394750.03	38.85	1.11	-0.01
Concrete	10	948	9/2/2021 2:41:19 PM	78784.71	394750.03	38.85	0.28	-0.35
Concrete	7	939	9/2/2021 2:41:21 PM	78784.80	394750.02	38.85	-0.14	-0.44
Concrete	4	990	9/2/2021 2:41:23 PM	78784.87	394750.04	38.83	-0.56	0.09
Concrete	3	1001	9/2/2021 2:41:25 PM	78784.93	394750.04	38.82	-0.69	0.21
Concrete	11	1069	9/2/2021 2:41:27 PM	78785.05	394750.04	38.86	0.42	0.92

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Concrete	7	1034	9/2/2021 2:41:29 PM	78785.07	394750.04	38.85	-0.14	0.55
Concrete	5	1042	9/2/2021 2:41:31 PM	78785.05	394749.96	38.85	-0.42	0.64
Concrete	3	1070	9/2/2021 2:41:33 PM	78785.07	394749.92	38.83	-0.69	0.93
Concrete	14	1055	9/2/2021 2:41:35 PM	78785.06	394749.89	38.83	0.83	0.77
Concrete	9	1067	9/2/2021 2:41:37 PM	78785.04	394749.83	38.86	0.14	0.90
Concrete	6	1187	9/2/2021 2:41:39 PM	78785.01	394749.82	38.91	-0.28	2.16
Concrete	4	988	9/2/2021 2:41:41 PM	78784.88	394749.80	38.90	-0.56	0.07
Concrete	2	1023	9/2/2021 2:41:43 PM	78784.77	394749.80	38.88	-0.83	0.44
Concrete	1	971	9/2/2021 2:41:45 PM	78784.64	394749.78	38.89	-0.97	-0.10
Concrete	1	966	9/2/2021 2:41:47 PM	78784.51	394749.76	38.87	-0.97	-0.16
Concrete	0	885	9/2/2021 2:41:49 PM	78784.42	394749.73	38.87	-1.11	-1.01
Concrete	9	818	9/2/2021 2:41:51 PM	78784.40	394749.73	38.90	0.14	-1.71
Concrete	6	874	9/2/2021 2:41:53 PM	78784.32	394749.74	38.93	-0.28	-1.12
Concrete	3	896	9/2/2021 2:41:55 PM	78784.22	394749.73	38.93	-0.69	-0.89
Concrete	13	929	9/2/2021 2:41:57 PM	78784.10	394749.72	38.94	0.69	-0.54
Concrete	8	959	9/2/2021 2:41:59 PM	78784.03	394749.71	38.95	0.00	-0.23
Concrete	5	921	9/2/2021 2:42:01 PM	78783.94	394749.72	38.98	-0.42	-0.63
Concrete	3	984	9/2/2021 2:42:03 PM	78783.86	394749.69	39.00	-0.69	0.03
Concrete	22	931	9/2/2021 2:42:19 PM	78783.70	394749.75	39.10	1.94	-0.52
Concrete	14	831	9/2/2021 2:42:21 PM	78783.59	394749.74	39.10	0.83	-1.57
Concrete	23	1163	1/0/1900 12:00:00 AM	78778.00	394752.48	38.02	2.08	1.91
Concrete	15	1075	1/0/1900 12:00:00 AM	78777.26	394752.06	39.03	0.97	0.98
Concrete	10	1028	1/0/1900 12:00:00 AM	78777.25	394752.07	38.98	0.28	0.49
Concrete	16	1043	1/0/1900 12:00:00 AM	78777.19	394752.29	39.04	1.11	0.65
Concrete	10	1049	1/0/1900 12:00:00 AM	78777.14	394752.57	39.07	0.28	0.71
Concrete	7	958	1/0/1900 12:00:00 AM	78777.07	394752.90	39.12	-0.14	-0.24
Concrete	4	966	1/0/1900 12:00:00 AM	78777.01	394753.20	39.09	-0.56	-0.16
Concrete	3	997	1/0/1900 12:00:00 AM	78777.00	394753.41	39.05	-0.69	0.17
Concrete	2	954	1/0/1900 12:00:00 AM	78777.00	394753.65	38.99	-0.83	-0.28
Concrete	1	925	1/0/1900 12:00:00 AM	78777.00	394753.90	38.93	-0.97	-0.59
Concrete	0	954	1/0/1900 12:00:00 AM	78777.00	394754.13	38.88	-1.11	-0.28
Concrete	10	945	1/0/1900 12:00:00 AM	78777.00	394754.43	38.83	0.28	-0.38
Concrete	17	955	1/0/1900 12:00:00 AM	78777.00	394754.75	38.79	1.25	-0.27
Concrete	22	1003	1/0/1900 12:00:00 AM	78777.00	394754.90	38.77	1.94	0.23
Concrete	26	1033	1/0/1900 12:00:00 AM	78777.01	394754.96	38.73	2.50	0.54
Concrete	17	980	1/0/1900 12:00:00 AM	78776.99	394755.24	38.71	1.25	-0.01
Concrete	20	991	1/0/1900 12:00:00 AM	78776.95	394755.54	38.69	1.67	0.10
Concrete	13	981	1/0/1900 12:00:00 AM	78776.91	394755.95	38.67	0.69	0.00
Concrete	8	1054	1/0/1900 12:00:00 AM	78776.91	394756.20	38.64	0.00	0.76
Concrete	5	962	1/0/1900 12:00:00 AM	78776.87	394756.78	38.62	-0.42	-0.20
Concrete	3	932	1/0/1900 12:00:00 AM	78776.94	394757.12	38.58	-0.69	-0.51
Concrete	2	1129	1/0/1900 12:00:00 AM	78777.16	394757.35	38.60	-0.83	1.55
Concrete	22	1105	1/0/1900 12:00:00 AM	78777.57	394756.93	38.64	1.94	1.30
Concrete	23	1027	1/0/1900 12:00:00 AM	78777.27	394756.95	38.41	2.08	0.48
Concrete	26	1043	1/0/1900 12:00:00 AM	78777.38	394757.17	37.74	2.50	0.65
Concrete	17	1082	1/0/1900 12:00:00 AM	78777.60	394756.86	37.68	1.25	1.06
Concrete	11	1101	1/0/1900 12:00:00 AM	78777.73	394756.66	37.58	0.42	1.26
Concrete	7	1176	1/0/1900 12:00:00 AM	78777.90	394756.39	37.57	-0.14	2.04
Concrete	4	1164	1/0/1900 12:00:00 AM	78777.90	394756.14	37.79	-0.56	1.92
Concrete	15	1054	1/0/1900 12:00:00 AM	78777.93	394755.68	37.92	0.97	0.76
Concrete	10	982	1/0/1900 12:00:00 AM	78777.96	394755.13	38.19	0.28	0.01
Concrete	17	990	1/0/1900 12:00:00 AM	78778.04	394754.78	38.55	1.25	0.09
Concrete	11	1032	1/0/1900 12:00:00 AM	78778.05	394754.46	38.62	0.42	0.53
Concrete	7	1055	1/0/1900 12:00:00 AM	78778.06	394754.16	38.68	-0.14	0.77
Concrete	24	1073	1/0/1900 12:00:00 AM	78778.06	394753.74	38.79	2.22	0.96
Concrete	26	1161	1/0/1900 12:00:00 AM	78778.06	394753.30	38.88	2.50	1.88
Concrete	17	1218	1/0/1900 12:00:00 AM	78778.11	394752.93	38.91	1.25	2.48
Concrete	11	1148	1/0/1900 12:00:00 AM	78778.13	394752.51	38.98	0.42	1.75
Concrete	7	1063	1/0/1900 12:00:00 AM	78778.15	394752.14	39.02	-0.14	0.86
Concrete	4	1010	1/0/1900 12:00:00 AM	78778.18	394751.66	39.22	-0.56	0.30
Concrete	14	984	1/0/1900 12:00:00 AM	78778.38	394751.34	39.23	0.83	0.03
Concrete	21	1004	1/0/1900 12:00:00 AM	78778.78	394751.09	39.27	1.81	0.24

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Concrete	14	1125	1/0/1900 12:00:00 AM	78779.09	394751.44	39.37	0.83	1.51
Concrete	18	1093	1/0/1900 12:00:00 AM	78778.92	394751.52	39.47	1.39	1.17
Concrete	11	1072	1/0/1900 12:00:00 AM	78778.54	394751.13	39.55	0.42	0.95
Concrete	7	1033	1/0/1900 12:00:00 AM	78778.61	394751.10	39.56	-0.14	0.54
Concrete	5	1023	1/0/1900 12:00:00 AM	78778.56	394751.17	39.58	-0.42	0.44
Concrete	3	1098	1/0/1900 12:00:00 AM	78778.54	394751.30	39.58	-0.69	1.23
Concrete	2	1085	1/0/1900 12:00:00 AM	78778.60	394751.48	39.58	-0.83	1.09
Concrete	1	1022	1/0/1900 12:00:00 AM	78778.56	394751.94	39.53	-0.97	0.43
Concrete	1	951	1/0/1900 12:00:00 AM	78778.55	394752.32	39.54	-0.97	-0.31
Concrete	21	953	1/0/1900 12:00:00 AM	78778.50	394752.66	39.57	1.81	-0.29
Concrete	14	1014	1/0/1900 12:00:00 AM	78778.48	394752.97	39.58	0.83	0.35
Concrete	9	948	1/0/1900 12:00:00 AM	78778.44	394753.31	39.62	0.14	-0.35
Concrete	6	1000	1/0/1900 12:00:00 AM	78778.43	394753.60	39.60	-0.28	0.20
Concrete	3	1087	1/0/1900 12:00:00 AM	78778.42	394753.92	39.58	-0.69	1.11
Concrete	2	1170	1/0/1900 12:00:00 AM	78778.38	394754.28	39.58	-0.83	1.98
Concrete	1	1139	1/0/1900 12:00:00 AM	78778.36	394754.60	39.59	-0.97	1.65
Concrete	1	1152	1/0/1900 12:00:00 AM	78778.34	394754.85	39.58	-0.97	1.79
Concrete	0	1161	1/0/1900 12:00:00 AM	78778.36	394755.10	39.54	-1.11	1.88
Concrete	0	1221	1/0/1900 12:00:00 AM	78778.35	394755.19	39.52	-1.11	2.51
Concrete	0	1215	1/0/1900 12:00:00 AM	78778.34	394755.43	39.52	-1.11	2.45
Concrete	12	1138	1/0/1900 12:00:00 AM	78778.30	394755.74	39.55	0.56	1.64
Concrete	18	1199	1/0/1900 12:00:00 AM	78778.28	394756.19	39.53	1.39	2.28
Concrete	12	1182	1/0/1900 12:00:00 AM	78778.20	394756.58	39.53	0.56	2.10
Concrete	8	1126	1/0/1900 12:00:00 AM	78778.16	394756.93	39.53	0.00	1.52
Concrete	5	1104	1/0/1900 12:00:00 AM	78778.16	394757.16	39.53	-0.42	1.29
Concrete	15	1055	1/0/1900 12:00:00 AM	78778.12	394757.45	39.53	0.97	0.77
Concrete	34	1072	1/0/1900 12:00:00 AM	78778.09	394757.90	39.51	3.61	0.95
Concrete	22	1110	1/0/1900 12:00:00 AM	78778.27	394758.24	39.49	1.94	1.35
Concrete	14	1077	1/0/1900 12:00:00 AM	78778.54	394758.53	39.47	0.83	1.01
Concrete	9	975	1/0/1900 12:00:00 AM	78778.86	394758.12	39.48	0.14	-0.06
Concrete	6	1014	1/0/1900 12:00:00 AM	78778.52	394758.16	39.47	-0.28	0.35
Concrete	4	1070	1/0/1900 12:00:00 AM	78778.52	394758.27	39.49	-0.56	0.93
Concrete	2	1109	1/0/1900 12:00:00 AM	78778.53	394758.09	39.47	-0.83	1.34
Concrete	1	1163	1/0/1900 12:00:00 AM	78778.54	394757.98	39.38	-0.97	1.91
Concrete	11	1279	1/0/1900 12:00:00 AM	78778.56	394757.72	39.31	0.42	3.12
Concrete	27	1122	1/0/1900 12:00:00 AM	78778.60	394757.43	39.27	2.64	1.48
Concrete	18	1062	1/0/1900 12:00:00 AM	78778.62	394757.18	39.23	1.39	0.85
Concrete	11	1080	1/0/1900 12:00:00 AM	78778.64	394756.87	39.23	0.42	1.04
Concrete	7	1121	1/0/1900 12:00:00 AM	78778.69	394756.55	39.20	-0.14	1.47
Concrete	5	1039	1/0/1900 12:00:00 AM	78778.77	394756.07	39.17	-0.42	0.61
Concrete	3	945	1/0/1900 12:00:00 AM	78778.89	394755.70	39.08	-0.69	-0.38
Concrete	2	1028	1/0/1900 12:00:00 AM	78778.93	394755.29	39.06	-0.83	0.49
Concrete	1	1113	1/0/1900 12:00:00 AM	78778.92	394755.05	39.15	-0.97	1.38
Concrete	9	1164	1/0/1900 12:00:00 AM	78778.99	394754.91	39.15	0.14	1.92
Concrete	29	1090	1/0/1900 12:00:00 AM	78779.00	394754.88	39.14	2.92	1.14
Concrete	19	1106	1/0/1900 12:00:00 AM	78778.95	394754.64	39.14	1.53	1.31
Concrete	12	1030	1/0/1900 12:00:00 AM	78778.98	394754.33	39.14	0.56	0.51
Concrete	8	1000	1/0/1900 12:00:00 AM	78779.01	394754.01	39.11	0.00	0.20
Concrete	17	1093	1/0/1900 12:00:00 AM	78779.00	394753.68	39.09	1.25	1.17
Concrete	11	1056	1/0/1900 12:00:00 AM	78779.02	394753.27	39.12	0.42	0.79
Concrete	7	1058	1/0/1900 12:00:00 AM	78779.04	394752.86	39.15	-0.14	0.81
Concrete	15	986	1/0/1900 12:00:00 AM	78779.03	394752.44	39.24	0.97	0.05
Concrete	20	1045	1/0/1900 12:00:00 AM	78779.03	394752.16	39.27	1.67	0.67
Concrete	33	1041	1/0/1900 12:00:00 AM	78779.03	394751.86	39.27	3.47	0.63
Concrete	22	1073	1/0/1900 12:00:00 AM	78779.06	394751.56	39.26	1.94	0.96
Concrete	26	1084	1/0/1900 12:00:00 AM	78779.08	394751.29	39.27	2.50	1.08
Concrete	28	1226	1/0/1900 12:00:00 AM	78779.06	394751.01	39.35	2.78	2.57
Concrete	18	1152	1/0/1900 12:00:00 AM	78779.09	394750.66	39.53	1.39	1.79
Concrete	33	1003	1/0/1900 12:00:00 AM	78779.12	394750.53	39.60	3.47	0.23
Concrete	33	960	1/0/1900 12:00:00 AM	78779.14	394750.34	39.64	3.47	-0.22
Concrete	22	1012	1/0/1900 12:00:00 AM	78779.39	394750.20	39.63	1.94	0.32
Concrete	14	965	1/0/1900 12:00:00 AM	78779.81	394749.83	39.65	0.83	-0.17

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Concrete	9	1050	1/0/1900 12:00:00 AM	78779.90	394749.77	39.68	0.14	0.72
Concrete	6	1116	1/0/1900 12:00:00 AM	78779.61	394749.87	39.72	-0.28	1.41
Concrete	25	1077	1/0/1900 12:00:00 AM	78780.03	394750.18	39.74	2.36	1.01
Concrete	16	1090	1/0/1900 12:00:00 AM	78779.57	394750.04	39.76	1.11	1.14
Concrete	10	1230	1/0/1900 12:00:00 AM	78779.66	394750.35	39.81	0.28	2.61
Concrete	7	1312	1/0/1900 12:00:00 AM	78779.93	394750.29	39.78	-0.14	3.47
Concrete	4	1148	1/0/1900 12:00:00 AM	78779.70	394750.33	39.75	-0.56	1.75
Concrete	3	1117	1/0/1900 12:00:00 AM	78779.36	394750.30	39.79	-0.69	1.42
Concrete	12	1081	1/0/1900 12:00:00 AM	78779.29	394750.63	39.81	0.56	1.05
Concrete	8	1170	1/0/1900 12:00:00 AM	78779.36	394751.01	39.71	0.00	1.98
Concrete	5	1029	1/0/1900 12:00:00 AM	78779.36	394750.82	39.74	-0.42	0.50
Concrete	3	1076	1/0/1900 12:00:00 AM	78779.48	394750.82	39.74	-0.69	0.99
Concrete	2	1138	1/0/1900 12:00:00 AM	78779.52	394750.93	39.71	-0.83	1.64
Concrete	1	1065	1/0/1900 12:00:00 AM	78779.49	394751.12	39.68	-0.97	0.88
Concrete	1	1056	1/0/1900 12:00:00 AM	78779.45	394751.40	39.66	-0.97	0.79
Concrete	0	1024	1/0/1900 12:00:00 AM	78779.50	394751.80	39.53	-1.11	0.45
Concrete	0	948	1/0/1900 12:00:00 AM	78779.50	394752.08	39.50	-1.11	-0.35
Concrete	0	1092	1/0/1900 12:00:00 AM	78779.47	394752.53	39.49	-1.11	1.16
Concrete	0	1019	1/0/1900 12:00:00 AM	78779.43	394752.88	39.51	-1.11	0.40
Concrete	0	924	1/0/1900 12:00:00 AM	78779.42	394753.10	39.53	-1.11	-0.60
Concrete	0	980	1/0/1900 12:00:00 AM	78779.38	394753.40	39.57	-1.11	-0.01
Concrete	9	1002	1/0/1900 12:00:00 AM	78779.33	394753.69	39.61	0.14	0.22
Concrete	15	1011	1/0/1900 12:00:00 AM	78779.31	394753.99	39.63	0.97	0.31
Concrete	10	1009	1/0/1900 12:00:00 AM	78779.27	394754.31	39.67	0.28	0.29
Concrete	6	1100	1/0/1900 12:00:00 AM	78779.25	394754.67	39.68	-0.28	1.25
Concrete	14	1082	1/0/1900 12:00:00 AM	78779.20	394754.90	39.73	0.83	1.06
Concrete	9	1027	1/0/1900 12:00:00 AM	78779.19	394755.03	39.77	0.14	0.48
Concrete	17	987	1/0/1900 12:00:00 AM	78779.11	394755.33	39.85	1.25	0.06
Concrete	20	968	1/0/1900 12:00:00 AM	78779.08	394755.57	39.88	1.67	-0.14
Concrete	13	856	1/0/1900 12:00:00 AM	78779.03	394755.91	39.93	0.69	-1.31
Concrete	9	905	1/0/1900 12:00:00 AM	78778.98	394756.22	39.97	0.14	-0.80
Concrete	6	950	1/0/1900 12:00:00 AM	78778.91	394756.55	40.02	-0.28	-0.32
Concrete	3	976	1/0/1900 12:00:00 AM	78778.85	394757.04	40.04	-0.69	-0.05
Concrete	2	993	1/0/1900 12:00:00 AM	78778.80	394757.47	40.02	-0.83	0.13
Concrete	1	952	1/0/1900 12:00:00 AM	78778.74	394757.83	40.05	-0.97	-0.30
Concrete	1	939	1/0/1900 12:00:00 AM	78778.71	394758.23	40.06	-0.97	-0.44
Concrete	0	945	1/0/1900 12:00:00 AM	78778.65	394758.60	40.07	-1.11	-0.38
Concrete	0	971	1/0/1900 12:00:00 AM	78778.65	394759.05	40.08	-1.11	-0.10
Concrete	0	1003	1/0/1900 12:00:00 AM	78778.80	394759.19	40.08	-1.11	0.23
Concrete	12	943	1/0/1900 12:00:00 AM	78779.11	394759.60	40.07	0.56	-0.40
Concrete	8	987	1/0/1900 12:00:00 AM	78779.19	394759.23	40.07	0.00	0.06
Concrete	5	946	1/0/1900 12:00:00 AM	78778.92	394759.34	40.10	-0.42	-0.37
Concrete	3	1005	1/0/1900 12:00:00 AM	78778.92	394759.15	39.99	-0.69	0.25
Concrete	2	895	1/0/1900 12:00:00 AM	78778.93	394758.96	39.89	-0.83	-0.90
Concrete	13	1067	1/0/1900 12:00:00 AM	78778.95	394758.54	39.79	0.69	0.90
Concrete	8	956	1/0/1900 12:00:00 AM	78778.95	394758.20	39.74	0.00	-0.26
Concrete	5	1018	1/0/1900 12:00:00 AM	78778.93	394757.90	39.67	-0.42	0.39
Concrete	3	1126	1/0/1900 12:00:00 AM	78778.96	394757.56	39.60	-0.69	1.52
Concrete	2	1070	1/0/1900 12:00:00 AM	78778.99	394757.16	39.52	-0.83	0.93
Concrete	1	1034	1/0/1900 12:00:00 AM	78779.09	394756.79	39.41	-0.97	0.55
Concrete	1	968	1/0/1900 12:00:00 AM	78779.16	394756.37	39.31	-0.97	-0.14
Concrete	0	1114	1/0/1900 12:00:00 AM	78779.30	394755.81	39.14	-1.11	1.39
Concrete	0	1154	1/0/1900 12:00:00 AM	78779.35	394755.45	39.04	-1.11	1.81
Concrete	0	1152	1/0/1900 12:00:00 AM	78779.37	394755.13	38.99	-1.11	1.79
Concrete	0	1076	1/0/1900 12:00:00 AM	78779.37	394754.91	38.97	-1.11	0.99
Concrete	0	1146	1/0/1900 12:00:00 AM	78779.37	394754.64	38.96	-1.11	1.73
Concrete	0	1079	1/0/1900 12:00:00 AM	78779.34	394754.30	38.95	-1.11	1.03
Concrete	0	1082	1/0/1900 12:00:00 AM	78779.36	394753.91	38.95	-1.11	1.06
Concrete	10	1074	1/0/1900 12:00:00 AM	78779.43	394753.56	38.96	0.28	0.97
Concrete	6	1070	1/0/1900 12:00:00 AM	78779.59	394753.28	38.93	-0.28	0.93
Concrete	4	1083	1/0/1900 12:00:00 AM	78779.74	394752.96	38.91	-0.56	1.07
Concrete	21	1158	1/0/1900 12:00:00 AM	78779.85	394752.56	38.95	1.81	1.85

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Concrete	14	1183	1/0/1900 12:00:00 AM	78779.92	394752.18	39.03	0.83	2.12
Concrete	9	1189	1/0/1900 12:00:00 AM	78779.92	394751.73	39.07	0.14	2.18
Concrete	6	1172	1/0/1900 12:00:00 AM	78779.95	394751.24	39.08	-0.28	2.00
Concrete	3	1157	1/0/1900 12:00:00 AM	78780.00	394750.95	39.12	-0.69	1.84
Concrete	2	1038	1/0/1900 12:00:00 AM	78780.05	394750.81	39.23	-0.83	0.60
Concrete	25	1056	1/0/1900 12:00:00 AM	78780.11	394750.64	39.29	2.36	0.79
Concrete	17	1133	1/0/1900 12:00:00 AM	78780.20	394750.40	39.30	1.25	1.59
Concrete	11	1040	1/0/1900 12:00:00 AM	78780.28	394750.05	39.30	0.42	0.62
Concrete	7	950	1/0/1900 12:00:00 AM	78780.38	394749.57	39.32	-0.14	-0.32
Concrete	4	959	1/0/1900 12:00:00 AM	78780.82	394749.65	39.40	-0.56	-0.23
Concrete	3	978	1/0/1900 12:00:00 AM	78781.06	394749.68	39.54	-0.69	-0.03
Concrete	11	1026	1/0/1900 12:00:00 AM	78781.33	394749.69	39.62	0.42	0.47
Concrete	7	1096	1/0/1900 12:00:00 AM	78781.16	394749.67	39.66	-0.14	1.20
Concrete	14	1137	1/0/1900 12:00:00 AM	78780.95	394749.99	39.68	0.83	1.63
Concrete	10	1125	1/0/1900 12:00:00 AM	78780.43	394750.01	39.62	0.28	1.51
Concrete	26	1018	1/0/1900 12:00:00 AM	78780.32	394749.91	39.60	2.50	0.39
Concrete	17	946	1/0/1900 12:00:00 AM	78780.21	394750.16	39.54	1.25	-0.37
Concrete	11	965	1/0/1900 12:00:00 AM	78780.11	394750.62	39.50	0.42	-0.17
Concrete	7	907	1/0/1900 12:00:00 AM	78780.04	394751.01	39.46	-0.14	-0.77
Concrete	4	957	1/0/1900 12:00:00 AM	78779.98	394751.41	39.47	-0.56	-0.25
Concrete	15	966	1/0/1900 12:00:00 AM	78779.97	394751.81	39.50	0.97	-0.16
Concrete	10	945	1/0/1900 12:00:00 AM	78779.98	394752.17	39.53	0.28	-0.38
Concrete	15	959	1/0/1900 12:00:00 AM	78780.00	394752.41	39.51	0.97	-0.23
Concrete	10	935	1/0/1900 12:00:00 AM	78780.03	394752.54	39.52	0.28	-0.48
Concrete	6	904	1/0/1900 12:00:00 AM	78780.04	394752.55	39.51	-0.28	-0.81
Concrete	4	894	1/0/1900 12:00:00 AM	78779.99	394752.54	39.53	-0.56	-0.91
Concrete	12	913	1/0/1900 12:00:00 AM	78779.94	394752.51	39.56	0.56	-0.71
Concrete	8	1020	1/0/1900 12:00:00 AM	78779.87	394752.47	39.61	0.00	0.41
Concrete	5	1186	1/0/1900 12:00:00 AM	78779.90	394752.47	39.67	-0.42	2.15
Concrete	3	1112	1/0/1900 12:00:00 AM	78780.03	394752.52	39.72	-0.69	1.37
Concrete	2	1089	1/0/1900 12:00:00 AM	78780.17	394752.61	39.81	-0.83	1.13
Concrete	1	1092	1/0/1900 12:00:00 AM	78780.24	394753.07	39.88	-0.97	1.16
Concrete	1	1046	1/0/1900 12:00:00 AM	78780.24	394753.57	39.94	-0.97	0.68
Concrete	0	993	1/0/1900 12:00:00 AM	78780.22	394753.95	40.02	-1.11	0.13
Concrete	0	1027	1/0/1900 12:00:00 AM	78780.24	394754.32	40.07	-1.11	0.48
Concrete	0	988	1/0/1900 12:00:00 AM	78780.22	394754.69	40.09	-1.11	0.07
Concrete	0	1029	1/0/1900 12:00:00 AM	78780.20	394755.04	40.10	-1.11	0.50
Concrete	11	1059	1/0/1900 12:00:00 AM	78780.16	394755.35	40.11	0.42	0.82
Concrete	7	1104	1/0/1900 12:00:00 AM	78780.14	394755.52	40.13	-0.14	1.29
Concrete	4	1196	1/0/1900 12:00:00 AM	78780.12	394755.82	40.12	-0.56	2.25
Concrete	34	1009	1/0/1900 12:00:00 AM	78780.08	394756.17	40.14	3.61	0.29
Concrete	22	1030	1/0/1900 12:00:00 AM	78780.03	394756.53	40.18	1.94	0.51
Concrete	15	961	1/0/1900 12:00:00 AM	78780.00	394756.75	40.20	0.97	-0.21
Concrete	9	1048	1/0/1900 12:00:00 AM	78779.96	394757.06	40.21	0.14	0.70
Concrete	17	1158	1/0/1900 12:00:00 AM	78779.90	394757.39	40.21	1.25	1.85
Concrete	11	1065	1/0/1900 12:00:00 AM	78779.88	394757.83	40.23	0.42	0.88
Concrete	7	1027	1/0/1900 12:00:00 AM	78779.82	394758.28	40.24	-0.14	0.48
Concrete	4	1000	1/0/1900 12:00:00 AM	78779.79	394758.67	40.24	-0.56	0.20
Concrete	3	946	1/0/1900 12:00:00 AM	78779.74	394759.15	40.19	-0.69	-0.37
Concrete	2	1019	1/0/1900 12:00:00 AM	78779.68	394759.65	40.16	-0.83	0.40
Concrete	12	1129	1/0/1900 12:00:00 AM	78779.64	394759.98	40.16	0.56	1.55
Concrete	8	1135	1/0/1900 12:00:00 AM	78779.82	394760.46	40.17	0.00	1.61
Concrete	5	1053	1/0/1900 12:00:00 AM	78780.05	394760.70	40.21	-0.42	0.75
Concrete	3	1176	1/0/1900 12:00:00 AM	78780.23	394760.48	40.15	-0.69	2.04
Concrete	2	1177	1/0/1900 12:00:00 AM	78779.82	394760.05	40.14	-0.83	2.05
Concrete	1	1119	1/0/1900 12:00:00 AM	78779.81	394760.06	40.08	-0.97	1.45
Concrete	1	1010	1/0/1900 12:00:00 AM	78779.83	394759.83	40.03	-0.97	0.30
Concrete	0	902	1/0/1900 12:00:00 AM	78779.84	394759.52	39.97	-1.11	-0.83
Concrete	0	978	1/0/1900 12:00:00 AM	78779.89	394759.03	39.87	-1.11	-0.03
Concrete	0	988	1/0/1900 12:00:00 AM	78779.90	394758.76	39.92	-1.11	0.07
Concrete	0	966	1/0/1900 12:00:00 AM	78779.89	394758.51	39.88	-1.11	-0.16
Concrete	0	1086	1/0/1900 12:00:00 AM	78779.95	394758.31	39.85	-1.11	1.10

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Concrete	0	1089	1/0/1900 12:00:00 AM	78779.92	394758.12	39.79	-1.11	1.13
Concrete	0	1106	1/0/1900 12:00:00 AM	78779.95	394757.85	39.75	-1.11	1.31
Concrete	0	1064	1/0/1900 12:00:00 AM	78780.03	394757.42	39.72	-1.11	0.87
Concrete	0	1120	1/0/1900 12:00:00 AM	78780.08	394757.04	39.70	-1.11	1.46
Concrete	0	1013	1/0/1900 12:00:00 AM	78780.15	394756.83	39.71	-1.11	0.34
Concrete	0	1061	1/0/1900 12:00:00 AM	78780.11	394756.40	39.75	-1.11	0.84
Concrete	0	1125	1/0/1900 12:00:00 AM	78780.14	394756.08	39.71	-1.11	1.51
Concrete	12	1055	1/0/1900 12:00:00 AM	78780.19	394755.78	39.75	0.56	0.77
Concrete	8	961	1/0/1900 12:00:00 AM	78780.22	394755.45	39.81	0.00	-0.21
Concrete	5	906	1/0/1900 12:00:00 AM	78780.29	394755.11	39.83	-0.42	-0.79
Concrete	3	1018	1/0/1900 12:00:00 AM	78780.34	394754.84	39.80	-0.69	0.39
Concrete	2	913	1/0/1900 12:00:00 AM	78780.38	394754.36	39.77	-0.83	-0.71
Concrete	1	887	1/0/1900 12:00:00 AM	78780.50	394753.77	39.68	-0.97	-0.98
Concrete	1	981	1/0/1900 12:00:00 AM	78780.59	394753.34	39.66	-0.97	0.00
Concrete	11	991	1/0/1900 12:00:00 AM	78780.69	394752.80	39.50	0.42	0.10
Concrete	16	1080	1/0/1900 12:00:00 AM	78780.74	394752.38	39.49	1.11	1.04
Concrete	10	1084	1/0/1900 12:00:00 AM	78780.80	394751.93	39.54	0.28	1.08
Concrete	7	1056	1/0/1900 12:00:00 AM	78780.86	394751.43	39.59	-0.14	0.79
Concrete	27	1074	1/0/1900 12:00:00 AM	78780.90	394750.99	39.67	2.64	0.97
Concrete	18	1145	1/0/1900 12:00:00 AM	78780.93	394750.44	39.72	1.39	1.72
Concrete	11	1202	1/0/1900 12:00:00 AM	78781.08	394749.83	39.75	0.42	2.31
Concrete	7	1101	1/0/1900 12:00:00 AM	78781.19	394749.53	39.73	-0.14	1.26
Concrete	5	1051	1/0/1900 12:00:00 AM	78781.41	394749.98	39.79	-0.42	0.73
Concrete	15	1109	1/0/1900 12:00:00 AM	78781.61	394750.08	39.91	0.97	1.34
Concrete	10	1095	1/0/1900 12:00:00 AM	78781.60	394750.36	39.95	0.28	1.19
Concrete	6	1002	1/0/1900 12:00:00 AM	78781.30	394750.57	39.87	-0.28	0.22
Concrete	4	1037	1/0/1900 12:00:00 AM	78780.98	394750.91	39.73	-0.56	0.59
Concrete	3	1103	1/0/1900 12:00:00 AM	78780.79	394751.19	39.71	-0.69	1.28
Concrete	2	1041	1/0/1900 12:00:00 AM	78780.77	394751.48	39.65	-0.83	0.63
Concrete	1	1025	1/0/1900 12:00:00 AM	78780.73	394751.62	39.62	-0.97	0.46
Concrete	9	903	1/0/1900 12:00:00 AM	78780.71	394751.99	39.57	0.14	-0.82
Concrete	18	834	1/0/1900 12:00:00 AM	78780.60	394752.43	39.57	1.39	-1.54
Concrete	12	905	1/0/1900 12:00:00 AM	78780.49	394752.89	39.58	0.56	-0.80
Concrete	7	992	1/0/1900 12:00:00 AM	78780.46	394753.23	39.59	-0.14	0.12
Concrete	5	961	1/0/1900 12:00:00 AM	78780.42	394753.69	39.59	-0.42	-0.21
Concrete	3	1006	1/0/1900 12:00:00 AM	78780.39	394754.12	39.63	-0.69	0.26
Concrete	2	894	1/0/1900 12:00:00 AM	78780.38	394754.58	39.67	-0.83	-0.91
Concrete	10	1013	1/0/1900 12:00:00 AM	78780.36	394755.04	39.70	0.28	0.34
Concrete	6	1041	1/0/1900 12:00:00 AM	78780.39	394755.37	39.75	-0.28	0.63
Concrete	4	1006	1/0/1900 12:00:00 AM	78780.32	394756.05	39.80	-0.56	0.26
Concrete	3	1012	1/0/1900 12:00:00 AM	78780.30	394756.53	39.85	-0.69	0.32
Concrete	10	1025	1/0/1900 12:00:00 AM	78780.26	394756.98	39.88	0.28	0.46
Concrete	7	1087	1/0/1900 12:00:00 AM	78780.16	394757.54	39.90	-0.14	1.11
Concrete	4	1038	1/0/1900 12:00:00 AM	78780.18	394758.04	39.93	-0.56	0.60
Concrete	3	1071	1/0/1900 12:00:00 AM	78780.17	394758.55	39.94	-0.69	0.94
Concrete	10	1202	1/0/1900 12:00:00 AM	78780.13	394759.06	39.89	0.28	2.31
Concrete	7	1135	1/0/1900 12:00:00 AM	78780.08	394759.62	39.90	-0.14	1.61
Concrete	14	1038	1/0/1900 12:00:00 AM	78780.14	394760.17	39.93	0.83	0.60
Concrete	20	1093	1/0/1900 12:00:00 AM	78780.12	394760.75	39.92	1.67	1.17
Concrete	13	1079	1/0/1900 12:00:00 AM	78780.47	394761.06	39.94	0.69	1.03
Concrete	8	1056	1/0/1900 12:00:00 AM	78780.72	394760.76	39.90	0.00	0.79
Concrete	5	1033	1/0/1900 12:00:00 AM	78780.50	394760.06	39.83	-0.42	0.54
Concrete	3	1047	1/0/1900 12:00:00 AM	78780.55	394759.60	39.77	-0.69	0.69
Concrete	11	1030	1/0/1900 12:00:00 AM	78780.58	394759.11	39.73	0.42	0.51
Concrete	7	946	1/0/1900 12:00:00 AM	78780.64	394758.68	39.69	-0.14	-0.37
Concrete	13	947	1/0/1900 12:00:00 AM	78780.68	394758.19	39.65	0.69	-0.36
Concrete	9	1014	1/0/1900 12:00:00 AM	78780.73	394757.69	39.59	0.14	0.35
Concrete	16	950	1/0/1900 12:00:00 AM	78780.80	394757.13	39.58	1.11	-0.32
Concrete	20	1082	1/0/1900 12:00:00 AM	78780.87	394756.61	39.61	1.67	1.06
Concrete	13	1097	1/0/1900 12:00:00 AM	78780.87	394756.10	39.67	0.69	1.21
Concrete	8	1079	1/0/1900 12:00:00 AM	78780.89	394755.53	39.72	0.00	1.03
Concrete	5	1111	1/0/1900 12:00:00 AM	78781.00	394755.07	39.79	-0.42	1.36

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Concrete	3	1110	1/0/1900 12:00:00 AM	78781.00	394754.59	39.81	-0.69	1.35
Concrete	2	1207	1/0/1900 12:00:00 AM	78781.09	394753.88	39.81	-0.83	2.37
Concrete	23	1120	1/0/1900 12:00:00 AM	78781.24	394753.09	39.82	2.08	1.46
Concrete	26	1035	1/0/1900 12:00:00 AM	78781.32	394752.60	39.82	2.50	0.57
Concrete	17	1039	1/0/1900 12:00:00 AM	78780.92	394752.09	39.89	1.25	0.61
Concrete	11	1106	1/0/1900 12:00:00 AM	78780.87	394751.52	39.96	0.42	1.31
Concrete	7	1193	1/0/1900 12:00:00 AM	78780.83	394750.97	40.01	-0.14	2.22
Concrete	4	1110	1/0/1900 12:00:00 AM	78780.91	394750.64	39.96	-0.56	1.35
Concrete	3	1133	1/0/1900 12:00:00 AM	78781.44	394750.42	39.96	-0.69	1.59
Concrete	2	1079	1/0/1900 12:00:00 AM	78781.76	394750.69	40.00	-0.83	1.03
Concrete	10	1099	1/0/1900 12:00:00 AM	78781.86	394750.67	40.01	0.28	1.24
Concrete	6	1087	1/0/1900 12:00:00 AM	78781.97	394750.72	40.01	-0.28	1.11
Concrete	4	991	1/0/1900 12:00:00 AM	78782.40	394750.67	40.05	-0.56	0.10
Concrete	3	1034	1/0/1900 12:00:00 AM	78782.76	394750.65	40.05	-0.69	0.55
Concrete	10	980	1/0/1900 12:00:00 AM	78783.18	394750.67	40.07	0.28	-0.01
Concrete	7	981	1/0/1900 12:00:00 AM	78783.72	394750.69	40.07	-0.14	0.00
Concrete	4	1037	1/0/1900 12:00:00 AM	78784.21	394750.73	40.07	-0.56	0.59
Concrete	3	1060	1/0/1900 12:00:00 AM	78784.53	394750.80	40.08	-0.69	0.83
Concrete	2	981	1/0/1900 12:00:00 AM	78784.90	394750.85	40.11	-0.83	0.00
Concrete	11	943	1/0/1900 12:00:00 AM	78785.30	394750.86	40.11	0.42	-0.40
Concrete	7	1048	1/0/1900 12:00:00 AM	78785.73	394751.30	40.08	-0.14	0.70
Concrete	15	1086	1/0/1900 12:00:00 AM	78785.76	394751.76	39.97	0.97	1.10
Concrete	10	1095	1/0/1900 12:00:00 AM	78785.31	394752.60	39.94	0.28	1.19
Concrete	6	1123	1/0/1900 12:00:00 AM	78784.85	394752.76	39.98	-0.28	1.49
Concrete	14	1140	1/0/1900 12:00:00 AM	78784.52	394752.89	39.99	0.83	1.66
Concrete	9	1075	1/0/1900 12:00:00 AM	78784.08	394752.86	40.00	0.14	0.98
Concrete	15	1134	1/0/1900 12:00:00 AM	78783.87	394752.75	40.06	0.97	1.60
Concrete	9	1016	1/0/1900 12:00:00 AM	78783.66	394752.74	40.03	0.14	0.37
Concrete	6	1025	1/0/1900 12:00:00 AM	78783.23	394752.64	39.97	-0.28	0.46
Concrete	4	1044	1/0/1900 12:00:00 AM	78782.65	394752.55	39.92	-0.56	0.66
Concrete	2	1017	1/0/1900 12:00:00 AM	78782.28	394752.50	39.91	-0.83	0.38
Concrete	1	957	1/0/1900 12:00:00 AM	78781.82	394752.42	39.91	-0.97	-0.25
Concrete	1	999	1/0/1900 12:00:00 AM	78781.51	394752.75	39.89	-0.97	0.19
Concrete	0	909	1/0/1900 12:00:00 AM	78781.66	394752.81	39.87	-1.11	-0.75
Concrete	0	950	1/0/1900 12:00:00 AM	78781.66	394753.15	39.89	-1.11	-0.32
Concrete	0	873	1/0/1900 12:00:00 AM	78781.69	394753.32	39.88	-1.11	-1.13
Concrete	0	1053	1/0/1900 12:00:00 AM	78781.65	394753.89	39.93	-1.11	0.75
Concrete	0	1114	1/0/1900 12:00:00 AM	78781.62	394754.50	39.97	-1.11	1.39
Concrete	0	1125	1/0/1900 12:00:00 AM	78781.62	394755.16	39.99	-1.11	1.51
Concrete	0	1139	1/0/1900 12:00:00 AM	78781.54	394756.18	40.01	-1.11	1.65
Concrete	0	1123	1/0/1900 12:00:00 AM	78781.47	394756.86	40.03	-1.11	1.49
Concrete	9	1060	1/0/1900 12:00:00 AM	78781.41	394757.78	40.08	0.14	0.83
Concrete	6	1059	1/0/1900 12:00:00 AM	78781.37	394758.64	40.09	-0.28	0.82
Concrete	3	1037	1/0/1900 12:00:00 AM	78781.31	394759.64	40.03	-0.69	0.59
Concrete	14	1020	1/0/1900 12:00:00 AM	78781.24	394760.43	40.04	0.83	0.41
Concrete	9	963	1/0/1900 12:00:00 AM	78781.27	394761.08	40.05	0.14	-0.19
Concrete	16	971	1/0/1900 12:00:00 AM	78781.78	394760.64	40.05	1.11	-0.10
Concrete	20	1057	1/0/1900 12:00:00 AM	78781.49	394760.35	40.00	1.67	0.80
Concrete	13	927	1/0/1900 12:00:00 AM	78781.50	394759.86	40.00	0.69	-0.57
Concrete	19	954	1/0/1900 12:00:00 AM	78781.49	394759.80	39.96	1.53	-0.28
Concrete	12	931	1/0/1900 12:00:00 AM	78781.45	394759.71	39.99	0.56	-0.52
Concrete	20	1001	1/0/1900 12:00:00 AM	78781.45	394759.50	39.97	1.67	0.21
Concrete	13	1015	1/0/1900 12:00:00 AM	78781.40	394759.52	39.98	0.69	0.36
Concrete	20	959	1/0/1900 12:00:00 AM	78781.36	394759.48	39.99	1.67	-0.23
Concrete	13	994	1/0/1900 12:00:00 AM	78781.39	394759.13	40.03	0.69	0.14
Concrete	17	984	1/0/1900 12:00:00 AM	78781.40	394758.73	40.06	1.25	0.03
Concrete	12	1021	1/0/1900 12:00:00 AM	78781.43	394758.36	40.05	0.56	0.42
Concrete	30	971	1/0/1900 12:00:00 AM	78781.46	394758.05	40.10	3.06	-0.10
Concrete	32	1083	1/0/1900 12:00:00 AM	78781.45	394757.69	40.17	3.33	1.07
Concrete	30	1032	1/0/1900 12:00:00 AM	78781.50	394757.36	40.19	3.06	0.53
Concrete	30	990	1/0/1900 12:00:00 AM	78781.54	394756.95	40.21	3.06	0.09
Concrete	19	993	1/0/1900 12:00:00 AM	78781.57	394756.52	40.23	1.53	0.13

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Concrete	24	1114	1/0/1900 12:00:00 AM	78781.62	394756.15	40.23	2.22	1.39
Concrete	16	1016	1/0/1900 12:00:00 AM	78781.68	394755.78	40.24	1.11	0.37
Concrete	10	1063	1/0/1900 12:00:00 AM	78781.75	394755.29	40.28	0.28	0.86
Concrete	15	1089	1/0/1900 12:00:00 AM	78781.76	394754.91	40.37	0.97	1.13
Concrete	10	1064	1/0/1900 12:00:00 AM	78781.88	394754.87	40.37	0.28	0.87
Concrete	6	1034	1/0/1900 12:00:00 AM	78781.91	394754.62	40.34	-0.28	0.55
Concrete	4	1095	1/0/1900 12:00:00 AM	78782.03	394754.18	40.34	-0.56	1.19
Concrete	3	1173	1/0/1900 12:00:00 AM	78782.12	394753.72	40.32	-0.69	2.01
Concrete	2	1020	1/0/1900 12:00:00 AM	78782.20	394753.26	40.30	-0.83	0.41
Concrete	12	1114	1/0/1900 12:00:00 AM	78782.33	394752.72	40.28	0.56	1.39
Concrete	19	1208	1/0/1900 12:00:00 AM	78782.53	394752.19	40.28	1.53	2.38
Concrete	13	1151	1/0/1900 12:00:00 AM	78782.90	394752.40	40.34	0.69	1.78
Concrete	8	1134	1/0/1900 12:00:00 AM	78782.84	394752.95	40.39	0.00	1.60
Concrete	5	1165	1/0/1900 12:00:00 AM	78782.74	394753.11	40.39	-0.42	1.93
Concrete	13	1081	1/0/1900 12:00:00 AM	78782.67	394753.10	40.36	0.69	1.05
Concrete	8	1011	1/0/1900 12:00:00 AM	78782.66	394753.23	40.36	0.00	0.31
Concrete	14	979	1/0/1900 12:00:00 AM	78782.65	394753.63	40.35	0.83	-0.02
Concrete	18	1017	1/0/1900 12:00:00 AM	78782.59	394754.16	40.35	1.39	0.38
Concrete	12	1061	1/0/1900 12:00:00 AM	78782.54	394754.72	40.35	0.56	0.84
Concrete	18	1221	1/0/1900 12:00:00 AM	78782.54	394755.04	40.31	1.39	2.51
Concrete	12	1077	1/0/1900 12:00:00 AM	78782.54	394755.34	40.28	0.56	1.01
Concrete	8	1066	1/0/1900 12:00:00 AM	78782.55	394755.67	40.25	0.00	0.89
Concrete	5	959	1/0/1900 12:00:00 AM	78782.52	394756.22	40.26	-0.42	-0.23
Concrete	3	1008	1/0/1900 12:00:00 AM	78782.47	394756.79	40.28	-0.69	0.28
Concrete	2	1076	1/0/1900 12:00:00 AM	78782.46	394757.29	40.31	-0.83	0.99
Concrete	1	935	1/0/1900 12:00:00 AM	78782.44	394757.79	40.32	-0.97	-0.48
Concrete	11	1025	1/0/1900 12:00:00 AM	78782.43	394758.26	40.33	0.42	0.46
Concrete	7	1050	1/0/1900 12:00:00 AM	78782.41	394758.89	40.27	-0.14	0.72
Concrete	5	1125	1/0/1900 12:00:00 AM	78782.40	394759.38	40.21	-0.42	1.51
Concrete	3	1041	1/0/1900 12:00:00 AM	78782.38	394759.84	40.16	-0.69	0.63
Concrete	2	1038	1/0/1900 12:00:00 AM	78782.37	394760.19	40.14	-0.83	0.60
Concrete	1	1016	1/0/1900 12:00:00 AM	78782.36	394760.61	40.13	-0.97	0.37
Concrete	11	1113	1/0/1900 12:00:00 AM	78782.34	394760.93	40.18	0.42	1.38
Concrete	7	1049	1/0/1900 12:00:00 AM	78782.34	394761.26	40.22	-0.14	0.71
Concrete	5	1025	1/0/1900 12:00:00 AM	78782.91	394760.97	40.19	-0.42	0.46
Concrete	3	1092	1/0/1900 12:00:00 AM	78782.45	394760.54	40.15	-0.69	1.16
Concrete	13	951	1/0/1900 12:00:00 AM	78782.59	394760.73	40.17	0.69	-0.31
Concrete	8	1041	1/0/1900 12:00:00 AM	78782.58	394760.42	40.12	0.00	0.63
Concrete	5	1122	1/0/1900 12:00:00 AM	78782.62	394759.99	40.01	-0.42	1.48
Concrete	3	1138	1/0/1900 12:00:00 AM	78782.65	394759.44	39.98	-0.69	1.64
Concrete	13	1092	1/0/1900 12:00:00 AM	78782.66	394758.95	39.97	0.69	1.16
Concrete	8	1053	1/0/1900 12:00:00 AM	78782.74	394758.56	39.97	0.00	0.75
Concrete	5	1002	1/0/1900 12:00:00 AM	78782.73	394758.12	40.06	-0.42	0.22
Concrete	3	973	1/0/1900 12:00:00 AM	78782.76	394757.64	40.07	-0.69	-0.08
Concrete	2	853	1/0/1900 12:00:00 AM	78782.82	394757.17	40.06	-0.83	-1.34
Concrete	1	876	1/0/1900 12:00:00 AM	78782.92	394756.63	40.03	-0.97	-1.10
Concrete	1	869	1/0/1900 12:00:00 AM	78782.98	394756.08	40.00	-0.97	-1.17
Concrete	0	857	1/0/1900 12:00:00 AM	78783.01	394755.59	40.02	-1.11	-1.30
Concrete	0	990	1/0/1900 12:00:00 AM	78783.09	394755.05	40.06	-1.11	0.09
Concrete	0	953	1/0/1900 12:00:00 AM	78783.13	394754.62	40.05	-1.11	-0.29
Concrete	11	890	1/0/1900 12:00:00 AM	78783.20	394754.04	40.05	0.42	-0.95
Concrete	7	948	1/0/1900 12:00:00 AM	78783.29	394753.39	40.07	-0.14	-0.35
Concrete	27	962	1/0/1900 12:00:00 AM	78783.40	394752.44	40.02	2.64	-0.20
Concrete	18	993	1/0/1900 12:00:00 AM	78783.68	394752.62	40.06	1.39	0.13
Concrete	11	1019	1/0/1900 12:00:00 AM	78784.00	394752.83	40.10	0.42	0.40
Concrete	7	967	1/0/1900 12:00:00 AM	78783.92	394753.08	40.13	-0.14	-0.15
Concrete	5	1010	1/0/1900 12:00:00 AM	78783.72	394753.25	40.15	-0.42	0.30
Concrete	3	948	1/0/1900 12:00:00 AM	78783.80	394753.07	40.16	-0.69	-0.35
Concrete	20	974	1/0/1900 12:00:00 AM	78783.84	394753.07	40.20	1.67	-0.07
Concrete	33	1036	1/0/1900 12:00:00 AM	78783.86	394753.10	40.17	3.47	0.58
Concrete	21	956	1/0/1900 12:00:00 AM	78783.86	394753.62	40.18	1.81	-0.26
Concrete	14	945	1/0/1900 12:00:00 AM	78783.89	394754.18	40.14	0.83	-0.38

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Concrete	9	989	1/0/1900 12:00:00 AM	78783.83	394754.70	40.14	0.14	0.08
Concrete	6	933	1/0/1900 12:00:00 AM	78783.82	394755.21	40.14	-0.28	-0.50
Concrete	4	946	1/0/1900 12:00:00 AM	78783.80	394755.65	40.09	-0.56	-0.37
Concrete	2	1014	1/0/1900 12:00:00 AM	78783.74	394756.33	40.06	-0.83	0.35
Concrete	1	1085	1/0/1900 12:00:00 AM	78783.69	394756.96	40.02	-0.97	1.09
Concrete	1	1080	1/0/1900 12:00:00 AM	78783.68	394757.46	40.02	-0.97	1.04
Concrete	0	1127	1/0/1900 12:00:00 AM	78783.69	394758.00	40.00	-1.11	1.53
Concrete	0	1194	1/0/1900 12:00:00 AM	78783.66	394758.47	39.96	-1.11	2.23
Concrete	24	1237	1/0/1900 12:00:00 AM	78783.56	394759.03	39.90	2.22	2.68
Concrete	15	1189	1/0/1900 12:00:00 AM	78783.47	394759.61	39.91	0.97	2.18
Concrete	10	1111	1/0/1900 12:00:00 AM	78783.45	394760.26	39.88	0.28	1.36
Concrete	7	1161	1/0/1900 12:00:00 AM	78783.38	394760.77	39.91	-0.14	1.88
Concrete	4	1063	1/0/1900 12:00:00 AM	78783.31	394761.25	39.95	-0.56	0.86
Concrete	12	1183	1/0/1900 12:00:00 AM	78783.45	394761.37	39.99	0.56	2.12
Concrete	8	1228	1/0/1900 12:00:00 AM	78783.67	394760.73	40.07	0.00	2.59
Concrete	15	1045	1/0/1900 12:00:00 AM	78783.63	394761.27	40.11	0.97	0.67
Concrete	30	1134	1/0/1900 12:00:00 AM	78783.69	394760.95	40.09	3.06	1.60
Concrete	32	1157	1/0/1900 12:00:00 AM	78783.78	394760.31	40.13	3.33	1.84
Concrete	21	1146	1/0/1900 12:00:00 AM	78783.82	394759.67	40.19	1.81	1.73
Concrete	14	1018	1/0/1900 12:00:00 AM	78783.89	394759.12	40.24	0.83	0.39
Concrete	9	932	1/0/1900 12:00:00 AM	78783.94	394758.54	40.31	0.14	-0.51
Concrete	6	1060	1/0/1900 12:00:00 AM	78783.99	394758.07	40.33	-0.28	0.83
Concrete	16	1057	1/0/1900 12:00:00 AM	78784.03	394757.54	40.34	1.11	0.80
Concrete	10	1016	1/0/1900 12:00:00 AM	78784.04	394756.89	40.34	0.28	0.37
Concrete	26	1028	1/0/1900 12:00:00 AM	78784.04	394756.36	40.37	2.50	0.49
Concrete	29	1236	1/0/1900 12:00:00 AM	78784.14	394755.74	40.32	2.92	2.67
Concrete	29	1140	1/0/1900 12:00:00 AM	78784.25	394755.11	40.32	2.92	1.66
Concrete	18	995	1/0/1900 12:00:00 AM	78784.31	394754.41	40.33	1.39	0.15
Concrete	22	1037	1/0/1900 12:00:00 AM	78784.36	394753.75	40.32	1.94	0.59
Concrete	14	993	1/0/1900 12:00:00 AM	78784.42	394753.14	40.31	0.83	0.13
Concrete	9	993	1/0/1900 12:00:00 AM	78784.50	394752.76	40.44	0.14	0.13
Concrete	6	969	1/0/1900 12:00:00 AM	78785.05	394753.10	40.25	-0.28	-0.13
Concrete	12	1001	1/0/1900 12:00:00 AM	78785.14	394753.40	40.18	0.56	0.21
Concrete	29	958	1/0/1900 12:00:00 AM	78785.00	394753.87	40.19	2.92	-0.24
Concrete	19	997	1/0/1900 12:00:00 AM	78785.04	394753.39	40.10	1.53	0.17
Concrete	12	968	1/0/1900 12:00:00 AM	78785.06	394753.63	40.07	0.56	-0.14
Concrete	8	906	1/0/1900 12:00:00 AM	78785.00	394754.12	40.01	0.00	-0.79
Concrete	5	1087	1/0/1900 12:00:00 AM	78785.00	394754.55	40.00	-0.42	1.11
Concrete	3	1050	1/0/1900 12:00:00 AM	78784.96	394754.67	39.97	-0.69	0.72
Concrete	2	1050	1/0/1900 12:00:00 AM	78784.95	394755.04	39.94	-0.83	0.72
Concrete	1	1091	1/0/1900 12:00:00 AM	78784.87	394755.55	39.97	-0.97	1.15
Concrete	1	1104	1/0/1900 12:00:00 AM	78784.82	394755.87	39.93	-0.97	1.29
Concrete	10	1256	1/0/1900 12:00:00 AM	78784.78	394756.29	39.90	0.28	2.88
Concrete	7	1369	1/0/1900 12:00:00 AM	78784.75	394756.82	39.90	-0.14	4.06
Concrete	4	1272	1/0/1900 12:00:00 AM	78784.70	394757.32	39.90	-0.56	3.05
Concrete	3	1154	1/0/1900 12:00:00 AM	78784.70	394757.81	39.89	-0.69	1.81
Concrete	11	1335	1/0/1900 12:00:00 AM	78784.65	394758.30	39.88	0.42	3.71
Concrete	7	1162	1/0/1900 12:00:00 AM	78784.61	394758.79	39.88	-0.14	1.90
Concrete	5	1236	1/0/1900 12:00:00 AM	78784.54	394759.31	39.87	-0.42	2.67
Concrete	14	1249	1/0/1900 12:00:00 AM	78784.52	394759.80	39.86	0.83	2.81
Concrete	9	1203	1/0/1900 12:00:00 AM	78784.48	394760.34	39.88	0.14	2.32
Concrete	6	1022	1/0/1900 12:00:00 AM	78784.41	394760.86	39.93	-0.28	0.43
Concrete	14	1078	1/0/1900 12:00:00 AM	78784.34	394761.54	39.98	0.83	1.02
Concrete	37	1194	1/0/1900 12:00:00 AM	78784.77	394761.46	39.99	4.03	2.23
Concrete	24	1337	1/0/1900 12:00:00 AM	78784.74	394760.91	40.10	2.22	3.73
Concrete	15	1230	1/0/1900 12:00:00 AM	78784.64	394761.21	40.08	0.97	2.61
Concrete	10	1292	1/0/1900 12:00:00 AM	78784.67	394760.86	40.07	0.28	3.26
Concrete	18	1232	1/0/1900 12:00:00 AM	78784.75	394760.27	40.07	1.39	2.63
Concrete	23	1082	1/0/1900 12:00:00 AM	78784.80	394759.71	40.11	2.08	1.06
Concrete	15	891	1/0/1900 12:00:00 AM	78784.86	394759.23	40.15	0.97	-0.94
Concrete	10	948	1/0/1900 12:00:00 AM	78784.92	394758.80	40.10	0.28	-0.35
Concrete	6	965	1/0/1900 12:00:00 AM	78784.96	394758.33	40.13	-0.28	-0.17

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Concrete	4	943	1/0/1900 12:00:00 AM	78785.00	394757.88	40.14	-0.56	-0.40
Concrete	3	966	1/0/1900 12:00:00 AM	78785.05	394757.47	40.17	-0.69	-0.16
Concrete	2	911	1/0/1900 12:00:00 AM	78785.12	394756.87	40.18	-0.83	-0.73
Concrete	11	947	1/0/1900 12:00:00 AM	78785.17	394756.37	40.18	0.42	-0.36
Concrete	7	982	1/0/1900 12:00:00 AM	78785.22	394755.89	40.19	-0.14	0.01
Concrete	4	984	1/0/1900 12:00:00 AM	78785.22	394755.64	40.20	-0.56	0.03
Concrete	3	1124	1/0/1900 12:00:00 AM	78785.24	394755.26	40.17	-0.69	1.50
Concrete	2	1160	1/0/1900 12:00:00 AM	78785.34	394754.63	40.14	-0.83	1.87
Concrete	1	1221	1/0/1900 12:00:00 AM	78785.41	394754.04	40.09	-0.97	2.51
Concrete	0	1251	1/0/1900 12:00:00 AM	78785.55	394753.62	40.06	-1.11	2.83
Concrete	0	1168	1/0/1900 12:00:00 AM	78785.69	394753.08	40.02	-1.11	1.96
Concrete	0	1044	1/0/1900 12:00:00 AM	78786.14	394752.90	39.99	-1.11	0.66
Concrete	0	966	1/0/1900 12:00:00 AM	78786.24	394752.18	39.92	-1.11	-0.16
Concrete	0	991	1/0/1900 12:00:00 AM	78786.22	394751.44	39.94	-1.11	0.10
Concrete	0	1033	1/0/1900 12:00:00 AM	78786.24	394750.73	39.93	-1.11	0.54
Concrete	0	953	1/0/1900 12:00:00 AM	78786.79	394750.76	39.91	-1.11	-0.29
Concrete	0	824	1/0/1900 12:00:00 AM	78786.43	394751.31	39.94	-1.11	-1.64
Concrete	0	893	1/0/1900 12:00:00 AM	78786.43	394752.00	39.86	-1.11	-0.92
Concrete	0	913	1/0/1900 12:00:00 AM	78786.26	394752.56	39.80	-1.11	-0.71
Concrete	0	972	1/0/1900 12:00:00 AM	78786.23	394752.86	39.75	-1.11	-0.09
Concrete	0	1025	1/0/1900 12:00:00 AM	78786.16	394753.51	39.75	-1.11	0.46
Concrete	0	951	1/0/1900 12:00:00 AM	78786.08	394754.09	39.77	-1.11	-0.31
Concrete	0	960	1/0/1900 12:00:00 AM	78786.04	394754.50	39.79	-1.11	-0.22
Concrete	10	995	1/0/1900 12:00:00 AM	78785.93	394754.93	39.90	0.28	0.15
Concrete	6	983	1/0/1900 12:00:00 AM	78785.78	394755.43	39.96	-0.28	0.02
Concrete	4	1061	1/0/1900 12:00:00 AM	78785.72	394755.87	39.98	-0.56	0.84
Concrete	3	1041	1/0/1900 12:00:00 AM	78785.65	394756.55	39.98	-0.69	0.63
Concrete	2	1070	1/0/1900 12:00:00 AM	78785.55	394757.40	39.90	-0.83	0.93
Concrete	1	1162	1/0/1900 12:00:00 AM	78785.48	394758.05	39.88	-0.97	1.90
Concrete	0	1120	1/0/1900 12:00:00 AM	78785.43	394758.75	39.87	-1.11	1.46
Concrete	0	1075	1/0/1900 12:00:00 AM	78785.36	394759.42	39.84	-1.11	0.98
Concrete	0	1128	1/0/1900 12:00:00 AM	78785.36	394759.66	39.83	-1.11	1.54
Concrete	0	1108	1/0/1900 12:00:00 AM	78785.30	394760.25	39.82	-1.11	1.33
Concrete	0	1202	1/0/1900 12:00:00 AM	78785.23	394760.82	39.80	-1.11	2.31
Concrete	0	1203	1/0/1900 12:00:00 AM	78785.16	394761.40	39.81	-1.11	2.32
Concrete	0	1116	1/0/1900 12:00:00 AM	78785.69	394761.13	39.76	-1.11	1.41
Concrete	0	1114	1/0/1900 12:00:00 AM	78785.48	394760.69	39.70	-1.11	1.39
Concrete	12	1008	1/0/1900 12:00:00 AM	78785.51	394760.43	39.62	0.56	0.28
Concrete	8	1019	1/0/1900 12:00:00 AM	78785.61	394760.44	39.59	0.00	0.40
Concrete	5	997	1/0/1900 12:00:00 AM	78785.53	394760.44	39.45	-0.42	0.17
Concrete	3	1038	1/0/1900 12:00:00 AM	78785.63	394760.03	39.34	-0.69	0.60
Concrete	12	1102	1/0/1900 12:00:00 AM	78785.71	394759.41	39.31	0.56	1.27
Concrete	7	1085	1/0/1900 12:00:00 AM	78785.78	394758.72	39.32	-0.14	1.09
Concrete	15	1102	1/0/1900 12:00:00 AM	78785.82	394758.13	39.28	0.97	1.27
Concrete	9	1028	1/0/1900 12:00:00 AM	78785.89	394757.39	39.28	0.14	0.49
Concrete	27	1124	1/0/1900 12:00:00 AM	78785.92	394756.69	39.25	2.64	1.50
Concrete	17	1140	1/0/1900 12:00:00 AM	78785.98	394756.05	39.12	1.25	1.66
Concrete	11	1100	1/0/1900 12:00:00 AM	78786.04	394755.71	39.15	0.42	1.25
Concrete	7	1165	1/0/1900 12:00:00 AM	78786.03	394755.40	39.07	-0.14	1.93
Concrete	15	997	1/0/1900 12:00:00 AM	78786.16	394754.52	38.97	0.97	0.17
Concrete	10	911	1/0/1900 12:00:00 AM	78786.26	394753.54	38.97	0.28	-0.73
Concrete	16	984	1/0/1900 12:00:00 AM	78786.33	394752.92	39.01	1.11	0.03
Concrete	11	965	1/0/1900 12:00:00 AM	78786.41	394751.84	39.13	0.42	-0.17
Concrete	7	959	1/0/1900 12:00:00 AM	78786.48	394751.02	39.24	-0.14	-0.23
Concrete	4	1051	1/0/1900 12:00:00 AM	78786.58	394750.32	39.24	-0.56	0.73
Concrete	3	1033	1/0/1900 12:00:00 AM	78786.99	394750.55	39.34	-0.69	0.54
Concrete	2	1039	1/0/1900 12:00:00 AM	78787.19	394750.71	39.54	-0.83	0.61
Concrete	1	1098	1/0/1900 12:00:00 AM	78787.36	394750.94	39.61	-0.97	1.23
Concrete	0	1051	1/0/1900 12:00:00 AM	78787.07	394751.35	39.61	-1.11	0.73
Concrete	12	1074	1/0/1900 12:00:00 AM	78786.73	394751.64	39.57	0.56	0.97
Concrete	8	994	1/0/1900 12:00:00 AM	78786.77	394751.72	39.55	0.00	0.14
Concrete	5	943	1/0/1900 12:00:00 AM	78786.80	394752.22	39.48	-0.42	-0.40

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Concrete	3	980	1/0/1900 12:00:00 AM	78786.77	394752.80	39.48	-0.69	-0.01
Concrete	12	885	1/0/1900 12:00:00 AM	78786.76	394753.21	39.54	0.56	-1.01
Concrete	7	953	1/0/1900 12:00:00 AM	78786.68	394753.80	39.58	-0.14	-0.29
Concrete	14	1062	1/0/1900 12:00:00 AM	78786.61	394754.26	39.62	0.83	0.85
Concrete	9	1004	1/0/1900 12:00:00 AM	78786.61	394754.77	39.72	0.14	0.24
Concrete	18	1056	1/0/1900 12:00:00 AM	78786.54	394755.37	39.84	1.39	0.79
Concrete	11	1022	1/0/1900 12:00:00 AM	78786.50	394755.69	39.81	0.42	0.43
Concrete	7	941	1/0/1900 12:00:00 AM	78786.48	394755.81	39.79	-0.14	-0.42
Concrete	17	952	1/0/1900 12:00:00 AM	78786.45	394756.24	39.80	1.25	-0.30
Concrete	11	898	1/0/1900 12:00:00 AM	78786.49	394756.68	39.75	0.42	-0.87
Concrete	7	993	1/0/1900 12:00:00 AM	78786.43	394757.29	39.76	-0.14	0.13
Concrete	4	960	1/0/1900 12:00:00 AM	78786.36	394757.83	39.79	-0.56	-0.22
Concrete	3	1075	1/0/1900 12:00:00 AM	78786.33	394758.38	39.78	-0.69	0.98
Concrete	2	1163	1/0/1900 12:00:00 AM	78786.27	394758.90	39.78	-0.83	1.91
Concrete	1	1049	1/0/1900 12:00:00 AM	78786.24	394759.54	39.91	-0.97	0.71
Concrete	0	1002	1/0/1900 12:00:00 AM	78786.16	394760.45	40.10	-1.11	0.22
Concrete	0	1008	1/0/1900 12:00:00 AM	78786.11	394761.14	40.22	-1.11	0.28
Concrete	0	1051	1/0/1900 12:00:00 AM	78786.54	394760.87	40.22	-1.11	0.73
Concrete	0	1083	1/0/1900 12:00:00 AM	78786.61	394760.13	40.25	-1.11	1.07
Concrete	0	1177	1/0/1900 12:00:00 AM	78786.64	394759.44	40.27	-1.11	2.05
Concrete	11	1149	1/0/1900 12:00:00 AM	78786.75	394758.82	40.25	0.42	1.76
Concrete	18	1007	1/0/1900 12:00:00 AM	78786.85	394758.11	40.19	1.39	0.27
Concrete	11	1064	1/0/1900 12:00:00 AM	78786.92	394757.39	40.17	0.42	0.87
Concrete	7	1058	1/0/1900 12:00:00 AM	78786.92	394756.69	40.20	-0.14	0.81
Concrete	5	1025	1/0/1900 12:00:00 AM	78786.99	394756.05	40.34	-0.42	0.46
Concrete	3	1107	1/0/1900 12:00:00 AM	78787.01	394755.68	40.39	-0.69	1.32
Concrete	2	1030	1/0/1900 12:00:00 AM	78786.97	394755.62	40.49	-0.83	0.51
Concrete	1	1048	1/0/1900 12:00:00 AM	78787.03	394754.59	40.39	-0.97	0.70
Concrete	1	1026	1/0/1900 12:00:00 AM	78787.08	394753.76	40.39	-0.97	0.47
Concrete	0	1066	1/0/1900 12:00:00 AM	78787.17	394752.96	40.41	-1.11	0.89
Concrete	12	1059	1/0/1900 12:00:00 AM	78787.17	394752.19	40.53	0.56	0.82
Concrete	8	1070	1/0/1900 12:00:00 AM	78787.30	394751.30	40.68	0.00	0.93
Concrete	17	1028	1/0/1900 12:00:00 AM	78787.28	394751.17	40.75	1.25	0.49
Concrete	11	941	1/0/1900 12:00:00 AM	78787.53	394750.53	40.74	0.42	-0.42
Concrete	7	1076	1/0/1900 12:00:00 AM	78788.04	394750.96	40.84	-0.14	0.99
Concrete	4	1076	1/0/1900 12:00:00 AM	78787.73	394751.42	40.89	-0.56	0.99
Concrete	3	917	1/0/1900 12:00:00 AM	78787.70	394751.87	40.76	-0.69	-0.67
Concrete	12	948	1/0/1900 12:00:00 AM	78787.63	394752.71	40.71	0.56	-0.35
Concrete	8	1054	1/0/1900 12:00:00 AM	78787.53	394753.45	40.71	0.00	0.76
Concrete	14	1112	1/0/1900 12:00:00 AM	78787.46	394754.31	40.78	0.83	1.37
Concrete	9	1093	1/0/1900 12:00:00 AM	78787.40	394755.18	40.83	0.14	1.17
Concrete	6	1085	1/0/1900 12:00:00 AM	78787.32	394755.96	40.77	-0.28	1.09
Concrete	4	941	1/0/1900 12:00:00 AM	78787.23	394757.01	40.72	-0.56	-0.42
Concrete	2	986	1/0/1900 12:00:00 AM	78787.15	394757.88	40.72	-0.83	0.05
Concrete	1	1017	1/0/1900 12:00:00 AM	78787.05	394758.63	40.75	-0.97	0.38
Concrete	1	1087	1/0/1900 12:00:00 AM	78786.91	394759.63	40.78	-0.97	1.11
Concrete	0	1115	1/0/1900 12:00:00 AM	78786.85	394760.29	40.82	-1.11	1.40
Concrete	0	1118	1/0/1900 12:00:00 AM	78787.20	394759.82	40.72	-1.11	1.43
Concrete	0	1200	1/0/1900 12:00:00 AM	78787.17	394759.44	40.68	-1.11	2.29
Concrete	0	1119	1/0/1900 12:00:00 AM	78787.33	394758.75	40.62	-1.11	1.45
Concrete	11	1020	1/0/1900 12:00:00 AM	78787.39	394757.98	40.54	0.42	0.41
Concrete	7	1049	1/0/1900 12:00:00 AM	78787.52	394757.15	40.51	-0.14	0.71
Concrete	4	950	1/0/1900 12:00:00 AM	78787.67	394756.09	40.55	-0.56	-0.32
Concrete	3	988	1/0/1900 12:00:00 AM	78787.63	394755.31	40.53	-0.69	0.07
Concrete	23	1060	1/0/1900 12:00:00 AM	78787.70	394754.29	40.45	2.08	0.83
Concrete	15	1004	1/0/1900 12:00:00 AM	78787.80	394753.27	40.39	0.97	0.24
Concrete	10	1032	1/0/1900 12:00:00 AM	78787.97	394752.32	40.42	0.28	0.53
Concrete	6	982	1/0/1900 12:00:00 AM	78788.31	394751.53	40.51	-0.28	0.01
Concrete	4	995	1/0/1900 12:00:00 AM	78788.48	394752.36	40.43	-0.56	0.15
Concrete	3	1146	1/0/1900 12:00:00 AM	78788.29	394753.11	40.48	-0.69	1.73
Concrete	2	1017	1/0/1900 12:00:00 AM	78788.19	394754.05	40.49	-0.83	0.38
Concrete	1	893	1/0/1900 12:00:00 AM	78788.20	394754.95	40.52	-0.97	-0.92

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Concrete	0	925	1/0/1900 12:00:00 AM	78788.11	394755.88	40.49	-1.11	-0.59
Concrete	15	1003	1/0/1900 12:00:00 AM	78787.97	394756.73	40.44	0.97	0.23
Concrete	9	1104	1/0/1900 12:00:00 AM	78787.88	394757.45	40.40	0.14	1.29
Concrete	6	1090	1/0/1900 12:00:00 AM	78787.78	394758.09	40.43	-0.28	1.14
Concrete	14	971	1/0/1900 12:00:00 AM	78787.80	394758.62	40.43	0.83	-0.10
Concrete	9	1014	1/0/1900 12:00:00 AM	78787.75	394758.82	40.41	0.14	0.35
Concrete	6	1052	1/0/1900 12:00:00 AM	78787.74	394759.17	40.40	-0.28	0.74
Concrete	3	1042	1/0/1900 12:00:00 AM	78787.73	394759.16	40.39	-0.69	0.64
Concrete	2	1119	1/0/1900 12:00:00 AM	78787.71	394759.16	40.38	-0.83	1.45
Concrete	1	1059	1/0/1900 12:00:00 AM	78787.69	394759.17	40.34	-0.97	0.82
Concrete	1	1146	1/0/1900 12:00:00 AM	78787.66	394759.17	40.32	-0.97	1.73
Concrete	0	1043	1/0/1900 12:00:00 AM	78787.65	394759.17	40.31	-1.11	0.65
Concrete	0	1094	1/0/1900 12:00:00 AM	78787.64	394759.17	40.29	-1.11	1.18
Concrete	0	1127	1/0/1900 12:00:00 AM	78787.62	394759.16	40.28	-1.11	1.53
Concrete	0	1200	1/0/1900 12:00:00 AM	78788.09	394758.97	40.28	-1.11	2.29
Concrete	0	1211	1/0/1900 12:00:00 AM	78788.12	394757.90	40.26	-1.11	2.41
Concrete	0	1077	1/0/1900 12:00:00 AM	78788.15	394757.02	40.23	-1.11	1.01
Concrete	0	1045	1/0/1900 12:00:00 AM	78788.18	394756.76	40.23	-1.11	0.67
Concrete	12	1108	1/0/1900 12:00:00 AM	78788.27	394756.24	40.27	0.56	1.33
Concrete	8	1201	1/0/1900 12:00:00 AM	78788.38	394755.67	40.32	0.00	2.30
Concrete	5	1079	1/0/1900 12:00:00 AM	78788.44	394754.88	40.30	-0.42	1.03
Concrete	15	1009	1/0/1900 12:00:00 AM	78788.52	394753.84	40.30	0.97	0.29
Concrete	10	1003	1/0/1900 12:00:00 AM	78788.76	394752.89	40.30	0.28	0.23
Concrete	6	995	1/0/1900 12:00:00 AM	78788.62	394752.18	40.33	-0.28	0.15
Concrete	4	1100	1/0/1900 12:00:00 AM	78788.54	394752.93	40.27	-0.56	1.25
Concrete	3	1132	1/0/1900 12:00:00 AM	78789.33	394753.10	40.22	-0.69	1.58
Concrete	2	1144	1/0/1900 12:00:00 AM	78789.03	394753.93	40.18	-0.83	1.71
Concrete	1	1127	1/0/1900 12:00:00 AM	78788.97	394755.13	40.13	-0.97	1.53
Concrete	0	1158	1/0/1900 12:00:00 AM	78788.92	394755.83	40.09	-1.11	1.85
Concrete	0	1154	1/0/1900 12:00:00 AM	78788.79	394756.81	40.07	-1.11	1.81
Concrete	0	1105	1/0/1900 12:00:00 AM	78788.67	394757.69	40.09	-1.11	1.30
Concrete	12	1132	1/0/1900 12:00:00 AM	78788.80	394758.71	40.06	0.56	1.58
Concrete	16	1054	1/0/1900 12:00:00 AM	78789.04	394758.20	40.05	1.11	0.76
Concrete	11	1020	1/0/1900 12:00:00 AM	78789.11	394757.48	39.98	0.42	0.41
Concrete	7	1020	1/0/1900 12:00:00 AM	78789.18	394756.39	39.90	-0.14	0.41
Concrete	13	1100	1/0/1900 12:00:00 AM	78789.29	394755.51	39.81	0.69	1.25
Concrete	8	1089	1/0/1900 12:00:00 AM	78789.38	394754.59	39.74	0.00	1.13
Concrete	16	1068	1/0/1900 12:00:00 AM	78789.41	394753.52	39.68	1.11	0.91
Concrete	11	1091	1/0/1900 12:00:00 AM	78788.97	394752.55	39.70	0.42	1.15
Concrete	7	1038	1/0/1900 12:00:00 AM	78788.19	394751.67	39.96	-0.14	0.60
Concrete	4	1135	1/0/1900 12:00:00 AM	78787.30	394751.07	39.96	-0.56	1.61
Concrete	3	1117	1/0/1900 12:00:00 AM	78786.76	394750.86	39.97	-0.69	1.42
Concrete	10	1081	1/0/1900 12:00:00 AM	78786.76	394750.85	40.03	0.28	1.05
Concrete	15	1156	1/0/1900 12:00:00 AM	78786.82	394750.82	40.15	0.97	1.83
Concrete	10	1065	1/0/1900 12:00:00 AM	78786.80	394750.19	40.17	0.28	0.88
Concrete	7	1109	1/0/1900 12:00:00 AM	78787.21	394749.63	39.90	-0.14	1.34
Concrete	4	1113	1/0/1900 12:00:00 AM	78787.42	394749.68	39.69	-0.56	1.38
Concrete	3	1086	1/0/1900 12:00:00 AM	78787.56	394749.59	39.60	-0.69	1.10
Concrete	2	999	1/0/1900 12:00:00 AM	78787.53	394749.66	39.62	-0.83	0.19
Concrete	13	1006	1/0/1900 12:00:00 AM	78787.45	394749.75	39.66	0.69	0.26
Concrete	8	1043	1/0/1900 12:00:00 AM	78787.53	394749.75	39.62	0.00	0.65
Concrete	5	1025	1/0/1900 12:00:00 AM	78787.52	394749.87	39.62	-0.42	0.46
Concrete	3	1012	1/0/1900 12:00:00 AM	78787.36	394749.78	39.60	-0.69	0.32
Concrete	2	907	1/0/1900 12:00:00 AM	78787.54	394749.84	39.62	-0.83	-0.77
Concrete	1	1001	1/0/1900 12:00:00 AM	78787.76	394750.25	39.64	-0.97	0.21
Concrete	1	1052	1/0/1900 12:00:00 AM	78788.14	394750.71	39.67	-0.97	0.74
Concrete	0	1084	1/0/1900 12:00:00 AM	78788.49	394751.09	39.69	-1.11	1.08
Concrete	0	1149	1/0/1900 12:00:00 AM	78789.00	394751.74	39.71	-1.11	1.76
Concrete	0	1025	1/0/1900 12:00:00 AM	78789.33	394752.25	39.74	-1.11	0.46
Concrete	0	993	1/0/1900 12:00:00 AM	78789.80	394752.88	39.79	-1.11	0.13
Concrete	11	984	1/0/1900 12:00:00 AM	78789.72	394753.66	39.81	0.42	0.03
Concrete	7	1110	1/0/1900 12:00:00 AM	78789.73	394754.12	39.83	-0.14	1.35

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Concrete	4	1111	1/0/1900 12:00:00 AM	78789.60	394754.95	39.87	-0.56	1.36
Concrete	3	1061	1/0/1900 12:00:00 AM	78789.58	394755.94	39.92	-0.69	0.84
Concrete	2	976	1/0/1900 12:00:00 AM	78789.48	394757.29	39.97	-0.83	-0.05
Concrete	1	927	1/0/1900 12:00:00 AM	78789.35	394758.21	39.99	-0.97	-0.57
Concrete	0	795	1/0/1900 12:00:00 AM	78788.69	394758.90	40.02	-1.11	-1.95
Concrete	0	769	1/0/1900 12:00:00 AM	78787.83	394759.61	40.00	-1.11	-2.22
Concrete	0	773	1/0/1900 12:00:00 AM	78787.48	394759.95	40.04	-1.11	-2.18
Concrete	0	750	1/0/1900 12:00:00 AM	78786.60	394760.69	40.02	-1.11	-2.42
Concrete	0	828	1/0/1900 12:00:00 AM	78785.91	394761.27	39.99	-1.11	-1.60
Concrete	9	814	1/0/1900 12:00:00 AM	78785.27	394762.01	39.95	0.14	-1.75
Concrete	6	799	1/0/1900 12:00:00 AM	78784.65	394761.94	40.01	-0.28	-1.91
Concrete	3	824	1/0/1900 12:00:00 AM	78783.87	394761.85	40.03	-0.69	-1.64
Concrete	2	925	1/0/1900 12:00:00 AM	78782.95	394761.74	40.01	-0.83	-0.59
Concrete	13	902	1/0/1900 12:00:00 AM	78781.96	394761.64	40.00	0.69	-0.83
Concrete	9	850	1/0/1900 12:00:00 AM	78780.78	394761.39	39.94	0.14	-1.37
Concrete	6	885	1/0/1900 12:00:00 AM	78779.51	394760.82	39.98	-0.28	-1.01
Concrete	3	971	1/0/1900 12:00:00 AM	78778.79	394759.95	39.96	-0.69	-0.10
Concrete	2	969	1/0/1900 12:00:00 AM	78778.01	394759.08	39.96	-0.83	-0.13
Concrete	1	973	1/0/1900 12:00:00 AM	78777.30	394758.20	39.93	-0.97	-0.08
Concrete	1	953	1/0/1900 12:00:00 AM	78776.59	394757.35	39.91	-0.97	-0.29
Concrete	0	881	1/0/1900 12:00:00 AM	78776.48	394756.31	40.07	-1.11	-1.05
Concrete	0	1026	1/0/1900 12:00:00 AM	78776.54	394755.07	40.17	-1.11	0.47
Concrete	22	1115	1/0/1900 12:00:00 AM	78776.54	394754.36	40.18	1.94	1.40
Concrete	24	1089	1/0/1900 12:00:00 AM	78776.65	394753.36	40.13	2.22	1.13
Concrete	15	1043	1/0/1900 12:00:00 AM	78776.84	394752.17	40.10	0.97	0.65
Concrete	10	1010	1/0/1900 12:00:00 AM	78777.14	394751.20	40.11	0.28	0.30
Concrete	7	1080	1/0/1900 12:00:00 AM	78777.62	394750.82	40.07	-0.14	1.04
Concrete	4	1147	1/0/1900 12:00:00 AM	78778.89	394749.90	40.00	-0.56	1.74
Concrete	3	1042	1/0/1900 12:00:00 AM	78779.46	394749.39	39.95	-0.69	0.64
Concrete	10	936	1/0/1900 12:00:00 AM	78780.23	394748.73	39.88	0.28	-0.47
Concrete	7	919	1/0/1900 12:00:00 AM	78780.70	394748.35	39.90	-0.14	-0.65
Concrete	4	1034	1/0/1900 12:00:00 AM	78780.61	394748.57	39.95	-0.56	0.55
Concrete	3	1029	1/0/1900 12:00:00 AM	78780.65	394748.62	39.92	-0.69	0.50
Concrete	2	1028	1/0/1900 12:00:00 AM	78780.66	394749.09	40.39	-0.83	0.49
Concrete	1	1071	1/0/1900 12:00:00 AM	78780.78	394749.95	40.42	-0.97	0.94
Concrete	10	1085	1/0/1900 12:00:00 AM	78780.86	394750.07	40.49	0.28	1.09
Concrete	7	1037	1/0/1900 12:00:00 AM	78780.90	394750.18	40.44	-0.14	0.59
Concrete	4	1011	1/0/1900 12:00:00 AM	78780.92	394750.21	40.46	-0.56	0.31
Concrete	3	969	1/0/1900 12:00:00 AM	78780.93	394750.21	40.44	-0.69	-0.13
Concrete	2	991	1/0/1900 12:00:00 AM	78780.95	394750.23	40.46	-0.83	0.10
Concrete	1	935	1/0/1900 12:00:00 AM	78780.98	394750.26	40.48	-0.97	-0.48
Concrete	0	837	1/0/1900 12:00:00 AM	0.00	0.00	0.00	-1.11	-1.51
Concrete	11	814	1/0/1900 12:00:00 AM	0.00	0.00	0.00	0.42	-1.75
Concrete	7	812	1/0/1900 12:00:00 AM	0.00	0.00	0.00	-0.14	-1.77
Concrete	4	896	1/0/1900 12:00:00 AM	0.00	0.00	0.00	-0.56	-0.89
Concrete	12	989	1/0/1900 12:00:00 AM	0.00	0.00	0.00	0.56	0.08
Concrete	7	968	1/0/1900 12:00:00 AM	0.00	0.00	0.00	-0.14	-0.14
Concrete	5	996	1/0/1900 12:00:00 AM	0.00	0.00	0.00	-0.42	0.16
Concrete	3	1029	1/0/1900 12:00:00 AM	0.00	0.00	0.00	-0.69	0.50
Concrete	2	1051	1/0/1900 12:00:00 AM	0.00	0.00	0.00	-0.83	0.73
Concrete	1	960	1/0/1900 12:00:00 AM	0.00	0.00	0.00	-0.97	-0.22
Concrete	1	874	1/0/1900 12:00:00 AM	0.00	0.00	0.00	-0.97	-1.12
Concrete	0	795	1/0/1900 12:00:00 AM	0.00	0.00	0.00	-1.11	-1.95
Concrete	12	806	1/0/1900 12:00:00 AM	0.00	0.00	0.00	0.56	-1.83
Concrete	8	806	1/0/1900 12:00:00 AM	0.00	0.00	0.00	0.00	-1.83
Concrete	5	912	1/0/1900 12:00:00 AM	0.00	0.00	0.00	-0.42	-0.72
Concrete	13	843	1/0/1900 12:00:00 AM	0.00	0.00	0.00	0.69	-1.45
Concrete	8	833	1/0/1900 12:00:00 AM	0.00	0.00	0.00	0.00	-1.55
Concrete	5	916	1/0/1900 12:00:00 AM	0.00	0.00	0.00	-0.42	-0.68
Concrete	3	974	1/0/1900 12:00:00 AM	0.00	0.00	0.00	-0.69	-0.07
Concrete	2	932	1/0/1900 12:00:00 AM	0.00	0.00	0.00	-0.83	-0.51
Concrete	1	971	1/0/1900 12:00:00 AM	0.00	0.00	0.00	-0.97	-0.10

SU 7A ALPHA-BETA SCAN DATA RESULTS

Concrete	9	919	1/0/1900 12:00:00 AM	0.00	0.00	0.00	0.14	-0.65
Concrete	15	914	1/0/1900 12:00:00 AM	0.00	0.00	0.00	0.97	-0.70
Concrete	10	942	1/0/1900 12:00:00 AM	0.00	0.00	0.00	0.28	-0.41
Concrete	6	1034	1/0/1900 12:00:00 AM	0.00	0.00	0.00	-0.28	0.55
Concrete	4	1085	1/0/1900 12:00:00 AM	0.00	0.00	0.00	-0.56	1.09
Concrete	15	1118	1/0/1900 12:00:00 AM	0.00	0.00	0.00	0.97	1.43
Concrete	9	1039	1/0/1900 12:00:00 AM	0.00	0.00	0.00	0.14	0.61
Concrete	6	894	1/0/1900 12:00:00 AM	0.00	0.00	0.00	-0.28	-0.91
Concrete	4	1007	1/0/1900 12:00:00 AM	0.00	0.00	0.00	-0.56	0.27
Concrete	2	893	1/0/1900 12:00:00 AM	0.00	0.00	0.00	-0.83	-0.92
Concrete	1	1136	1/0/1900 12:00:00 AM	0.00	0.00	0.00	-0.97	1.62
Concrete	1	1096	1/0/1900 12:00:00 AM	0.00	0.00	0.00	-0.97	1.20
Concrete	0	1018	1/0/1900 12:00:00 AM	0.00	0.00	0.00	-1.11	0.39
Concrete	0	1028	1/0/1900 12:00:00 AM	0.00	0.00	0.00	-1.11	0.49
Concrete	0	921	1/0/1900 12:00:00 AM	0.00	0.00	0.00	-1.11	-0.63
Concrete	12	918	1/0/1900 12:00:00 AM	0.00	0.00	0.00	0.56	-0.66
Concrete	8	795	1/0/1900 12:00:00 AM	0.00	0.00	0.00	0.00	-1.95
Concrete	5	727	1/0/1900 12:00:00 AM	0.00	0.00	0.00	-0.42	-2.66
Concrete	3	721	1/0/1900 12:00:00 AM	0.00	0.00	0.00	-0.69	-2.72
Concrete	2	787	1/0/1900 12:00:00 AM	0.00	0.00	0.00	-0.83	-2.03
Concrete	12	881	1/0/1900 12:00:00 AM	0.00	0.00	0.00	0.56	-1.05
Concrete	8	1014	1/0/1900 12:00:00 AM	0.00	0.00	0.00	0.00	0.35
Concrete	5	1002	1/0/1900 12:00:00 AM	0.00	0.00	0.00	-0.42	0.22
Concrete	3	983	1/0/1900 12:00:00 AM	0.00	0.00	0.00	-0.69	0.02
Concrete	2	1016	1/0/1900 12:00:00 AM	0.00	0.00	0.00	-0.83	0.37
Concrete	1	966	1/0/1900 12:00:00 AM	0.00	0.00	0.00	-0.97	-0.16
Concrete	13	1085	1/0/1900 12:00:00 AM	0.00	0.00	0.00	0.69	1.09
Concrete	8	1024	1/0/1900 12:00:00 AM	0.00	0.00	0.00	0.00	0.45
Concrete	15	1064	1/0/1900 12:00:00 AM	0.00	0.00	0.00	0.97	0.87

APPENDIX E

Gamma Walkover Survey Results

SU 7A GWS RESULTS

GPS Date	GPS Time	Northing	Easting	Altitude	Matrix	Gamma (cpm)	Z-Score
08/07/2021	14:07:27	78785.73	394748.15	36.57	Concrete	11,040	-0.79
08/07/2021	14:07:39	78785.08	394748.12	36.55	Concrete	9,780	-1.67
08/07/2021	14:07:40	78785.06	394748.09	36.51	Concrete	10,080	-1.46
08/07/2021	14:07:48	78784.49	394748.02	36.58	Concrete	10,800	-0.95
08/07/2021	14:08:08	78782.98	394747.94	36.59	Concrete	8,940	-2.27
08/07/2021	14:08:09	78782.99	394747.97	36.57	Concrete	9,420	-1.93
08/07/2021	14:08:10	78782.95	394747.93	36.53	Concrete	10,140	-1.42
08/07/2021	14:08:11	78782.86	394747.91	36.50	Concrete	10,020	-1.50
08/07/2021	14:08:12	78782.78	394747.90	36.48	Concrete	10,980	-0.83
08/07/2021	14:09:01	78781.98	394747.86	36.45	Concrete	10,260	-1.34
08/07/2021	14:09:02	78781.92	394747.86	36.41	Concrete	10,740	-1.00
08/07/2021	14:09:14	78781.28	394747.79	36.44	Concrete	11,760	-0.28
08/07/2021	14:09:15	78781.20	394747.79	36.43	Concrete	8,040	-2.90
08/07/2021	14:09:26	78780.70	394747.75	36.47	Concrete	11,580	-0.40
08/07/2021	14:09:27	78780.65	394747.83	36.52	Concrete	10,860	-0.91
08/07/2021	14:09:28	78780.58	394747.82	36.50	Concrete	10,620	-1.08
08/12/2021	9:16:54	78778.88	394749.87	40.25	Concrete	13,860	1.20
08/12/2021	9:16:55	78779.36	394749.28	40.27	Concrete	11,700	-0.32
08/14/2021	12:01:52	78789.63	394758.30	40.98	Concrete	12,840	0.48
08/14/2021	12:01:53	78789.49	394758.26	40.99	Concrete	13,560	0.99
08/14/2021	12:01:54	78789.47	394758.24	40.99	Concrete	13,020	0.61
08/14/2021	12:02:00	78789.55	394758.01	41.00	Concrete	14,520	1.67
08/14/2021	12:02:01	78789.54	394757.97	40.99	Concrete	12,360	0.15
08/14/2021	12:02:02	78789.51	394757.89	40.97	Concrete	13,380	0.86
08/14/2021	12:02:03	78789.55	394757.78	40.96	Concrete	14,040	1.33
08/14/2021	12:02:04	78789.55	394757.67	40.95	Concrete	12,600	0.31
08/14/2021	12:02:05	78789.64	394757.60	40.94	Concrete	12,900	0.53
08/14/2021	12:02:06	78789.64	394757.45	40.93	Concrete	11,640	-0.36
08/14/2021	12:02:07	78789.58	394757.32	40.94	Concrete	16,140	2.81
08/14/2021	12:02:08	78789.64	394757.22	40.93	Concrete	11,940	-0.15
08/14/2021	12:02:09	78789.57	394757.07	40.92	Concrete	13,320	0.82
08/14/2021	12:02:10	78789.61	394756.94	40.92	Concrete	12,960	0.57
08/14/2021	12:02:11	78789.62	394756.83	40.92	Concrete	12,540	0.27
08/14/2021	12:02:12	78789.67	394756.68	40.92	Concrete	13,500	0.95
08/14/2021	12:02:13	78789.70	394756.49	40.90	Concrete	12,000	-0.11
08/14/2021	12:02:14	78789.68	394756.33	40.90	Concrete	12,300	0.10
08/14/2021	12:02:15	78789.66	394756.18	40.89	Concrete	13,320	0.82
08/14/2021	12:02:16	78789.67	394756.02	40.89	Concrete	14,100	1.37
08/14/2021	12:02:17	78789.72	394755.87	40.89	Concrete	13,320	0.82
08/14/2021	12:02:18	78789.75	394755.73	40.89	Concrete	12,900	0.53
08/14/2021	12:02:19	78789.72	394755.57	40.88	Concrete	13,920	1.25
08/14/2021	12:02:20	78789.74	394755.42	40.88	Concrete	11,460	-0.49
08/14/2021	12:02:21	78789.76	394755.24	40.87	Concrete	13,680	1.08
08/14/2021	12:02:22	78789.78	394755.08	40.87	Concrete	11,700	-0.32
08/14/2021	12:02:23	78789.80	394754.91	40.84	Concrete	13,140	0.70
08/14/2021	12:02:24	78789.85	394754.72	40.83	Concrete	12,840	0.48
08/14/2021	12:02:25	78789.80	394754.55	40.82	Concrete	11,340	-0.57
08/14/2021	12:02:26	78789.82	394754.38	40.79	Concrete	14,100	1.37
08/14/2021	12:02:27	78789.83	394754.16	40.77	Concrete	12,420	0.19
08/14/2021	12:02:28	78789.89	394753.96	40.77	Concrete	14,460	1.63

SU 7A GWS RESULTS

08/14/2021	12:02:29	78789.91	394753.71	40.76	Concrete	12,360	0.15
08/14/2021	12:02:30	78789.89	394753.42	40.76	Concrete	12,720	0.40
08/14/2021	12:02:31	78789.96	394753.18	40.76	Concrete	12,120	-0.02
08/14/2021	12:02:32	78789.91	394753.02	40.76	Concrete	13,080	0.65
08/14/2021	12:02:33	78789.80	394752.85	40.75	Concrete	13,680	1.08
08/14/2021	12:02:34	78789.68	394752.74	40.73	Concrete	11,940	-0.15
08/14/2021	12:02:35	78789.57	394752.62	40.71	Concrete	15,000	2.01
08/14/2021	12:02:36	78789.46	394752.50	40.71	Concrete	12,660	0.36
08/14/2021	12:02:37	78789.41	394752.38	40.71	Concrete	12,960	0.57
08/14/2021	12:02:38	78789.29	394752.23	40.70	Concrete	12,240	0.06
08/14/2021	12:02:39	78789.12	394752.05	40.69	Concrete	13,560	0.99
08/14/2021	12:02:40	78788.99	394751.87	40.67	Concrete	12,720	0.40
08/14/2021	12:02:41	78788.78	394751.74	40.67	Concrete	12,360	0.15
08/14/2021	12:02:42	78788.64	394751.55	40.69	Concrete	13,680	1.08
08/14/2021	12:02:43	78788.49	394751.34	40.71	Concrete	12,540	0.27
08/14/2021	12:02:44	78788.38	394751.08	40.74	Concrete	12,480	0.23
08/14/2021	12:02:45	78788.36	394750.76	40.77	Concrete	13,680	1.08
08/14/2021	12:02:48	78787.58	394749.95	40.88	Concrete	12,900	0.53
08/14/2021	12:02:51	78787.38	394749.66	40.93	Concrete	12,300	0.10
08/14/2021	12:02:52	78787.32	394749.54	40.94	Concrete	12,420	0.19
08/14/2021	12:02:53	78787.32	394749.47	40.95	Concrete	11,400	-0.53
08/14/2021	12:02:54	78787.33	394749.51	40.98	Concrete	12,960	0.57
08/14/2021	12:02:55	78787.45	394749.67	40.96	Concrete	11,940	-0.15
08/14/2021	12:02:56	78787.69	394749.82	40.96	Concrete	12,720	0.40
08/14/2021	12:03:00	78788.35	394750.57	40.92	Concrete	13,740	1.12
08/14/2021	12:03:03	78788.48	394750.69	40.93	Concrete	12,780	0.44
08/14/2021	12:03:04	78788.59	394750.88	40.92	Concrete	12,540	0.27
08/14/2021	12:03:05	78788.71	394751.00	40.91	Concrete	12,180	0.02
08/14/2021	12:03:07	78788.98	394751.30	40.88	Concrete	11,280	-0.62
08/14/2021	12:03:09	78789.25	394751.63	40.88	Concrete	11,640	-0.36
08/14/2021	12:03:12	78789.61	394752.13	40.87	Concrete	12,240	0.06
08/14/2021	12:03:13	78789.67	394752.29	40.88	Concrete	11,880	-0.19
08/14/2021	12:03:14	78789.77	394752.43	40.88	Concrete	12,780	0.44
08/14/2021	12:03:15	78789.91	394752.54	40.87	Concrete	13,020	0.61
08/14/2021	12:03:16	78790.02	394752.68	40.85	Concrete	12,600	0.31
08/14/2021	12:04:20	78790.03	394752.87	40.67	Concrete	13,440	0.91
08/14/2021	12:04:21	78789.88	394752.70	40.62	Concrete	11,520	-0.45
08/14/2021	12:04:22	78789.73	394752.55	40.60	Concrete	12,060	-0.07
08/14/2021	12:04:23	78789.58	394752.39	40.57	Concrete	12,540	0.27
08/14/2021	12:04:24	78789.40	394752.18	40.57	Concrete	13,560	0.99
08/14/2021	12:04:25	78789.18	394751.97	40.57	Concrete	11,940	-0.15
08/14/2021	12:04:26	78788.97	394751.77	40.56	Concrete	12,540	0.27
08/14/2021	12:04:27	78788.72	394751.58	40.55	Concrete	14,460	1.63
08/14/2021	12:04:28	78788.58	394751.32	40.56	Concrete	12,420	0.19
08/14/2021	12:04:29	78788.41	394751.07	40.61	Concrete	13,200	0.74
08/14/2021	12:04:30	78788.28	394750.89	40.64	Concrete	12,420	0.19
08/14/2021	12:04:31	78788.39	394750.73	40.64	Concrete	13,320	0.82
08/18/2021	15:13:03	78779.06	394760.75	40.97	Concrete	12,420	0.19
08/18/2021	15:13:04	78778.99	394760.82	41.04	Concrete	11,760	-0.28
08/18/2021	15:13:05	78778.86	394760.84	41.10	Concrete	13,680	1.08
08/18/2021	15:13:06	78779.01	394760.65	41.10	Concrete	12,900	0.53

SU 7A GWS RESULTS

08/18/2021	15:13:07	78778.84	394760.64	41.06	Concrete	12,180	0.02
08/18/2021	15:13:08	78778.93	394760.53	41.03	Concrete	12,840	0.48
08/18/2021	15:13:09	78778.82	394760.58	40.98	Concrete	12,540	0.27
08/18/2021	15:13:10	78778.77	394760.59	40.91	Concrete	11,340	-0.57
08/18/2021	15:13:11	78778.75	394760.52	40.85	Concrete	12,360	0.15
08/18/2021	15:13:12	78778.59	394760.52	40.81	Concrete	13,200	0.74
08/18/2021	15:13:13	78778.67	394760.38	40.79	Concrete	12,300	0.10
08/18/2021	15:13:14	78778.51	394760.32	40.78	Concrete	13,500	0.95
08/18/2021	15:13:15	78778.52	394760.23	40.75	Concrete	11,940	-0.15
08/18/2021	15:13:16	78778.42	394760.19	40.71	Concrete	13,860	1.20
08/18/2021	15:13:17	78778.34	394760.19	40.69	Concrete	11,460	-0.49
08/18/2021	15:13:18	78778.42	394760.06	40.67	Concrete	12,180	0.02
08/18/2021	15:13:19	78778.19	394760.04	40.63	Concrete	11,040	-0.79
08/18/2021	15:13:20	78778.30	394759.93	40.62	Concrete	12,900	0.53
08/18/2021	15:13:21	78778.17	394759.90	40.61	Concrete	14,220	1.46
08/18/2021	15:13:22	78778.26	394759.77	40.60	Concrete	13,620	1.03
08/18/2021	15:13:23	78778.18	394759.76	40.59	Concrete	14,280	1.50
08/18/2021	15:13:24	78778.09	394759.66	40.55	Concrete	12,000	-0.11
08/18/2021	15:13:25	78778.05	394759.59	40.51	Concrete	13,140	0.70
08/18/2021	15:13:26	78777.96	394759.55	40.51	Concrete	11,460	-0.49
08/18/2021	15:13:27	78777.98	394759.44	40.52	Concrete	11,820	-0.24
08/18/2021	15:13:28	78777.79	394759.43	40.53	Concrete	13,080	0.65
08/18/2021	15:13:29	78777.74	394759.32	40.50	Concrete	13,560	0.99
08/18/2021	15:13:30	78777.63	394759.31	40.47	Concrete	13,020	0.61
08/18/2021	15:13:31	78777.64	394759.20	40.42	Concrete	12,900	0.53
08/18/2021	15:13:32	78777.46	394759.23	40.40	Concrete	14,040	1.33
08/18/2021	15:13:33	78777.43	394759.21	40.39	Concrete	12,180	0.02
08/18/2021	15:13:34	78777.50	394758.98	40.36	Concrete	10,500	-1.17
08/18/2021	15:13:35	78777.34	394758.99	40.35	Concrete	14,100	1.37
08/18/2021	15:13:36	78777.36	394758.83	40.37	Concrete	12,420	0.19
08/18/2021	15:13:37	78777.20	394758.74	40.37	Concrete	13,200	0.74
08/18/2021	15:13:38	78777.13	394758.60	40.38	Concrete	11,040	-0.79
08/18/2021	15:13:39	78777.05	394758.47	40.37	Concrete	13,200	0.74
08/18/2021	15:13:40	78776.85	394758.44	40.39	Concrete	12,000	-0.11
08/18/2021	15:13:41	78776.83	394758.22	40.39	Concrete	12,900	0.53
08/18/2021	15:13:42	78776.57	394758.13	40.41	Concrete	12,840	0.48
08/18/2021	15:13:43	78776.50	394757.98	40.42	Concrete	13,440	0.91
08/18/2021	15:13:44	78776.32	394757.87	40.46	Concrete	13,080	0.65
08/18/2021	15:13:45	78776.09	394757.68	40.47	Concrete	15,300	2.22
08/18/2021	15:13:46	78775.97	394757.50	40.45	Concrete	12,120	-0.02
08/18/2021	15:13:47	78775.94	394757.29	40.45	Concrete	13,260	0.78
08/18/2021	15:13:48	78775.93	394757.12	40.47	Concrete	14,520	1.67
08/18/2021	15:13:49	78775.97	394756.94	40.48	Concrete	13,200	0.74
08/18/2021	15:13:50	78775.95	394756.77	40.49	Concrete	14,160	1.41
08/18/2021	15:13:51	78776.04	394756.57	40.49	Concrete	12,780	0.44
08/18/2021	15:13:52	78776.02	394756.32	40.50	Concrete	13,260	0.78
08/18/2021	15:13:53	78776.07	394756.14	40.50	Concrete	13,200	0.74
08/18/2021	15:13:54	78776.00	394756.01	40.50	Concrete	12,300	0.10
08/18/2021	15:13:55	78776.12	394755.88	40.50	Concrete	12,900	0.53
08/18/2021	15:13:56	78776.05	394755.64	40.50	Concrete	11,760	-0.28
08/18/2021	15:13:57	78776.10	394755.46	40.49	Concrete	12,480	0.23

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08/18/2021	15:13:58	78776.11	394755.26	40.49	Concrete	13,560	0.99
08/18/2021	15:13:59	78776.14	394755.04	40.49	Concrete	12,300	0.10
08/18/2021	15:14:00	78776.21	394754.88	40.49	Concrete	13,080	0.65
08/18/2021	15:14:01	78776.12	394754.61	40.48	Concrete	14,100	1.37
08/18/2021	15:14:02	78776.17	394754.48	40.47	Concrete	13,920	1.25
08/18/2021	15:14:03	78776.20	394754.32	40.46	Concrete	14,220	1.46
08/18/2021	15:14:04	78776.14	394754.11	40.47	Concrete	13,080	0.65
08/18/2021	15:14:05	78776.21	394753.89	40.47	Concrete	13,560	0.99
08/18/2021	15:14:06	78776.20	394753.71	40.46	Concrete	12,960	0.57
08/18/2021	15:14:07	78776.28	394753.53	40.45	Concrete	14,880	1.92
08/18/2021	15:14:08	78776.27	394753.25	40.45	Concrete	13,380	0.86
08/18/2021	15:14:09	78776.29	394753.02	40.45	Concrete	13,380	0.86
08/18/2021	15:14:10	78776.34	394752.77	40.44	Concrete	13,080	0.65
08/18/2021	15:14:11	78776.27	394752.43	40.44	Concrete	15,180	2.13
08/18/2021	15:14:12	78776.36	394752.24	40.45	Concrete	12,900	0.53
08/18/2021	15:14:13	78776.43	394751.94	40.46	Concrete	11,700	-0.32
08/18/2021	15:14:14	78776.59	394751.79	40.48	Concrete	12,780	0.44
08/18/2021	15:14:15	78776.73	394751.57	40.48	Concrete	11,820	-0.24
08/18/2021	15:14:16	78776.96	394751.56	40.47	Concrete	13,380	0.86
08/18/2021	15:14:17	78777.12	394751.30	40.47	Concrete	14,940	1.96
08/18/2021	15:14:18	78777.38	394751.18	40.49	Concrete	13,200	0.74
08/18/2021	15:14:19	78777.49	394750.90	40.51	Concrete	13,620	1.03
08/18/2021	15:14:20	78777.77	394750.82	40.51	Concrete	13,140	0.70
08/18/2021	15:14:21	78777.99	394750.55	40.51	Concrete	14,640	1.75
08/18/2021	15:14:22	78778.24	394750.34	40.52	Concrete	13,920	1.25
08/18/2021	15:14:23	78778.37	394750.20	40.52	Concrete	13,500	0.95
08/18/2021	15:14:24	78778.52	394750.13	40.51	Concrete	13,260	0.78
08/18/2021	15:14:25	78778.61	394749.84	40.50	Concrete	11,220	-0.66
08/18/2021	15:14:26	78778.79	394749.59	40.51	Concrete	12,180	0.02
08/18/2021	15:14:27	78779.02	394749.37	40.54	Concrete	12,360	0.15
08/18/2021	15:14:28	78779.22	394749.40	40.57	Concrete	13,680	1.08
08/18/2021	15:14:29	78779.29	394749.40	40.57	Concrete	13,080	0.65
08/18/2021	15:14:30	78779.38	394749.32	40.59	Concrete	14,280	1.50
08/18/2021	15:14:31	78779.50	394749.22	40.61	Concrete	12,180	0.02
08/18/2021	15:14:32	78779.67	394749.09	40.61	Concrete	13,260	0.78
08/18/2021	15:14:33	78779.90	394748.91	40.63	Concrete	10,380	-1.25
08/18/2021	15:14:34	78780.03	394748.70	40.63	Concrete	9,060	-2.18
08/18/2021	15:14:35	78780.26	394748.59	40.59	Concrete	12,060	-0.07
08/18/2021	15:14:36	78780.42	394748.43	40.54	Concrete	10,860	-0.91
08/18/2021	15:14:37	78780.52	394748.27	40.53	Concrete	11,040	-0.79
08/18/2021	15:14:38	78780.53	394748.21	40.53	Concrete	10,080	-1.46
08/18/2021	15:14:39	78780.73	394748.28	40.49	Concrete	10,380	-1.25
08/18/2021	15:14:40	78780.96	394748.31	40.49	Concrete	12,000	-0.11
08/18/2021	15:14:41	78781.18	394748.34	40.47	Concrete	12,960	0.57
08/18/2021	15:14:42	78781.35	394748.46	40.37	Concrete	11,400	-0.53
08/18/2021	15:14:43	78781.54	394748.45	40.32	Concrete	11,820	-0.24
08/18/2021	15:14:44	78781.63	394748.43	40.32	Concrete	12,540	0.27
08/18/2021	15:14:45	78781.82	394748.48	40.29	Concrete	12,240	0.06
08/18/2021	15:14:46	78781.91	394748.42	40.28	Concrete	11,940	-0.15
08/18/2021	15:14:47	78782.07	394748.41	40.26	Concrete	13,680	1.08
08/18/2021	15:14:48	78782.12	394748.33	40.25	Concrete	13,200	0.74

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08/18/2021	15:14:49	78782.27	394748.47	40.25	Concrete	12,060	-0.07
08/18/2021	15:14:50	78782.32	394748.38	40.24	Concrete	12,240	0.06
08/18/2021	15:14:51	78782.49	394748.50	40.26	Concrete	11,940	-0.15
08/18/2021	15:14:52	78782.56	394748.40	40.23	Concrete	12,360	0.15
08/18/2021	15:14:53	78782.69	394748.49	40.25	Concrete	12,420	0.19
08/18/2021	15:14:54	78782.82	394748.50	40.26	Concrete	12,960	0.57
08/18/2021	15:14:55	78782.95	394748.58	40.26	Concrete	13,980	1.29
08/18/2021	15:14:56	78783.06	394748.56	40.26	Concrete	12,960	0.57
08/18/2021	15:14:57	78783.22	394748.58	40.26	Concrete	12,000	-0.11
08/18/2021	15:14:58	78783.41	394748.53	40.25	Concrete	12,420	0.19
08/18/2021	15:14:59	78783.63	394748.62	40.25	Concrete	11,460	-0.49
08/18/2021	15:15:00	78783.69	394748.54	40.24	Concrete	16,020	2.73
08/18/2021	15:15:01	78783.94	394748.67	40.25	Concrete	11,220	-0.66
08/18/2021	15:15:02	78784.00	394748.54	40.23	Concrete	14,520	1.67
08/18/2021	15:15:03	78784.01	394748.51	40.21	Concrete	12,960	0.57
08/18/2021	15:15:04	78784.29	394748.71	40.26	Concrete	11,880	-0.19
08/18/2021	15:15:05	78784.41	394748.68	40.24	Concrete	14,220	1.46
08/18/2021	15:15:06	78784.66	394748.82	40.30	Concrete	11,760	-0.28
08/18/2021	15:15:07	78784.71	394748.85	40.29	Concrete	11,880	-0.19
08/18/2021	15:15:08	78784.91	394748.81	40.28	Concrete	12,480	0.23
08/18/2021	15:15:09	78784.90	394748.79	40.26	Concrete	11,040	-0.79
08/18/2021	15:15:10	78784.99	394748.78	40.24	Concrete	11,580	-0.40
08/18/2021	15:15:11	78785.40	394748.90	40.39	Concrete	11,940	-0.15
08/18/2021	15:15:12	78785.56	394748.78	40.38	Concrete	12,180	0.02
08/18/2021	15:15:13	78785.54	394748.73	40.38	Concrete	11,820	-0.24
08/18/2021	15:15:14	78785.50	394748.71	40.36	Concrete	13,200	0.74
08/18/2021	15:15:15	78785.60	394748.72	40.33	Concrete	11,580	-0.40
08/18/2021	15:15:16	78785.62	394748.59	40.30	Concrete	9,540	-1.84
08/18/2021	15:15:17	78785.89	394748.68	40.30	Concrete	12,780	0.44
08/18/2021	15:15:18	78786.11	394748.62	40.29	Concrete	12,120	-0.02
08/18/2021	15:15:19	78786.21	394748.60	40.29	Concrete	11,460	-0.49
08/18/2021	15:15:20	78786.22	394748.76	40.31	Concrete	10,860	-0.91
08/18/2021	15:15:21	78786.45	394748.76	40.31	Concrete	11,400	-0.53
08/18/2021	15:15:22	78786.53	394748.92	40.33	Concrete	11,520	-0.45
08/18/2021	15:15:23	78786.64	394749.03	40.36	Concrete	12,960	0.57
08/18/2021	15:15:24	78786.75	394749.17	40.37	Concrete	10,740	-1.00
08/18/2021	15:15:25	78786.86	394749.33	40.43	Concrete	12,360	0.15
08/18/2021	15:15:26	78786.92	394749.46	40.43	Concrete	11,460	-0.49
08/18/2021	15:15:27	78786.92	394749.69	40.48	Concrete	12,000	-0.11
08/18/2021	15:15:28	78787.08	394749.84	40.47	Concrete	10,980	-0.83
08/18/2021	15:15:29	78787.07	394750.04	40.47	Concrete	13,560	0.99
08/18/2021	15:15:30	78787.32	394749.98	40.46	Concrete	12,360	0.15
08/18/2021	15:15:31	78787.63	394750.19	40.49	Concrete	10,800	-0.95
08/18/2021	15:15:32	78787.98	394750.48	40.50	Concrete	10,560	-1.12
08/18/2021	15:15:33	78787.91	394750.64	40.49	Concrete	12,540	0.27
08/18/2021	15:15:34	78788.01	394750.80	40.49	Concrete	12,780	0.44
08/18/2021	15:15:35	78788.09	394750.91	40.50	Concrete	13,500	0.95
08/18/2021	15:15:36	78788.18	394751.08	40.51	Concrete	14,880	1.92
08/18/2021	15:15:37	78788.31	394751.21	40.52	Concrete	14,460	1.63
08/18/2021	15:15:38	78788.38	394751.40	40.53	Concrete	11,580	-0.40
08/18/2021	15:15:39	78788.46	394751.49	40.54	Concrete	13,620	1.03

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08/18/2021	15:15:40	78788.55	394751.55	40.55	Concrete	11,700	-0.32
08/18/2021	15:15:41	78788.64	394751.56	40.56	Concrete	10,140	-1.42
08/18/2021	15:15:42	78788.61	394751.77	40.56	Concrete	10,620	-1.08
08/18/2021	15:15:43	78788.83	394751.81	40.55	Concrete	13,140	0.70
08/18/2021	15:15:44	78788.83	394752.01	40.56	Concrete	11,340	-0.57
08/18/2021	15:15:45	78789.03	394752.09	40.56	Concrete	11,340	-0.57
08/18/2021	15:15:46	78789.00	394752.28	40.56	Concrete	11,220	-0.66
08/18/2021	15:15:47	78789.28	394752.38	40.57	Concrete	14,340	1.54
08/18/2021	15:15:48	78789.29	394752.57	40.55	Concrete	12,300	0.10
08/18/2021	15:15:49	78789.61	394752.68	40.55	Concrete	13,920	1.25
08/18/2021	15:15:50	78789.57	394752.89	40.56	Concrete	12,360	0.15
08/18/2021	15:15:51	78789.73	394753.05	40.57	Concrete	11,760	-0.28
08/18/2021	15:15:52	78789.63	394753.18	40.57	Concrete	12,600	0.31
08/18/2021	15:15:53	78789.67	394753.32	40.57	Concrete	12,660	0.36
08/18/2021	15:15:54	78789.74	394753.41	40.56	Concrete	12,300	0.10
08/18/2021	15:15:55	78789.57	394753.54	40.56	Concrete	13,260	0.78
08/18/2021	15:15:56	78789.66	394753.77	40.57	Concrete	13,260	0.78
08/18/2021	15:15:57	78789.54	394753.90	40.55	Concrete	13,800	1.16
08/18/2021	15:15:58	78789.59	394754.06	40.54	Concrete	16,380	2.98
08/18/2021	15:15:59	78789.48	394754.14	40.54	Concrete	13,260	0.78
08/18/2021	15:16:00	78789.53	394754.31	40.55	Concrete	11,940	-0.15
08/18/2021	15:16:01	78789.44	394754.44	40.54	Concrete	14,460	1.63
08/18/2021	15:16:02	78789.56	394754.57	40.55	Concrete	13,260	0.78
08/18/2021	15:16:03	78789.42	394754.70	40.56	Concrete	12,360	0.15
08/18/2021	15:16:04	78789.51	394754.86	40.57	Concrete	12,180	0.02
08/18/2021	15:16:05	78789.37	394754.98	40.57	Concrete	11,640	-0.36
08/18/2021	15:16:06	78789.46	394755.19	40.58	Concrete	12,360	0.15
08/18/2021	15:16:07	78789.32	394755.31	40.59	Concrete	11,700	-0.32
08/18/2021	15:16:08	78789.43	394755.54	40.59	Concrete	13,320	0.82
08/18/2021	15:16:09	78789.35	394755.64	40.58	Concrete	13,200	0.74
08/18/2021	15:16:10	78789.38	394755.83	40.59	Concrete	12,780	0.44
08/18/2021	15:16:11	78789.28	394755.97	40.60	Concrete	13,680	1.08
08/18/2021	15:16:12	78789.34	394756.19	40.60	Concrete	12,840	0.48
08/18/2021	15:16:13	78789.24	394756.34	40.61	Concrete	13,920	1.25
08/18/2021	15:16:14	78789.28	394756.56	40.61	Concrete	13,080	0.65
08/18/2021	15:16:15	78789.20	394756.76	40.59	Concrete	12,120	-0.02
08/18/2021	15:16:16	78789.24	394756.97	40.60	Concrete	13,080	0.65
08/18/2021	15:16:17	78789.27	394757.17	40.59	Concrete	13,560	0.99
08/18/2021	15:16:18	78789.24	394757.32	40.60	Concrete	11,640	-0.36
08/18/2021	15:16:19	78789.25	394757.53	40.59	Concrete	12,720	0.40
08/18/2021	15:16:20	78789.22	394757.66	40.57	Concrete	13,800	1.16
08/18/2021	15:16:21	78789.17	394757.82	40.56	Concrete	11,460	-0.49
08/18/2021	15:16:22	78789.24	394758.06	40.54	Concrete	12,060	-0.07
08/18/2021	15:16:23	78789.10	394758.18	40.54	Concrete	16,320	2.94
08/18/2021	15:16:24	78789.10	394758.48	40.53	Concrete	11,460	-0.49
08/18/2021	15:16:25	78788.95	394758.44	40.53	Concrete	12,060	-0.07
08/18/2021	15:16:26	78788.88	394758.66	40.52	Concrete	10,980	-0.83
08/18/2021	15:16:27	78788.68	394758.69	40.52	Concrete	12,780	0.44
08/18/2021	15:16:28	78788.62	394758.87	40.51	Concrete	11,400	-0.53
08/18/2021	15:16:29	78788.42	394758.87	40.50	Concrete	12,900	0.53
08/18/2021	15:16:30	78788.38	394759.09	40.50	Concrete	13,260	0.78

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08/18/2021	15:16:31	78788.19	394759.11	40.50	Concrete	13,260	0.78
08/18/2021	15:16:32	78788.07	394759.33	40.49	Concrete	13,260	0.78
08/18/2021	15:16:33	78787.89	394759.34	40.48	Concrete	11,520	-0.45
08/18/2021	15:16:34	78787.82	394759.59	40.48	Concrete	12,600	0.31
08/18/2021	15:16:35	78787.67	394759.62	40.47	Concrete	11,820	-0.24
08/18/2021	15:16:36	78787.51	394759.76	40.49	Concrete	13,320	0.82
08/18/2021	15:16:37	78787.48	394759.88	40.49	Concrete	12,780	0.44
08/18/2021	15:16:38	78787.24	394759.85	40.49	Concrete	12,060	-0.07
08/18/2021	15:16:39	78787.16	394760.10	40.49	Concrete	14,940	1.96
08/18/2021	15:16:40	78786.97	394760.10	40.47	Concrete	12,000	-0.11
08/18/2021	15:16:41	78786.88	394760.27	40.49	Concrete	11,220	-0.66
08/18/2021	15:16:42	78786.83	394760.35	40.49	Concrete	12,300	0.10
08/18/2021	15:16:43	78786.77	394760.33	40.48	Concrete	12,360	0.15
08/18/2021	15:16:44	78786.71	394760.33	40.48	Concrete	11,460	-0.49
08/18/2021	15:16:45	78786.72	394760.56	40.47	Concrete	12,000	-0.11
08/18/2021	15:16:46	78786.54	394760.54	40.46	Concrete	13,080	0.65
08/18/2021	15:16:47	78786.51	394760.74	40.44	Concrete	12,300	0.10
08/18/2021	15:16:48	78786.35	394760.74	40.43	Concrete	12,180	0.02
08/18/2021	15:16:49	78786.25	394760.86	40.42	Concrete	14,160	1.41
08/18/2021	15:16:50	78786.17	394761.01	40.42	Concrete	12,060	-0.07
08/18/2021	15:16:51	78785.99	394761.03	40.41	Concrete	11,700	-0.32
08/18/2021	15:16:52	78785.90	394761.31	40.41	Concrete	12,240	0.06
08/18/2021	15:16:53	78785.69	394761.28	40.40	Concrete	13,020	0.61
08/18/2021	15:16:54	78785.60	394761.55	40.41	Concrete	13,140	0.70
08/18/2021	15:16:55	78785.38	394761.57	40.40	Concrete	11,940	-0.15
08/18/2021	15:16:56	78785.27	394761.88	40.39	Concrete	11,700	-0.32
08/18/2021	15:16:57	78785.14	394761.87	40.37	Concrete	13,740	1.12
08/18/2021	15:16:58	78784.91	394762.02	40.35	Concrete	12,180	0.02
08/18/2021	15:16:59	78784.79	394762.07	40.35	Concrete	13,320	0.82
08/18/2021	15:17:00	78784.69	394761.92	40.34	Concrete	11,280	-0.62
08/18/2021	15:17:01	78784.47	394762.00	40.32	Concrete	11,340	-0.57
08/18/2021	15:17:02	78784.36	394761.89	40.31	Concrete	13,920	1.25
08/18/2021	15:17:03	78784.16	394762.00	40.29	Concrete	15,000	2.01
08/18/2021	15:17:04	78784.09	394761.85	40.28	Concrete	11,640	-0.36
08/18/2021	15:17:05	78783.87	394761.94	40.27	Concrete	11,520	-0.45
08/18/2021	15:17:06	78783.75	394761.86	40.26	Concrete	14,940	1.96
08/18/2021	15:17:07	78783.54	394761.92	40.24	Concrete	13,200	0.74
08/18/2021	15:17:08	78783.41	394761.79	40.25	Concrete	13,260	0.78
08/18/2021	15:17:09	78783.16	394761.85	40.24	Concrete	13,920	1.25
08/18/2021	15:17:10	78783.03	394761.83	40.23	Concrete	15,780	2.56
08/18/2021	15:17:11	78782.82	394761.83	40.22	Concrete	13,140	0.70
08/18/2021	15:17:12	78782.63	394761.74	40.23	Concrete	12,300	0.10
08/18/2021	15:17:13	78782.44	394761.81	40.22	Concrete	12,900	0.53
08/18/2021	15:17:14	78782.31	394761.81	40.22	Concrete	12,660	0.36
08/18/2021	15:17:15	78782.17	394761.71	40.21	Concrete	12,720	0.40
08/18/2021	15:17:16	78781.99	394761.82	40.20	Concrete	12,480	0.23
08/18/2021	15:17:17	78781.90	394761.65	40.20	Concrete	13,380	0.86
08/18/2021	15:17:18	78781.63	394761.74	40.19	Concrete	14,340	1.54
08/18/2021	15:17:19	78781.46	394761.60	40.18	Concrete	13,260	0.78
08/18/2021	15:17:20	78781.21	394761.68	40.17	Concrete	11,880	-0.19
08/18/2021	15:17:21	78780.99	394761.59	40.15	Concrete	13,200	0.74

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08/18/2021	15:17:22	78780.75	394761.62	40.14	Concrete	11,160	-0.70
08/18/2021	15:17:23	78780.59	394761.53	40.14	Concrete	13,320	0.82
08/18/2021	15:17:24	78780.41	394761.63	40.14	Concrete	13,620	1.03
08/18/2021	15:17:25	78780.25	394761.54	40.12	Concrete	12,900	0.53
08/18/2021	15:17:26	78780.01	394761.62	40.11	Concrete	13,560	0.99
08/18/2021	15:17:27	78779.77	394761.54	40.11	Concrete	11,820	-0.24
08/18/2021	15:17:28	78779.57	394761.44	40.10	Concrete	12,840	0.48
08/18/2021	15:17:29	78779.40	394761.32	40.10	Concrete	12,780	0.44
08/18/2021	15:17:30	78779.39	394761.14	40.09	Concrete	12,300	0.10
08/18/2021	15:17:31	78779.15	394761.02	40.07	Concrete	12,840	0.48
08/18/2021	15:17:32	78779.16	394760.81	40.06	Concrete	13,620	1.03
08/18/2021	15:17:33	78778.93	394760.73	40.05	Concrete	14,100	1.37
08/18/2021	15:17:34	78778.80	394760.57	40.03	Concrete	12,900	0.53
08/18/2021	15:17:41	78779.63	394760.91	40.38	Concrete	11,700	-0.32
08/18/2021	15:17:42	78779.62	394760.94	40.39	Concrete	11,220	-0.66
08/18/2021	15:17:43	78779.62	394761.03	40.39	Concrete	11,220	-0.66
08/18/2021	15:17:44	78779.74	394760.98	40.39	Concrete	9,480	-1.89
08/18/2021	15:17:45	78779.84	394761.01	40.40	Concrete	13,620	1.03
08/18/2021	15:17:46	78779.91	394761.10	40.40	Concrete	11,160	-0.70
08/18/2021	15:17:47	78780.02	394761.04	40.40	Concrete	11,640	-0.36
08/18/2021	15:17:48	78780.12	394761.18	40.41	Concrete	10,800	-0.95
08/18/2021	15:17:49	78780.27	394761.13	40.41	Concrete	11,880	-0.19
08/18/2021	15:17:50	78780.38	394761.18	40.42	Concrete	12,660	0.36
08/18/2021	15:17:51	78780.46	394761.20	40.42	Concrete	11,280	-0.62
08/18/2021	15:17:52	78780.57	394761.11	40.41	Concrete	13,260	0.78
08/18/2021	15:17:53	78780.66	394761.21	40.42	Concrete	11,220	-0.66
08/18/2021	15:17:54	78780.80	394761.08	40.42	Concrete	14,160	1.41
08/18/2021	15:17:55	78780.89	394761.15	40.42	Concrete	12,480	0.23
08/18/2021	15:17:56	78780.92	394761.28	40.42	Concrete	11,940	-0.15
08/18/2021	15:17:57	78780.96	394761.30	40.42	Concrete	11,100	-0.74
08/18/2021	15:17:58	78781.13	394761.19	40.42	Concrete	11,160	-0.70
08/18/2021	15:17:59	78781.22	394761.26	40.42	Concrete	11,940	-0.15
08/18/2021	15:18:00	78781.37	394761.22	40.41	Concrete	10,920	-0.87
08/18/2021	15:18:01	78781.49	394761.28	40.43	Concrete	11,760	-0.28
08/18/2021	15:18:02	78781.54	394761.36	40.41	Concrete	12,420	0.19
08/18/2021	15:18:03	78781.73	394761.27	40.41	Concrete	10,320	-1.29
08/18/2021	15:18:04	78781.86	394761.37	40.42	Concrete	10,020	-1.50
08/18/2021	15:18:05	78781.99	394761.29	40.43	Concrete	11,280	-0.62
08/18/2021	15:18:06	78782.08	394761.34	40.44	Concrete	11,460	-0.49
08/18/2021	15:18:07	78782.15	394761.43	40.45	Concrete	11,820	-0.24
08/18/2021	15:18:08	78782.30	394761.33	40.46	Concrete	11,340	-0.57
08/18/2021	15:18:09	78782.43	394761.44	40.45	Concrete	13,260	0.78
08/18/2021	15:18:10	78782.59	394761.40	40.45	Concrete	11,280	-0.62
08/18/2021	15:18:11	78782.74	394761.44	40.44	Concrete	10,800	-0.95
08/18/2021	15:18:12	78782.85	394761.48	40.43	Concrete	11,040	-0.79
08/18/2021	15:18:13	78782.98	394761.39	40.42	Concrete	12,000	-0.11
08/18/2021	15:18:14	78783.12	394761.48	40.41	Concrete	12,120	-0.02
08/18/2021	15:18:15	78783.31	394761.41	40.42	Concrete	11,880	-0.19
08/18/2021	15:18:16	78783.43	394761.49	40.42	Concrete	12,300	0.10
08/18/2021	15:18:17	78783.57	394761.44	40.41	Concrete	11,040	-0.79
08/18/2021	15:18:18	78783.69	394761.54	40.42	Concrete	11,520	-0.45

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08/18/2021	15:18:19	78783.84	394761.46	40.42	Concrete	11,400	-0.53
08/18/2021	15:18:20	78784.01	394761.51	40.41	Concrete	11,160	-0.70
08/18/2021	15:18:21	78784.22	394761.44	40.41	Concrete	9,960	-1.55
08/18/2021	15:18:22	78784.40	394761.50	40.41	Concrete	11,820	-0.24
08/18/2021	15:18:23	78784.62	394761.45	40.42	Concrete	10,500	-1.17
08/18/2021	15:18:24	78784.96	394761.45	40.41	Concrete	9,780	-1.67
08/18/2021	15:18:25	78785.00	394761.56	40.42	Concrete	11,700	-0.32
08/18/2021	15:18:26	78784.92	394761.70	40.42	Concrete	10,200	-1.38
08/18/2021	15:18:27	78784.81	394761.63	40.42	Concrete	10,500	-1.17
08/18/2021	15:18:28	78784.63	394761.65	40.43	Concrete	11,400	-0.53
08/18/2021	15:18:29	78784.49	394761.59	40.43	Concrete	10,740	-1.00
08/18/2021	15:18:30	78784.34	394761.65	40.43	Concrete	10,620	-1.08
08/18/2021	15:18:31	78784.17	394761.57	40.45	Concrete	10,380	-1.25
08/18/2021	15:18:32	78783.99	394761.59	40.44	Concrete	11,520	-0.45
08/18/2021	15:18:33	78783.79	394761.61	40.46	Concrete	10,980	-0.83
08/18/2021	15:18:34	78783.66	394761.54	40.47	Concrete	12,660	0.36
08/18/2021	15:18:35	78783.51	394761.52	40.47	Concrete	10,740	-1.00
08/18/2021	15:18:36	78783.37	394761.53	40.48	Concrete	12,000	-0.11
08/18/2021	15:18:37	78783.21	394761.55	40.47	Concrete	10,680	-1.04
08/18/2021	15:18:38	78783.05	394761.46	40.48	Concrete	10,200	-1.38
08/18/2021	15:18:39	78782.92	394761.54	40.49	Concrete	10,020	-1.50
08/18/2021	15:18:40	78782.81	394761.46	40.50	Concrete	10,560	-1.12
08/18/2021	15:18:41	78782.65	394761.49	40.50	Concrete	12,780	0.44
08/18/2021	15:18:42	78782.52	394761.42	40.51	Concrete	11,880	-0.19
08/18/2021	15:18:43	78782.34	394761.44	40.51	Concrete	10,260	-1.34
08/18/2021	15:18:44	78782.16	394761.35	40.50	Concrete	10,980	-0.83
08/18/2021	15:18:45	78781.98	394761.38	40.50	Concrete	12,540	0.27
08/18/2021	15:18:46	78781.84	394761.31	40.49	Concrete	12,240	0.06
08/18/2021	15:18:47	78781.65	394761.31	40.49	Concrete	11,460	-0.49
08/18/2021	15:18:48	78781.48	394761.22	40.49	Concrete	11,520	-0.45
08/18/2021	15:18:49	78781.28	394761.32	40.49	Concrete	11,700	-0.32
08/18/2021	15:18:50	78781.12	394761.28	40.48	Concrete	11,820	-0.24
08/18/2021	15:18:51	78780.93	394761.32	40.49	Concrete	12,600	0.31
08/18/2021	15:18:52	78780.75	394761.21	40.48	Concrete	11,760	-0.28
08/18/2021	15:18:53	78780.54	394761.12	40.48	Concrete	10,440	-1.21
08/18/2021	15:18:54	78780.30	394761.13	40.49	Concrete	10,800	-0.95
08/18/2021	15:18:55	78780.12	394761.12	40.50	Concrete	12,540	0.27
08/18/2021	15:18:56	78779.86	394761.05	40.51	Concrete	11,220	-0.66
08/18/2021	15:18:57	78779.65	394760.87	40.48	Concrete	11,220	-0.66
08/18/2021	15:18:58	78779.52	394760.68	40.49	Concrete	12,600	0.31
08/18/2021	15:18:59	78779.46	394760.61	40.48	Concrete	14,100	1.37
08/18/2021	15:19:00	78779.49	394760.62	40.49	Concrete	10,920	-0.87
08/18/2021	15:19:01	78779.62	394760.66	40.48	Concrete	10,020	-1.50
08/18/2021	15:19:02	78779.75	394760.79	40.47	Concrete	11,520	-0.45
08/18/2021	15:19:03	78779.91	394760.75	40.47	Concrete	11,160	-0.70
08/18/2021	15:19:04	78780.00	394760.80	40.46	Concrete	12,840	0.48
08/18/2021	15:19:05	78780.09	394760.83	40.46	Concrete	10,620	-1.08
08/18/2021	15:19:06	78780.23	394760.84	40.46	Concrete	12,780	0.44
08/18/2021	15:19:07	78780.34	394760.86	40.48	Concrete	11,220	-0.66
08/18/2021	15:19:08	78780.46	394760.93	40.47	Concrete	11,040	-0.79
08/18/2021	15:19:09	78780.59	394760.90	40.46	Concrete	11,520	-0.45

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08/18/2021	15:19:10	78780.74	394760.91	40.45	Concrete	12,540	0.27
08/18/2021	15:19:11	78780.91	394760.89	40.46	Concrete	12,660	0.36
08/18/2021	15:19:12	78781.05	394760.92	40.47	Concrete	11,400	-0.53
08/18/2021	15:19:13	78781.18	394760.92	40.47	Concrete	13,020	0.61
08/18/2021	15:19:14	78781.31	394760.91	40.47	Concrete	10,980	-0.83
08/18/2021	15:19:15	78781.46	394760.90	40.47	Concrete	13,560	0.99
08/18/2021	15:19:16	78781.60	394760.99	40.47	Concrete	10,620	-1.08
08/18/2021	15:19:17	78781.80	394760.93	40.48	Concrete	11,220	-0.66
08/18/2021	15:19:18	78781.93	394761.01	40.47	Concrete	12,240	0.06
08/18/2021	15:19:19	78782.10	394760.99	40.47	Concrete	11,700	-0.32
08/18/2021	15:19:20	78782.26	394761.10	40.48	Concrete	10,380	-1.25
08/18/2021	15:19:21	78782.49	394761.00	40.49	Concrete	12,540	0.27
08/18/2021	15:19:22	78782.59	394761.11	40.48	Concrete	11,940	-0.15
08/18/2021	15:19:23	78782.79	394761.07	40.49	Concrete	10,260	-1.34
08/18/2021	15:19:24	78782.94	394761.20	40.48	Concrete	12,120	-0.02
08/18/2021	15:19:25	78783.14	394761.16	40.47	Concrete	12,780	0.44
08/18/2021	15:19:26	78783.30	394761.25	40.46	Concrete	11,520	-0.45
08/18/2021	15:19:27	78783.54	394761.20	40.46	Concrete	10,980	-0.83
08/18/2021	15:19:28	78783.76	394761.22	40.45	Concrete	14,520	1.67
08/18/2021	15:19:29	78783.99	394761.21	40.45	Concrete	11,820	-0.24
08/18/2021	15:19:30	78784.18	394761.24	40.44	Concrete	11,700	-0.32
08/18/2021	15:19:31	78784.36	394761.30	40.44	Concrete	11,040	-0.79
08/18/2021	15:19:32	78784.54	394761.30	40.43	Concrete	10,800	-0.95
08/18/2021	15:19:33	78784.73	394761.36	40.44	Concrete	11,640	-0.36
08/18/2021	15:19:34	78784.93	394761.32	40.44	Concrete	11,760	-0.28
08/18/2021	15:19:35	78785.23	394761.28	40.47	Concrete	13,740	1.12
08/18/2021	15:19:36	78785.22	394761.33	40.44	Concrete	12,060	-0.07
08/18/2021	15:19:37	78785.18	394761.22	40.43	Concrete	12,780	0.44
08/18/2021	15:19:38	78785.23	394761.25	40.43	Concrete	13,740	1.12
08/18/2021	15:19:39	78785.40	394761.22	40.43	Concrete	12,780	0.44
08/18/2021	15:19:40	78785.45	394761.25	40.43	Concrete	12,480	0.23
08/18/2021	15:19:41	78785.47	394761.23	40.42	Concrete	12,900	0.53
08/18/2021	15:19:42	78785.36	394761.25	40.41	Concrete	12,240	0.06
08/18/2021	15:19:43	78785.23	394761.29	40.41	Concrete	12,180	0.02
08/18/2021	15:19:44	78785.16	394761.16	40.41	Concrete	12,360	0.15
08/18/2021	15:19:45	78785.07	394761.14	40.41	Concrete	11,940	-0.15
08/18/2021	15:19:46	78784.89	394761.22	40.43	Concrete	13,680	1.08
08/18/2021	15:19:47	78784.79	394761.14	40.42	Concrete	12,720	0.40
08/18/2021	15:19:48	78784.66	394761.19	40.43	Concrete	10,080	-1.46
08/18/2021	15:19:49	78784.58	394761.18	40.43	Concrete	11,460	-0.49
08/18/2021	15:19:50	78784.52	394761.09	40.43	Concrete	11,100	-0.74
08/18/2021	15:19:51	78784.34	394761.18	40.45	Concrete	13,740	1.12
08/18/2021	15:19:52	78784.23	394761.16	40.45	Concrete	12,780	0.44
08/18/2021	15:19:53	78784.17	394761.04	40.44	Concrete	12,660	0.36
08/18/2021	15:19:54	78784.01	394761.11	40.46	Concrete	12,060	-0.07
08/18/2021	15:19:55	78783.91	394761.01	40.46	Concrete	13,620	1.03
08/18/2021	15:19:56	78783.75	394761.08	40.48	Concrete	11,640	-0.36
08/18/2021	15:19:57	78783.63	394761.01	40.47	Concrete	12,360	0.15
08/18/2021	15:19:58	78783.43	394761.07	40.48	Concrete	12,840	0.48
08/18/2021	15:19:59	78783.32	394760.97	40.48	Concrete	11,580	-0.40
08/18/2021	15:20:00	78783.13	394760.98	40.50	Concrete	12,240	0.06

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08/18/2021	15:20:01	78783.04	394760.88	40.50	Concrete	11,640	-0.36
08/18/2021	15:20:02	78782.90	394760.93	40.50	Concrete	12,300	0.10
08/18/2021	15:20:03	78782.78	394760.87	40.50	Concrete	12,180	0.02
08/18/2021	15:20:04	78782.65	394760.83	40.51	Concrete	12,180	0.02
08/18/2021	15:20:05	78782.52	394760.87	40.52	Concrete	12,180	0.02
08/18/2021	15:20:06	78782.39	394760.76	40.52	Concrete	11,640	-0.36
08/18/2021	15:20:07	78782.20	394760.85	40.53	Concrete	10,140	-1.42
08/18/2021	15:20:08	78782.09	394760.72	40.52	Concrete	11,280	-0.62
08/18/2021	15:20:09	78781.93	394760.77	40.51	Concrete	12,120	-0.02
08/18/2021	15:20:10	78781.81	394760.70	40.51	Concrete	12,360	0.15
08/18/2021	15:20:11	78781.64	394760.73	40.51	Concrete	12,180	0.02
08/18/2021	15:20:12	78781.55	394760.67	40.51	Concrete	11,940	-0.15
08/18/2021	15:20:13	78781.41	394760.68	40.51	Concrete	10,920	-0.87
08/18/2021	15:20:14	78781.26	394760.56	40.51	Concrete	10,620	-1.08
08/18/2021	15:20:15	78781.03	394760.69	40.52	Concrete	12,780	0.44
08/18/2021	15:20:16	78780.88	394760.62	40.52	Concrete	11,040	-0.79
08/18/2021	15:20:17	78780.68	394760.68	40.52	Concrete	11,640	-0.36
08/18/2021	15:20:18	78780.51	394760.62	40.50	Concrete	12,660	0.36
08/18/2021	15:20:19	78780.31	394760.72	40.50	Concrete	12,060	-0.07
08/18/2021	15:20:20	78780.12	394760.64	40.50	Concrete	11,400	-0.53
08/18/2021	15:20:21	78779.94	394760.73	40.50	Concrete	11,940	-0.15
08/18/2021	15:20:22	78779.81	394760.64	40.50	Concrete	11,400	-0.53
08/18/2021	15:20:23	78779.59	394760.72	40.51	Concrete	11,700	-0.32
08/18/2021	15:20:24	78779.39	394760.61	40.50	Concrete	12,000	-0.11
08/18/2021	15:20:25	78779.17	394760.44	40.48	Concrete	12,660	0.36
08/18/2021	15:20:26	78779.13	394760.29	40.48	Concrete	11,400	-0.53
08/18/2021	15:20:27	78779.20	394760.35	40.48	Concrete	11,400	-0.53
08/18/2021	15:20:28	78779.37	394760.29	40.46	Concrete	13,320	0.82
08/18/2021	15:20:29	78779.50	394760.33	40.46	Concrete	10,200	-1.38
08/18/2021	15:20:30	78779.63	394760.32	40.45	Concrete	12,960	0.57
08/18/2021	15:20:31	78779.71	394760.37	40.45	Concrete	11,400	-0.53
08/18/2021	15:20:32	78779.82	394760.39	40.45	Concrete	12,180	0.02
08/18/2021	15:20:33	78779.98	394760.41	40.45	Concrete	12,180	0.02
08/18/2021	15:20:34	78780.10	394760.46	40.45	Concrete	10,980	-0.83
08/18/2021	15:20:35	78780.25	394760.45	40.46	Concrete	13,680	1.08
08/18/2021	15:20:36	78780.43	394760.49	40.45	Concrete	11,520	-0.45
08/18/2021	15:20:37	78780.58	394760.48	40.48	Concrete	11,700	-0.32
08/18/2021	15:20:38	78780.69	394760.51	40.49	Concrete	13,200	0.74
08/18/2021	15:20:39	78780.81	394760.49	40.50	Concrete	11,940	-0.15
08/18/2021	15:20:40	78780.97	394760.47	40.52	Concrete	14,100	1.37
08/18/2021	15:20:41	78781.11	394760.50	40.53	Concrete	11,460	-0.49
08/18/2021	15:20:42	78781.26	394760.56	40.54	Concrete	12,600	0.31
08/18/2021	15:20:43	78781.41	394760.49	40.55	Concrete	12,060	-0.07
08/18/2021	15:20:44	78781.59	394760.63	40.56	Concrete	11,100	-0.74
08/18/2021	15:20:45	78781.80	394760.61	40.56	Concrete	12,960	0.57
08/18/2021	15:20:46	78781.90	394760.71	40.55	Concrete	10,800	-0.95
08/18/2021	15:20:47	78781.96	394760.76	40.54	Concrete	10,080	-1.46
08/18/2021	15:20:48	78782.11	394760.73	40.54	Concrete	11,160	-0.70
08/18/2021	15:20:49	78782.19	394760.80	40.54	Concrete	12,600	0.31
08/18/2021	15:20:50	78782.32	394760.70	40.53	Concrete	13,380	0.86
08/18/2021	15:20:51	78782.43	394760.76	40.52	Concrete	12,300	0.10

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08/18/2021	15:20:52	78782.62	394760.72	40.52	Concrete	11,640	-0.36
08/18/2021	15:20:53	78782.80	394760.74	40.51	Concrete	11,940	-0.15
08/18/2021	15:20:54	78783.03	394760.76	40.50	Concrete	10,680	-1.04
08/18/2021	15:20:55	78783.21	394760.80	40.48	Concrete	11,400	-0.53
08/18/2021	15:20:56	78783.38	394760.78	40.48	Concrete	13,500	0.95
08/18/2021	15:20:57	78783.51	394760.83	40.48	Concrete	11,700	-0.32
08/18/2021	15:20:58	78783.70	394760.75	40.47	Concrete	12,060	-0.07
08/18/2021	15:20:59	78783.82	394760.85	40.47	Concrete	11,940	-0.15
08/18/2021	15:21:00	78783.98	394760.85	40.47	Concrete	12,180	0.02
08/18/2021	15:21:01	78784.12	394760.93	40.46	Concrete	12,600	0.31
08/18/2021	15:21:02	78784.30	394760.89	40.46	Concrete	11,700	-0.32
08/18/2021	15:21:03	78784.45	394760.95	40.46	Concrete	11,460	-0.49
08/18/2021	15:21:04	78784.60	394760.95	40.46	Concrete	12,180	0.02
08/18/2021	15:21:05	78784.77	394761.00	40.48	Concrete	13,260	0.78
08/18/2021	15:21:06	78784.96	394761.00	40.48	Concrete	12,720	0.40
08/18/2021	15:21:07	78785.16	394761.05	40.49	Concrete	10,740	-1.00
08/18/2021	15:21:08	78785.36	394761.01	40.49	Concrete	12,180	0.02
08/18/2021	15:21:09	78785.61	394760.99	40.53	Concrete	10,140	-1.42
08/18/2021	15:21:10	78785.70	394761.04	40.52	Concrete	10,140	-1.42
08/18/2021	15:21:11	78785.67	394760.89	40.50	Concrete	11,160	-0.70
08/18/2021	15:21:12	78785.50	394760.91	40.50	Concrete	13,560	0.99
08/18/2021	15:21:13	78785.38	394760.88	40.49	Concrete	12,120	-0.02
08/18/2021	15:21:14	78785.25	394760.88	40.49	Concrete	13,260	0.78
08/18/2021	15:21:15	78785.13	394760.89	40.49	Concrete	11,160	-0.70
08/18/2021	15:21:16	78785.01	394760.83	40.49	Concrete	12,120	-0.02
08/18/2021	15:21:17	78784.86	394760.82	40.51	Concrete	10,740	-1.00
08/18/2021	15:21:18	78784.75	394760.79	40.50	Concrete	11,760	-0.28
08/18/2021	15:21:19	78784.61	394760.81	40.52	Concrete	13,260	0.78
08/18/2021	15:21:20	78784.51	394760.72	40.52	Concrete	12,840	0.48
08/18/2021	15:21:21	78784.34	394760.79	40.52	Concrete	12,300	0.10
08/18/2021	15:21:22	78784.24	394760.73	40.52	Concrete	12,300	0.10
08/18/2021	15:21:23	78784.07	394760.76	40.52	Concrete	11,760	-0.28
08/18/2021	15:21:24	78783.95	394760.68	40.52	Concrete	11,820	-0.24
08/18/2021	15:21:25	78783.81	394760.68	40.52	Concrete	12,900	0.53
08/18/2021	15:21:26	78783.67	394760.66	40.53	Concrete	12,720	0.40
08/18/2021	15:21:27	78783.50	394760.65	40.52	Concrete	10,860	-0.91
08/18/2021	15:21:28	78783.35	394760.53	40.52	Concrete	13,800	1.16
08/18/2021	15:21:29	78783.18	394760.51	40.54	Concrete	12,240	0.06
08/18/2021	15:21:30	78783.04	394760.43	40.55	Concrete	10,140	-1.42
08/18/2021	15:21:31	78782.88	394760.46	40.56	Concrete	11,760	-0.28
08/18/2021	15:21:32	78782.76	394760.45	40.56	Concrete	11,760	-0.28
08/18/2021	15:21:33	78782.65	394760.41	40.55	Concrete	11,280	-0.62
08/18/2021	15:21:34	78782.50	394760.37	40.55	Concrete	12,300	0.10
08/18/2021	15:21:35	78782.35	394760.36	40.53	Concrete	13,020	0.61
08/18/2021	15:21:36	78782.21	394760.40	40.53	Concrete	13,080	0.65
08/18/2021	15:21:37	78782.07	394760.36	40.52	Concrete	11,580	-0.40
08/18/2021	15:21:38	78781.89	394760.35	40.52	Concrete	13,920	1.25
08/18/2021	15:21:39	78781.73	394760.32	40.51	Concrete	11,340	-0.57
08/18/2021	15:21:40	78781.56	394760.29	40.52	Concrete	11,640	-0.36
08/18/2021	15:21:41	78781.43	394760.25	40.50	Concrete	14,160	1.41
08/18/2021	15:21:42	78781.26	394760.28	40.51	Concrete	11,640	-0.36

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08/18/2021	15:21:43	78781.11	394760.24	40.50	Concrete	12,480	0.23
08/18/2021	15:21:44	78780.96	394760.26	40.50	Concrete	12,420	0.19
08/18/2021	15:21:45	78780.81	394760.21	40.50	Concrete	12,360	0.15
08/18/2021	15:21:46	78780.65	394760.28	40.51	Concrete	13,260	0.78
08/18/2021	15:21:47	78780.51	394760.23	40.49	Concrete	11,520	-0.45
08/18/2021	15:21:48	78780.32	394760.26	40.49	Concrete	12,300	0.10
08/18/2021	15:21:49	78780.15	394760.24	40.48	Concrete	10,620	-1.08
08/18/2021	15:21:50	78779.94	394760.25	40.47	Concrete	12,600	0.31
08/18/2021	15:21:51	78779.70	394760.29	40.45	Concrete	11,220	-0.66
08/18/2021	15:21:52	78779.50	394760.29	40.44	Concrete	11,460	-0.49
08/18/2021	15:21:53	78779.24	394760.17	40.42	Concrete	12,180	0.02
08/18/2021	15:21:54	78779.03	394760.08	40.43	Concrete	12,180	0.02
08/18/2021	15:21:55	78779.02	394759.91	40.42	Concrete	11,700	-0.32
08/18/2021	15:21:56	78779.10	394759.93	40.40	Concrete	11,940	-0.15
08/18/2021	15:21:57	78779.24	394759.90	40.39	Concrete	11,700	-0.32
08/18/2021	15:21:58	78779.36	394759.93	40.37	Concrete	14,280	1.50
08/18/2021	15:21:59	78779.47	394759.96	40.35	Concrete	13,440	0.91
08/18/2021	15:22:00	78779.62	394759.94	40.34	Concrete	11,640	-0.36
08/18/2021	15:22:01	78779.73	394759.99	40.33	Concrete	12,120	-0.02
08/18/2021	15:22:02	78779.88	394759.98	40.32	Concrete	10,080	-1.46
08/18/2021	15:22:03	78779.99	394760.05	40.31	Concrete	10,920	-0.87
08/18/2021	15:22:04	78780.16	394760.01	40.31	Concrete	12,900	0.53
08/18/2021	15:22:05	78780.32	394760.09	40.31	Concrete	12,780	0.44
08/18/2021	15:22:06	78780.49	394760.03	40.31	Concrete	14,100	1.37
08/18/2021	15:22:07	78780.64	394760.10	40.33	Concrete	10,740	-1.00
08/18/2021	15:22:08	78780.84	394760.07	40.33	Concrete	13,560	0.99
08/18/2021	15:22:09	78781.00	394760.13	40.33	Concrete	10,200	-1.38
08/18/2021	15:22:10	78781.16	394760.10	40.34	Concrete	12,360	0.15
08/18/2021	15:22:11	78781.30	394760.16	40.34	Concrete	14,040	1.33
08/18/2021	15:22:12	78781.48	394760.10	40.35	Concrete	10,560	-1.12
08/18/2021	15:22:13	78781.64	394760.13	40.35	Concrete	12,720	0.40
08/18/2021	15:22:14	78781.79	394760.15	40.35	Concrete	12,720	0.40
08/18/2021	15:22:15	78781.90	394760.17	40.35	Concrete	12,600	0.31
08/18/2021	15:22:16	78782.05	394760.17	40.35	Concrete	12,840	0.48
08/18/2021	15:22:17	78782.19	394760.19	40.36	Concrete	11,460	-0.49
08/18/2021	15:22:18	78782.33	394760.20	40.36	Concrete	12,840	0.48
08/18/2021	15:22:19	78782.47	394760.22	40.37	Concrete	11,700	-0.32
08/18/2021	15:22:20	78782.61	394760.27	40.38	Concrete	11,340	-0.57
08/18/2021	15:22:21	78782.86	394760.25	40.38	Concrete	11,580	-0.40
08/18/2021	15:22:22	78783.06	394760.30	40.36	Concrete	11,460	-0.49
08/18/2021	15:22:23	78783.27	394760.32	40.36	Concrete	13,260	0.78
08/18/2021	15:22:24	78783.46	394760.35	40.36	Concrete	12,420	0.19
08/18/2021	15:22:25	78783.67	394760.34	40.36	Concrete	10,200	-1.38
08/18/2021	15:22:26	78783.86	394760.38	40.34	Concrete	12,060	-0.07
08/18/2021	15:22:27	78784.06	394760.42	40.33	Concrete	13,500	0.95
08/18/2021	15:22:28	78784.30	394760.44	40.31	Concrete	12,420	0.19
08/18/2021	15:22:29	78784.53	394760.50	40.31	Concrete	12,600	0.31
08/18/2021	15:22:30	78784.70	394760.55	40.29	Concrete	12,480	0.23
08/18/2021	15:22:31	78784.89	394760.59	40.29	Concrete	11,940	-0.15
08/18/2021	15:22:32	78785.13	394760.59	40.27	Concrete	11,640	-0.36
08/18/2021	15:22:33	78785.33	394760.60	40.27	Concrete	13,620	1.03

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08/18/2021	15:22:34	78785.54	394760.59	40.28	Concrete	13,200	0.74
08/18/2021	15:22:35	78785.78	394760.63	40.29	Concrete	12,720	0.40
08/18/2021	15:22:36	78785.96	394760.61	40.29	Concrete	12,780	0.44
08/18/2021	15:22:37	78786.06	394760.65	40.30	Concrete	12,540	0.27
08/18/2021	15:22:38	78786.11	394760.63	40.30	Concrete	12,000	-0.11
08/18/2021	15:22:39	78786.28	394760.55	40.34	Concrete	11,760	-0.28
08/18/2021	15:22:40	78786.27	394760.62	40.32	Concrete	11,580	-0.40
08/18/2021	15:22:41	78786.31	394760.60	40.31	Concrete	11,580	-0.40
08/18/2021	15:22:42	78786.27	394760.58	40.30	Concrete	11,940	-0.15
08/18/2021	15:22:43	78786.18	394760.50	40.29	Concrete	11,820	-0.24
08/18/2021	15:22:44	78786.06	394760.44	40.28	Concrete	12,360	0.15
08/18/2021	15:22:45	78785.93	394760.40	40.27	Concrete	12,600	0.31
08/18/2021	15:22:46	78785.78	394760.37	40.27	Concrete	12,480	0.23
08/18/2021	15:22:47	78785.62	394760.38	40.28	Concrete	12,840	0.48
08/18/2021	15:22:48	78785.49	394760.35	40.28	Concrete	13,020	0.61
08/18/2021	15:22:49	78785.36	394760.38	40.29	Concrete	12,420	0.19
08/18/2021	15:22:50	78785.27	394760.28	40.29	Concrete	11,820	-0.24
08/18/2021	15:22:51	78785.12	394760.32	40.29	Concrete	12,300	0.10
08/18/2021	15:22:52	78785.00	394760.25	40.28	Concrete	11,700	-0.32
08/18/2021	15:22:53	78784.85	394760.30	40.27	Concrete	12,660	0.36
08/18/2021	15:22:54	78784.71	394760.26	40.28	Concrete	14,880	1.92
08/18/2021	15:22:55	78784.53	394760.30	40.28	Concrete	12,300	0.10
08/18/2021	15:22:56	78784.39	394760.26	40.29	Concrete	12,060	-0.07
08/18/2021	15:22:57	78784.22	394760.29	40.31	Concrete	12,600	0.31
08/18/2021	15:22:58	78784.06	394760.24	40.31	Concrete	12,840	0.48
08/18/2021	15:22:59	78783.92	394760.19	40.31	Concrete	12,600	0.31
08/18/2021	15:23:00	78783.76	394760.19	40.33	Concrete	10,080	-1.46
08/18/2021	15:23:01	78783.59	394760.14	40.32	Concrete	10,380	-1.25
08/18/2021	15:23:02	78783.40	394760.13	40.35	Concrete	12,120	-0.02
08/18/2021	15:23:03	78783.26	394760.07	40.36	Concrete	13,140	0.70
08/18/2021	15:23:04	78783.12	394760.10	40.37	Concrete	11,220	-0.66
08/18/2021	15:23:05	78782.97	394760.03	40.39	Concrete	12,240	0.06
08/18/2021	15:23:06	78782.78	394760.06	40.39	Concrete	11,460	-0.49
08/18/2021	15:23:07	78782.61	394760.00	40.39	Concrete	13,920	1.25
08/18/2021	15:23:08	78782.40	394760.04	40.40	Concrete	11,220	-0.66
08/18/2021	15:23:09	78782.20	394759.99	40.40	Concrete	11,340	-0.57
08/18/2021	15:23:10	78782.01	394760.04	40.40	Concrete	10,920	-0.87
08/18/2021	15:23:11	78781.86	394759.96	40.40	Concrete	9,960	-1.55
08/18/2021	15:23:12	78781.67	394759.97	40.41	Concrete	13,260	0.78
08/18/2021	15:23:13	78781.47	394759.90	40.40	Concrete	11,100	-0.74
08/18/2021	15:23:14	78781.24	394759.95	40.40	Concrete	10,740	-1.00
08/18/2021	15:23:15	78781.04	394759.91	40.39	Concrete	10,260	-1.34
08/18/2021	15:23:16	78780.80	394759.93	40.38	Concrete	12,540	0.27
08/18/2021	15:23:17	78780.55	394759.91	40.35	Concrete	12,600	0.31
08/18/2021	15:23:18	78780.31	394759.83	40.35	Concrete	12,840	0.48
08/18/2021	15:23:19	78780.03	394759.86	40.34	Concrete	13,500	0.95
08/18/2021	15:23:20	78779.81	394759.86	40.33	Concrete	13,680	1.08
08/18/2021	15:23:21	78779.60	394759.82	40.32	Concrete	10,320	-1.29
08/18/2021	15:23:22	78779.36	394759.76	40.31	Concrete	11,580	-0.40
08/18/2021	15:23:23	78779.16	394759.72	40.31	Concrete	12,240	0.06
08/18/2021	15:23:24	78778.95	394759.70	40.31	Concrete	12,060	-0.07

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08/18/2021	15:23:25	78778.78	394759.72	40.30	Concrete	11,640	-0.36
08/18/2021	15:23:26	78778.66	394759.65	40.31	Concrete	12,300	0.10
08/18/2021	15:23:27	78778.44	394759.40	40.30	Concrete	11,160	-0.70
08/18/2021	15:23:28	78778.42	394759.41	40.31	Concrete	11,460	-0.49
08/18/2021	15:23:29	78778.45	394759.39	40.30	Concrete	12,540	0.27
08/18/2021	15:23:30	78778.59	394759.57	40.29	Concrete	12,480	0.23
08/18/2021	15:23:31	78778.75	394759.76	40.30	Concrete	11,760	-0.28
08/18/2021	15:23:32	78778.78	394759.80	40.29	Concrete	12,540	0.27
08/18/2021	15:23:33	78778.80	394759.85	40.25	Concrete	13,380	0.86
08/18/2021	15:23:34	78778.67	394759.70	40.26	Concrete	11,760	-0.28
08/18/2021	15:23:35	78778.46	394759.49	40.27	Concrete	11,220	-0.66
08/18/2021	15:23:36	78778.35	394759.35	40.28	Concrete	12,600	0.31
08/18/2021	15:23:37	78778.35	394759.32	40.30	Concrete	10,560	-1.12
08/18/2021	15:23:38	78778.45	394759.31	40.29	Concrete	11,640	-0.36
08/18/2021	15:23:39	78778.58	394759.31	40.28	Concrete	12,240	0.06
08/18/2021	15:23:40	78778.70	394759.37	40.27	Concrete	10,980	-0.83
08/18/2021	15:23:41	78778.85	394759.36	40.27	Concrete	11,760	-0.28
08/18/2021	15:23:42	78778.97	394759.45	40.26	Concrete	12,240	0.06
08/18/2021	15:23:43	78779.14	394759.44	40.26	Concrete	11,640	-0.36
08/18/2021	15:23:44	78779.28	394759.54	40.26	Concrete	13,020	0.61
08/18/2021	15:23:45	78779.41	394759.50	40.25	Concrete	11,760	-0.28
08/18/2021	15:23:46	78779.52	394759.54	40.25	Concrete	12,900	0.53
08/18/2021	15:23:47	78779.67	394759.53	40.27	Concrete	11,520	-0.45
08/18/2021	15:23:48	78779.85	394759.56	40.26	Concrete	11,520	-0.45
08/18/2021	15:23:49	78779.98	394759.54	40.26	Concrete	10,740	-1.00
08/18/2021	15:23:50	78780.13	394759.54	40.26	Concrete	12,540	0.27
08/18/2021	15:23:51	78780.33	394759.54	40.27	Concrete	12,300	0.10
08/18/2021	15:23:52	78780.54	394759.54	40.28	Concrete	9,960	-1.55
08/18/2021	15:23:53	78780.71	394759.57	40.28	Concrete	11,940	-0.15
08/18/2021	15:23:54	78780.84	394759.56	40.29	Concrete	12,300	0.10
08/18/2021	15:23:55	78780.97	394759.63	40.28	Concrete	13,440	0.91
08/18/2021	15:23:56	78781.17	394759.61	40.28	Concrete	11,280	-0.62
08/18/2021	15:23:57	78781.31	394759.70	40.27	Concrete	11,760	-0.28
08/18/2021	15:23:58	78781.50	394759.66	40.28	Concrete	11,700	-0.32
08/18/2021	15:23:59	78781.66	394759.74	40.27	Concrete	11,280	-0.62
08/18/2021	15:24:00	78781.86	394759.71	40.27	Concrete	10,740	-1.00
08/18/2021	15:24:01	78781.99	394759.75	40.29	Concrete	12,300	0.10
08/18/2021	15:24:02	78782.12	394759.77	40.30	Concrete	11,340	-0.57
08/18/2021	15:24:03	78782.26	394759.84	40.32	Concrete	11,520	-0.45
08/18/2021	15:24:04	78782.36	394759.92	40.34	Concrete	12,540	0.27
08/18/2021	15:24:05	78782.53	394759.85	40.35	Concrete	12,720	0.40
08/18/2021	15:24:06	78782.71	394759.88	40.36	Concrete	12,900	0.53
08/18/2021	15:24:07	78782.92	394759.81	40.38	Concrete	12,060	-0.07
08/18/2021	15:24:08	78783.09	394759.89	40.39	Concrete	11,580	-0.40
08/18/2021	15:24:09	78783.29	394759.85	40.39	Concrete	11,940	-0.15
08/18/2021	15:24:10	78783.43	394759.93	40.39	Concrete	11,520	-0.45
08/18/2021	15:24:11	78783.60	394759.93	40.39	Concrete	15,480	2.35
08/18/2021	15:24:12	78783.71	394759.99	40.39	Concrete	12,540	0.27
08/18/2021	15:24:13	78783.75	394760.06	40.39	Concrete	10,620	-1.08
08/18/2021	15:24:14	78783.82	394759.96	40.39	Concrete	10,800	-0.95
08/18/2021	15:24:15	78783.91	394760.02	40.38	Concrete	13,920	1.25

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08/18/2021	15:24:16	78784.03	394760.01	40.38	Concrete	13,200	0.74
08/18/2021	15:24:17	78784.17	394759.93	40.38	Concrete	13,380	0.86
08/18/2021	15:24:18	78784.25	394760.08	40.37	Concrete	11,520	-0.45
08/18/2021	15:24:19	78784.45	394760.04	40.37	Concrete	13,320	0.82
08/18/2021	15:24:20	78784.64	394760.16	40.37	Concrete	12,840	0.48
08/18/2021	15:24:21	78784.84	394760.14	40.36	Concrete	13,200	0.74
08/18/2021	15:24:22	78785.04	394760.17	40.36	Concrete	11,820	-0.24
08/18/2021	15:24:23	78785.23	394760.18	40.35	Concrete	11,940	-0.15
08/18/2021	15:24:24	78785.43	394760.18	40.36	Concrete	10,380	-1.25
08/18/2021	15:24:25	78785.57	394760.26	40.36	Concrete	11,040	-0.79
08/18/2021	15:24:26	78785.74	394760.21	40.37	Concrete	11,100	-0.74
08/18/2021	15:24:27	78785.89	394760.29	40.36	Concrete	10,920	-0.87
08/18/2021	15:24:28	78786.09	394760.30	40.36	Concrete	11,400	-0.53
08/18/2021	15:24:29	78786.27	394760.35	40.35	Concrete	12,660	0.36
08/18/2021	15:24:30	78786.42	394760.32	40.37	Concrete	13,620	1.03
08/18/2021	15:24:31	78786.63	394760.27	40.37	Concrete	11,640	-0.36
08/18/2021	15:24:32	78786.64	394760.31	40.37	Concrete	12,540	0.27
08/18/2021	15:24:33	78786.61	394760.21	40.36	Concrete	11,820	-0.24
08/18/2021	15:24:34	78786.51	394760.22	40.36	Concrete	12,060	-0.07
08/18/2021	15:24:35	78786.39	394760.17	40.35	Concrete	12,420	0.19
08/18/2021	15:24:36	78786.25	394760.16	40.35	Concrete	12,420	0.19
08/18/2021	15:24:37	78786.13	394760.09	40.34	Concrete	11,340	-0.57
08/18/2021	15:24:38	78786.00	394760.04	40.35	Concrete	13,020	0.61
08/18/2021	15:24:39	78785.83	394760.01	40.34	Concrete	14,040	1.33
08/18/2021	15:24:40	78785.71	394759.95	40.33	Concrete	13,860	1.20
08/18/2021	15:24:41	78785.54	394759.97	40.35	Concrete	12,120	-0.02
08/18/2021	15:24:42	78785.36	394759.91	40.35	Concrete	10,800	-0.95
08/18/2021	15:24:43	78785.13	394759.93	40.36	Concrete	11,700	-0.32
08/18/2021	15:24:44	78784.98	394759.84	40.35	Concrete	11,940	-0.15
08/18/2021	15:24:45	78784.82	394759.84	40.35	Concrete	13,140	0.70
08/18/2021	15:24:46	78784.64	394759.80	40.36	Concrete	12,780	0.44
08/18/2021	15:24:47	78784.41	394759.83	40.38	Concrete	12,300	0.10
08/18/2021	15:24:48	78784.24	394759.82	40.37	Concrete	13,860	1.20
08/18/2021	15:24:49	78784.09	394759.78	40.39	Concrete	13,080	0.65
08/18/2021	15:24:50	78783.97	394759.80	40.40	Concrete	13,440	0.91
08/18/2021	15:24:51	78783.84	394759.73	40.41	Concrete	11,940	-0.15
08/18/2021	15:24:52	78783.62	394759.76	40.42	Concrete	11,160	-0.70
08/18/2021	15:24:53	78783.41	394759.67	40.42	Concrete	12,300	0.10
08/18/2021	15:24:54	78783.20	394759.63	40.44	Concrete	12,600	0.31
08/18/2021	15:24:55	78783.07	394759.59	40.45	Concrete	12,180	0.02
08/18/2021	15:24:56	78782.90	394759.64	40.47	Concrete	12,780	0.44
08/18/2021	15:24:57	78782.73	394759.57	40.48	Concrete	11,820	-0.24
08/18/2021	15:24:58	78782.54	394759.60	40.47	Concrete	13,860	1.20
08/18/2021	15:24:59	78782.36	394759.53	40.47	Concrete	12,360	0.15
08/18/2021	15:25:00	78782.12	394759.53	40.46	Concrete	13,620	1.03
08/18/2021	15:25:01	78781.92	394759.45	40.46	Concrete	11,700	-0.32
08/18/2021	15:25:02	78781.72	394759.44	40.46	Concrete	11,220	-0.66
08/18/2021	15:25:03	78781.54	394759.36	40.45	Concrete	12,300	0.10
08/18/2021	15:25:04	78781.35	394759.35	40.45	Concrete	11,580	-0.40
08/18/2021	15:25:05	78781.16	394759.29	40.47	Concrete	12,300	0.10
08/18/2021	15:25:06	78780.94	394759.31	40.46	Concrete	11,880	-0.19

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08/18/2021	15:25:07	78780.73	394759.25	40.45	Concrete	11,880	-0.19
08/18/2021	15:25:08	78780.53	394759.25	40.45	Concrete	12,900	0.53
08/18/2021	15:25:09	78780.31	394759.19	40.46	Concrete	12,060	-0.07
08/18/2021	15:25:10	78780.12	394759.23	40.46	Concrete	14,160	1.41
08/18/2021	15:25:11	78779.92	394759.23	40.46	Concrete	12,540	0.27
08/18/2021	15:25:12	78779.74	394759.30	40.46	Concrete	12,720	0.40
08/18/2021	15:25:13	78779.54	394759.25	40.45	Concrete	11,700	-0.32
08/18/2021	15:25:14	78779.31	394759.29	40.46	Concrete	12,060	-0.07
08/18/2021	15:25:15	78779.07	394759.24	40.46	Concrete	12,000	-0.11
08/18/2021	15:25:16	78778.78	394759.24	40.47	Concrete	12,180	0.02
08/18/2021	15:25:17	78778.55	394759.16	40.47	Concrete	13,440	0.91
08/18/2021	15:25:18	78778.34	394759.17	40.49	Concrete	10,980	-0.83
08/18/2021	15:25:19	78778.18	394759.09	40.49	Concrete	10,980	-0.83
08/18/2021	15:25:20	78777.90	394758.95	40.49	Concrete	12,600	0.31
08/18/2021	15:25:21	78777.88	394758.89	40.51	Concrete	12,300	0.10
08/18/2021	15:25:22	78777.97	394758.83	40.50	Concrete	11,820	-0.24
08/18/2021	15:25:23	78778.01	394758.86	40.51	Concrete	13,380	0.86
08/18/2021	15:25:24	78778.13	394758.88	40.49	Concrete	13,200	0.74
08/18/2021	15:25:25	78778.27	394758.90	40.48	Concrete	10,860	-0.91
08/18/2021	15:25:26	78778.39	394758.96	40.48	Concrete	10,740	-1.00
08/18/2021	15:25:27	78778.54	394758.92	40.47	Concrete	12,840	0.48
08/18/2021	15:25:28	78778.70	394758.96	40.47	Concrete	12,540	0.27
08/18/2021	15:25:29	78778.91	394758.94	40.47	Concrete	11,700	-0.32
08/18/2021	15:25:30	78779.12	394759.00	40.46	Concrete	12,420	0.19
08/18/2021	15:25:31	78779.34	394759.00	40.48	Concrete	12,660	0.36
08/18/2021	15:25:32	78779.47	394759.07	40.47	Concrete	13,320	0.82
08/18/2021	15:25:33	78779.64	394759.08	40.49	Concrete	12,840	0.48
08/18/2021	15:25:34	78779.80	394759.12	40.48	Concrete	11,460	-0.49
08/18/2021	15:25:35	78780.00	394759.07	40.49	Concrete	12,480	0.23
08/18/2021	15:25:36	78780.22	394759.09	40.50	Concrete	11,040	-0.79
08/18/2021	15:25:37	78780.45	394759.06	40.51	Concrete	11,040	-0.79
08/18/2021	15:25:38	78780.63	394759.08	40.53	Concrete	10,500	-1.17
08/18/2021	15:25:39	78780.78	394759.12	40.54	Concrete	12,060	-0.07
08/18/2021	15:25:40	78780.92	394759.10	40.55	Concrete	12,840	0.48
08/18/2021	15:25:41	78781.00	394759.18	40.57	Concrete	12,540	0.27
08/18/2021	15:25:42	78781.16	394759.16	40.59	Concrete	12,540	0.27
08/18/2021	15:25:43	78781.31	394759.22	40.59	Concrete	11,940	-0.15
08/18/2021	15:25:44	78781.52	394759.19	40.59	Concrete	12,480	0.23
08/18/2021	15:25:45	78781.68	394759.24	40.58	Concrete	12,720	0.40
08/18/2021	15:25:46	78781.90	394759.25	40.57	Concrete	13,080	0.65
08/18/2021	15:25:47	78782.07	394759.31	40.56	Concrete	12,360	0.15
08/18/2021	15:25:48	78782.24	394759.32	40.54	Concrete	12,300	0.10
08/18/2021	15:25:49	78782.40	394759.34	40.54	Concrete	14,820	1.88
08/18/2021	15:25:50	78782.60	394759.35	40.53	Concrete	11,520	-0.45
08/18/2021	15:25:51	78782.88	394759.44	40.52	Concrete	10,680	-1.04
08/18/2021	15:25:52	78783.11	394759.43	40.50	Concrete	11,400	-0.53
08/18/2021	15:25:53	78783.26	394759.47	40.49	Concrete	13,200	0.74
08/18/2021	15:25:54	78783.46	394759.51	40.48	Concrete	12,840	0.48
08/18/2021	15:25:55	78783.66	394759.53	40.46	Concrete	11,760	-0.28
08/18/2021	15:25:56	78783.84	394759.59	40.43	Concrete	11,100	-0.74
08/18/2021	15:25:57	78784.06	394759.64	40.41	Concrete	12,780	0.44

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08/18/2021	15:25:58	78784.25	394759.64	40.39	Concrete	12,060	-0.07
08/18/2021	15:25:59	78784.44	394759.62	40.38	Concrete	12,600	0.31
08/18/2021	15:26:00	78784.63	394759.66	40.37	Concrete	12,600	0.31
08/18/2021	15:26:01	78784.82	394759.61	40.36	Concrete	13,560	0.99
08/18/2021	15:26:02	78785.02	394759.64	40.35	Concrete	11,460	-0.49
08/18/2021	15:26:03	78785.26	394759.64	40.35	Concrete	12,240	0.06
08/18/2021	15:26:04	78785.48	394759.68	40.37	Concrete	12,900	0.53
08/18/2021	15:26:05	78785.74	394759.62	40.38	Concrete	11,880	-0.19
08/18/2021	15:26:06	78786.02	394759.64	40.40	Concrete	12,120	-0.02
08/18/2021	15:26:07	78786.27	394759.62	40.41	Concrete	12,180	0.02
08/18/2021	15:26:08	78786.46	394759.69	40.41	Concrete	10,500	-1.17
08/18/2021	15:26:09	78786.69	394759.70	40.43	Concrete	12,300	0.10
08/18/2021	15:26:10	78786.81	394759.79	40.42	Concrete	8,700	-2.44
08/18/2021	15:26:11	78786.98	394759.82	40.42	Concrete	9,360	-1.97
08/18/2021	15:26:12	78786.98	394759.84	40.42	Concrete	10,380	-1.25
08/18/2021	15:26:13	78786.84	394760.01	40.42	Concrete	12,120	-0.02
08/18/2021	15:26:14	78786.80	394760.13	40.43	Concrete	11,280	-0.62
08/18/2021	15:26:15	78786.73	394760.18	40.43	Concrete	11,340	-0.57
08/18/2021	15:26:16	78786.69	394760.07	40.43	Concrete	12,240	0.06
08/18/2021	15:26:17	78786.55	394760.12	40.43	Concrete	13,380	0.86
08/18/2021	15:26:18	78786.43	394760.17	40.44	Concrete	11,460	-0.49
08/18/2021	15:26:19	78786.40	394760.07	40.42	Concrete	12,180	0.02
08/18/2021	15:26:20	78786.33	394760.06	40.45	Concrete	13,260	0.78
08/18/2021	15:26:21	78786.23	394760.11	40.44	Concrete	10,800	-0.95
08/18/2021	15:26:22	78786.23	394759.98	40.45	Concrete	10,860	-0.91
08/18/2021	15:26:23	78786.30	394759.94	40.45	Concrete	12,900	0.53
08/18/2021	15:26:24	78786.37	394760.07	40.44	Concrete	12,180	0.02
08/18/2021	15:26:25	78786.49	394760.03	40.45	Concrete	12,660	0.36
08/18/2021	15:26:26	78786.58	394760.11	40.45	Concrete	11,520	-0.45
08/18/2021	15:26:27	78786.74	394760.07	40.46	Concrete	10,500	-1.17
08/18/2021	15:26:28	78786.83	394760.04	40.47	Concrete	10,320	-1.29
08/18/2021	15:26:29	78786.83	394760.12	40.47	Concrete	11,880	-0.19
08/18/2021	15:26:30	78787.02	394759.98	40.47	Concrete	11,040	-0.79
08/18/2021	15:26:31	78787.15	394759.89	40.48	Concrete	10,320	-1.29
08/18/2021	15:26:32	78787.16	394759.90	40.48	Concrete	12,720	0.40
08/18/2021	15:26:33	78787.14	394759.91	40.47	Concrete	10,380	-1.25
08/18/2021	15:26:34	78787.21	394759.79	40.46	Concrete	10,080	-1.46
08/18/2021	15:26:35	78787.25	394759.75	40.46	Concrete	12,240	0.06
08/18/2021	15:26:36	78787.22	394759.81	40.46	Concrete	11,340	-0.57
08/18/2021	15:26:37	78787.30	394759.76	40.46	Concrete	12,840	0.48
08/18/2021	15:26:38	78787.36	394759.73	40.45	Concrete	9,480	-1.89
08/18/2021	15:26:39	78787.33	394759.74	40.45	Concrete	11,880	-0.19
08/18/2021	15:26:40	78787.22	394759.78	40.45	Concrete	10,140	-1.42
08/18/2021	15:26:41	78787.07	394759.76	40.44	Concrete	13,080	0.65
08/18/2021	15:26:42	78786.92	394759.75	40.45	Concrete	12,300	0.10
08/18/2021	15:26:43	78786.81	394759.68	40.44	Concrete	14,100	1.37
08/18/2021	15:26:44	78786.65	394759.72	40.45	Concrete	12,240	0.06
08/18/2021	15:26:45	78786.49	394759.67	40.45	Concrete	11,700	-0.32
08/18/2021	15:26:46	78786.32	394759.69	40.45	Concrete	12,480	0.23
08/18/2021	15:26:47	78786.17	394759.66	40.44	Concrete	12,360	0.15
08/18/2021	15:26:48	78785.98	394759.68	40.45	Concrete	11,760	-0.28

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08/18/2021	15:26:49	78785.80	394759.66	40.44	Concrete	12,060	-0.07
08/18/2021	15:26:50	78785.57	394759.66	40.44	Concrete	12,240	0.06
08/18/2021	15:26:51	78785.40	394759.64	40.44	Concrete	12,540	0.27
08/18/2021	15:26:52	78785.21	394759.58	40.43	Concrete	11,340	-0.57
08/18/2021	15:26:53	78785.03	394759.51	40.43	Concrete	11,460	-0.49
08/18/2021	15:26:54	78784.87	394759.42	40.43	Concrete	12,240	0.06
08/18/2021	15:26:55	78784.69	394759.42	40.44	Concrete	10,320	-1.29
08/18/2021	15:26:56	78784.56	394759.32	40.44	Concrete	10,320	-1.29
08/18/2021	15:26:57	78784.40	394759.32	40.44	Concrete	11,340	-0.57
08/18/2021	15:26:58	78784.27	394759.27	40.44	Concrete	10,560	-1.12
08/18/2021	15:26:59	78784.11	394759.24	40.44	Concrete	12,120	-0.02
08/18/2021	15:27:00	78783.92	394759.19	40.45	Concrete	11,400	-0.53
08/18/2021	15:27:01	78783.75	394759.19	40.45	Concrete	10,920	-0.87
08/18/2021	15:27:02	78783.55	394759.18	40.46	Concrete	12,120	-0.02
08/18/2021	15:27:03	78783.35	394759.16	40.47	Concrete	11,160	-0.70
08/18/2021	15:27:04	78783.17	394759.14	40.49	Concrete	11,340	-0.57
08/18/2021	15:27:05	78783.02	394759.12	40.50	Concrete	10,560	-1.12
08/18/2021	15:27:06	78782.84	394759.09	40.50	Concrete	11,040	-0.79
08/18/2021	15:27:07	78782.65	394759.09	40.50	Concrete	12,780	0.44
08/18/2021	15:27:08	78782.48	394759.13	40.50	Concrete	11,640	-0.36
08/18/2021	15:27:09	78782.30	394759.08	40.50	Concrete	9,960	-1.55
08/18/2021	15:27:10	78782.09	394759.05	40.52	Concrete	15,360	2.26
08/18/2021	15:27:11	78781.92	394759.01	40.53	Concrete	11,100	-0.74
08/18/2021	15:27:12	78781.78	394759.01	40.55	Concrete	12,480	0.23
08/18/2021	15:27:13	78781.65	394758.97	40.55	Concrete	12,180	0.02
08/18/2021	15:27:14	78781.48	394758.99	40.56	Concrete	12,420	0.19
08/18/2021	15:27:15	78781.27	394758.94	40.56	Concrete	13,200	0.74
08/18/2021	15:27:16	78781.05	394758.92	40.56	Concrete	12,600	0.31
08/18/2021	15:27:17	78780.88	394758.85	40.56	Concrete	11,040	-0.79
08/18/2021	15:27:18	78780.68	394758.85	40.56	Concrete	13,800	1.16
08/18/2021	15:27:19	78780.49	394758.80	40.53	Concrete	11,340	-0.57
08/18/2021	15:27:20	78780.31	394758.80	40.52	Concrete	12,060	-0.07
08/18/2021	15:27:21	78780.15	394758.71	40.51	Concrete	9,960	-1.55
08/18/2021	15:27:22	78779.96	394758.68	40.48	Concrete	12,900	0.53
08/18/2021	15:27:23	78779.75	394758.61	40.49	Concrete	13,020	0.61
08/18/2021	15:27:24	78779.55	394758.59	40.49	Concrete	11,460	-0.49
08/18/2021	15:27:25	78779.40	394758.54	40.49	Concrete	12,840	0.48
08/18/2021	15:27:26	78779.23	394758.54	40.48	Concrete	12,780	0.44
08/18/2021	15:27:27	78779.03	394758.50	40.47	Concrete	11,760	-0.28
08/18/2021	15:27:28	78778.81	394758.52	40.46	Concrete	13,980	1.29
08/18/2021	15:27:29	78778.58	394758.49	40.45	Concrete	14,100	1.37
08/18/2021	15:27:30	78778.33	394758.53	40.46	Concrete	10,920	-0.87
08/18/2021	15:27:31	78778.06	394758.51	40.47	Concrete	12,600	0.31
08/18/2021	15:27:32	78777.85	394758.48	40.51	Concrete	11,280	-0.62
08/18/2021	15:27:33	78777.78	394758.50	40.51	Concrete	12,840	0.48
08/18/2021	15:27:34	78777.79	394758.62	40.51	Concrete	10,500	-1.17
08/18/2021	15:27:35	78777.79	394758.69	40.51	Concrete	12,780	0.44
08/18/2021	15:27:36	78777.80	394758.70	40.51	Concrete	13,200	0.74
08/18/2021	15:27:37	78777.92	394758.66	40.50	Concrete	11,400	-0.53
08/18/2021	15:27:38	78778.06	394758.73	40.49	Concrete	11,940	-0.15
08/18/2021	15:27:39	78778.23	394758.71	40.47	Concrete	11,880	-0.19

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08/18/2021	15:27:40	78778.38	394758.74	40.45	Concrete	11,580	-0.40
08/18/2021	15:27:41	78778.55	394758.70	40.44	Concrete	12,720	0.40
08/18/2021	15:27:42	78778.70	394758.70	40.41	Concrete	12,120	-0.02
08/18/2021	15:27:43	78778.85	394758.71	40.41	Concrete	11,580	-0.40
08/18/2021	15:27:44	78779.05	394758.72	40.41	Concrete	13,200	0.74
08/18/2021	15:27:45	78779.24	394758.74	40.41	Concrete	11,700	-0.32
08/18/2021	15:27:46	78779.41	394758.77	40.41	Concrete	14,400	1.58
08/18/2021	15:27:47	78779.58	394758.80	40.39	Concrete	12,960	0.57
08/18/2021	15:27:48	78779.78	394758.85	40.39	Concrete	11,340	-0.57
08/18/2021	15:27:49	78779.98	394758.90	40.40	Concrete	12,480	0.23
08/18/2021	15:27:50	78780.19	394758.94	40.40	Concrete	11,580	-0.40
08/18/2021	15:27:51	78780.42	394758.96	40.40	Concrete	11,820	-0.24
08/18/2021	15:27:52	78780.60	394758.96	40.41	Concrete	11,520	-0.45
08/18/2021	15:27:53	78780.76	394758.99	40.41	Concrete	11,640	-0.36
08/18/2021	15:27:54	78780.95	394759.00	40.42	Concrete	12,240	0.06
08/18/2021	15:27:55	78781.17	394759.02	40.42	Concrete	11,040	-0.79
08/18/2021	15:27:56	78781.37	394759.04	40.43	Concrete	11,820	-0.24
08/18/2021	15:27:57	78781.59	394759.09	40.43	Concrete	11,160	-0.70
08/18/2021	15:27:58	78781.81	394759.07	40.44	Concrete	14,040	1.33
08/18/2021	15:27:59	78781.97	394759.13	40.43	Concrete	11,580	-0.40
08/18/2021	15:28:00	78782.16	394759.14	40.44	Concrete	11,400	-0.53
08/18/2021	15:28:01	78782.35	394759.17	40.43	Concrete	12,900	0.53
08/18/2021	15:28:02	78782.57	394759.14	40.44	Concrete	11,700	-0.32
08/18/2021	15:28:03	78782.81	394759.19	40.45	Concrete	12,360	0.15
08/18/2021	15:28:04	78783.07	394759.21	40.45	Concrete	11,700	-0.32
08/18/2021	15:28:05	78783.31	394759.25	40.43	Concrete	12,480	0.23
08/18/2021	15:28:06	78783.53	394759.24	40.45	Concrete	12,060	-0.07
08/18/2021	15:28:07	78783.72	394759.29	40.43	Concrete	11,700	-0.32
08/18/2021	15:28:08	78783.90	394759.29	40.42	Concrete	11,580	-0.40
08/18/2021	15:28:09	78784.05	394759.34	40.41	Concrete	10,740	-1.00
08/18/2021	15:28:10	78784.24	394759.36	40.41	Concrete	11,460	-0.49
08/18/2021	15:28:11	78784.42	394759.41	40.40	Concrete	9,900	-1.59
08/18/2021	15:28:12	78784.63	394759.43	40.41	Concrete	12,420	0.19
08/18/2021	15:28:13	78784.86	394759.48	40.40	Concrete	12,060	-0.07
08/18/2021	15:28:14	78785.08	394759.48	40.41	Concrete	10,860	-0.91
08/18/2021	15:28:15	78785.30	394759.52	40.41	Concrete	12,900	0.53
08/18/2021	15:28:16	78785.53	394759.53	40.42	Concrete	12,720	0.40
08/18/2021	15:28:17	78785.72	394759.59	40.42	Concrete	10,980	-0.83
08/18/2021	15:28:18	78785.95	394759.63	40.43	Concrete	13,140	0.70
08/18/2021	15:28:19	78786.18	394759.70	40.43	Concrete	11,040	-0.79
08/18/2021	15:28:20	78786.46	394759.76	40.43	Concrete	11,580	-0.40
08/18/2021	15:28:21	78786.71	394759.84	40.43	Concrete	11,640	-0.36
08/18/2021	15:28:22	78786.91	394759.84	40.45	Concrete	10,920	-0.87
08/18/2021	15:28:23	78787.15	394759.74	40.47	Concrete	10,980	-0.83
08/18/2021	15:28:24	78787.32	394759.64	40.44	Concrete	9,420	-1.93
08/18/2021	15:28:25	78787.35	394759.60	40.43	Concrete	11,700	-0.32
08/18/2021	15:28:26	78787.29	394759.60	40.41	Concrete	12,480	0.23
08/18/2021	15:28:27	78787.21	394759.52	40.39	Concrete	10,440	-1.21
08/18/2021	15:28:28	78787.07	394759.50	40.38	Concrete	10,680	-1.04
08/18/2021	15:28:29	78786.93	394759.44	40.35	Concrete	11,700	-0.32
08/18/2021	15:28:30	78786.76	394759.44	40.33	Concrete	11,100	-0.74

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08/18/2021	15:28:31	78786.60	394759.39	40.31	Concrete	12,120	-0.02
08/18/2021	15:28:32	78786.43	394759.36	40.31	Concrete	12,660	0.36
08/18/2021	15:28:33	78786.26	394759.35	40.29	Concrete	11,400	-0.53
08/18/2021	15:28:34	78786.08	394759.29	40.29	Concrete	12,780	0.44
08/18/2021	15:28:35	78785.88	394759.25	40.29	Concrete	11,640	-0.36
08/18/2021	15:28:36	78785.72	394759.17	40.27	Concrete	10,800	-0.95
08/18/2021	15:28:37	78785.51	394759.16	40.28	Concrete	12,300	0.10
08/18/2021	15:28:38	78785.31	394759.12	40.26	Concrete	11,880	-0.19
08/18/2021	15:28:39	78785.10	394759.12	40.28	Concrete	12,000	-0.11
08/18/2021	15:28:40	78784.93	394759.09	40.26	Concrete	11,880	-0.19
08/18/2021	15:28:41	78784.73	394759.10	40.28	Concrete	12,240	0.06
08/18/2021	15:28:42	78784.53	394759.08	40.28	Concrete	10,620	-1.08
08/18/2021	15:28:43	78784.32	394759.09	40.29	Concrete	10,320	-1.29
08/18/2021	15:28:44	78784.13	394759.07	40.30	Concrete	12,120	-0.02
08/18/2021	15:28:45	78783.95	394759.04	40.32	Concrete	12,120	-0.02
08/18/2021	15:28:46	78783.77	394758.97	40.33	Concrete	13,080	0.65
08/18/2021	15:28:47	78783.53	394758.91	40.34	Concrete	11,280	-0.62
08/18/2021	15:28:48	78783.33	394758.79	40.37	Concrete	12,300	0.10
08/18/2021	15:28:49	78783.18	394758.68	40.36	Concrete	11,280	-0.62
08/18/2021	15:28:50	78782.98	394758.64	40.36	Concrete	11,400	-0.53
08/18/2021	15:28:51	78782.78	394758.64	40.37	Concrete	12,180	0.02
08/18/2021	15:28:52	78782.58	394758.63	40.38	Concrete	11,340	-0.57
08/18/2021	15:28:53	78782.40	394758.61	40.38	Concrete	10,500	-1.17
08/18/2021	15:28:54	78782.23	394758.58	40.37	Concrete	13,560	0.99
08/18/2021	15:28:55	78782.03	394758.55	40.37	Concrete	11,220	-0.66
08/18/2021	15:28:56	78781.83	394758.50	40.39	Concrete	12,540	0.27
08/18/2021	15:28:57	78781.63	394758.50	40.39	Concrete	10,320	-1.29
08/18/2021	15:28:58	78781.41	394758.46	40.39	Concrete	13,380	0.86
08/18/2021	15:28:59	78781.20	394758.46	40.38	Concrete	12,600	0.31
08/18/2021	15:29:00	78781.02	394758.46	40.38	Concrete	11,880	-0.19
08/18/2021	15:29:01	78780.84	394758.45	40.37	Concrete	11,700	-0.32
08/18/2021	15:29:02	78780.65	394758.40	40.36	Concrete	13,560	0.99
08/18/2021	15:29:03	78780.44	394758.38	40.35	Concrete	12,720	0.40
08/18/2021	15:29:04	78780.23	394758.33	40.36	Concrete	11,820	-0.24
08/18/2021	15:29:05	78780.03	394758.34	40.35	Concrete	11,160	-0.70
08/18/2021	15:29:06	78779.82	394758.33	40.35	Concrete	10,500	-1.17
08/18/2021	15:29:07	78779.57	394758.31	40.36	Concrete	12,540	0.27
08/18/2021	15:29:08	78779.36	394758.22	40.36	Concrete	10,860	-0.91
08/18/2021	15:29:09	78779.19	394758.17	40.37	Concrete	12,960	0.57
08/18/2021	15:29:10	78778.99	394758.14	40.38	Concrete	14,640	1.75
08/18/2021	15:29:11	78778.77	394758.14	40.38	Concrete	12,360	0.15
08/18/2021	15:29:12	78778.59	394758.10	40.38	Concrete	13,440	0.91
08/18/2021	15:29:13	78778.36	394758.08	40.38	Concrete	11,160	-0.70
08/18/2021	15:29:14	78778.11	394758.00	40.39	Concrete	11,160	-0.70
08/18/2021	15:29:15	78777.89	394757.93	40.41	Concrete	11,760	-0.28
08/18/2021	15:29:16	78777.69	394757.88	40.44	Concrete	11,820	-0.24
08/18/2021	15:29:17	78777.45	394757.87	40.47	Concrete	10,680	-1.04
08/18/2021	15:29:18	78777.39	394757.88	40.46	Concrete	11,400	-0.53
08/18/2021	15:29:19	78777.40	394757.94	40.45	Concrete	10,920	-0.87
08/18/2021	15:29:20	78777.35	394758.04	40.44	Concrete	12,180	0.02
08/18/2021	15:29:21	78777.36	394758.06	40.45	Concrete	11,940	-0.15

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08/18/2021	15:29:22	78777.37	394758.07	40.44	Concrete	10,920	-0.87
08/18/2021	15:29:23	78777.39	394758.06	40.43	Concrete	11,460	-0.49
08/18/2021	15:29:24	78777.39	394758.03	40.43	Concrete	9,120	-2.14
08/18/2021	15:29:25	78777.33	394758.00	40.43	Concrete	10,080	-1.46
08/18/2021	15:29:26	78777.30	394758.01	40.44	Concrete	11,340	-0.57
08/18/2021	15:29:27	78777.34	394758.07	40.43	Concrete	12,540	0.27
08/18/2021	15:29:28	78777.39	394758.15	40.43	Concrete	11,520	-0.45
08/18/2021	15:29:29	78777.43	394758.28	40.43	Concrete	12,300	0.10
08/18/2021	15:29:30	78777.53	394758.42	40.43	Concrete	12,180	0.02
08/18/2021	15:29:31	78777.61	394758.50	40.43	Concrete	12,960	0.57
08/18/2021	15:29:32	78777.64	394758.50	40.43	Concrete	11,220	-0.66
08/18/2021	15:29:33	78777.75	394758.61	40.44	Concrete	9,720	-1.72
08/18/2021	15:29:34	78777.82	394758.67	40.44	Concrete	10,380	-1.25
08/18/2021	15:29:35	78777.87	394758.73	40.44	Concrete	11,700	-0.32
08/18/2021	15:29:36	78777.83	394758.72	40.43	Concrete	11,820	-0.24
08/18/2021	15:29:37	78777.72	394758.60	40.45	Concrete	11,220	-0.66
08/18/2021	15:29:38	78777.58	394758.42	40.47	Concrete	13,320	0.82
08/18/2021	15:29:39	78777.40	394758.22	40.48	Concrete	11,820	-0.24
08/18/2021	15:29:40	78777.33	394758.17	40.49	Concrete	12,960	0.57
08/18/2021	15:29:41	78777.30	394758.19	40.48	Concrete	12,180	0.02
08/18/2021	15:29:42	78777.30	394758.23	40.48	Concrete	10,260	-1.34
08/18/2021	15:29:43	78777.40	394758.21	40.48	Concrete	10,560	-1.12
08/18/2021	15:29:44	78777.57	394758.16	40.47	Concrete	10,740	-1.00
08/18/2021	15:29:45	78777.74	394758.19	40.46	Concrete	11,700	-0.32
08/18/2021	15:29:46	78777.93	394758.21	40.46	Concrete	12,720	0.40
08/18/2021	15:29:47	78778.10	394758.27	40.45	Concrete	10,980	-0.83
08/18/2021	15:29:48	78778.27	394758.29	40.45	Concrete	12,360	0.15
08/18/2021	15:29:49	78778.45	394758.34	40.44	Concrete	12,360	0.15
08/18/2021	15:29:50	78778.65	394758.38	40.46	Concrete	10,980	-0.83
08/18/2021	15:29:51	78778.82	394758.43	40.45	Concrete	12,780	0.44
08/18/2021	15:29:52	78778.99	394758.46	40.47	Concrete	11,640	-0.36
08/18/2021	15:29:53	78779.17	394758.50	40.48	Concrete	11,520	-0.45
08/18/2021	15:29:54	78779.34	394758.50	40.51	Concrete	12,180	0.02
08/18/2021	15:29:55	78779.49	394758.53	40.50	Concrete	11,940	-0.15
08/18/2021	15:29:56	78779.70	394758.53	40.54	Concrete	12,120	-0.02
08/18/2021	15:29:57	78779.91	394758.58	40.55	Concrete	12,780	0.44
08/18/2021	15:29:58	78780.11	394758.61	40.55	Concrete	12,900	0.53
08/18/2021	15:29:59	78780.32	394758.65	40.55	Concrete	11,700	-0.32
08/18/2021	15:30:00	78780.54	394758.71	40.57	Concrete	12,660	0.36
08/18/2021	15:30:01	78780.75	394758.77	40.57	Concrete	12,060	-0.07
08/18/2021	15:30:02	78780.96	394758.80	40.57	Concrete	11,460	-0.49
08/18/2021	15:30:03	78781.16	394758.84	40.55	Concrete	11,340	-0.57
08/18/2021	15:30:04	78781.33	394758.88	40.54	Concrete	11,400	-0.53
08/18/2021	15:30:05	78781.53	394758.89	40.52	Concrete	9,900	-1.59
08/18/2021	15:30:06	78781.75	394758.88	40.51	Concrete	13,080	0.65
08/18/2021	15:30:07	78781.98	394758.89	40.51	Concrete	11,100	-0.74
08/18/2021	15:30:08	78782.19	394758.91	40.51	Concrete	9,900	-1.59
08/18/2021	15:30:09	78782.39	394758.90	40.50	Concrete	11,100	-0.74
08/18/2021	15:30:10	78782.58	394758.83	40.52	Concrete	13,560	0.99
08/18/2021	15:30:11	78782.79	394758.75	40.54	Concrete	12,360	0.15
08/18/2021	15:30:12	78782.98	394758.78	40.54	Concrete	10,980	-0.83

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08/18/2021	15:30:13	78783.17	394758.84	40.55	Concrete	11,820	-0.24
08/18/2021	15:30:14	78783.38	394758.91	40.54	Concrete	12,000	-0.11
08/18/2021	15:30:15	78783.60	394758.96	40.53	Concrete	15,000	2.01
08/18/2021	15:30:16	78783.80	394759.00	40.52	Concrete	11,160	-0.70
08/18/2021	15:30:17	78783.99	394759.01	40.52	Concrete	11,760	-0.28
08/18/2021	15:30:18	78784.18	394759.04	40.50	Concrete	12,120	-0.02
08/18/2021	15:30:19	78784.38	394759.08	40.51	Concrete	10,920	-0.87
08/18/2021	15:30:20	78784.62	394759.12	40.50	Concrete	10,860	-0.91
08/18/2021	15:30:21	78784.85	394759.20	40.50	Concrete	10,260	-1.34
08/18/2021	15:30:22	78785.09	394759.25	40.50	Concrete	12,840	0.48
08/18/2021	15:30:23	78785.32	394759.31	40.52	Concrete	11,640	-0.36
08/18/2021	15:30:24	78785.56	394759.33	40.53	Concrete	11,100	-0.74
08/18/2021	15:30:25	78785.79	394759.39	40.54	Concrete	10,980	-0.83
08/18/2021	15:30:26	78786.05	394759.43	40.55	Concrete	11,640	-0.36
08/18/2021	15:30:27	78786.29	394759.53	40.56	Concrete	13,440	0.91
08/18/2021	15:30:28	78786.55	394759.62	40.58	Concrete	11,640	-0.36
08/18/2021	15:30:29	78786.78	394759.72	40.59	Concrete	11,400	-0.53
08/18/2021	15:30:30	78786.91	394759.74	40.60	Concrete	11,580	-0.40
08/18/2021	15:30:31	78787.19	394759.60	40.64	Concrete	10,620	-1.08
08/18/2021	15:30:32	78787.43	394759.51	40.62	Concrete	11,880	-0.19
08/18/2021	15:30:33	78787.56	394759.40	40.62	Concrete	11,700	-0.32
08/18/2021	15:30:34	78787.67	394759.34	40.61	Concrete	10,380	-1.25
08/18/2021	15:30:35	78787.70	394759.33	40.60	Concrete	10,800	-0.95
08/18/2021	15:30:36	78787.59	394759.38	40.60	Concrete	12,000	-0.11
08/18/2021	15:30:37	78787.42	394759.31	40.57	Concrete	11,820	-0.24
08/18/2021	15:30:38	78787.27	394759.24	40.57	Concrete	11,520	-0.45
08/18/2021	15:30:39	78787.07	394759.20	40.55	Concrete	11,520	-0.45
08/18/2021	15:30:40	78786.86	394759.15	40.54	Concrete	12,480	0.23
08/18/2021	15:30:41	78786.70	394759.11	40.52	Concrete	11,940	-0.15
08/18/2021	15:30:42	78786.55	394759.06	40.51	Concrete	12,480	0.23
08/18/2021	15:30:43	78786.36	394759.01	40.50	Concrete	10,440	-1.21
08/18/2021	15:30:44	78786.21	394758.95	40.49	Concrete	10,500	-1.17
08/18/2021	15:30:45	78786.05	394758.92	40.48	Concrete	13,020	0.61
08/18/2021	15:30:46	78785.85	394758.90	40.47	Concrete	11,460	-0.49
08/18/2021	15:30:47	78785.66	394758.91	40.47	Concrete	12,300	0.10
08/18/2021	15:30:48	78785.46	394758.87	40.47	Concrete	12,660	0.36
08/18/2021	15:30:49	78785.28	394758.87	40.47	Concrete	11,580	-0.40
08/18/2021	15:30:50	78785.14	394758.83	40.47	Concrete	10,800	-0.95
08/18/2021	15:30:51	78785.12	394758.74	40.47	Concrete	12,120	-0.02
08/18/2021	15:30:52	78785.11	394758.73	40.47	Concrete	12,060	-0.07
08/18/2021	15:30:53	78785.03	394758.80	40.47	Concrete	10,860	-0.91
08/18/2021	15:30:54	78784.90	394758.79	40.47	Concrete	12,180	0.02
08/18/2021	15:30:55	78784.78	394758.76	40.47	Concrete	11,700	-0.32
08/18/2021	15:30:56	78784.64	394758.74	40.47	Concrete	12,120	-0.02
08/18/2021	15:30:57	78784.49	394758.73	40.47	Concrete	10,800	-0.95
08/18/2021	15:30:58	78784.34	394758.70	40.48	Concrete	13,320	0.82
08/18/2021	15:30:59	78784.20	394758.68	40.48	Concrete	12,120	-0.02
08/18/2021	15:31:00	78784.05	394758.65	40.49	Concrete	12,420	0.19
08/18/2021	15:31:01	78783.88	394758.60	40.50	Concrete	12,900	0.53
08/18/2021	15:31:02	78783.68	394758.56	40.50	Concrete	11,400	-0.53
08/18/2021	15:31:03	78783.48	394758.52	40.50	Concrete	11,760	-0.28

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08/18/2021	15:31:04	78783.28	394758.52	40.52	Concrete	11,820	-0.24
08/18/2021	15:31:05	78783.12	394758.47	40.52	Concrete	11,700	-0.32
08/18/2021	15:31:06	78782.96	394758.48	40.50	Concrete	11,280	-0.62
08/18/2021	15:31:07	78782.77	394758.46	40.50	Concrete	12,180	0.02
08/18/2021	15:31:08	78782.55	394758.47	40.50	Concrete	10,680	-1.04
08/18/2021	15:31:09	78782.36	394758.40	40.51	Concrete	12,900	0.53
08/18/2021	15:31:10	78782.16	394758.38	40.50	Concrete	12,420	0.19
08/18/2021	15:31:11	78781.94	394758.37	40.50	Concrete	12,540	0.27
08/18/2021	15:31:12	78781.72	394758.35	40.51	Concrete	13,260	0.78
08/18/2021	15:31:13	78781.51	394758.30	40.51	Concrete	10,440	-1.21
08/18/2021	15:31:14	78781.28	394758.27	40.52	Concrete	13,140	0.70
08/18/2021	15:31:15	78781.04	394758.26	40.52	Concrete	11,340	-0.57
08/18/2021	15:31:16	78780.80	394758.21	40.50	Concrete	12,840	0.48
08/18/2021	15:31:17	78780.56	394758.19	40.49	Concrete	12,000	-0.11
08/18/2021	15:31:18	78780.37	394758.16	40.49	Concrete	12,480	0.23
08/18/2021	15:31:19	78780.20	394758.14	40.48	Concrete	10,860	-0.91
08/18/2021	15:31:20	78780.01	394758.11	40.47	Concrete	12,000	-0.11
08/18/2021	15:31:21	78779.85	394758.10	40.46	Concrete	14,280	1.50
08/18/2021	15:31:22	78779.70	394758.07	40.44	Concrete	11,340	-0.57
08/18/2021	15:31:23	78779.52	394758.05	40.43	Concrete	12,240	0.06
08/18/2021	15:31:24	78779.32	394758.04	40.42	Concrete	13,500	0.95
08/18/2021	15:31:25	78779.13	394758.01	40.40	Concrete	13,740	1.12
08/18/2021	15:31:26	78778.92	394757.95	40.39	Concrete	12,240	0.06
08/18/2021	15:31:27	78778.71	394757.89	40.39	Concrete	11,580	-0.40
08/18/2021	15:31:28	78778.54	394757.84	40.38	Concrete	12,120	-0.02
08/18/2021	15:31:29	78778.35	394757.79	40.38	Concrete	12,780	0.44
08/18/2021	15:31:30	78778.17	394757.75	40.37	Concrete	12,480	0.23
08/18/2021	15:31:31	78777.99	394757.74	40.36	Concrete	11,460	-0.49
08/18/2021	15:31:32	78777.80	394757.73	40.36	Concrete	13,440	0.91
08/18/2021	15:31:33	78777.62	394757.72	40.37	Concrete	11,880	-0.19
08/18/2021	15:31:34	78777.43	394757.69	40.39	Concrete	13,020	0.61
08/18/2021	15:31:35	78777.25	394757.65	40.40	Concrete	10,740	-1.00
08/18/2021	15:31:36	78777.07	394757.60	40.40	Concrete	12,120	-0.02
08/18/2021	15:31:37	78776.89	394757.54	40.41	Concrete	10,920	-0.87
08/18/2021	15:31:38	78776.68	394757.33	40.42	Concrete	9,900	-1.59
08/18/2021	15:31:39	78776.56	394757.28	40.42	Concrete	10,860	-0.91
08/18/2021	15:31:40	78776.59	394757.29	40.43	Concrete	12,720	0.40
08/18/2021	15:31:41	78776.59	394757.24	40.44	Concrete	12,660	0.36
08/18/2021	15:31:42	78776.64	394757.27	40.43	Concrete	11,160	-0.70
08/18/2021	15:31:43	78776.72	394757.28	40.42	Concrete	12,840	0.48
08/18/2021	15:31:44	78776.79	394757.35	40.41	Concrete	13,920	1.25
08/18/2021	15:31:45	78776.93	394757.42	40.42	Concrete	10,800	-0.95
08/18/2021	15:31:46	78777.10	394757.50	40.41	Concrete	12,480	0.23
08/18/2021	15:31:47	78777.23	394757.56	40.42	Concrete	13,980	1.29
08/18/2021	15:31:48	78777.36	394757.59	40.41	Concrete	11,220	-0.66
08/18/2021	15:31:49	78777.49	394757.65	40.41	Concrete	10,500	-1.17
08/18/2021	15:31:50	78777.63	394757.67	40.40	Concrete	12,120	-0.02
08/18/2021	15:31:51	78777.79	394757.69	40.40	Concrete	10,920	-0.87
08/18/2021	15:31:52	78777.98	394757.70	40.39	Concrete	11,880	-0.19
08/18/2021	15:31:53	78778.14	394757.70	40.39	Concrete	10,620	-1.08
08/18/2021	15:31:54	78778.30	394757.69	40.37	Concrete	10,500	-1.17

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08/18/2021	15:31:55	78778.47	394757.71	40.37	Concrete	12,480	0.23
08/18/2021	15:31:56	78778.64	394757.73	40.37	Concrete	12,240	0.06
08/18/2021	15:31:57	78778.78	394757.79	40.39	Concrete	10,440	-1.21
08/18/2021	15:31:58	78778.95	394757.83	40.39	Concrete	11,280	-0.62
08/18/2021	15:31:59	78779.11	394757.86	40.41	Concrete	11,640	-0.36
08/18/2021	15:32:00	78779.25	394757.84	40.42	Concrete	12,300	0.10
08/18/2021	15:32:01	78779.36	394757.88	40.42	Concrete	11,760	-0.28
08/18/2021	15:32:02	78779.52	394757.89	40.43	Concrete	10,500	-1.17
08/18/2021	15:32:03	78779.68	394757.92	40.41	Concrete	13,080	0.65
08/18/2021	15:32:04	78779.83	394757.96	40.41	Concrete	12,720	0.40
08/18/2021	15:32:05	78779.99	394757.97	40.39	Concrete	11,940	-0.15
08/18/2021	15:32:06	78780.14	394757.95	40.39	Concrete	11,940	-0.15
08/18/2021	15:32:07	78780.32	394757.92	40.38	Concrete	12,120	-0.02
08/18/2021	15:32:08	78780.50	394757.92	40.38	Concrete	12,480	0.23
08/18/2021	15:32:09	78780.64	394757.90	40.38	Concrete	11,520	-0.45
08/18/2021	15:32:10	78780.78	394757.92	40.39	Concrete	11,580	-0.40
08/18/2021	15:32:11	78780.93	394757.93	40.40	Concrete	12,660	0.36
08/18/2021	15:32:12	78781.06	394757.94	40.39	Concrete	12,600	0.31
08/18/2021	15:32:13	78781.20	394757.98	40.39	Concrete	12,120	-0.02
08/18/2021	15:32:14	78781.36	394758.01	40.39	Concrete	12,600	0.31
08/18/2021	15:32:15	78781.53	394758.01	40.39	Concrete	11,460	-0.49
08/18/2021	15:32:16	78781.74	394758.04	40.38	Concrete	10,800	-0.95
08/18/2021	15:32:17	78781.92	394758.06	40.39	Concrete	11,220	-0.66
08/18/2021	15:32:18	78782.07	394758.08	40.38	Concrete	10,740	-1.00
08/18/2021	15:32:19	78782.23	394758.10	40.39	Concrete	12,600	0.31
08/18/2021	15:32:20	78782.42	394758.12	40.38	Concrete	10,740	-1.00
08/18/2021	15:32:21	78782.63	394758.15	40.38	Concrete	9,660	-1.76
08/18/2021	15:32:22	78782.82	394758.17	40.36	Concrete	12,180	0.02
08/18/2021	15:32:23	78782.99	394758.20	40.37	Concrete	13,200	0.74
08/18/2021	15:32:24	78783.20	394758.21	40.35	Concrete	12,000	-0.11
08/18/2021	15:32:25	78783.43	394758.26	40.35	Concrete	10,620	-1.08
08/18/2021	15:32:26	78783.67	394758.27	40.33	Concrete	9,720	-1.72
08/18/2021	15:32:27	78783.89	394758.30	40.31	Concrete	11,280	-0.62
08/18/2021	15:32:28	78784.09	394758.31	40.29	Concrete	13,740	1.12
08/18/2021	15:32:29	78784.29	394758.34	40.28	Concrete	11,460	-0.49
08/18/2021	15:32:30	78784.49	394758.36	40.28	Concrete	13,080	0.65
08/18/2021	15:32:31	78784.68	394758.37	40.27	Concrete	11,820	-0.24
08/18/2021	15:32:32	78784.86	394758.36	40.27	Concrete	9,780	-1.67
08/18/2021	15:32:33	78785.08	394758.39	40.27	Concrete	12,180	0.02
08/18/2021	15:32:34	78785.32	394758.39	40.27	Concrete	10,620	-1.08
08/18/2021	15:32:35	78785.50	394758.40	40.27	Concrete	10,560	-1.12
08/18/2021	15:32:36	78785.68	394758.39	40.26	Concrete	12,660	0.36
08/18/2021	15:32:37	78785.85	394758.38	40.25	Concrete	12,120	-0.02
08/18/2021	15:32:38	78786.02	394758.38	40.25	Concrete	13,980	1.29
08/18/2021	15:32:39	78786.22	394758.46	40.26	Concrete	13,020	0.61
08/18/2021	15:32:40	78786.46	394758.50	40.27	Concrete	13,080	0.65
08/18/2021	15:32:41	78786.64	394758.55	40.29	Concrete	12,420	0.19
08/18/2021	15:32:42	78786.80	394758.60	40.30	Concrete	12,900	0.53
08/18/2021	15:32:43	78786.98	394758.64	40.31	Concrete	11,700	-0.32
08/18/2021	15:32:44	78787.16	394758.67	40.31	Concrete	12,600	0.31
08/18/2021	15:32:45	78787.32	394758.73	40.32	Concrete	13,020	0.61

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08/18/2021	15:32:46	78787.48	394758.76	40.33	Concrete	10,980	-0.83
08/18/2021	15:32:47	78787.66	394758.82	40.33	Concrete	10,920	-0.87
08/18/2021	15:32:48	78787.92	394758.81	40.34	Concrete	11,460	-0.49
08/18/2021	15:32:49	78788.05	394758.87	40.33	Concrete	10,320	-1.29
08/18/2021	15:32:50	78788.03	394758.99	40.34	Concrete	10,440	-1.21
08/18/2021	15:32:51	78788.02	394759.05	40.33	Concrete	11,280	-0.62
08/18/2021	15:32:52	78788.00	394759.09	40.32	Concrete	10,800	-0.95
08/18/2021	15:32:53	78787.94	394759.13	40.32	Concrete	10,620	-1.08
08/18/2021	15:32:54	78787.87	394759.13	40.32	Concrete	11,820	-0.24
08/18/2021	15:32:55	78787.76	394759.21	40.31	Concrete	9,840	-1.63
08/18/2021	15:32:56	78787.68	394759.16	40.30	Concrete	11,700	-0.32
08/18/2021	15:32:57	78787.54	394759.20	40.29	Concrete	11,220	-0.66
08/18/2021	15:32:58	78787.38	394759.25	40.29	Concrete	10,620	-1.08
08/18/2021	15:32:59	78787.27	394759.18	40.28	Concrete	12,480	0.23
08/18/2021	15:33:00	78787.12	394759.20	40.28	Concrete	11,940	-0.15
08/18/2021	15:33:01	78787.03	394759.14	40.28	Concrete	11,640	-0.36
08/18/2021	15:33:02	78786.92	394759.07	40.29	Concrete	12,420	0.19
08/18/2021	15:33:03	78786.82	394759.01	40.28	Concrete	13,680	1.08
08/18/2021	15:33:04	78786.72	394758.93	40.28	Concrete	11,880	-0.19
08/18/2021	15:33:05	78786.59	394758.88	40.27	Concrete	11,820	-0.24
08/18/2021	15:33:06	78786.47	394758.78	40.28	Concrete	12,300	0.10
08/18/2021	15:33:07	78786.32	394758.69	40.27	Concrete	11,340	-0.57
08/18/2021	15:33:08	78786.18	394758.61	40.27	Concrete	11,820	-0.24
08/18/2021	15:33:09	78786.04	394758.59	40.28	Concrete	11,100	-0.74
08/18/2021	15:33:10	78785.89	394758.58	40.28	Concrete	14,040	1.33
08/18/2021	15:33:11	78785.74	394758.58	40.29	Concrete	12,240	0.06
08/18/2021	15:33:12	78785.60	394758.56	40.29	Concrete	11,820	-0.24
08/18/2021	15:33:13	78785.46	394758.57	40.29	Concrete	13,440	0.91
08/18/2021	15:33:14	78785.28	394758.56	40.30	Concrete	11,760	-0.28
08/18/2021	15:33:15	78785.10	394758.57	40.29	Concrete	11,940	-0.15
08/18/2021	15:33:16	78784.92	394758.54	40.29	Concrete	11,820	-0.24
08/18/2021	15:33:17	78784.72	394758.53	40.29	Concrete	12,840	0.48
08/18/2021	15:33:18	78784.53	394758.51	40.29	Concrete	10,560	-1.12
08/18/2021	15:33:19	78784.34	394758.50	40.29	Concrete	11,520	-0.45
08/18/2021	15:33:20	78784.13	394758.47	40.29	Concrete	12,960	0.57
08/18/2021	15:33:21	78783.89	394758.45	40.31	Concrete	11,220	-0.66
08/18/2021	15:33:22	78783.67	394758.44	40.30	Concrete	10,980	-0.83
08/18/2021	15:33:23	78783.46	394758.47	40.32	Concrete	11,040	-0.79
08/18/2021	15:33:24	78783.27	394758.48	40.33	Concrete	12,360	0.15
08/18/2021	15:33:25	78783.05	394758.46	40.33	Concrete	13,320	0.82
08/18/2021	15:33:26	78782.80	394758.43	40.34	Concrete	10,560	-1.12
08/18/2021	15:33:27	78782.54	394758.39	40.34	Concrete	10,740	-1.00
08/18/2021	15:33:28	78782.27	394758.36	40.35	Concrete	12,420	0.19
08/18/2021	15:33:29	78782.01	394758.34	40.37	Concrete	12,000	-0.11
08/18/2021	15:33:30	78781.76	394758.31	40.37	Concrete	10,680	-1.04
08/18/2021	15:33:31	78781.51	394758.33	40.37	Concrete	11,520	-0.45
08/18/2021	15:33:32	78781.24	394758.27	40.37	Concrete	11,220	-0.66
08/18/2021	15:33:33	78780.96	394758.24	40.35	Concrete	11,640	-0.36
08/18/2021	15:33:34	78780.69	394758.17	40.34	Concrete	12,300	0.10
08/18/2021	15:33:35	78780.41	394758.16	40.32	Concrete	11,760	-0.28
08/18/2021	15:33:36	78780.14	394758.09	40.31	Concrete	11,880	-0.19

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08/18/2021	15:33:37	78779.82	394758.07	40.31	Concrete	11,760	-0.28
08/18/2021	15:33:38	78779.56	394758.02	40.30	Concrete	11,580	-0.40
08/18/2021	15:33:39	78779.38	394757.95	40.30	Concrete	12,780	0.44
08/18/2021	15:33:40	78779.21	394757.93	40.29	Concrete	13,140	0.70
08/18/2021	15:33:41	78778.96	394757.97	40.28	Concrete	12,360	0.15
08/18/2021	15:33:42	78778.70	394757.91	40.28	Concrete	12,300	0.10
08/18/2021	15:33:43	78778.40	394757.91	40.27	Concrete	11,940	-0.15
08/18/2021	15:33:44	78778.10	394757.88	40.28	Concrete	12,300	0.10
08/18/2021	15:33:45	78777.82	394757.86	40.30	Concrete	13,140	0.70
08/18/2021	15:33:46	78777.56	394757.84	40.33	Concrete	11,940	-0.15
08/18/2021	15:33:47	78777.31	394757.79	40.34	Concrete	10,800	-0.95
08/18/2021	15:33:48	78777.08	394757.66	40.36	Concrete	11,820	-0.24
08/18/2021	15:33:49	78776.85	394757.46	40.38	Concrete	13,500	0.95
08/18/2021	15:33:50	78776.68	394757.23	40.40	Concrete	11,460	-0.49
08/18/2021	15:33:51	78776.67	394757.18	40.42	Concrete	11,160	-0.70
08/18/2021	15:33:52	78776.74	394757.19	40.43	Concrete	12,600	0.31
08/18/2021	15:33:53	78776.81	394757.27	40.43	Concrete	12,000	-0.11
08/18/2021	15:33:54	78776.96	394757.35	40.43	Concrete	11,280	-0.62
08/18/2021	15:33:55	78777.14	394757.40	40.44	Concrete	12,600	0.31
08/18/2021	15:33:56	78777.32	394757.44	40.43	Concrete	11,880	-0.19
08/18/2021	15:33:57	78777.52	394757.46	40.43	Concrete	11,100	-0.74
08/18/2021	15:33:58	78777.73	394757.48	40.45	Concrete	11,460	-0.49
08/18/2021	15:33:59	78777.97	394757.47	40.44	Concrete	11,640	-0.36
08/18/2021	15:34:00	78778.18	394757.50	40.45	Concrete	11,160	-0.70
08/18/2021	15:34:01	78778.39	394757.54	40.46	Concrete	11,760	-0.28
08/18/2021	15:34:02	78778.59	394757.60	40.46	Concrete	14,160	1.41
08/18/2021	15:34:03	78778.84	394757.60	40.45	Concrete	10,980	-0.83
08/18/2021	15:34:04	78779.08	394757.61	40.46	Concrete	10,500	-1.17
08/18/2021	15:34:05	78779.34	394757.62	40.45	Concrete	12,180	0.02
08/18/2021	15:34:06	78779.54	394757.66	40.45	Concrete	12,420	0.19
08/18/2021	15:34:07	78779.75	394757.67	40.44	Concrete	12,000	-0.11
08/18/2021	15:34:08	78779.97	394757.71	40.46	Concrete	12,120	-0.02
08/18/2021	15:34:09	78780.23	394757.74	40.48	Concrete	12,540	0.27
08/18/2021	15:34:10	78780.48	394757.80	40.50	Concrete	11,040	-0.79
08/18/2021	15:34:11	78780.72	394757.83	40.52	Concrete	11,940	-0.15
08/18/2021	15:34:12	78780.91	394757.87	40.54	Concrete	11,940	-0.15
08/18/2021	15:34:13	78781.13	394757.85	40.55	Concrete	10,920	-0.87
08/18/2021	15:34:14	78781.34	394757.88	40.57	Concrete	11,520	-0.45
08/18/2021	15:34:15	78781.58	394757.90	40.56	Concrete	11,580	-0.40
08/18/2021	15:34:16	78781.80	394757.93	40.56	Concrete	11,520	-0.45
08/18/2021	15:34:17	78782.02	394757.99	40.56	Concrete	12,000	-0.11
08/18/2021	15:34:18	78782.23	394758.02	40.56	Concrete	11,520	-0.45
08/18/2021	15:34:19	78782.47	394758.00	40.56	Concrete	12,120	-0.02
08/18/2021	15:34:20	78782.70	394758.00	40.53	Concrete	11,940	-0.15
08/18/2021	15:34:21	78782.93	394758.02	40.53	Concrete	9,180	-2.10
08/18/2021	15:34:22	78783.18	394758.00	40.51	Concrete	12,540	0.27
08/18/2021	15:34:23	78783.40	394758.05	40.50	Concrete	10,920	-0.87
08/18/2021	15:34:24	78783.62	394758.07	40.47	Concrete	12,000	-0.11
08/18/2021	15:34:25	78783.84	394758.08	40.45	Concrete	10,860	-0.91
08/18/2021	15:34:26	78784.07	394758.08	40.44	Concrete	12,720	0.40
08/18/2021	15:34:27	78784.27	394758.11	40.44	Concrete	10,620	-1.08

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08/18/2021	15:34:28	78784.52	394758.11	40.43	Concrete	11,400	-0.53
08/18/2021	15:34:29	78784.76	394758.17	40.43	Concrete	12,300	0.10
08/18/2021	15:34:30	78785.01	394758.17	40.43	Concrete	12,240	0.06
08/18/2021	15:34:31	78785.23	394758.21	40.43	Concrete	12,660	0.36
08/18/2021	15:34:32	78785.45	394758.20	40.42	Concrete	11,880	-0.19
08/18/2021	15:34:33	78785.68	394758.21	40.41	Concrete	11,100	-0.74
08/18/2021	15:34:34	78785.95	394758.23	40.41	Concrete	13,020	0.61
08/18/2021	15:34:35	78786.22	394758.26	40.41	Concrete	12,540	0.27
08/18/2021	15:34:36	78786.48	394758.25	40.41	Concrete	12,480	0.23
08/18/2021	15:34:37	78786.73	394758.25	40.42	Concrete	12,180	0.02
08/18/2021	15:34:38	78786.98	394758.23	40.44	Concrete	12,480	0.23
08/18/2021	15:34:39	78787.21	394758.25	40.44	Concrete	10,560	-1.12
08/18/2021	15:34:40	78787.46	394758.25	40.44	Concrete	12,300	0.10
08/18/2021	15:34:41	78787.70	394758.27	40.45	Concrete	11,340	-0.57
08/18/2021	15:34:42	78787.95	394758.27	40.45	Concrete	11,880	-0.19
08/18/2021	15:34:43	78788.20	394758.30	40.44	Concrete	10,800	-0.95
08/18/2021	15:34:44	78788.41	394758.30	40.44	Concrete	12,240	0.06
08/18/2021	15:34:45	78788.56	394758.34	40.44	Concrete	11,460	-0.49
08/18/2021	15:34:46	78788.64	394758.36	40.43	Concrete	11,280	-0.62
08/18/2021	15:34:47	78788.53	394758.51	40.44	Concrete	10,860	-0.91
08/18/2021	15:34:48	78788.50	394758.60	40.43	Concrete	10,620	-1.08
08/18/2021	15:34:49	78788.45	394758.63	40.42	Concrete	11,340	-0.57
08/18/2021	15:34:50	78788.31	394758.63	40.41	Concrete	13,920	1.25
08/18/2021	15:34:51	78788.22	394758.67	40.42	Concrete	12,360	0.15
08/18/2021	15:34:52	78788.17	394758.88	40.42	Concrete	13,080	0.65
08/18/2021	15:34:53	78788.12	394758.79	40.43	Concrete	9,960	-1.55
08/18/2021	15:34:54	78788.02	394758.71	40.43	Concrete	11,460	-0.49
08/18/2021	15:34:55	78787.89	394758.84	40.44	Concrete	12,060	-0.07
08/18/2021	15:34:56	78787.79	394758.82	40.43	Concrete	13,620	1.03
08/18/2021	15:34:57	78787.68	394758.86	40.42	Concrete	14,220	1.46
08/18/2021	15:34:58	78787.56	394758.91	40.41	Concrete	11,940	-0.15
08/18/2021	15:34:59	78787.47	394758.84	40.42	Concrete	12,600	0.31
08/18/2021	15:35:00	78787.35	394758.91	40.41	Concrete	12,180	0.02
08/18/2021	15:35:01	78787.23	394758.91	40.41	Concrete	11,400	-0.53
08/18/2021	15:35:02	78787.10	394758.97	40.42	Concrete	10,200	-1.38
08/18/2021	15:35:03	78786.95	394759.01	40.40	Concrete	13,500	0.95
08/18/2021	15:35:04	78786.79	394758.99	40.40	Concrete	12,300	0.10
08/18/2021	15:35:05	78786.63	394759.02	40.39	Concrete	13,080	0.65
08/18/2021	15:35:06	78786.44	394758.94	40.38	Concrete	11,760	-0.28
08/18/2021	15:35:07	78786.25	394758.90	40.37	Concrete	13,140	0.70
08/18/2021	15:35:08	78786.23	394758.67	40.38	Concrete	10,860	-0.91
08/18/2021	15:35:09	78786.20	394758.43	40.37	Concrete	11,760	-0.28
08/18/2021	15:35:10	78786.36	394758.39	40.39	Concrete	13,320	0.82
08/18/2021	15:35:11	78786.52	394758.30	40.39	Concrete	12,360	0.15
08/18/2021	15:35:12	78786.66	394758.33	40.41	Concrete	11,460	-0.49
08/18/2021	15:35:13	78786.85	394758.33	40.43	Concrete	12,600	0.31
08/18/2021	15:35:14	78787.03	394758.36	40.44	Concrete	10,380	-1.25
08/18/2021	15:35:15	78787.21	394758.41	40.46	Concrete	11,460	-0.49
08/18/2021	15:35:16	78787.38	394758.44	40.47	Concrete	11,040	-0.79
08/18/2021	15:35:17	78787.55	394758.51	40.49	Concrete	11,280	-0.62
08/18/2021	15:35:18	78787.72	394758.52	40.51	Concrete	12,120	-0.02

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08/18/2021	15:35:19	78787.89	394758.60	40.52	Concrete	10,860	-0.91
08/18/2021	15:35:20	78788.12	394758.61	40.52	Concrete	12,480	0.23
08/18/2021	15:35:21	78788.33	394758.57	40.51	Concrete	11,580	-0.40
08/18/2021	15:35:22	78788.55	394758.39	40.51	Concrete	10,200	-1.38
08/18/2021	15:35:23	78788.78	394758.26	40.53	Concrete	10,680	-1.04
08/18/2021	15:35:24	78788.93	394758.11	40.53	Concrete	11,160	-0.70
08/18/2021	15:35:25	78788.97	394758.10	40.53	Concrete	10,740	-1.00
08/18/2021	15:35:26	78788.93	394758.08	40.52	Concrete	11,040	-0.79
08/18/2021	15:35:27	78788.82	394758.04	40.51	Concrete	11,280	-0.62
08/18/2021	15:35:28	78788.60	394758.03	40.52	Concrete	10,500	-1.17
08/18/2021	15:35:29	78788.38	394757.97	40.51	Concrete	10,800	-0.95
08/18/2021	15:35:30	78788.19	394757.98	40.50	Concrete	11,580	-0.40
08/18/2021	15:35:31	78788.04	394757.91	40.49	Concrete	12,060	-0.07
08/18/2021	15:35:32	78787.83	394757.94	40.47	Concrete	13,260	0.78
08/18/2021	15:35:33	78787.65	394757.91	40.47	Concrete	10,560	-1.12
08/18/2021	15:35:34	78787.45	394757.92	40.46	Concrete	12,300	0.10
08/18/2021	15:35:35	78787.27	394757.86	40.45	Concrete	11,280	-0.62
08/18/2021	15:35:36	78787.09	394757.86	40.45	Concrete	12,060	-0.07
08/18/2021	15:35:37	78786.91	394757.85	40.44	Concrete	11,820	-0.24
08/18/2021	15:35:38	78786.73	394757.82	40.43	Concrete	11,460	-0.49
08/18/2021	15:35:39	78786.51	394757.80	40.42	Concrete	12,660	0.36
08/18/2021	15:35:40	78786.28	394757.76	40.42	Concrete	14,220	1.46
08/18/2021	15:35:41	78786.05	394757.72	40.40	Concrete	11,820	-0.24
08/18/2021	15:35:42	78785.85	394757.68	40.41	Concrete	12,240	0.06
08/18/2021	15:35:43	78785.64	394757.64	40.40	Concrete	11,220	-0.66
08/18/2021	15:35:44	78785.46	394757.59	40.42	Concrete	12,240	0.06
08/18/2021	15:35:45	78785.23	394757.60	40.43	Concrete	12,060	-0.07
08/18/2021	15:35:46	78785.02	394757.56	40.44	Concrete	10,620	-1.08
08/18/2021	15:35:47	78784.77	394757.57	40.45	Concrete	13,500	0.95
08/18/2021	15:35:48	78784.52	394757.53	40.48	Concrete	10,560	-1.12
08/18/2021	15:35:49	78784.29	394757.52	40.49	Concrete	12,900	0.53
08/18/2021	15:35:50	78784.09	394757.46	40.51	Concrete	11,520	-0.45
08/18/2021	15:35:51	78783.88	394757.49	40.52	Concrete	11,100	-0.74
08/18/2021	15:35:52	78783.68	394757.42	40.52	Concrete	11,460	-0.49
08/18/2021	15:35:53	78783.45	394757.41	40.52	Concrete	12,000	-0.11
08/18/2021	15:35:54	78783.28	394757.36	40.52	Concrete	11,220	-0.66
08/18/2021	15:35:55	78783.04	394757.35	40.52	Concrete	11,160	-0.70
08/18/2021	15:35:56	78782.80	394757.31	40.53	Concrete	12,060	-0.07
08/18/2021	15:35:57	78782.57	394757.34	40.52	Concrete	12,420	0.19
08/18/2021	15:35:58	78782.35	394757.27	40.53	Concrete	11,820	-0.24
08/18/2021	15:35:59	78782.11	394757.27	40.52	Concrete	11,460	-0.49
08/18/2021	15:36:00	78781.92	394757.20	40.52	Concrete	13,200	0.74
08/18/2021	15:36:01	78781.68	394757.21	40.51	Concrete	10,140	-1.42
08/18/2021	15:36:02	78781.43	394757.15	40.52	Concrete	12,000	-0.11
08/18/2021	15:36:03	78781.18	394757.15	40.51	Concrete	12,060	-0.07
08/18/2021	15:36:04	78780.95	394757.08	40.49	Concrete	11,760	-0.28
08/18/2021	15:36:05	78780.68	394757.04	40.47	Concrete	12,360	0.15
08/18/2021	15:36:06	78780.42	394756.96	40.47	Concrete	11,760	-0.28
08/18/2021	15:36:07	78780.19	394756.96	40.45	Concrete	13,020	0.61
08/18/2021	15:36:08	78779.98	394756.93	40.45	Concrete	11,880	-0.19
08/18/2021	15:36:09	78779.74	394756.92	40.45	Concrete	12,300	0.10

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08/18/2021	15:36:10	78779.51	394756.87	40.45	Concrete	11,100	-0.74
08/18/2021	15:36:11	78779.26	394756.85	40.43	Concrete	11,340	-0.57
08/18/2021	15:36:12	78779.04	394756.78	40.44	Concrete	11,160	-0.70
08/18/2021	15:36:13	78778.77	394756.77	40.43	Concrete	11,760	-0.28
08/18/2021	15:36:14	78778.51	394756.71	40.44	Concrete	11,280	-0.62
08/18/2021	15:36:15	78778.27	394756.70	40.42	Concrete	11,880	-0.19
08/18/2021	15:36:16	78778.00	394756.63	40.43	Concrete	11,580	-0.40
08/18/2021	15:36:17	78777.73	394756.62	40.42	Concrete	11,460	-0.49
08/18/2021	15:36:18	78777.50	394756.58	40.42	Concrete	12,900	0.53
08/18/2021	15:36:19	78777.25	394756.57	40.42	Concrete	11,700	-0.32
08/18/2021	15:36:20	78776.96	394756.55	40.44	Concrete	10,560	-1.12
08/18/2021	15:36:21	78776.72	394756.63	40.48	Concrete	10,140	-1.42
08/18/2021	15:36:22	78776.56	394756.78	40.47	Concrete	14,160	1.41
08/18/2021	15:36:23	78776.43	394756.92	40.49	Concrete	10,860	-0.91
08/18/2021	15:36:24	78776.45	394756.89	40.50	Concrete	11,760	-0.28
08/18/2021	15:36:25	78776.52	394756.89	40.49	Concrete	12,720	0.40
08/18/2021	15:36:26	78776.67	394756.88	40.50	Concrete	12,180	0.02
08/18/2021	15:36:27	78776.89	394756.88	40.49	Concrete	13,500	0.95
08/18/2021	15:36:28	78777.09	394756.94	40.51	Concrete	12,180	0.02
08/18/2021	15:36:29	78777.34	394756.97	40.51	Concrete	14,520	1.67
08/18/2021	15:36:30	78777.57	394757.05	40.51	Concrete	11,220	-0.66
08/18/2021	15:36:31	78777.79	394757.08	40.51	Concrete	11,340	-0.57
08/18/2021	15:36:32	78777.99	394757.15	40.52	Concrete	14,160	1.41
08/18/2021	15:36:33	78778.23	394757.15	40.52	Concrete	10,800	-0.95
08/18/2021	15:36:34	78778.43	394757.21	40.53	Concrete	12,300	0.10
08/18/2021	15:36:35	78778.65	394757.22	40.52	Concrete	11,340	-0.57
08/18/2021	15:36:36	78778.87	394757.27	40.53	Concrete	13,020	0.61
08/18/2021	15:36:37	78779.14	394757.24	40.54	Concrete	10,920	-0.87
08/18/2021	15:36:38	78779.40	394757.28	40.55	Concrete	13,800	1.16
08/18/2021	15:36:39	78779.70	394757.28	40.54	Concrete	11,880	-0.19
08/18/2021	15:36:40	78779.95	394757.35	40.56	Concrete	11,940	-0.15
08/18/2021	15:36:41	78780.27	394757.34	40.56	Concrete	11,280	-0.62
08/18/2021	15:36:42	78780.53	394757.39	40.56	Concrete	11,340	-0.57
08/18/2021	15:36:43	78780.74	394757.39	40.57	Concrete	10,620	-1.08
08/18/2021	15:36:44	78780.96	394757.46	40.58	Concrete	11,880	-0.19
08/18/2021	15:36:45	78781.19	394757.49	40.59	Concrete	12,000	-0.11
08/18/2021	15:36:46	78781.40	394757.55	40.60	Concrete	12,480	0.23
08/18/2021	15:36:47	78781.61	394757.59	40.60	Concrete	12,120	-0.02
08/18/2021	15:36:48	78781.83	394757.67	40.62	Concrete	12,780	0.44
08/18/2021	15:36:49	78782.07	394757.73	40.62	Concrete	12,180	0.02
08/18/2021	15:36:50	78782.27	394757.76	40.62	Concrete	12,240	0.06
08/18/2021	15:36:51	78782.50	394757.75	40.60	Concrete	11,760	-0.28
08/18/2021	15:36:52	78782.75	394757.77	40.59	Concrete	11,400	-0.53
08/18/2021	15:36:53	78783.01	394757.80	40.58	Concrete	12,480	0.23
08/18/2021	15:36:54	78783.30	394757.83	40.57	Concrete	12,480	0.23
08/18/2021	15:36:55	78783.60	394757.87	40.55	Concrete	11,880	-0.19
08/18/2021	15:36:56	78783.91	394757.86	40.51	Concrete	11,160	-0.70
08/18/2021	15:36:57	78784.15	394757.86	40.50	Concrete	13,380	0.86
08/18/2021	15:36:58	78784.37	394757.79	40.48	Concrete	12,180	0.02
08/18/2021	15:36:59	78784.56	394757.80	40.47	Concrete	11,520	-0.45
08/18/2021	15:37:00	78784.79	394757.75	40.46	Concrete	12,180	0.02

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08/18/2021	15:37:01	78785.03	394757.76	40.46	Concrete	12,240	0.06
08/18/2021	15:37:02	78785.24	394757.74	40.44	Concrete	11,880	-0.19
08/18/2021	15:37:03	78785.46	394757.78	40.45	Concrete	12,240	0.06
08/18/2021	15:37:04	78785.71	394757.80	40.45	Concrete	13,020	0.61
08/18/2021	15:37:05	78785.91	394757.96	40.46	Concrete	11,220	-0.66
08/18/2021	15:37:06	78786.13	394758.04	40.47	Concrete	11,460	-0.49
08/18/2021	15:37:07	78786.32	394758.14	40.47	Concrete	10,080	-1.46
08/18/2021	15:37:08	78786.58	394758.10	40.48	Concrete	12,420	0.19
08/18/2021	15:37:09	78786.81	394758.17	40.48	Concrete	12,060	-0.07
08/18/2021	15:37:10	78787.05	394758.13	40.47	Concrete	12,420	0.19
08/18/2021	15:37:11	78787.31	394758.17	40.48	Concrete	12,720	0.40
08/18/2021	15:37:12	78787.62	394758.16	40.49	Concrete	11,640	-0.36
08/18/2021	15:37:13	78787.95	394758.22	40.50	Concrete	10,620	-1.08
08/18/2021	15:37:14	78788.26	394758.22	40.50	Concrete	12,120	-0.02
08/18/2021	15:37:15	78788.59	394758.18	40.53	Concrete	10,080	-1.46
08/18/2021	15:37:16	78788.74	394758.25	40.52	Concrete	9,660	-1.76
08/18/2021	15:37:17	78788.61	394758.27	40.50	Concrete	13,260	0.78
08/18/2021	15:37:18	78788.48	394758.21	40.50	Concrete	12,600	0.31
08/18/2021	15:37:19	78788.23	394758.23	40.48	Concrete	11,220	-0.66
08/18/2021	15:37:20	78787.96	394758.17	40.48	Concrete	12,240	0.06
08/18/2021	15:37:21	78787.71	394758.17	40.46	Concrete	12,840	0.48
08/18/2021	15:37:22	78787.51	394758.12	40.45	Concrete	11,640	-0.36
08/18/2021	15:37:23	78787.28	394758.17	40.43	Concrete	12,780	0.44
08/18/2021	15:37:24	78787.07	394758.14	40.42	Concrete	13,200	0.74
08/18/2021	15:37:25	78786.83	394758.17	40.40	Concrete	11,880	-0.19
08/18/2021	15:37:26	78786.62	394758.12	40.40	Concrete	11,820	-0.24
08/18/2021	15:37:27	78786.39	394758.13	40.38	Concrete	13,200	0.74
08/18/2021	15:37:28	78786.20	394758.06	40.38	Concrete	12,660	0.36
08/18/2021	15:37:29	78785.97	394758.11	40.36	Concrete	12,720	0.40
08/18/2021	15:37:30	78785.77	394758.07	40.37	Concrete	9,900	-1.59
08/18/2021	15:37:31	78785.54	394758.13	40.36	Concrete	10,260	-1.34
08/18/2021	15:37:32	78785.35	394758.06	40.38	Concrete	12,060	-0.07
08/18/2021	15:37:33	78785.10	394758.07	40.37	Concrete	12,360	0.15
08/18/2021	15:37:34	78784.92	394757.99	40.38	Concrete	12,120	-0.02
08/18/2021	15:37:35	78784.69	394757.97	40.39	Concrete	11,160	-0.70
08/18/2021	15:37:36	78784.48	394757.90	40.42	Concrete	11,640	-0.36
08/18/2021	15:37:37	78784.29	394757.89	40.42	Concrete	11,520	-0.45
08/18/2021	15:37:38	78784.13	394757.80	40.45	Concrete	12,720	0.40
08/18/2021	15:37:39	78783.95	394757.77	40.46	Concrete	11,580	-0.40
08/18/2021	15:37:40	78783.81	394757.63	40.48	Concrete	13,140	0.70
08/18/2021	15:37:41	78783.57	394757.58	40.48	Concrete	11,580	-0.40
08/18/2021	15:37:42	78783.40	394757.47	40.49	Concrete	10,740	-1.00
08/18/2021	15:37:43	78783.15	394757.48	40.48	Concrete	13,380	0.86
08/18/2021	15:37:44	78782.94	394757.42	40.51	Concrete	11,280	-0.62
08/18/2021	15:37:45	78782.69	394757.44	40.51	Concrete	11,520	-0.45
08/18/2021	15:37:46	78782.47	394757.40	40.51	Concrete	11,820	-0.24
08/18/2021	15:37:47	78782.23	394757.41	40.50	Concrete	12,960	0.57
08/18/2021	15:37:48	78782.06	394757.36	40.49	Concrete	12,180	0.02
08/18/2021	15:37:49	78781.93	394757.45	40.49	Concrete	12,360	0.15
08/18/2021	15:37:50	78781.76	394757.40	40.49	Concrete	11,400	-0.53
08/18/2021	15:37:51	78781.55	394757.44	40.48	Concrete	11,880	-0.19

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08/18/2021	15:37:52	78781.36	394757.35	40.47	Concrete	13,200	0.74
08/18/2021	15:37:53	78781.14	394757.33	40.45	Concrete	11,040	-0.79
08/18/2021	15:37:54	78780.97	394757.22	40.44	Concrete	11,760	-0.28
08/18/2021	15:37:55	78780.78	394757.23	40.43	Concrete	11,220	-0.66
08/18/2021	15:37:56	78780.60	394757.15	40.43	Concrete	11,340	-0.57
08/18/2021	15:37:57	78780.39	394757.17	40.43	Concrete	12,540	0.27
08/18/2021	15:37:58	78780.20	394757.10	40.44	Concrete	11,520	-0.45
08/18/2021	15:37:59	78780.00	394757.12	40.44	Concrete	12,360	0.15
08/18/2021	15:38:00	78779.84	394757.06	40.44	Concrete	10,500	-1.17
08/18/2021	15:38:01	78779.62	394757.06	40.45	Concrete	13,560	0.99
08/18/2021	15:38:02	78779.44	394756.99	40.44	Concrete	12,660	0.36
08/18/2021	15:38:03	78779.23	394757.00	40.44	Concrete	9,120	-2.14
08/18/2021	15:38:04	78779.05	394756.91	40.44	Concrete	10,980	-0.83
08/18/2021	15:38:05	78778.84	394756.94	40.44	Concrete	11,160	-0.70
08/18/2021	15:38:06	78778.61	394756.86	40.44	Concrete	12,660	0.36
08/18/2021	15:38:07	78778.34	394756.88	40.44	Concrete	11,580	-0.40
08/18/2021	15:38:08	78778.13	394756.80	40.43	Concrete	11,460	-0.49
08/18/2021	15:38:09	78777.93	394756.83	40.42	Concrete	10,980	-0.83
08/18/2021	15:38:10	78777.68	394756.75	40.42	Concrete	13,380	0.86
08/18/2021	15:38:11	78777.40	394756.76	40.42	Concrete	13,920	1.25
08/18/2021	15:38:12	78777.15	394756.69	40.43	Concrete	11,340	-0.57
08/18/2021	15:38:13	78776.92	394756.67	40.45	Concrete	12,060	-0.07
08/18/2021	15:38:14	78776.74	394756.75	40.49	Concrete	12,900	0.53
08/18/2021	15:38:15	78776.58	394756.92	40.48	Concrete	11,340	-0.57
08/18/2021	15:38:16	78776.63	394757.01	40.48	Concrete	10,620	-1.08
08/18/2021	15:38:17	78776.78	394757.07	40.48	Concrete	12,060	-0.07
08/18/2021	15:38:18	78776.94	394757.13	40.48	Concrete	11,580	-0.40
08/18/2021	15:38:19	78777.08	394757.12	40.47	Concrete	12,420	0.19
08/18/2021	15:38:20	78777.28	394757.13	40.47	Concrete	12,960	0.57
08/18/2021	15:38:21	78777.49	394757.19	40.49	Concrete	13,680	1.08
08/18/2021	15:38:22	78777.67	394757.21	40.49	Concrete	12,840	0.48
08/18/2021	15:38:23	78777.83	394757.28	40.50	Concrete	12,300	0.10
08/18/2021	15:38:24	78778.07	394757.30	40.51	Concrete	12,240	0.06
08/18/2021	15:38:25	78778.27	394757.34	40.53	Concrete	11,040	-0.79
08/18/2021	15:38:26	78778.44	394757.36	40.53	Concrete	11,460	-0.49
08/18/2021	15:38:27	78778.62	394757.42	40.54	Concrete	11,520	-0.45
08/18/2021	15:38:28	78778.82	394757.43	40.54	Concrete	12,360	0.15
08/18/2021	15:38:29	78779.01	394757.48	40.55	Concrete	10,620	-1.08
08/18/2021	15:38:30	78779.19	394757.48	40.54	Concrete	14,100	1.37
08/18/2021	15:38:31	78779.39	394757.55	40.54	Concrete	14,280	1.50
08/18/2021	15:38:32	78779.58	394757.58	40.54	Concrete	11,880	-0.19
08/18/2021	15:38:33	78779.75	394757.63	40.54	Concrete	13,080	0.65
08/18/2021	15:38:34	78779.97	394757.64	40.52	Concrete	12,960	0.57
08/18/2021	15:38:35	78780.18	394757.69	40.53	Concrete	11,520	-0.45
08/18/2021	15:38:36	78780.40	394757.72	40.52	Concrete	11,100	-0.74
08/18/2021	15:38:37	78780.65	394757.76	40.54	Concrete	11,040	-0.79
08/18/2021	15:38:38	78780.88	394757.76	40.54	Concrete	13,260	0.78
08/18/2021	15:38:39	78781.08	394757.77	40.54	Concrete	10,320	-1.29
08/18/2021	15:38:40	78781.33	394757.71	40.54	Concrete	11,040	-0.79
08/18/2021	15:38:41	78781.58	394757.68	40.53	Concrete	12,000	-0.11
08/18/2021	15:38:42	78781.83	394757.72	40.54	Concrete	11,700	-0.32

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08/18/2021	15:38:43	78782.13	394757.76	40.52	Concrete	11,580	-0.40
08/18/2021	15:39:01	78789.13	394757.90	40.49	Concrete	11,100	-0.74
08/18/2021	15:39:02	78789.15	394757.87	40.47	Concrete	11,700	-0.32
08/18/2021	15:39:03	78789.11	394757.84	40.48	Concrete	9,720	-1.72
08/18/2021	15:39:04	78788.91	394757.86	40.47	Concrete	12,600	0.31
08/18/2021	15:39:05	78788.74	394757.80	40.46	Concrete	12,000	-0.11
08/18/2021	15:39:06	78788.56	394757.81	40.46	Concrete	14,160	1.41
08/18/2021	15:39:07	78788.43	394757.74	40.44	Concrete	11,880	-0.19
08/18/2021	15:39:08	78788.25	394757.72	40.43	Concrete	10,440	-1.21
08/18/2021	15:39:09	78788.07	394757.65	40.43	Concrete	12,180	0.02
08/18/2021	15:39:10	78787.86	394757.63	40.42	Concrete	12,180	0.02
08/18/2021	15:39:11	78787.67	394757.57	40.43	Concrete	11,460	-0.49
08/18/2021	15:39:12	78787.47	394757.61	40.41	Concrete	12,240	0.06
08/18/2021	15:39:13	78787.31	394757.57	40.42	Concrete	12,420	0.19
08/18/2021	15:39:14	78787.10	394757.59	40.41	Concrete	12,180	0.02
08/18/2021	15:39:15	78786.92	394757.51	40.41	Concrete	12,840	0.48
08/18/2021	15:39:16	78786.69	394757.54	40.39	Concrete	12,480	0.23
08/18/2021	15:39:17	78786.53	394757.45	40.39	Concrete	10,740	-1.00
08/18/2021	15:39:18	78786.32	394757.45	40.39	Concrete	12,180	0.02
08/18/2021	15:39:19	78786.13	394757.38	40.39	Concrete	12,300	0.10
08/18/2021	15:39:20	78785.95	394757.40	40.38	Concrete	11,400	-0.53
08/18/2021	15:39:21	78785.79	394757.32	40.39	Concrete	13,080	0.65
08/18/2021	15:39:22	78785.61	394757.36	40.40	Concrete	12,300	0.10
08/18/2021	15:39:23	78785.44	394757.30	40.40	Concrete	12,780	0.44
08/18/2021	15:39:24	78785.23	394757.33	40.41	Concrete	12,360	0.15
08/18/2021	15:39:25	78785.04	394757.28	40.43	Concrete	11,400	-0.53
08/18/2021	15:39:26	78784.83	394757.32	40.43	Concrete	11,340	-0.57
08/18/2021	15:39:27	78784.66	394757.25	40.45	Concrete	12,180	0.02
08/18/2021	15:39:28	78784.41	394757.28	40.45	Concrete	11,820	-0.24
08/18/2021	15:39:29	78784.24	394757.25	40.48	Concrete	13,920	1.25
08/18/2021	15:39:30	78784.03	394757.30	40.49	Concrete	11,640	-0.36
08/18/2021	15:39:31	78783.83	394757.26	40.51	Concrete	11,280	-0.62
08/18/2021	15:39:32	78783.60	394757.27	40.52	Concrete	9,600	-1.80
08/18/2021	15:39:33	78783.41	394757.23	40.52	Concrete	10,560	-1.12
08/18/2021	15:39:34	78783.21	394757.19	40.54	Concrete	11,400	-0.53
08/18/2021	15:39:35	78782.96	394757.13	40.55	Concrete	12,720	0.40
08/18/2021	15:39:36	78782.73	394757.05	40.58	Concrete	11,700	-0.32
08/18/2021	15:39:37	78782.46	394757.05	40.59	Concrete	12,300	0.10
08/18/2021	15:39:38	78782.25	394756.97	40.59	Concrete	11,760	-0.28
08/18/2021	15:39:39	78782.02	394757.01	40.59	Concrete	12,540	0.27
08/18/2021	15:39:40	78781.84	394756.94	40.61	Concrete	12,660	0.36
08/18/2021	15:39:41	78781.65	394756.96	40.60	Concrete	11,280	-0.62
08/18/2021	15:39:42	78781.48	394756.86	40.61	Concrete	11,880	-0.19
08/18/2021	15:39:43	78781.27	394756.88	40.61	Concrete	12,000	-0.11
08/18/2021	15:39:44	78781.11	394756.79	40.60	Concrete	12,600	0.31
08/18/2021	15:39:45	78780.89	394756.79	40.58	Concrete	12,600	0.31
08/18/2021	15:39:46	78780.71	394756.71	40.58	Concrete	11,700	-0.32
08/18/2021	15:39:47	78780.48	394756.71	40.56	Concrete	11,160	-0.70
08/18/2021	15:39:48	78780.28	394756.66	40.56	Concrete	12,060	-0.07
08/18/2021	15:39:49	78780.08	394756.68	40.56	Concrete	12,720	0.40
08/18/2021	15:39:50	78779.89	394756.61	40.55	Concrete	13,440	0.91

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08/18/2021	15:39:51	78779.63	394756.64	40.56	Concrete	10,860	-0.91
08/18/2021	15:39:52	78779.39	394756.57	40.57	Concrete	11,160	-0.70
08/18/2021	15:39:53	78779.16	394756.56	40.56	Concrete	12,840	0.48
08/18/2021	15:39:54	78778.96	394756.49	40.58	Concrete	11,040	-0.79
08/18/2021	15:39:55	78778.73	394756.41	40.60	Concrete	11,100	-0.74
08/18/2021	15:39:56	78778.52	394756.41	40.61	Concrete	12,480	0.23
08/18/2021	15:39:57	78778.32	394756.33	40.62	Concrete	11,700	-0.32
08/18/2021	15:39:58	78778.08	394756.34	40.62	Concrete	13,800	1.16
08/18/2021	15:39:59	78777.88	394756.26	40.63	Concrete	11,700	-0.32
08/18/2021	15:40:00	78777.68	394756.29	40.63	Concrete	12,360	0.15
08/18/2021	15:40:01	78777.51	394756.25	40.64	Concrete	12,060	-0.07
08/18/2021	15:40:02	78777.29	394756.32	40.64	Concrete	12,480	0.23
08/18/2021	15:40:03	78777.12	394756.24	40.66	Concrete	12,420	0.19
08/18/2021	15:40:04	78776.87	394756.27	40.68	Concrete	11,160	-0.70
08/18/2021	15:40:05	78776.70	394756.20	40.70	Concrete	12,180	0.02
08/18/2021	15:40:06	78776.59	394756.31	40.71	Concrete	12,000	-0.11
08/18/2021	15:40:07	78776.58	394756.08	40.73	Concrete	11,940	-0.15
08/18/2021	15:40:08	78776.47	394755.86	40.75	Concrete	10,380	-1.25
08/18/2021	15:40:09	78776.50	394755.83	40.75	Concrete	11,760	-0.28
08/18/2021	15:40:10	78776.57	394755.76	40.74	Concrete	10,560	-1.12
08/18/2021	15:40:11	78776.68	394755.87	40.75	Concrete	11,340	-0.57
08/18/2021	15:40:12	78776.82	394755.86	40.75	Concrete	11,280	-0.62
08/18/2021	15:40:13	78776.93	394755.93	40.74	Concrete	10,260	-1.34
08/18/2021	15:40:14	78777.09	394755.93	40.74	Concrete	12,360	0.15
08/18/2021	15:40:15	78777.21	394756.03	40.75	Concrete	11,040	-0.79
08/18/2021	15:40:16	78777.40	394756.03	40.75	Concrete	12,060	-0.07
08/18/2021	15:40:17	78777.53	394756.11	40.77	Concrete	12,060	-0.07
08/18/2021	15:40:18	78777.71	394756.07	40.77	Concrete	12,240	0.06
08/18/2021	15:40:19	78777.86	394756.13	40.78	Concrete	11,160	-0.70
08/18/2021	15:40:20	78778.03	394756.08	40.77	Concrete	11,400	-0.53
08/18/2021	15:40:21	78778.18	394756.13	40.77	Concrete	11,940	-0.15
08/18/2021	15:40:22	78778.37	394756.10	40.77	Concrete	13,260	0.78
08/18/2021	15:40:23	78778.49	394756.17	40.79	Concrete	10,560	-1.12
08/18/2021	15:40:24	78778.65	394756.15	40.79	Concrete	12,360	0.15
08/18/2021	15:40:25	78778.77	394756.21	40.80	Concrete	11,460	-0.49
08/18/2021	15:40:26	78778.94	394756.19	40.81	Concrete	13,620	1.03
08/18/2021	15:40:27	78779.09	394756.26	40.83	Concrete	10,980	-0.83
08/18/2021	15:40:28	78779.25	394756.25	40.83	Concrete	10,740	-1.00
08/18/2021	15:40:29	78779.41	394756.34	40.83	Concrete	11,040	-0.79
08/18/2021	15:40:30	78779.61	394756.33	40.83	Concrete	12,060	-0.07
08/18/2021	15:40:31	78779.72	394756.42	40.83	Concrete	12,240	0.06
08/18/2021	15:40:32	78779.90	394756.39	40.83	Concrete	11,760	-0.28
08/18/2021	15:40:33	78780.06	394756.45	40.83	Concrete	11,760	-0.28
08/18/2021	15:40:34	78780.28	394756.41	40.84	Concrete	11,640	-0.36
08/18/2021	15:40:35	78780.42	394756.47	40.84	Concrete	13,440	0.91
08/18/2021	15:40:36	78780.58	394756.48	40.83	Concrete	12,240	0.06
08/18/2021	15:40:37	78780.75	394756.57	40.86	Concrete	10,320	-1.29
08/18/2021	15:40:38	78780.95	394756.60	40.86	Concrete	13,440	0.91
08/18/2021	15:40:39	78781.11	394756.66	40.87	Concrete	11,940	-0.15
08/18/2021	15:40:40	78781.30	394756.67	40.86	Concrete	12,240	0.06
08/18/2021	15:40:41	78781.47	394756.72	40.87	Concrete	10,440	-1.21

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08/18/2021	15:40:42	78781.66	394756.78	40.86	Concrete	11,820	-0.24
08/18/2021	15:40:43	78781.88	394756.76	40.86	Concrete	11,280	-0.62
08/18/2021	15:40:44	78782.06	394756.84	40.87	Concrete	11,460	-0.49
08/18/2021	15:40:45	78782.25	394756.85	40.87	Concrete	12,720	0.40
08/18/2021	15:40:46	78782.40	394756.94	40.87	Concrete	13,020	0.61
08/18/2021	15:40:47	78782.58	394756.90	40.87	Concrete	13,140	0.70
08/18/2021	15:40:48	78782.76	394756.99	40.87	Concrete	12,000	-0.11
08/18/2021	15:40:49	78782.94	394756.98	40.87	Concrete	11,400	-0.53
08/18/2021	15:40:50	78783.16	394757.12	40.87	Concrete	14,040	1.33
08/18/2021	15:40:51	78783.39	394757.10	40.84	Concrete	11,760	-0.28
08/18/2021	15:40:52	78783.56	394757.16	40.81	Concrete	11,460	-0.49
08/18/2021	15:40:53	78783.80	394757.11	40.79	Concrete	13,440	0.91
08/18/2021	15:40:54	78784.01	394757.17	40.76	Concrete	11,160	-0.70
08/18/2021	15:40:55	78784.22	394757.12	40.74	Concrete	13,020	0.61
08/18/2021	15:40:56	78784.43	394757.13	40.73	Concrete	11,940	-0.15
08/18/2021	15:40:57	78784.65	394757.14	40.71	Concrete	11,700	-0.32
08/18/2021	15:40:58	78784.84	394757.20	40.71	Concrete	12,480	0.23
08/18/2021	15:40:59	78785.08	394757.20	40.70	Concrete	12,720	0.40
08/18/2021	15:41:00	78785.30	394757.26	40.68	Concrete	10,680	-1.04
08/18/2021	15:41:01	78785.52	394757.31	40.67	Concrete	13,140	0.70
08/18/2021	15:41:02	78785.76	394757.33	40.66	Concrete	12,240	0.06
08/18/2021	15:41:03	78785.97	394757.38	40.68	Concrete	12,120	-0.02
08/18/2021	15:41:04	78786.20	394757.35	40.67	Concrete	13,260	0.78
08/18/2021	15:41:05	78786.38	394757.41	40.69	Concrete	12,900	0.53
08/18/2021	15:41:06	78786.64	394757.37	40.69	Concrete	12,780	0.44
08/18/2021	15:41:07	78786.86	394757.46	40.71	Concrete	12,180	0.02
08/18/2021	15:41:08	78787.16	394757.40	40.70	Concrete	11,100	-0.74
08/18/2021	15:41:09	78787.41	394757.44	40.71	Concrete	12,000	-0.11
08/18/2021	15:41:10	78787.65	394757.45	40.71	Concrete	12,060	-0.07
08/18/2021	15:41:11	78787.87	394757.50	40.72	Concrete	11,820	-0.24
08/18/2021	15:41:12	78788.08	394757.54	40.73	Concrete	11,100	-0.74
08/18/2021	15:41:13	78788.30	394757.64	40.74	Concrete	13,200	0.74
08/18/2021	15:41:14	78788.57	394757.73	40.75	Concrete	13,020	0.61
08/18/2021	15:41:15	78788.77	394757.73	40.74	Concrete	11,640	-0.36
08/18/2021	15:41:16	78788.92	394757.79	40.76	Concrete	12,720	0.40
08/18/2021	15:41:17	78788.96	394757.63	40.74	Concrete	11,340	-0.57
08/18/2021	15:41:18	78788.98	394757.52	40.73	Concrete	11,340	-0.57
08/18/2021	15:41:19	78788.88	394757.47	40.71	Concrete	11,400	-0.53
08/18/2021	15:41:20	78788.71	394757.46	40.70	Concrete	12,900	0.53
08/18/2021	15:41:21	78788.56	394757.38	40.69	Concrete	12,180	0.02
08/18/2021	15:41:22	78788.36	394757.39	40.68	Concrete	10,800	-0.95
08/18/2021	15:41:23	78788.20	394757.30	40.66	Concrete	11,100	-0.74
08/18/2021	15:41:24	78787.97	394757.34	40.64	Concrete	12,480	0.23
08/18/2021	15:41:25	78787.78	394757.26	40.63	Concrete	11,760	-0.28
08/18/2021	15:41:26	78787.55	394757.30	40.63	Concrete	12,300	0.10
08/18/2021	15:41:27	78787.38	394757.22	40.64	Concrete	11,580	-0.40
08/18/2021	15:41:28	78787.16	394757.26	40.62	Concrete	12,180	0.02
08/18/2021	15:41:29	78786.99	394757.17	40.62	Concrete	13,500	0.95
08/18/2021	15:41:30	78786.77	394757.21	40.61	Concrete	11,580	-0.40
08/18/2021	15:41:31	78786.60	394757.13	40.62	Concrete	12,480	0.23
08/18/2021	15:41:32	78786.40	394757.11	40.62	Concrete	11,220	-0.66

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08/18/2021	15:41:33	78786.23	394757.07	40.63	Concrete	12,000	-0.11
08/18/2021	15:41:34	78786.05	394757.08	40.63	Concrete	13,140	0.70
08/18/2021	15:41:35	78785.89	394757.07	40.63	Concrete	11,220	-0.66
08/18/2021	15:41:36	78785.73	394757.05	40.63	Concrete	12,660	0.36
08/18/2021	15:41:37	78785.56	394757.02	40.63	Concrete	12,000	-0.11
08/18/2021	15:41:38	78785.43	394756.98	40.64	Concrete	12,240	0.06
08/18/2021	15:41:39	78785.27	394756.99	40.64	Concrete	12,240	0.06
08/18/2021	15:41:40	78785.13	394756.94	40.65	Concrete	13,320	0.82
08/18/2021	15:41:41	78784.94	394756.91	40.64	Concrete	10,740	-1.00
08/18/2021	15:41:42	78784.81	394756.85	40.65	Concrete	11,520	-0.45
08/18/2021	15:41:43	78784.63	394756.84	40.66	Concrete	12,120	-0.02
08/18/2021	15:41:44	78784.49	394756.81	40.67	Concrete	11,340	-0.57
08/18/2021	15:41:45	78784.30	394756.83	40.68	Concrete	10,920	-0.87
08/18/2021	15:41:46	78784.11	394756.76	40.70	Concrete	11,580	-0.40
08/18/2021	15:41:47	78783.86	394756.81	40.71	Concrete	10,740	-1.00
08/18/2021	15:41:48	78783.72	394756.74	40.73	Concrete	10,560	-1.12
08/18/2021	15:41:49	78783.55	394756.76	40.74	Concrete	13,320	0.82
08/18/2021	15:41:50	78783.40	394756.68	40.73	Concrete	12,540	0.27
08/18/2021	15:41:51	78783.19	394756.70	40.73	Concrete	12,360	0.15
08/18/2021	15:41:52	78783.02	394756.62	40.71	Concrete	10,080	-1.46
08/18/2021	15:41:53	78782.84	394756.66	40.71	Concrete	11,040	-0.79
08/18/2021	15:41:54	78782.66	394756.57	40.72	Concrete	12,120	-0.02
08/18/2021	15:41:55	78782.41	394756.62	40.70	Concrete	12,060	-0.07
08/18/2021	15:41:56	78782.19	394756.54	40.70	Concrete	12,600	0.31
08/18/2021	15:41:57	78781.91	394756.58	40.68	Concrete	10,680	-1.04
08/18/2021	15:41:58	78781.69	394756.50	40.67	Concrete	11,580	-0.40
08/18/2021	15:41:59	78781.47	394756.45	40.66	Concrete	12,780	0.44
08/18/2021	15:42:00	78781.22	394756.45	40.65	Concrete	13,380	0.86
08/18/2021	15:42:01	78781.01	394756.37	40.64	Concrete	12,780	0.44
08/18/2021	15:42:02	78780.79	394756.41	40.62	Concrete	12,480	0.23
08/18/2021	15:42:03	78780.62	394756.32	40.61	Concrete	12,780	0.44
08/18/2021	15:42:04	78780.40	394756.39	40.61	Concrete	10,680	-1.04
08/18/2021	15:42:05	78780.23	394756.31	40.62	Concrete	11,580	-0.40
08/18/2021	15:42:06	78779.96	394756.36	40.61	Concrete	12,480	0.23
08/18/2021	15:42:07	78779.77	394756.28	40.61	Concrete	10,080	-1.46
08/18/2021	15:42:08	78779.55	394756.27	40.61	Concrete	11,220	-0.66
08/18/2021	15:42:09	78779.43	394756.16	40.61	Concrete	10,260	-1.34
08/18/2021	15:42:10	78779.21	394756.16	40.61	Concrete	12,000	-0.11
08/18/2021	15:42:11	78779.03	394756.08	40.60	Concrete	12,540	0.27
08/18/2021	15:42:12	78778.82	394756.14	40.60	Concrete	11,400	-0.53
08/18/2021	15:42:13	78778.58	394756.07	40.61	Concrete	12,960	0.57
08/18/2021	15:42:14	78778.34	394756.12	40.60	Concrete	12,000	-0.11
08/18/2021	15:42:15	78778.13	394755.99	40.59	Concrete	11,640	-0.36
08/18/2021	15:42:16	78777.84	394755.99	40.59	Concrete	11,700	-0.32
08/18/2021	15:42:17	78777.59	394755.91	40.59	Concrete	10,620	-1.08
08/18/2021	15:42:18	78777.31	394755.85	40.59	Concrete	13,740	1.12
08/18/2021	15:42:19	78777.01	394755.83	40.61	Concrete	13,200	0.74
08/18/2021	15:42:41	78776.50	394755.65	40.63	Concrete	11,520	-0.45
08/18/2021	15:42:42	78776.55	394755.56	40.63	Concrete	11,940	-0.15
08/18/2021	15:42:43	78776.53	394755.33	40.64	Concrete	12,540	0.27
08/18/2021	15:42:44	78776.58	394755.40	40.63	Concrete	11,700	-0.32

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08/18/2021	15:42:45	78776.62	394755.54	40.65	Concrete	11,160	-0.70
08/18/2021	15:42:46	78776.74	394755.53	40.65	Concrete	11,760	-0.28
08/18/2021	15:42:47	78776.93	394755.60	40.66	Concrete	12,240	0.06
08/18/2021	15:42:48	78777.11	394755.60	40.66	Concrete	10,980	-0.83
08/18/2021	15:42:49	78777.28	394755.67	40.68	Concrete	13,860	1.20
08/18/2021	15:42:50	78777.49	394755.66	40.68	Concrete	12,960	0.57
08/18/2021	15:42:51	78777.67	394755.71	40.69	Concrete	13,320	0.82
08/18/2021	15:42:52	78777.89	394755.76	40.70	Concrete	13,080	0.65
08/18/2021	15:42:53	78778.09	394755.80	40.71	Concrete	11,820	-0.24
08/18/2021	15:42:54	78778.26	394755.80	40.73	Concrete	10,740	-1.00
08/18/2021	15:42:55	78778.42	394755.90	40.74	Concrete	10,860	-0.91
08/18/2021	15:42:56	78778.65	394755.87	40.74	Concrete	12,120	-0.02
08/18/2021	15:42:57	78778.85	394755.96	40.75	Concrete	12,900	0.53
08/18/2021	15:42:58	78779.07	394755.92	40.79	Concrete	11,160	-0.70
08/18/2021	15:42:59	78779.26	394756.03	40.78	Concrete	13,620	1.03
08/18/2021	15:43:00	78779.48	394756.05	40.79	Concrete	12,480	0.23
08/18/2021	15:43:01	78779.67	394756.12	40.80	Concrete	10,920	-0.87
08/18/2021	15:43:02	78779.90	394756.09	40.80	Concrete	10,560	-1.12
08/18/2021	15:43:03	78780.13	394756.17	40.80	Concrete	10,380	-1.25
08/18/2021	15:43:04	78780.35	394756.12	40.78	Concrete	11,400	-0.53
08/18/2021	15:43:05	78780.52	394756.25	40.78	Concrete	11,280	-0.62
08/18/2021	15:43:06	78780.75	394756.21	40.77	Concrete	11,160	-0.70
08/18/2021	15:43:07	78780.95	394756.32	40.79	Concrete	13,380	0.86
08/18/2021	15:43:08	78781.17	394756.25	40.77	Concrete	11,100	-0.74
08/18/2021	15:43:09	78781.38	394756.31	40.78	Concrete	10,380	-1.25
08/18/2021	15:43:10	78781.66	394756.31	40.79	Concrete	10,200	-1.38
08/18/2021	15:43:11	78781.92	394756.33	40.78	Concrete	12,060	-0.07
08/18/2021	15:43:12	78782.17	394756.44	40.79	Concrete	11,760	-0.28
08/18/2021	15:43:13	78782.41	394756.41	40.78	Concrete	9,900	-1.59
08/18/2021	15:43:14	78782.57	394756.53	40.77	Concrete	11,640	-0.36
08/18/2021	15:43:15	78782.83	394756.49	40.78	Concrete	11,160	-0.70
08/18/2021	15:43:16	78783.05	394756.61	40.81	Concrete	11,040	-0.79
08/18/2021	15:43:17	78783.36	394756.57	40.81	Concrete	11,220	-0.66
08/18/2021	15:43:18	78783.57	394756.67	40.82	Concrete	11,820	-0.24
08/18/2021	15:43:19	78783.79	394756.62	40.81	Concrete	12,240	0.06
08/18/2021	15:43:20	78784.02	394756.71	40.82	Concrete	11,940	-0.15
08/18/2021	15:43:21	78784.32	394756.70	40.81	Concrete	10,260	-1.34
08/18/2021	15:43:22	78784.59	394756.73	40.79	Concrete	12,300	0.10
08/18/2021	15:43:23	78784.88	394756.79	40.78	Concrete	11,400	-0.53
08/18/2021	15:43:24	78785.11	394756.74	40.76	Concrete	14,280	1.50
08/18/2021	15:43:25	78785.33	394756.77	40.76	Concrete	11,520	-0.45
08/18/2021	15:43:26	78785.58	394756.75	40.75	Concrete	11,460	-0.49
08/18/2021	15:43:27	78785.78	394756.83	40.74	Concrete	12,780	0.44
08/18/2021	15:43:28	78786.03	394756.83	40.72	Concrete	13,800	1.16
08/18/2021	15:43:29	78786.19	394756.90	40.72	Concrete	11,760	-0.28
08/18/2021	15:43:30	78786.40	394756.89	40.69	Concrete	10,560	-1.12
08/18/2021	15:43:31	78786.57	394756.93	40.67	Concrete	10,740	-1.00
08/18/2021	15:43:32	78786.78	394756.93	40.66	Concrete	13,200	0.74
08/18/2021	15:43:33	78787.01	394756.96	40.67	Concrete	12,660	0.36
08/18/2021	15:43:34	78787.26	394756.95	40.68	Concrete	13,740	1.12
08/18/2021	15:43:35	78787.45	394757.02	40.68	Concrete	11,880	-0.19

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08/18/2021	15:43:36	78787.68	394757.06	40.69	Concrete	11,040	-0.79
08/18/2021	15:43:37	78787.90	394757.11	40.70	Concrete	12,840	0.48
08/18/2021	15:43:38	78788.11	394757.12	40.71	Concrete	13,980	1.29
08/18/2021	15:43:39	78788.34	394757.09	40.73	Concrete	11,760	-0.28
08/18/2021	15:43:40	78788.61	394757.14	40.75	Concrete	11,340	-0.57
08/18/2021	15:43:41	78788.86	394757.20	40.75	Concrete	13,320	0.82
08/18/2021	15:43:42	78788.95	394757.11	40.77	Concrete	10,440	-1.21
08/18/2021	15:43:43	78789.16	394757.00	40.76	Concrete	11,100	-0.74
08/18/2021	15:43:44	78789.14	394757.02	40.74	Concrete	11,820	-0.24
08/18/2021	15:43:45	78789.15	394756.89	40.71	Concrete	12,420	0.19
08/18/2021	15:43:46	78789.06	394756.90	40.69	Concrete	10,740	-1.00
08/18/2021	15:43:47	78788.93	394756.81	40.65	Concrete	12,000	-0.11
08/18/2021	15:43:48	78788.72	394756.92	40.63	Concrete	11,400	-0.53
08/18/2021	15:43:49	78788.58	394756.83	40.61	Concrete	12,660	0.36
08/18/2021	15:43:50	78788.39	394756.92	40.60	Concrete	12,000	-0.11
08/18/2021	15:43:51	78788.24	394756.83	40.60	Concrete	12,600	0.31
08/18/2021	15:43:52	78787.99	394756.88	40.59	Concrete	11,160	-0.70
08/18/2021	15:43:53	78787.82	394756.77	40.60	Concrete	11,340	-0.57
08/18/2021	15:43:54	78787.63	394756.84	40.59	Concrete	12,600	0.31
08/18/2021	15:43:55	78787.51	394756.75	40.59	Concrete	12,180	0.02
08/18/2021	15:43:56	78787.30	394756.86	40.59	Concrete	12,780	0.44
08/18/2021	15:43:57	78787.13	394756.72	40.59	Concrete	11,880	-0.19
08/18/2021	15:43:58	78786.91	394756.79	40.61	Concrete	12,120	-0.02
08/18/2021	15:43:59	78786.80	394756.66	40.63	Concrete	12,660	0.36
08/18/2021	15:44:00	78786.60	394756.69	40.65	Concrete	12,780	0.44
08/18/2021	15:44:01	78786.47	394756.59	40.67	Concrete	12,660	0.36
08/18/2021	15:44:02	78786.29	394756.62	40.69	Concrete	10,860	-0.91
08/18/2021	15:44:03	78786.16	394756.52	40.72	Concrete	10,860	-0.91
08/18/2021	15:44:04	78785.94	394756.56	40.74	Concrete	11,280	-0.62
08/18/2021	15:44:05	78785.83	394756.45	40.74	Concrete	10,140	-1.42
08/18/2021	15:44:06	78785.66	394756.51	40.76	Concrete	11,100	-0.74
08/18/2021	15:44:07	78785.53	394756.44	40.76	Concrete	12,120	-0.02
08/18/2021	15:44:08	78785.31	394756.46	40.75	Concrete	10,860	-0.91
08/18/2021	15:44:09	78785.15	394756.33	40.76	Concrete	10,980	-0.83
08/18/2021	15:44:10	78784.93	394756.37	40.77	Concrete	10,920	-0.87
08/18/2021	15:44:11	78784.78	394756.29	40.78	Concrete	13,560	0.99
08/18/2021	15:44:12	78784.61	394756.31	40.77	Concrete	12,420	0.19
08/18/2021	15:44:13	78784.46	394756.21	40.76	Concrete	12,600	0.31
08/18/2021	15:44:14	78784.25	394756.21	40.76	Concrete	12,120	-0.02
08/18/2021	15:44:15	78784.10	394756.11	40.76	Concrete	12,360	0.15
08/18/2021	15:44:16	78783.92	394756.19	40.77	Concrete	13,740	1.12
08/18/2021	15:44:17	78783.77	394756.11	40.79	Concrete	12,840	0.48
08/18/2021	15:44:18	78783.55	394756.15	40.78	Concrete	11,040	-0.79
08/18/2021	15:44:19	78783.36	394756.05	40.77	Concrete	15,000	2.01
08/18/2021	15:44:20	78783.18	394756.11	40.75	Concrete	11,040	-0.79
08/18/2021	15:44:21	78783.05	394756.00	40.73	Concrete	11,340	-0.57
08/18/2021	15:44:22	78782.81	394756.07	40.73	Concrete	12,300	0.10
08/18/2021	15:44:23	78782.58	394755.95	40.73	Concrete	9,960	-1.55
08/18/2021	15:44:24	78782.32	394755.98	40.74	Concrete	11,100	-0.74
08/18/2021	15:44:25	78782.13	394755.90	40.74	Concrete	12,300	0.10
08/18/2021	15:44:26	78781.99	394755.92	40.72	Concrete	12,180	0.02

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08/18/2021	15:44:27	78781.79	394755.80	40.73	Concrete	13,140	0.70
08/18/2021	15:44:28	78781.50	394755.82	40.72	Concrete	12,240	0.06
08/18/2021	15:44:29	78781.26	394755.79	40.74	Concrete	12,000	-0.11
08/18/2021	15:44:30	78781.05	394755.74	40.71	Concrete	11,760	-0.28
08/18/2021	15:44:31	78780.82	394755.76	40.69	Concrete	11,520	-0.45
08/18/2021	15:44:32	78780.68	394755.65	40.69	Concrete	11,880	-0.19
08/18/2021	15:44:33	78780.44	394755.71	40.68	Concrete	12,360	0.15
08/18/2021	15:44:34	78780.27	394755.62	40.67	Concrete	12,300	0.10
08/18/2021	15:44:35	78780.09	394755.66	40.66	Concrete	12,660	0.36
08/18/2021	15:44:36	78779.90	394755.62	40.66	Concrete	10,800	-0.95
08/18/2021	15:44:37	78779.65	394755.58	40.66	Concrete	11,460	-0.49
08/18/2021	15:44:38	78779.42	394755.51	40.66	Concrete	10,680	-1.04
08/18/2021	15:44:39	78779.18	394755.61	40.65	Concrete	11,880	-0.19
08/18/2021	15:44:40	78778.99	394755.50	40.65	Concrete	11,700	-0.32
08/18/2021	15:44:41	78778.76	394755.53	40.64	Concrete	12,000	-0.11
08/18/2021	15:44:42	78778.54	394755.41	40.64	Concrete	11,580	-0.40
08/18/2021	15:44:43	78778.25	394755.42	40.63	Concrete	14,040	1.33
08/18/2021	15:44:44	78778.04	394755.26	40.65	Concrete	11,700	-0.32
08/18/2021	15:44:45	78777.72	394755.24	40.64	Concrete	12,960	0.57
08/18/2021	15:44:46	78777.49	394755.18	40.65	Concrete	10,740	-1.00
08/18/2021	15:44:47	78777.28	394755.21	40.65	Concrete	13,800	1.16
08/18/2021	15:44:48	78777.00	394755.16	40.68	Concrete	11,160	-0.70
08/18/2021	15:44:49	78776.76	394755.21	40.70	Concrete	11,400	-0.53
08/18/2021	15:44:50	78776.77	394755.42	40.70	Concrete	11,100	-0.74
08/18/2021	15:44:51	78776.81	394755.49	40.70	Concrete	11,340	-0.57
08/18/2021	15:44:52	78776.93	394755.57	40.70	Concrete	9,960	-1.55
08/18/2021	15:44:53	78777.08	394755.62	40.71	Concrete	12,660	0.36
08/18/2021	15:44:54	78777.23	394755.67	40.71	Concrete	11,280	-0.62
08/18/2021	15:44:55	78777.41	394755.70	40.70	Concrete	11,580	-0.40
08/18/2021	15:44:56	78777.59	394755.73	40.71	Concrete	12,900	0.53
08/18/2021	15:44:57	78777.76	394755.73	40.71	Concrete	11,280	-0.62
08/18/2021	15:44:58	78777.96	394755.64	40.69	Concrete	11,820	-0.24
08/18/2021	15:44:59	78778.17	394755.71	40.71	Concrete	12,060	-0.07
08/18/2021	15:45:00	78778.39	394755.66	40.70	Concrete	11,760	-0.28
08/18/2021	15:45:01	78778.63	394755.73	40.72	Concrete	10,020	-1.50
08/18/2021	15:45:02	78778.86	394755.75	40.74	Concrete	11,280	-0.62
08/18/2021	15:45:03	78779.11	394755.75	40.74	Concrete	13,380	0.86
08/18/2021	15:45:04	78779.29	394755.87	40.75	Concrete	10,560	-1.12
08/18/2021	15:45:05	78779.54	394755.89	40.75	Concrete	12,720	0.40
08/18/2021	15:45:06	78779.74	394755.96	40.75	Concrete	11,940	-0.15
08/18/2021	15:45:07	78780.01	394755.95	40.76	Concrete	10,800	-0.95
08/18/2021	15:45:08	78780.22	394756.07	40.76	Concrete	12,540	0.27
08/18/2021	15:45:09	78780.51	394756.00	40.77	Concrete	12,900	0.53
08/18/2021	15:45:10	78780.77	394756.09	40.78	Concrete	11,280	-0.62
08/18/2021	15:45:11	78781.03	394755.98	40.79	Concrete	10,920	-0.87
08/18/2021	15:45:12	78781.22	394756.09	40.79	Concrete	10,860	-0.91
08/18/2021	15:45:13	78781.43	394756.01	40.80	Concrete	11,280	-0.62
08/18/2021	15:45:14	78781.60	394756.12	40.81	Concrete	12,180	0.02
08/18/2021	15:45:15	78781.89	394756.07	40.81	Concrete	11,880	-0.19
08/18/2021	15:45:16	78782.17	394756.18	40.81	Concrete	12,480	0.23
08/18/2021	15:45:17	78782.41	394756.17	40.81	Concrete	11,580	-0.40

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08/18/2021	15:45:18	78782.64	394756.27	40.80	Concrete	12,000	-0.11
08/18/2021	15:45:19	78782.91	394756.33	40.82	Concrete	9,300	-2.01
08/18/2021	15:45:20	78783.18	394756.33	40.82	Concrete	12,480	0.23
08/18/2021	15:45:21	78783.44	394756.38	40.82	Concrete	12,900	0.53
08/18/2021	15:45:22	78783.73	394756.34	40.80	Concrete	11,460	-0.49
08/18/2021	15:45:23	78783.99	394756.47	40.80	Concrete	12,060	-0.07
08/18/2021	15:45:24	78784.30	394756.48	40.79	Concrete	11,580	-0.40
08/18/2021	15:45:25	78784.57	394756.61	40.76	Concrete	10,800	-0.95
08/18/2021	15:45:26	78784.90	394756.65	40.75	Concrete	12,540	0.27
08/18/2021	15:45:27	78785.24	394756.65	40.74	Concrete	11,460	-0.49
08/18/2021	15:45:28	78785.51	394756.75	40.75	Concrete	12,060	-0.07
08/18/2021	15:45:29	78785.87	394756.67	40.74	Concrete	12,060	-0.07
08/18/2021	15:45:30	78786.14	394756.79	40.74	Concrete	10,860	-0.91
08/18/2021	15:45:31	78786.44	394756.67	40.74	Concrete	10,980	-0.83
08/18/2021	15:45:32	78786.70	394756.75	40.76	Concrete	12,900	0.53
08/18/2021	15:45:33	78786.99	394756.66	40.76	Concrete	11,640	-0.36
08/18/2021	15:45:34	78787.29	394756.74	40.78	Concrete	11,280	-0.62
08/18/2021	15:45:35	78787.61	394756.68	40.79	Concrete	12,480	0.23
08/18/2021	15:45:36	78787.93	394756.73	40.81	Concrete	11,220	-0.66
08/18/2021	15:45:37	78788.21	394756.77	40.83	Concrete	11,700	-0.32
08/18/2021	15:45:38	78788.53	394756.75	40.86	Concrete	14,220	1.46
08/18/2021	15:45:39	78788.78	394756.81	40.89	Concrete	12,300	0.10
08/18/2021	15:45:40	78788.89	394756.63	40.90	Concrete	13,260	0.78
08/18/2021	15:45:41	78789.06	394756.40	40.88	Concrete	12,960	0.57
08/18/2021	15:45:42	78788.97	394756.45	40.86	Concrete	12,360	0.15
08/18/2021	15:45:43	78788.89	394756.32	40.84	Concrete	11,580	-0.40
08/18/2021	15:45:44	78788.73	394756.37	40.82	Concrete	11,640	-0.36
08/18/2021	15:45:45	78788.57	394756.29	40.82	Concrete	11,040	-0.79
08/18/2021	15:45:46	78788.36	394756.35	40.82	Concrete	10,500	-1.17
08/18/2021	15:45:47	78788.18	394756.31	40.81	Concrete	10,860	-0.91
08/18/2021	15:45:48	78788.03	394756.27	40.80	Concrete	12,180	0.02
08/18/2021	15:45:49	78787.87	394756.27	40.81	Concrete	12,840	0.48
08/18/2021	15:45:50	78787.71	394756.19	40.81	Concrete	10,440	-1.21
08/18/2021	15:45:51	78787.53	394756.19	40.82	Concrete	13,080	0.65
08/18/2021	15:45:52	78787.40	394756.11	40.82	Concrete	11,460	-0.49
08/18/2021	15:45:53	78787.27	394756.08	40.83	Concrete	10,320	-1.29
08/18/2021	15:45:54	78787.10	394756.11	40.84	Concrete	12,540	0.27
08/18/2021	15:45:55	78786.94	394756.09	40.85	Concrete	10,920	-0.87
08/18/2021	15:45:56	78786.83	394756.03	40.84	Concrete	12,000	-0.11
08/18/2021	15:45:57	78786.66	394756.03	40.85	Concrete	11,520	-0.45
08/18/2021	15:45:58	78786.55	394755.92	40.85	Concrete	10,800	-0.95
08/18/2021	15:45:59	78786.33	394755.98	40.85	Concrete	10,440	-1.21
08/18/2021	15:46:00	78786.19	394755.86	40.86	Concrete	11,940	-0.15
08/18/2021	15:46:01	78785.99	394755.89	40.86	Concrete	12,360	0.15
08/18/2021	15:46:02	78785.80	394755.77	40.87	Concrete	12,240	0.06
08/18/2021	15:46:03	78785.61	394755.84	40.87	Concrete	13,140	0.70
08/18/2021	15:46:04	78785.46	394755.72	40.88	Concrete	12,180	0.02
08/18/2021	15:46:05	78785.22	394755.81	40.89	Concrete	10,680	-1.04
08/18/2021	15:46:06	78785.04	394755.69	40.89	Concrete	12,900	0.53
08/18/2021	15:46:07	78784.80	394755.72	40.87	Concrete	11,160	-0.70
08/18/2021	15:46:08	78784.60	394755.65	40.88	Concrete	10,920	-0.87

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08/18/2021	15:46:09	78784.36	394755.66	40.87	Concrete	12,060	-0.07
08/18/2021	15:46:10	78784.09	394755.59	40.87	Concrete	12,780	0.44
08/18/2021	15:46:11	78783.81	394755.54	40.90	Concrete	10,980	-0.83
08/18/2021	15:46:12	78783.56	394755.51	40.91	Concrete	11,760	-0.28
08/18/2021	15:46:13	78783.37	394755.43	40.91	Concrete	10,440	-1.21
08/18/2021	15:46:14	78783.13	394755.45	40.91	Concrete	10,020	-1.50
08/18/2021	15:46:15	78782.91	394755.33	40.90	Concrete	11,040	-0.79
08/18/2021	15:46:16	78782.60	394755.41	40.89	Concrete	9,960	-1.55
08/18/2021	15:46:17	78782.31	394755.23	40.89	Concrete	12,000	-0.11
08/18/2021	15:46:18	78782.00	394755.23	40.90	Concrete	12,300	0.10
08/18/2021	15:46:19	78781.74	394755.18	40.89	Concrete	12,900	0.53
08/18/2021	15:46:20	78781.49	394755.18	40.90	Concrete	10,800	-0.95
08/18/2021	15:46:21	78781.14	394755.18	40.89	Concrete	11,880	-0.19
08/18/2021	15:46:22	78780.80	394755.08	40.89	Concrete	13,320	0.82
08/18/2021	15:46:23	78780.52	394755.16	40.90	Concrete	12,540	0.27
08/18/2021	15:46:24	78780.37	394755.04	40.91	Concrete	11,220	-0.66
08/18/2021	15:46:25	78780.14	394755.12	40.91	Concrete	12,660	0.36
08/18/2021	15:46:26	78779.94	394755.01	40.93	Concrete	11,460	-0.49
08/18/2021	15:46:27	78779.73	394755.06	40.93	Concrete	11,160	-0.70
08/18/2021	15:46:28	78779.56	394754.97	40.93	Concrete	11,280	-0.62
08/18/2021	15:46:29	78779.34	394754.97	40.92	Concrete	11,520	-0.45
08/18/2021	15:46:30	78779.14	394754.98	40.92	Concrete	11,760	-0.28
08/18/2021	15:46:31	78778.90	394754.97	40.93	Concrete	10,740	-1.00
08/18/2021	15:46:32	78778.62	394755.01	40.92	Concrete	13,800	1.16
08/18/2021	15:46:33	78778.39	394754.86	40.93	Concrete	12,960	0.57
08/18/2021	15:46:34	78778.11	394754.92	40.92	Concrete	11,580	-0.40
08/18/2021	15:46:35	78777.89	394754.82	40.93	Concrete	13,080	0.65
08/18/2021	15:46:36	78777.64	394754.86	40.92	Concrete	13,140	0.70
08/18/2021	15:46:37	78777.36	394754.75	40.94	Concrete	10,800	-0.95
08/18/2021	15:46:38	78777.01	394754.74	40.96	Concrete	10,380	-1.25
08/18/2021	15:46:39	78776.86	394754.80	41.02	Concrete	12,780	0.44
08/18/2021	15:46:40	78776.66	394754.90	41.02	Concrete	11,280	-0.62
08/18/2021	15:46:41	78776.73	394754.90	41.02	Concrete	11,460	-0.49
08/18/2021	15:46:42	78776.77	394755.06	41.03	Concrete	12,540	0.27
08/18/2021	15:46:43	78777.00	394755.06	41.04	Concrete	11,400	-0.53
08/18/2021	15:46:44	78777.20	394755.05	41.04	Concrete	12,240	0.06
08/18/2021	15:46:45	78777.32	394755.14	41.04	Concrete	12,120	-0.02
08/18/2021	15:46:46	78777.49	394755.13	41.04	Concrete	13,020	0.61
08/18/2021	15:46:47	78777.68	394755.17	41.05	Concrete	11,460	-0.49
08/18/2021	15:46:48	78777.89	394755.14	41.05	Concrete	10,920	-0.87
08/18/2021	15:46:49	78778.10	394755.18	41.06	Concrete	11,700	-0.32
08/18/2021	15:46:50	78778.24	394755.20	41.07	Concrete	12,060	-0.07
08/18/2021	15:46:51	78778.49	394755.18	41.09	Concrete	11,520	-0.45
08/18/2021	15:46:52	78778.73	394755.20	41.09	Concrete	10,740	-1.00
08/18/2021	15:46:53	78778.92	394755.27	41.11	Concrete	11,700	-0.32
08/18/2021	15:46:54	78779.18	394755.24	41.12	Concrete	10,740	-1.00
08/18/2021	15:46:55	78779.38	394755.33	41.12	Concrete	12,420	0.19
08/18/2021	15:46:56	78779.56	394755.24	41.13	Concrete	12,180	0.02
08/18/2021	15:46:57	78779.69	394755.32	41.14	Concrete	12,300	0.10
08/18/2021	15:46:58	78779.93	394755.34	41.15	Concrete	12,480	0.23
08/18/2021	15:46:59	78780.13	394755.45	41.16	Concrete	12,180	0.02

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08/18/2021	15:47:00	78780.38	394755.47	41.18	Concrete	11,760	-0.28
08/18/2021	15:47:01	78780.61	394755.62	41.20	Concrete	11,820	-0.24
08/18/2021	15:47:02	78780.93	394755.60	41.21	Concrete	10,680	-1.04
08/18/2021	15:47:03	78781.17	394755.69	41.22	Concrete	10,620	-1.08
08/18/2021	15:47:04	78781.39	394755.58	41.22	Concrete	12,900	0.53
08/18/2021	15:47:05	78781.50	394755.68	41.22	Concrete	10,620	-1.08
08/18/2021	15:47:06	78781.77	394755.58	41.23	Concrete	10,200	-1.38
08/18/2021	15:47:07	78781.93	394755.67	41.23	Concrete	12,960	0.57
08/18/2021	15:47:08	78782.15	394755.62	41.24	Concrete	12,420	0.19
08/18/2021	15:47:09	78782.36	394755.72	41.26	Concrete	12,060	-0.07
08/18/2021	15:47:10	78782.62	394755.64	41.25	Concrete	12,960	0.57
08/18/2021	15:47:11	78782.79	394755.76	41.28	Concrete	9,360	-1.97
08/18/2021	15:47:12	78783.10	394755.78	41.30	Concrete	10,860	-0.91
08/18/2021	15:47:13	78783.34	394755.93	41.29	Concrete	12,240	0.06
08/18/2021	15:47:14	78783.66	394755.87	41.27	Concrete	10,320	-1.29
08/18/2021	15:47:15	78783.88	394756.04	41.27	Concrete	11,820	-0.24
08/18/2021	15:47:16	78784.12	394755.95	41.25	Concrete	12,420	0.19
08/18/2021	15:47:17	78784.39	394756.10	41.25	Concrete	11,220	-0.66
08/18/2021	15:47:18	78784.68	394756.05	41.23	Concrete	12,780	0.44
08/18/2021	15:47:19	78784.90	394756.19	41.22	Concrete	11,640	-0.36
08/18/2021	15:47:20	78785.20	394756.16	41.19	Concrete	10,680	-1.04
08/18/2021	15:47:21	78785.46	394756.30	41.19	Concrete	11,340	-0.57
08/18/2021	15:47:22	78785.78	394756.32	41.17	Concrete	13,080	0.65
08/18/2021	15:47:23	78786.03	394756.38	41.17	Concrete	12,300	0.10
08/18/2021	15:47:24	78786.28	394756.42	41.17	Concrete	11,820	-0.24
08/18/2021	15:47:25	78786.53	394756.44	41.17	Concrete	9,840	-1.63
08/18/2021	15:47:26	78786.80	394756.47	41.16	Concrete	12,360	0.15
08/18/2021	15:47:27	78787.12	394756.52	41.17	Concrete	13,020	0.61
08/18/2021	15:47:28	78787.39	394756.57	41.17	Concrete	10,920	-0.87
08/18/2021	15:47:29	78787.64	394756.56	41.17	Concrete	10,980	-0.83
08/18/2021	15:47:30	78787.95	394756.66	41.19	Concrete	12,600	0.31
08/18/2021	15:47:31	78788.27	394756.64	41.21	Concrete	12,780	0.44
08/18/2021	15:47:32	78788.55	394756.78	41.21	Concrete	10,320	-1.29
08/18/2021	15:47:33	78788.67	394756.67	41.21	Concrete	10,740	-1.00
08/18/2021	15:47:34	78788.80	394756.44	41.22	Concrete	13,140	0.70
08/18/2021	15:47:35	78788.68	394756.29	41.20	Concrete	13,140	0.70
08/18/2021	15:47:36	78788.52	394756.33	41.20	Concrete	12,060	-0.07
08/18/2021	15:47:37	78788.32	394756.18	41.20	Concrete	11,700	-0.32
08/18/2021	15:47:38	78788.09	394756.25	41.20	Concrete	11,880	-0.19
08/18/2021	15:47:39	78787.84	394756.15	41.19	Concrete	11,280	-0.62
08/18/2021	15:47:40	78787.56	394756.18	41.21	Concrete	12,300	0.10
08/18/2021	15:47:41	78787.37	394756.01	41.21	Concrete	12,420	0.19
08/18/2021	15:47:42	78787.14	394756.10	41.22	Concrete	11,340	-0.57
08/18/2021	15:47:43	78786.92	394755.98	41.23	Concrete	13,020	0.61
08/18/2021	15:47:44	78786.67	394756.02	41.24	Concrete	11,220	-0.66
08/18/2021	15:47:45	78786.52	394755.93	41.25	Concrete	9,960	-1.55
08/18/2021	15:47:46	78786.23	394755.97	41.25	Concrete	13,320	0.82
08/18/2021	15:47:47	78785.96	394755.96	41.26	Concrete	11,760	-0.28
08/18/2021	15:47:48	78785.73	394755.91	41.27	Concrete	11,880	-0.19
08/18/2021	15:47:49	78785.43	394755.97	41.27	Concrete	11,700	-0.32
08/18/2021	15:47:50	78785.18	394755.89	41.28	Concrete	11,220	-0.66

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08/18/2021	15:47:51	78784.86	394755.98	41.27	Concrete	11,820	-0.24
08/18/2021	15:47:52	78784.60	394755.89	41.27	Concrete	10,680	-1.04
08/18/2021	15:47:53	78784.36	394755.96	41.28	Concrete	11,940	-0.15
08/18/2021	15:47:54	78784.09	394755.88	41.29	Concrete	11,460	-0.49
08/18/2021	15:47:55	78783.84	394755.88	41.29	Concrete	12,120	-0.02
08/18/2021	15:47:56	78783.61	394755.82	41.33	Concrete	9,960	-1.55
08/18/2021	15:47:57	78783.43	394755.77	41.33	Concrete	11,040	-0.79
08/18/2021	15:47:58	78783.31	394755.74	41.32	Concrete	14,700	1.80
08/18/2021	15:47:59	78783.13	394755.76	41.30	Concrete	12,180	0.02
08/18/2021	15:48:00	78782.91	394755.71	41.31	Concrete	10,980	-0.83
08/18/2021	15:48:01	78782.71	394755.67	41.30	Concrete	11,520	-0.45
08/18/2021	15:48:02	78782.45	394755.64	41.30	Concrete	11,640	-0.36
08/18/2021	15:48:03	78782.25	394755.50	41.30	Concrete	12,780	0.44
08/18/2021	15:48:04	78782.05	394755.49	41.31	Concrete	12,600	0.31
08/18/2021	15:48:05	78781.89	394755.36	41.31	Concrete	11,340	-0.57
08/18/2021	15:48:06	78781.65	394755.41	41.31	Concrete	12,480	0.23
08/18/2021	15:48:07	78781.48	394755.29	41.32	Concrete	11,820	-0.24
08/18/2021	15:48:08	78781.25	394755.37	41.32	Concrete	11,700	-0.32
08/18/2021	15:48:09	78781.02	394755.24	41.31	Concrete	12,480	0.23
08/18/2021	15:48:10	78780.73	394755.31	41.29	Concrete	13,200	0.74
08/18/2021	15:48:11	78780.52	394755.14	41.29	Concrete	12,540	0.27
08/18/2021	15:48:12	78780.18	394755.18	41.27	Concrete	12,600	0.31
08/18/2021	16:15:32	78776.55	394754.51	40.74	Concrete	11,700	-0.32
08/18/2021	16:15:33	78776.59	394754.55	40.71	Concrete	11,520	-0.45
08/18/2021	16:15:34	78776.73	394754.54	40.71	Concrete	11,580	-0.40
08/18/2021	16:15:35	78776.92	394754.59	40.71	Concrete	12,600	0.31
08/18/2021	16:15:36	78777.10	394754.62	40.71	Concrete	12,600	0.31
08/18/2021	16:15:37	78777.24	394754.70	40.71	Concrete	11,640	-0.36
08/18/2021	16:15:38	78777.43	394754.77	40.72	Concrete	12,840	0.48
08/18/2021	16:15:39	78777.65	394754.80	40.71	Concrete	11,580	-0.40
08/18/2021	16:15:40	78777.88	394754.83	40.74	Concrete	12,180	0.02
08/18/2021	16:15:41	78778.13	394754.82	40.75	Concrete	13,140	0.70
08/18/2021	16:15:42	78778.39	394754.84	40.77	Concrete	12,300	0.10
08/18/2021	16:15:43	78778.64	394754.86	40.77	Concrete	12,600	0.31
08/18/2021	16:15:44	78778.89	394754.94	40.76	Concrete	9,600	-1.80
08/18/2021	16:15:45	78779.15	394754.95	40.77	Concrete	13,500	0.95
08/18/2021	16:15:46	78779.43	394754.99	40.76	Concrete	12,780	0.44
08/18/2021	16:15:47	78779.71	394754.96	40.75	Concrete	11,280	-0.62
08/18/2021	16:15:48	78780.02	394754.96	40.78	Concrete	12,840	0.48
08/18/2021	16:15:49	78780.37	394754.99	40.86	Concrete	11,700	-0.32
08/18/2021	16:15:50	78780.68	394755.05	40.91	Concrete	12,360	0.15
08/18/2021	16:15:51	78780.98	394755.11	40.94	Concrete	12,780	0.44
08/18/2021	16:15:52	78781.33	394755.13	40.95	Concrete	12,360	0.15
08/18/2021	16:15:53	78781.71	394755.24	40.98	Concrete	14,340	1.54
08/18/2021	16:15:54	78782.10	394755.27	40.99	Concrete	11,160	-0.70
08/18/2021	16:15:55	78782.44	394755.37	41.00	Concrete	11,400	-0.53
08/18/2021	16:15:56	78782.78	394755.36	40.97	Concrete	10,080	-1.46
08/18/2021	16:15:57	78783.04	394755.36	40.94	Concrete	10,740	-1.00
08/18/2021	16:15:58	78783.32	394755.35	40.94	Concrete	11,340	-0.57
08/18/2021	16:15:59	78783.65	394755.37	40.92	Concrete	11,700	-0.32
08/18/2021	16:16:00	78783.99	394755.43	40.90	Concrete	13,260	0.78

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08/18/2021	16:16:01	78784.38	394755.41	40.91	Concrete	12,240	0.06
08/18/2021	16:16:02	78784.69	394755.45	40.91	Concrete	10,320	-1.29
08/18/2021	16:16:03	78785.00	394755.48	40.91	Concrete	12,360	0.15
08/18/2021	16:16:04	78785.31	394755.57	40.91	Concrete	12,780	0.44
08/18/2021	16:16:05	78785.66	394755.61	40.92	Concrete	12,900	0.53
08/18/2021	16:16:06	78785.99	394755.69	40.92	Concrete	11,340	-0.57
08/18/2021	16:16:07	78786.30	394755.69	40.93	Concrete	12,660	0.36
08/18/2021	16:16:08	78786.64	394755.70	40.92	Concrete	10,800	-0.95
08/18/2021	16:16:09	78786.96	394755.72	40.94	Concrete	11,880	-0.19
08/18/2021	16:16:10	78787.29	394755.69	40.93	Concrete	13,680	1.08
08/18/2021	16:16:11	78787.64	394755.75	40.92	Concrete	10,980	-0.83
08/18/2021	16:16:12	78788.03	394755.69	40.93	Concrete	13,440	0.91
08/18/2021	16:16:13	78788.32	394755.75	40.92	Concrete	12,000	-0.11
08/18/2021	16:16:14	78788.59	394755.79	40.92	Concrete	10,740	-1.00
08/18/2021	16:16:15	78788.72	394755.85	40.90	Concrete	12,780	0.44
08/18/2021	16:16:16	78788.72	394755.97	40.89	Concrete	11,700	-0.32
08/18/2021	16:16:17	78788.87	394755.85	40.89	Concrete	12,600	0.31
08/18/2021	16:16:18	78789.11	394755.77	40.88	Concrete	11,400	-0.53
08/18/2021	16:16:19	78789.24	394755.86	40.88	Concrete	11,100	-0.74
08/18/2021	16:16:20	78789.28	394756.04	40.88	Concrete	10,500	-1.17
08/18/2021	16:16:21	78789.28	394756.08	40.87	Concrete	11,400	-0.53
08/18/2021	16:16:22	78789.22	394756.08	40.85	Concrete	11,760	-0.28
08/18/2021	16:16:23	78789.05	394756.13	40.83	Concrete	12,900	0.53
08/18/2021	16:16:24	78788.82	394756.11	40.81	Concrete	11,580	-0.40
08/18/2021	16:16:25	78788.56	394756.05	40.81	Concrete	10,680	-1.04
08/18/2021	16:16:26	78788.30	394756.03	40.80	Concrete	11,820	-0.24
08/18/2021	16:16:27	78788.06	394756.01	40.80	Concrete	10,740	-1.00
08/18/2021	16:16:28	78787.79	394756.01	40.80	Concrete	11,100	-0.74
08/18/2021	16:16:29	78787.51	394756.01	40.80	Concrete	11,580	-0.40
08/18/2021	16:16:30	78787.27	394756.17	40.78	Concrete	10,800	-0.95
08/18/2021	16:16:31	78787.11	394756.32	40.78	Concrete	11,160	-0.70
08/18/2021	16:16:32	78786.94	394756.32	40.78	Concrete	13,500	0.95
08/18/2021	16:16:33	78786.76	394756.29	40.78	Concrete	12,120	-0.02
08/18/2021	16:16:34	78786.54	394756.26	40.77	Concrete	11,700	-0.32
08/18/2021	16:16:35	78786.32	394756.22	40.77	Concrete	11,400	-0.53
08/18/2021	16:16:36	78786.08	394756.15	40.77	Concrete	12,300	0.10
08/18/2021	16:16:37	78785.80	394756.09	40.75	Concrete	10,980	-0.83
08/18/2021	16:16:38	78785.53	394756.00	40.75	Concrete	11,400	-0.53
08/18/2021	16:16:39	78785.22	394755.92	40.74	Concrete	10,920	-0.87
08/18/2021	16:16:40	78784.94	394755.76	40.74	Concrete	11,520	-0.45
08/18/2021	16:16:41	78784.63	394755.63	40.73	Concrete	11,820	-0.24
08/18/2021	16:16:42	78784.36	394755.46	40.73	Concrete	11,520	-0.45
08/18/2021	16:16:43	78784.07	394755.37	40.74	Concrete	13,980	1.29
08/18/2021	16:16:44	78783.81	394755.28	40.75	Concrete	10,620	-1.08
08/18/2021	16:16:45	78783.51	394755.21	40.75	Concrete	11,040	-0.79
08/18/2021	16:16:46	78783.22	394755.16	40.73	Concrete	10,620	-1.08
08/18/2021	16:16:47	78782.90	394755.10	40.73	Concrete	9,660	-1.76
08/18/2021	16:16:48	78782.54	394755.09	40.72	Concrete	12,000	-0.11
08/18/2021	16:16:49	78782.24	394755.04	40.71	Concrete	11,400	-0.53
08/18/2021	16:16:50	78781.95	394755.06	40.71	Concrete	11,580	-0.40
08/18/2021	16:16:51	78781.68	394755.01	40.70	Concrete	12,000	-0.11

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08/18/2021	16:16:52	78781.39	394754.98	40.70	Concrete	11,640	-0.36
08/18/2021	16:16:53	78781.13	394754.99	40.68	Concrete	12,900	0.53
08/18/2021	16:16:54	78780.91	394755.03	40.69	Concrete	11,880	-0.19
08/18/2021	16:16:55	78780.71	394755.02	40.66	Concrete	11,340	-0.57
08/18/2021	16:16:56	78780.51	394755.00	40.65	Concrete	10,860	-0.91
08/18/2021	16:16:57	78780.24	394754.98	40.64	Concrete	11,700	-0.32
08/18/2021	16:16:58	78779.98	394754.98	40.65	Concrete	13,380	0.86
08/18/2021	16:16:59	78779.75	394754.97	40.63	Concrete	11,460	-0.49
08/18/2021	16:17:00	78779.52	394754.91	40.63	Concrete	12,900	0.53
08/18/2021	16:17:01	78779.29	394754.86	40.61	Concrete	10,860	-0.91
08/18/2021	16:17:02	78779.09	394754.84	40.61	Concrete	13,620	1.03
08/18/2021	16:17:03	78778.89	394754.83	40.60	Concrete	11,400	-0.53
08/18/2021	16:17:04	78778.71	394754.80	40.60	Concrete	10,740	-1.00
08/18/2021	16:17:05	78778.51	394754.80	40.58	Concrete	12,000	-0.11
08/18/2021	16:17:06	78778.31	394754.73	40.57	Concrete	10,440	-1.21
08/18/2021	16:17:07	78778.11	394754.70	40.57	Concrete	11,640	-0.36
08/18/2021	16:17:08	78777.93	394754.73	40.58	Concrete	12,060	-0.07
08/18/2021	16:17:09	78777.75	394754.74	40.59	Concrete	10,800	-0.95
08/18/2021	16:17:10	78777.55	394754.71	40.59	Concrete	11,700	-0.32
08/18/2021	16:17:11	78777.33	394754.73	40.60	Concrete	11,760	-0.28
08/18/2021	16:17:12	78777.15	394754.68	40.61	Concrete	11,820	-0.24
08/18/2021	16:17:13	78776.92	394754.46	40.60	Concrete	12,360	0.15
08/18/2021	16:17:14	78776.80	394754.27	40.60	Concrete	11,520	-0.45
08/18/2021	16:17:15	78776.82	394754.26	40.60	Concrete	13,680	1.08
08/18/2021	16:17:16	78776.84	394754.32	40.59	Concrete	12,660	0.36
08/18/2021	16:17:17	78776.97	394754.36	40.60	Concrete	11,460	-0.49
08/18/2021	16:17:18	78777.17	394754.42	40.59	Concrete	12,000	-0.11
08/18/2021	16:17:19	78777.36	394754.51	40.60	Concrete	13,260	0.78
08/18/2021	16:17:20	78777.56	394754.54	40.59	Concrete	10,800	-0.95
08/18/2021	16:17:21	78777.77	394754.57	40.57	Concrete	10,680	-1.04
08/18/2021	16:17:22	78778.01	394754.56	40.57	Concrete	11,280	-0.62
08/18/2021	16:17:23	78778.23	394754.57	40.56	Concrete	11,040	-0.79
08/18/2021	16:17:24	78778.50	394754.60	40.58	Concrete	10,920	-0.87
08/18/2021	16:17:25	78778.73	394754.63	40.59	Concrete	10,800	-0.95
08/18/2021	16:17:26	78778.99	394754.66	40.60	Concrete	10,260	-1.34
08/18/2021	16:17:27	78779.22	394754.72	40.60	Concrete	13,500	0.95
08/18/2021	16:17:28	78779.43	394754.75	40.61	Concrete	12,420	0.19
08/18/2021	16:17:29	78779.65	394754.79	40.62	Concrete	14,400	1.58
08/18/2021	16:17:30	78779.87	394754.83	40.64	Concrete	12,660	0.36
08/18/2021	16:17:31	78780.07	394754.86	40.65	Concrete	12,420	0.19
08/18/2021	16:17:32	78780.25	394754.89	40.66	Concrete	12,000	-0.11
08/18/2021	16:17:33	78780.48	394754.90	40.65	Concrete	10,440	-1.21
08/18/2021	16:17:34	78780.75	394754.95	40.66	Concrete	11,760	-0.28
08/18/2021	16:17:35	78781.02	394754.94	40.66	Concrete	10,740	-1.00
08/18/2021	16:17:36	78781.29	394754.95	40.67	Concrete	12,000	-0.11
08/18/2021	16:17:37	78781.54	394754.91	40.67	Concrete	11,280	-0.62
08/18/2021	16:17:38	78781.78	394754.94	40.66	Concrete	11,040	-0.79
08/18/2021	16:17:39	78782.03	394754.99	40.68	Concrete	10,560	-1.12
08/18/2021	16:17:40	78782.27	394755.04	40.67	Concrete	10,560	-1.12
08/18/2021	16:17:41	78782.51	394755.09	40.67	Concrete	12,120	-0.02
08/18/2021	16:17:42	78782.79	394755.12	40.66	Concrete	12,240	0.06

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08/18/2021	16:17:43	78783.10	394755.17	40.67	Concrete	12,180	0.02
08/18/2021	16:17:44	78783.47	394755.12	40.67	Concrete	11,700	-0.32
08/18/2021	16:17:45	78783.75	394755.15	40.66	Concrete	12,540	0.27
08/18/2021	16:17:46	78784.05	394755.20	40.65	Concrete	11,280	-0.62
08/18/2021	16:17:47	78784.32	394755.25	40.64	Concrete	11,880	-0.19
08/18/2021	16:17:48	78784.55	394755.29	40.64	Concrete	11,220	-0.66
08/18/2021	16:17:49	78784.80	394755.30	40.64	Concrete	10,500	-1.17
08/18/2021	16:17:50	78785.06	394755.33	40.65	Concrete	11,100	-0.74
08/18/2021	16:17:51	78785.31	394755.34	40.63	Concrete	12,540	0.27
08/18/2021	16:17:52	78785.57	394755.39	40.64	Concrete	12,660	0.36
08/18/2021	16:17:53	78785.86	394755.39	40.63	Concrete	11,040	-0.79
08/18/2021	16:17:54	78786.11	394755.44	40.63	Concrete	11,580	-0.40
08/18/2021	16:17:55	78786.37	394755.48	40.63	Concrete	11,760	-0.28
08/18/2021	16:17:56	78786.62	394755.52	40.63	Concrete	10,020	-1.50
08/18/2021	16:17:57	78786.90	394755.52	40.62	Concrete	11,100	-0.74
08/18/2021	16:17:58	78787.13	394755.54	40.61	Concrete	11,460	-0.49
08/18/2021	16:17:59	78787.36	394755.57	40.61	Concrete	12,180	0.02
08/18/2021	16:18:00	78787.61	394755.66	40.60	Concrete	11,100	-0.74
08/18/2021	16:18:01	78787.86	394755.69	40.61	Concrete	10,500	-1.17
08/18/2021	16:18:02	78788.13	394755.68	40.59	Concrete	9,900	-1.59
08/18/2021	16:18:03	78788.41	394755.72	40.60	Concrete	11,880	-0.19
08/18/2021	16:18:04	78788.74	394755.75	40.62	Concrete	11,220	-0.66
08/18/2021	16:18:05	78788.98	394755.72	40.59	Concrete	10,500	-1.17
08/18/2021	16:18:06	78789.19	394755.58	40.59	Concrete	10,740	-1.00
08/18/2021	16:18:07	78789.27	394755.57	40.59	Concrete	12,840	0.48
08/18/2021	16:18:08	78789.24	394755.53	40.59	Concrete	9,840	-1.63
08/18/2021	16:18:09	78789.23	394755.46	40.58	Concrete	12,660	0.36
08/18/2021	16:18:10	78789.13	394755.49	40.59	Concrete	12,960	0.57
08/18/2021	16:18:11	78788.96	394755.52	40.58	Concrete	9,840	-1.63
08/18/2021	16:18:12	78788.78	394755.48	40.58	Concrete	10,740	-1.00
08/18/2021	16:18:13	78788.59	394755.46	40.58	Concrete	13,140	0.70
08/18/2021	16:18:14	78788.42	394755.43	40.58	Concrete	12,300	0.10
08/18/2021	16:18:15	78788.26	394755.42	40.59	Concrete	12,660	0.36
08/18/2021	16:18:16	78788.09	394755.41	40.58	Concrete	11,700	-0.32
08/18/2021	16:18:17	78787.90	394755.39	40.58	Concrete	13,800	1.16
08/18/2021	16:18:18	78787.70	394755.39	40.58	Concrete	12,180	0.02
08/18/2021	16:18:19	78787.51	394755.37	40.58	Concrete	11,640	-0.36
08/18/2021	16:18:20	78787.30	394755.34	40.57	Concrete	12,420	0.19
08/18/2021	16:18:21	78787.10	394755.31	40.55	Concrete	13,080	0.65
08/18/2021	16:18:22	78786.92	394755.27	40.55	Concrete	12,720	0.40
08/18/2021	16:18:23	78786.73	394755.27	40.54	Concrete	12,000	-0.11
08/18/2021	16:18:24	78786.57	394755.27	40.53	Concrete	12,540	0.27
08/18/2021	16:18:25	78786.41	394755.27	40.53	Concrete	10,740	-1.00
08/18/2021	16:18:26	78786.24	394755.23	40.53	Concrete	11,400	-0.53
08/18/2021	16:18:27	78786.05	394755.24	40.53	Concrete	11,820	-0.24
08/18/2021	16:18:28	78785.89	394755.22	40.53	Concrete	11,880	-0.19
08/18/2021	16:18:29	78785.70	394755.20	40.54	Concrete	11,700	-0.32
08/18/2021	16:18:30	78785.49	394755.20	40.53	Concrete	11,100	-0.74
08/18/2021	16:18:31	78785.29	394755.19	40.55	Concrete	11,760	-0.28
08/18/2021	16:18:32	78785.05	394755.20	40.55	Concrete	10,620	-1.08
08/18/2021	16:18:33	78784.80	394755.14	40.55	Concrete	12,420	0.19

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08/18/2021	16:18:34	78784.54	394755.14	40.55	Concrete	11,520	-0.45
08/18/2021	16:18:35	78784.29	394755.10	40.55	Concrete	11,220	-0.66
08/18/2021	16:18:36	78784.08	394755.08	40.55	Concrete	11,940	-0.15
08/18/2021	16:18:37	78783.85	394755.10	40.56	Concrete	11,880	-0.19
08/18/2021	16:18:38	78783.60	394755.04	40.56	Concrete	11,580	-0.40
08/18/2021	16:18:39	78783.36	394755.01	40.54	Concrete	11,160	-0.70
08/18/2021	16:18:40	78783.10	394754.92	40.53	Concrete	11,340	-0.57
08/18/2021	16:18:41	78782.82	394754.88	40.52	Concrete	10,080	-1.46
08/18/2021	16:18:42	78782.55	394754.82	40.52	Concrete	11,460	-0.49
08/18/2021	16:18:43	78782.28	394754.79	40.51	Concrete	10,020	-1.50
08/18/2021	16:18:44	78782.03	394754.76	40.50	Concrete	12,540	0.27
08/18/2021	16:18:45	78781.76	394754.72	40.50	Concrete	10,800	-0.95
08/18/2021	16:18:46	78781.50	394754.71	40.48	Concrete	12,240	0.06
08/18/2021	16:18:47	78781.25	394754.69	40.48	Concrete	12,000	-0.11
08/18/2021	16:18:48	78781.00	394754.67	40.47	Concrete	12,840	0.48
08/18/2021	16:18:49	78780.75	394754.63	40.48	Concrete	12,720	0.40
08/18/2021	16:18:50	78780.45	394754.68	40.48	Concrete	12,420	0.19
08/18/2021	16:18:51	78780.18	394754.65	40.49	Concrete	10,740	-1.00
08/18/2021	16:18:52	78779.95	394754.63	40.50	Concrete	11,280	-0.62
08/18/2021	16:18:53	78779.72	394754.60	40.50	Concrete	11,580	-0.40
08/18/2021	16:18:54	78779.48	394754.54	40.51	Concrete	12,060	-0.07
08/18/2021	16:18:55	78779.20	394754.54	40.50	Concrete	12,180	0.02
08/18/2021	16:18:56	78778.96	394754.45	40.50	Concrete	11,220	-0.66
08/18/2021	16:18:57	78778.70	394754.41	40.51	Concrete	11,280	-0.62
08/18/2021	16:18:58	78778.44	394754.35	40.50	Concrete	12,420	0.19
08/18/2021	16:18:59	78778.19	394754.32	40.52	Concrete	11,520	-0.45
08/18/2021	16:19:00	78777.94	394754.32	40.51	Concrete	12,180	0.02
08/18/2021	16:19:01	78777.66	394754.26	40.51	Concrete	12,420	0.19
08/18/2021	16:19:02	78777.33	394754.26	40.54	Concrete	11,040	-0.79
08/18/2021	16:19:03	78777.07	394754.18	40.57	Concrete	11,100	-0.74
08/18/2021	16:19:04	78776.83	394754.09	40.58	Concrete	11,640	-0.36
08/18/2021	16:19:05	78776.67	394753.93	40.58	Concrete	11,520	-0.45
08/18/2021	16:19:06	78776.69	394753.74	40.58	Concrete	12,900	0.53
08/18/2021	16:19:07	78776.73	394753.72	40.56	Concrete	12,540	0.27
08/18/2021	16:19:08	78776.85	394753.77	40.56	Concrete	11,160	-0.70
08/18/2021	16:19:09	78777.03	394753.84	40.55	Concrete	10,260	-1.34
08/18/2021	16:19:10	78777.22	394753.85	40.54	Concrete	13,200	0.74
08/18/2021	16:19:11	78777.40	394753.87	40.55	Concrete	13,620	1.03
08/18/2021	16:19:12	78777.58	394753.91	40.55	Concrete	12,720	0.40
08/18/2021	16:19:13	78777.78	394753.91	40.55	Concrete	10,920	-0.87
08/18/2021	16:19:14	78777.99	394753.93	40.55	Concrete	13,020	0.61
08/18/2021	16:19:15	78778.19	394753.92	40.54	Concrete	10,440	-1.21
08/18/2021	16:19:16	78778.37	394753.96	40.54	Concrete	12,780	0.44
08/18/2021	16:19:17	78778.59	394753.97	40.54	Concrete	11,400	-0.53
08/18/2021	16:19:18	78778.81	394754.03	40.54	Concrete	13,080	0.65
08/18/2021	16:19:19	78779.03	394754.09	40.54	Concrete	10,320	-1.29
08/18/2021	16:19:20	78779.28	394754.13	40.54	Concrete	11,760	-0.28
08/18/2021	16:19:21	78779.53	394754.21	40.54	Concrete	11,460	-0.49
08/18/2021	16:19:22	78779.81	394754.22	40.54	Concrete	12,060	-0.07
08/18/2021	16:19:23	78780.07	394754.27	40.54	Concrete	11,100	-0.74
08/18/2021	16:19:24	78780.36	394754.30	40.55	Concrete	12,120	-0.02

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08/18/2021	16:19:25	78780.64	394754.35	40.55	Concrete	11,640	-0.36
08/18/2021	16:19:26	78780.91	394754.42	40.56	Concrete	11,880	-0.19
08/18/2021	16:19:27	78781.20	394754.44	40.58	Concrete	12,360	0.15
08/18/2021	16:19:28	78781.43	394754.48	40.59	Concrete	12,960	0.57
08/18/2021	16:19:29	78781.70	394754.47	40.62	Concrete	11,340	-0.57
08/18/2021	16:19:30	78781.96	394754.53	40.62	Concrete	11,640	-0.36
08/18/2021	16:19:31	78782.20	394754.59	40.62	Concrete	11,640	-0.36
08/18/2021	16:19:32	78782.45	394754.62	40.63	Concrete	9,840	-1.63
08/18/2021	16:19:33	78782.77	394754.61	40.64	Concrete	10,680	-1.04
08/18/2021	16:19:34	78783.04	394754.66	40.65	Concrete	11,580	-0.40
08/18/2021	16:19:35	78783.32	394754.72	40.66	Concrete	9,060	-2.18
08/18/2021	16:19:36	78783.64	394754.73	40.63	Concrete	11,520	-0.45
08/18/2021	16:19:37	78783.96	394754.81	40.62	Concrete	11,220	-0.66
08/18/2021	16:19:38	78784.31	394754.83	40.63	Concrete	9,960	-1.55
08/18/2021	16:19:39	78784.63	394754.90	40.65	Concrete	10,500	-1.17
08/18/2021	16:19:40	78784.90	394754.96	40.64	Concrete	10,920	-0.87
08/18/2021	16:19:41	78785.17	394754.96	40.64	Concrete	13,200	0.74
08/18/2021	16:19:42	78785.46	394755.06	40.65	Concrete	13,320	0.82
08/18/2021	16:19:43	78785.77	394755.08	40.63	Concrete	12,660	0.36
08/18/2021	16:19:44	78786.06	394755.15	40.63	Concrete	13,680	1.08
08/18/2021	16:19:45	78786.36	394755.14	40.63	Concrete	10,380	-1.25
08/18/2021	16:19:46	78786.64	394755.16	40.63	Concrete	13,080	0.65
08/18/2021	16:19:47	78786.92	394755.17	40.64	Concrete	12,900	0.53
08/18/2021	16:19:48	78787.24	394755.16	40.65	Concrete	13,020	0.61
08/18/2021	16:19:49	78787.55	394755.19	40.66	Concrete	13,080	0.65
08/18/2021	16:19:50	78787.86	394755.22	40.65	Concrete	11,460	-0.49
08/18/2021	16:19:51	78788.16	394755.32	40.66	Concrete	12,540	0.27
08/18/2021	16:19:52	78788.52	394755.34	40.67	Concrete	12,120	-0.02
08/18/2021	16:19:53	78788.84	394755.47	40.70	Concrete	12,480	0.23
08/18/2021	16:19:54	78789.00	394755.56	40.68	Concrete	11,700	-0.32
08/18/2021	16:19:55	78789.07	394755.47	40.68	Concrete	10,920	-0.87
08/18/2021	16:19:56	78789.11	394755.38	40.68	Concrete	11,940	-0.15
08/18/2021	16:19:57	78788.94	394755.35	40.69	Concrete	11,880	-0.19
08/18/2021	16:19:58	78788.73	394755.28	40.68	Concrete	12,240	0.06
08/18/2021	16:19:59	78788.49	394755.22	40.69	Concrete	12,060	-0.07
08/18/2021	16:20:00	78788.23	394755.21	40.68	Concrete	10,200	-1.38
08/18/2021	16:20:01	78787.95	394755.17	40.69	Concrete	9,780	-1.67
08/18/2021	16:20:02	78787.61	394755.16	40.69	Concrete	11,640	-0.36
08/18/2021	16:20:03	78787.32	394755.08	40.69	Concrete	10,380	-1.25
08/18/2021	16:20:04	78787.03	394755.05	40.68	Concrete	13,500	0.95
08/18/2021	16:20:05	78786.76	394754.98	40.68	Concrete	12,360	0.15
08/18/2021	16:20:06	78786.44	394754.96	40.69	Concrete	11,460	-0.49
08/18/2021	16:20:07	78786.16	394754.91	40.68	Concrete	12,900	0.53
08/18/2021	16:20:08	78785.92	394754.86	40.70	Concrete	11,280	-0.62
08/18/2021	16:20:09	78785.66	394754.86	40.69	Concrete	12,240	0.06
08/18/2021	16:20:10	78785.42	394754.80	40.70	Concrete	10,620	-1.08
08/18/2021	16:20:11	78785.18	394754.80	40.69	Concrete	10,560	-1.12
08/18/2021	16:20:12	78784.95	394754.76	40.70	Concrete	11,940	-0.15
08/18/2021	16:20:13	78784.68	394754.76	40.70	Concrete	11,400	-0.53
08/18/2021	16:20:14	78784.44	394754.71	40.71	Concrete	13,200	0.74
08/18/2021	16:20:15	78784.17	394754.69	40.72	Concrete	10,260	-1.34

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08/18/2021	16:20:16	78783.90	394754.61	40.75	Concrete	10,920	-0.87
08/18/2021	16:20:17	78783.66	394754.61	40.75	Concrete	12,240	0.06
08/18/2021	16:20:18	78783.42	394754.59	40.74	Concrete	10,260	-1.34
08/18/2021	16:20:19	78783.15	394754.56	40.75	Concrete	10,680	-1.04
08/18/2021	16:20:20	78782.86	394754.55	40.74	Concrete	11,280	-0.62
08/18/2021	16:20:21	78782.62	394754.50	40.74	Concrete	10,920	-0.87
08/18/2021	16:20:22	78782.37	394754.50	40.73	Concrete	9,600	-1.80
08/18/2021	16:20:23	78782.09	394754.39	40.73	Concrete	10,740	-1.00
08/18/2021	16:20:24	78781.78	394754.34	40.72	Concrete	10,920	-0.87
08/18/2021	16:20:25	78781.49	394754.24	40.71	Concrete	12,840	0.48
08/18/2021	16:20:26	78781.21	394754.16	40.69	Concrete	11,880	-0.19
08/18/2021	16:20:27	78780.95	394754.11	40.67	Concrete	11,700	-0.32
08/18/2021	16:20:28	78780.71	394754.00	40.68	Concrete	13,020	0.61
08/18/2021	16:20:29	78780.41	394753.99	40.67	Concrete	12,300	0.10
08/18/2021	16:20:30	78780.16	394753.94	40.67	Concrete	11,520	-0.45
08/18/2021	16:20:31	78779.91	394753.91	40.67	Concrete	10,860	-0.91
08/18/2021	16:20:32	78779.66	394753.84	40.67	Concrete	11,280	-0.62
08/18/2021	16:20:33	78779.40	394753.79	40.66	Concrete	10,800	-0.95
08/18/2021	16:20:34	78779.12	394753.75	40.66	Concrete	11,580	-0.40
08/18/2021	16:20:35	78778.82	394753.68	40.65	Concrete	11,760	-0.28
08/18/2021	16:20:36	78778.50	394753.63	40.64	Concrete	11,760	-0.28
08/18/2021	16:20:37	78778.19	394753.55	40.63	Concrete	11,280	-0.62
08/18/2021	16:20:38	78777.83	394753.56	40.64	Concrete	10,200	-1.38
08/18/2021	16:20:39	78777.47	394753.48	40.64	Concrete	12,660	0.36
08/18/2021	16:20:40	78777.16	394753.43	40.64	Concrete	12,660	0.36
08/18/2021	16:20:41	78776.92	394753.40	40.64	Concrete	11,340	-0.57
08/18/2021	16:20:42	78776.82	394753.40	40.66	Concrete	11,220	-0.66
08/18/2021	16:20:43	78776.75	394753.72	40.66	Concrete	11,820	-0.24
08/18/2021	16:20:44	78776.66	394754.00	40.67	Concrete	12,840	0.48
08/18/2021	16:20:45	78776.70	394754.04	40.65	Concrete	13,140	0.70
08/18/2021	16:20:46	78776.84	394754.10	40.66	Concrete	12,720	0.40
08/18/2021	16:20:47	78777.06	394754.13	40.65	Concrete	11,400	-0.53
08/18/2021	16:20:48	78777.29	394754.18	40.64	Concrete	11,640	-0.36
08/18/2021	16:20:49	78777.52	394754.22	40.65	Concrete	13,080	0.65
08/18/2021	16:20:50	78777.77	394754.23	40.66	Concrete	10,800	-0.95
08/18/2021	16:20:51	78778.02	394754.26	40.65	Concrete	10,680	-1.04
08/18/2021	16:20:52	78778.25	394754.25	40.65	Concrete	13,140	0.70
08/18/2021	16:20:53	78778.44	394754.27	40.64	Concrete	11,760	-0.28
08/18/2021	16:20:54	78778.69	394754.22	40.64	Concrete	12,840	0.48
08/18/2021	16:20:55	78778.93	394754.24	40.64	Concrete	11,040	-0.79
08/18/2021	16:20:56	78779.16	394754.24	40.63	Concrete	12,960	0.57
08/18/2021	16:20:57	78779.36	394754.31	40.62	Concrete	13,380	0.86
08/18/2021	16:20:58	78779.61	394754.36	40.61	Concrete	12,060	-0.07
08/18/2021	16:20:59	78779.85	394754.43	40.60	Concrete	10,860	-0.91
08/18/2021	16:21:00	78780.16	394754.50	40.61	Concrete	12,720	0.40
08/18/2021	16:21:01	78780.51	394754.54	40.60	Concrete	12,060	-0.07
08/18/2021	16:21:02	78780.82	394754.61	40.60	Concrete	12,420	0.19
08/18/2021	16:21:03	78781.09	394754.64	40.62	Concrete	12,840	0.48
08/18/2021	16:21:04	78781.30	394754.56	40.62	Concrete	11,220	-0.66
08/18/2021	16:21:05	78781.39	394754.43	40.61	Concrete	11,700	-0.32
08/18/2021	16:21:06	78781.20	394754.37	40.58	Concrete	10,800	-0.95

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08/18/2021	16:21:07	78780.99	394754.24	40.57	Concrete	13,020	0.61
08/18/2021	16:21:08	78780.75	394754.14	40.59	Concrete	13,560	0.99
08/18/2021	16:21:09	78780.51	394754.07	40.58	Concrete	12,960	0.57
08/18/2021	16:21:10	78780.27	394754.00	40.59	Concrete	12,780	0.44
08/18/2021	16:21:11	78780.01	394753.96	40.58	Concrete	12,840	0.48
08/18/2021	16:21:12	78779.77	394753.91	40.60	Concrete	12,120	-0.02
08/18/2021	16:21:13	78779.50	394753.87	40.61	Concrete	14,340	1.54
08/18/2021	16:21:14	78779.21	394753.81	40.62	Concrete	13,080	0.65
08/18/2021	16:21:15	78778.96	394753.72	40.62	Concrete	12,420	0.19
08/18/2021	16:21:16	78778.77	394753.61	40.63	Concrete	11,460	-0.49
08/18/2021	16:21:17	78778.51	394753.62	40.64	Concrete	12,540	0.27
08/18/2021	16:21:18	78778.27	394753.63	40.66	Concrete	10,800	-0.95
08/18/2021	16:21:19	78778.03	394753.68	40.66	Concrete	12,480	0.23
08/18/2021	16:21:20	78777.80	394753.71	40.67	Concrete	10,980	-0.83
08/18/2021	16:21:21	78777.59	394753.74	40.66	Concrete	12,000	-0.11
08/18/2021	16:21:22	78777.39	394753.71	40.66	Concrete	12,300	0.10
08/18/2021	16:21:23	78777.15	394753.70	40.66	Concrete	13,980	1.29
08/18/2021	16:21:24	78776.90	394753.67	40.68	Concrete	13,140	0.70
08/18/2021	16:21:25	78776.72	394753.58	40.67	Concrete	11,400	-0.53
08/18/2021	16:21:26	78776.71	394753.27	40.66	Concrete	13,020	0.61
08/18/2021	16:21:27	78776.72	394752.92	40.66	Concrete	12,300	0.10
08/18/2021	16:21:28	78776.73	394752.94	40.65	Concrete	12,120	-0.02
08/18/2021	16:21:29	78776.82	394753.02	40.64	Concrete	13,920	1.25
08/18/2021	16:21:30	78776.99	394753.09	40.64	Concrete	13,260	0.78
08/18/2021	16:21:31	78777.19	394753.19	40.65	Concrete	12,060	-0.07
08/18/2021	16:21:32	78777.37	394753.23	40.65	Concrete	11,460	-0.49
08/18/2021	16:21:33	78777.54	394753.27	40.66	Concrete	12,840	0.48
08/18/2021	16:21:34	78777.72	394753.29	40.67	Concrete	12,720	0.40
08/18/2021	16:21:35	78777.88	394753.35	40.66	Concrete	12,420	0.19
08/18/2021	16:21:36	78778.06	394753.34	40.65	Concrete	10,320	-1.29
08/18/2021	16:21:37	78778.24	394753.37	40.65	Concrete	11,820	-0.24
08/18/2021	16:21:38	78778.42	394753.41	40.65	Concrete	11,220	-0.66
08/18/2021	16:21:39	78778.58	394753.50	40.65	Concrete	11,580	-0.40
08/18/2021	16:21:40	78778.76	394753.50	40.62	Concrete	11,640	-0.36
08/18/2021	16:21:41	78778.94	394753.57	40.62	Concrete	10,920	-0.87
08/18/2021	16:21:42	78779.14	394753.59	40.60	Concrete	13,800	1.16
08/18/2021	16:21:43	78779.32	394753.67	40.61	Concrete	13,200	0.74
08/18/2021	16:21:44	78779.56	394753.70	40.59	Concrete	12,720	0.40
08/18/2021	16:21:45	78779.78	394753.78	40.58	Concrete	11,820	-0.24
08/18/2021	16:21:46	78780.04	394753.79	40.56	Concrete	9,780	-1.67
08/18/2021	16:21:47	78780.29	394753.85	40.56	Concrete	10,200	-1.38
08/18/2021	16:21:48	78780.45	394753.90	40.55	Concrete	9,660	-1.76
08/18/2021	16:21:49	78780.63	394753.96	40.55	Concrete	10,980	-0.83
08/18/2021	16:21:50	78780.87	394753.95	40.54	Concrete	12,000	-0.11
08/18/2021	16:21:51	78781.11	394754.01	40.57	Concrete	11,280	-0.62
08/18/2021	16:21:52	78781.35	394754.01	40.58	Concrete	11,460	-0.49
08/18/2021	16:21:53	78781.53	394754.03	40.59	Concrete	10,680	-1.04
08/18/2021	16:21:54	78781.74	394754.04	40.61	Concrete	13,260	0.78
08/18/2021	16:21:55	78781.96	394754.06	40.62	Concrete	12,660	0.36
08/18/2021	16:21:56	78782.19	394754.12	40.64	Concrete	10,620	-1.08
08/18/2021	16:21:57	78782.43	394754.20	40.64	Concrete	10,380	-1.25

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08/18/2021	16:21:58	78782.61	394754.32	40.64	Concrete	12,960	0.57
08/18/2021	16:21:59	78782.75	394754.36	40.64	Concrete	10,260	-1.34
08/18/2021	16:22:00	78782.89	394754.46	40.63	Concrete	11,880	-0.19
08/18/2021	16:22:01	78783.04	394754.50	40.63	Concrete	11,520	-0.45
08/18/2021	16:22:02	78783.19	394754.53	40.64	Concrete	12,540	0.27
08/18/2021	16:22:03	78783.34	394754.57	40.65	Concrete	10,440	-1.21
08/18/2021	16:22:04	78783.49	394754.59	40.65	Concrete	10,500	-1.17
08/18/2021	16:22:05	78783.68	394754.65	40.65	Concrete	13,200	0.74
08/18/2021	16:22:06	78783.94	394754.65	40.63	Concrete	12,540	0.27
08/18/2021	16:22:07	78784.19	394754.66	40.63	Concrete	11,880	-0.19
08/18/2021	16:22:08	78784.42	394754.67	40.62	Concrete	11,700	-0.32
08/18/2021	16:22:09	78784.67	394754.67	40.61	Concrete	10,200	-1.38
08/18/2021	16:22:10	78784.90	394754.68	40.59	Concrete	12,660	0.36
08/18/2021	16:22:11	78785.13	394754.67	40.59	Concrete	10,920	-0.87
08/18/2021	16:22:12	78785.36	394754.67	40.57	Concrete	11,820	-0.24
08/18/2021	16:22:13	78785.59	394754.66	40.56	Concrete	13,320	0.82
08/18/2021	16:22:14	78785.79	394754.75	40.55	Concrete	12,540	0.27
08/18/2021	16:22:15	78786.01	394754.77	40.56	Concrete	11,100	-0.74
08/18/2021	16:22:16	78786.22	394754.82	40.56	Concrete	12,120	-0.02
08/18/2021	16:22:17	78786.51	394754.77	40.58	Concrete	12,120	-0.02
08/18/2021	16:22:18	78786.79	394754.79	40.59	Concrete	12,540	0.27
08/18/2021	16:22:19	78787.06	394754.79	40.60	Concrete	10,920	-0.87
08/18/2021	16:22:20	78787.35	394754.80	40.61	Concrete	11,340	-0.57
08/18/2021	16:22:21	78787.61	394754.84	40.63	Concrete	12,240	0.06
08/18/2021	16:22:22	78787.86	394754.92	40.64	Concrete	10,080	-1.46
08/18/2021	16:22:23	78788.12	394755.01	40.65	Concrete	12,360	0.15
08/18/2021	16:22:24	78788.41	394755.07	40.64	Concrete	11,460	-0.49
08/18/2021	16:22:25	78788.66	394755.21	40.65	Concrete	11,640	-0.36
08/18/2021	16:22:26	78788.93	394755.22	40.64	Concrete	12,000	-0.11
08/18/2021	16:22:27	78789.10	394755.22	40.65	Concrete	11,400	-0.53
08/18/2021	16:22:28	78789.21	394755.23	40.68	Concrete	12,120	-0.02
08/18/2021	16:26:37	78776.62	394752.71	40.48	Concrete	11,760	-0.28
08/18/2021	16:26:38	78776.62	394752.72	40.46	Concrete	12,000	-0.11
08/18/2021	16:26:39	78776.69	394752.81	40.45	Concrete	14,040	1.33
08/18/2021	16:26:40	78776.88	394752.83	40.44	Concrete	12,660	0.36
08/18/2021	16:26:41	78777.06	394752.95	40.44	Concrete	12,120	-0.02
08/18/2021	16:26:42	78777.30	394752.96	40.43	Concrete	14,460	1.63
08/18/2021	16:26:43	78777.48	394753.07	40.42	Concrete	12,420	0.19
08/18/2021	16:26:44	78777.75	394753.08	40.41	Concrete	11,700	-0.32
08/18/2021	16:26:45	78777.96	394753.17	40.40	Concrete	11,640	-0.36
08/18/2021	16:26:46	78778.21	394753.16	40.39	Concrete	12,720	0.40
08/18/2021	16:26:47	78778.40	394753.27	40.39	Concrete	11,940	-0.15
08/18/2021	16:26:48	78778.68	394753.28	40.37	Concrete	11,760	-0.28
08/18/2021	16:26:49	78778.87	394753.41	40.37	Concrete	11,880	-0.19
08/18/2021	16:26:50	78779.11	394753.42	40.37	Concrete	11,520	-0.45
08/18/2021	16:26:51	78779.27	394753.52	40.37	Concrete	11,820	-0.24
08/18/2021	16:26:52	78779.53	394753.54	40.37	Concrete	12,780	0.44
08/18/2021	16:26:53	78779.76	394753.67	40.38	Concrete	10,800	-0.95
08/18/2021	16:26:54	78780.04	394753.68	40.37	Concrete	11,520	-0.45
08/18/2021	16:26:55	78780.34	394753.79	40.38	Concrete	11,760	-0.28
08/18/2021	16:26:56	78780.65	394753.80	40.38	Concrete	13,080	0.65

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08/18/2021	16:26:57	78780.97	394753.85	40.40	Concrete	11,700	-0.32
08/18/2021	16:26:58	78781.26	394753.88	40.40	Concrete	11,040	-0.79
08/18/2021	16:26:59	78781.51	394753.91	40.41	Concrete	14,760	1.84
08/18/2021	16:27:00	78781.77	394753.96	40.43	Concrete	12,780	0.44
08/18/2021	16:27:01	78782.08	394753.93	40.44	Concrete	10,860	-0.91
08/18/2021	16:27:02	78782.34	394754.05	40.46	Concrete	12,900	0.53
08/18/2021	16:27:03	78782.65	394754.05	40.47	Concrete	12,420	0.19
08/18/2021	16:27:04	78782.93	394754.18	40.49	Concrete	12,120	-0.02
08/18/2021	16:27:05	78783.25	394754.19	40.50	Concrete	12,720	0.40
08/18/2021	16:27:06	78783.55	394754.36	40.51	Concrete	10,800	-0.95
08/18/2021	16:27:07	78783.83	394754.42	40.51	Concrete	11,100	-0.74
08/18/2021	16:27:08	78784.13	394754.51	40.52	Concrete	12,480	0.23
08/18/2021	16:27:09	78784.41	394754.61	40.51	Concrete	12,480	0.23
08/18/2021	16:27:10	78784.70	394754.58	40.52	Concrete	13,440	0.91
08/18/2021	16:27:11	78784.99	394754.65	40.51	Concrete	14,100	1.37
08/18/2021	16:27:12	78785.33	394754.58	40.51	Concrete	10,800	-0.95
08/18/2021	16:27:13	78785.62	394754.64	40.50	Concrete	12,540	0.27
08/18/2021	16:27:14	78785.89	394754.58	40.49	Concrete	13,140	0.70
08/18/2021	16:27:15	78786.15	394754.64	40.50	Concrete	10,920	-0.87
08/18/2021	16:27:16	78786.41	394754.61	40.50	Concrete	11,820	-0.24
08/18/2021	16:27:17	78786.65	394754.72	40.51	Concrete	12,120	-0.02
08/18/2021	16:27:18	78786.96	394754.68	40.53	Concrete	11,400	-0.53
08/18/2021	16:27:19	78787.23	394754.78	40.54	Concrete	11,400	-0.53
08/18/2021	16:27:20	78787.54	394754.80	40.55	Concrete	12,660	0.36
08/18/2021	16:27:21	78787.83	394754.92	40.56	Concrete	11,700	-0.32
08/18/2021	16:27:22	78788.13	394755.02	40.56	Concrete	10,920	-0.87
08/18/2021	16:27:23	78788.45	394755.06	40.55	Concrete	14,460	1.63
08/18/2021	16:27:24	78788.71	394755.21	40.54	Concrete	11,040	-0.79
08/18/2021	16:27:25	78788.96	394755.12	40.53	Concrete	9,780	-1.67
08/18/2021	16:27:26	78789.18	394755.06	40.55	Concrete	10,920	-0.87
08/18/2021	16:27:27	78789.24	394754.85	40.56	Concrete	10,620	-1.08
08/18/2021	16:27:28	78789.25	394754.87	40.56	Concrete	14,040	1.33
08/18/2021	16:27:29	78789.30	394754.78	40.57	Concrete	12,420	0.19
08/18/2021	16:27:30	78789.24	394754.78	40.57	Concrete	12,840	0.48
08/18/2021	16:27:31	78789.09	394754.81	40.59	Concrete	13,320	0.82
08/18/2021	16:27:32	78788.86	394754.88	40.58	Concrete	14,280	1.50
08/18/2021	16:27:33	78788.67	394754.83	40.59	Concrete	11,760	-0.28
08/18/2021	16:27:34	78788.42	394754.89	40.58	Concrete	12,480	0.23
08/18/2021	16:27:35	78788.22	394754.83	40.58	Concrete	12,360	0.15
08/18/2021	16:27:36	78787.96	394754.93	40.57	Concrete	11,640	-0.36
08/18/2021	16:27:37	78787.77	394754.85	40.58	Concrete	12,240	0.06
08/18/2021	16:27:38	78787.50	394754.90	40.55	Concrete	10,740	-1.00
08/18/2021	16:27:39	78787.24	394754.78	40.55	Concrete	11,760	-0.28
08/18/2021	16:27:40	78786.92	394754.77	40.53	Concrete	11,700	-0.32
08/18/2021	16:27:41	78786.67	394754.63	40.53	Concrete	10,320	-1.29
08/18/2021	16:27:42	78786.34	394754.62	40.51	Concrete	10,980	-0.83
08/18/2021	16:27:43	78786.07	394754.49	40.52	Concrete	12,900	0.53
08/18/2021	16:27:44	78785.79	394754.45	40.53	Concrete	11,400	-0.53
08/18/2021	16:27:45	78785.53	394754.39	40.55	Concrete	10,260	-1.34
08/18/2021	16:27:46	78785.31	394754.37	40.56	Concrete	10,140	-1.42
08/18/2021	16:27:47	78785.16	394754.29	40.57	Concrete	10,980	-0.83

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08/18/2021	16:27:48	78785.05	394754.30	40.58	Concrete	12,180	0.02
08/18/2021	16:27:49	78785.05	394754.30	40.59	Concrete	10,500	-1.17
08/18/2021	16:27:50	78785.09	394754.34	40.59	Concrete	12,720	0.40
08/18/2021	16:27:51	78785.09	394754.26	40.58	Concrete	10,740	-1.00
08/18/2021	16:27:52	78784.86	394754.30	40.61	Concrete	11,100	-0.74
08/18/2021	16:27:53	78784.57	394754.27	40.62	Concrete	11,460	-0.49
08/18/2021	16:27:54	78784.34	394754.33	40.64	Concrete	10,020	-1.50
08/18/2021	16:27:55	78784.15	394754.37	40.65	Concrete	11,280	-0.62
08/18/2021	16:27:56	78783.93	394754.26	40.67	Concrete	12,000	-0.11
08/18/2021	16:27:57	78783.65	394754.24	40.65	Concrete	11,760	-0.28
08/18/2021	16:27:58	78783.40	394754.19	40.65	Concrete	11,400	-0.53
08/18/2021	16:27:59	78783.16	394754.14	40.64	Concrete	13,440	0.91
08/18/2021	16:28:00	78782.94	394754.09	40.63	Concrete	12,300	0.10
08/18/2021	16:28:01	78782.76	394754.06	40.61	Concrete	10,560	-1.12
08/18/2021	16:28:02	78782.57	394754.00	40.61	Concrete	12,120	-0.02
08/18/2021	16:28:03	78782.36	394753.96	40.61	Concrete	10,740	-1.00
08/18/2021	16:28:04	78782.11	394753.94	40.62	Concrete	13,380	0.86
08/18/2021	16:28:05	78781.86	394753.88	40.62	Concrete	11,760	-0.28
08/18/2021	16:28:06	78781.57	394753.85	40.62	Concrete	11,160	-0.70
08/18/2021	16:28:07	78781.31	394753.76	40.62	Concrete	12,660	0.36
08/18/2021	16:28:08	78781.02	394753.69	40.61	Concrete	11,640	-0.36
08/18/2021	16:28:09	78780.80	394753.55	40.62	Concrete	12,300	0.10
08/18/2021	16:28:10	78780.53	394753.56	40.60	Concrete	12,540	0.27
08/18/2021	16:28:11	78780.30	394753.45	40.62	Concrete	10,800	-0.95
08/18/2021	16:28:12	78780.00	394753.47	40.61	Concrete	12,120	-0.02
08/18/2021	16:28:13	78779.80	394753.37	40.62	Concrete	12,600	0.31
08/18/2021	16:28:14	78779.57	394753.44	40.61	Concrete	11,280	-0.62
08/18/2021	16:28:15	78779.35	394753.32	40.64	Concrete	11,340	-0.57
08/18/2021	16:28:16	78779.05	394753.30	40.63	Concrete	11,880	-0.19
08/18/2021	16:28:17	78778.85	394753.17	40.63	Concrete	10,800	-0.95
08/18/2021	16:28:18	78778.60	394753.20	40.63	Concrete	12,300	0.10
08/18/2021	16:28:19	78778.36	394753.06	40.65	Concrete	12,360	0.15
08/18/2021	16:28:20	78777.98	394753.07	40.65	Concrete	11,760	-0.28
08/18/2021	16:28:21	78777.69	394752.99	40.68	Concrete	12,480	0.23
08/18/2021	16:28:22	78777.40	394752.94	40.68	Concrete	10,800	-0.95
08/18/2021	16:28:23	78777.08	394752.83	40.68	Concrete	13,620	1.03
08/18/2021	16:28:24	78776.88	394752.67	40.68	Concrete	10,800	-0.95
08/18/2021	16:28:25	78776.79	394752.40	40.68	Concrete	12,000	-0.11
08/18/2021	16:28:26	78776.80	394752.34	40.65	Concrete	10,500	-1.17
08/18/2021	16:28:27	78776.79	394752.35	40.63	Concrete	12,720	0.40
08/18/2021	16:28:28	78776.74	394752.21	40.61	Concrete	12,960	0.57
08/18/2021	16:28:29	78776.68	394752.33	40.60	Concrete	12,120	-0.02
08/18/2021	16:28:30	78776.72	394752.33	40.58	Concrete	12,120	-0.02
08/18/2021	16:28:31	78776.87	394752.33	40.58	Concrete	10,920	-0.87
08/18/2021	16:28:32	78777.11	394752.39	40.56	Concrete	12,180	0.02
08/18/2021	16:28:33	78777.27	394752.54	40.56	Concrete	10,620	-1.08
08/18/2021	16:28:34	78777.48	394752.50	40.57	Concrete	11,340	-0.57
08/18/2021	16:28:35	78777.60	394752.66	40.57	Concrete	11,640	-0.36
08/18/2021	16:28:36	78777.76	394752.75	40.58	Concrete	12,780	0.44
08/18/2021	16:28:37	78777.85	394752.91	40.59	Concrete	11,340	-0.57
08/18/2021	16:28:38	78778.07	394752.91	40.58	Concrete	11,340	-0.57

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08/18/2021	16:28:39	78778.26	394752.98	40.60	Concrete	11,280	-0.62
08/18/2021	16:28:40	78778.52	394753.00	40.59	Concrete	12,300	0.10
08/18/2021	16:28:41	78778.73	394753.03	40.59	Concrete	11,280	-0.62
08/18/2021	16:28:42	78778.96	394753.03	40.58	Concrete	14,340	1.54
08/18/2021	16:28:43	78779.24	394753.08	40.59	Concrete	13,200	0.74
08/18/2021	16:28:44	78779.47	394753.16	40.58	Concrete	11,940	-0.15
08/18/2021	16:28:45	78779.68	394753.20	40.58	Concrete	11,760	-0.28
08/18/2021	16:28:46	78779.85	394753.27	40.58	Concrete	13,620	1.03
08/18/2021	16:28:47	78780.04	394753.29	40.58	Concrete	11,760	-0.28
08/18/2021	16:28:48	78780.24	394753.32	40.57	Concrete	9,840	-1.63
08/18/2021	16:28:49	78780.46	394753.37	40.57	Concrete	11,040	-0.79
08/18/2021	16:28:50	78780.74	394753.43	40.58	Concrete	12,060	-0.07
08/18/2021	16:28:51	78781.01	394753.48	40.61	Concrete	11,880	-0.19
08/18/2021	16:28:52	78781.25	394753.48	40.62	Concrete	13,740	1.12
08/18/2021	16:28:53	78781.46	394753.50	40.63	Concrete	12,420	0.19
08/18/2021	16:28:54	78781.69	394753.50	40.64	Concrete	11,940	-0.15
08/18/2021	16:28:55	78781.94	394753.51	40.66	Concrete	12,120	-0.02
08/18/2021	16:28:56	78782.20	394753.53	40.67	Concrete	11,100	-0.74
08/18/2021	16:28:57	78782.47	394753.62	40.67	Concrete	11,880	-0.19
08/18/2021	16:28:58	78782.67	394753.72	40.66	Concrete	9,180	-2.10
08/18/2021	16:28:59	78782.87	394753.76	40.66	Concrete	11,940	-0.15
08/18/2021	16:29:00	78783.13	394753.76	40.65	Concrete	11,640	-0.36
08/18/2021	16:29:01	78783.38	394753.81	40.64	Concrete	11,820	-0.24
08/18/2021	16:29:02	78783.67	394753.77	40.63	Concrete	11,640	-0.36
08/18/2021	16:29:03	78783.94	394753.79	40.61	Concrete	13,020	0.61
08/18/2021	16:29:04	78784.21	394753.83	40.60	Concrete	13,080	0.65
08/18/2021	16:29:05	78784.54	394753.83	40.59	Concrete	11,040	-0.79
08/18/2021	16:29:06	78784.79	394753.91	40.58	Concrete	11,940	-0.15
08/18/2021	16:29:07	78785.09	394753.94	40.57	Concrete	12,720	0.40
08/18/2021	16:29:08	78785.30	394754.05	40.58	Concrete	11,520	-0.45
08/18/2021	16:29:09	78785.52	394754.02	40.57	Concrete	12,300	0.10
08/18/2021	16:29:10	78785.70	394754.08	40.56	Concrete	10,980	-0.83
08/18/2021	16:29:11	78785.95	394754.07	40.57	Concrete	11,940	-0.15
08/18/2021	16:29:12	78786.13	394754.10	40.57	Concrete	14,580	1.71
08/18/2021	16:29:13	78786.33	394754.09	40.57	Concrete	11,580	-0.40
08/18/2021	16:29:14	78786.50	394754.13	40.58	Concrete	10,800	-0.95
08/18/2021	16:29:15	78786.75	394754.16	40.60	Concrete	12,000	-0.11
08/18/2021	16:29:16	78786.99	394754.19	40.62	Concrete	12,180	0.02
08/18/2021	16:29:17	78787.24	394754.20	40.64	Concrete	11,940	-0.15
08/18/2021	16:29:18	78787.44	394754.26	40.65	Concrete	10,800	-0.95
08/18/2021	16:29:19	78787.64	394754.32	40.66	Concrete	12,840	0.48
08/18/2021	16:29:20	78787.85	394754.32	40.66	Concrete	12,840	0.48
08/18/2021	16:29:21	78788.11	394754.34	40.67	Concrete	14,100	1.37
08/18/2021	16:29:22	78788.34	394754.39	40.67	Concrete	13,620	1.03
08/18/2021	16:29:23	78788.57	394754.41	40.68	Concrete	10,200	-1.38
08/18/2021	16:29:24	78788.83	394754.48	40.72	Concrete	12,840	0.48
08/18/2021	16:29:25	78789.15	394754.59	40.70	Concrete	10,500	-1.17
08/18/2021	16:29:26	78789.30	394754.80	40.70	Concrete	11,340	-0.57
08/18/2021	16:29:27	78789.33	394755.08	40.68	Concrete	11,340	-0.57
08/18/2021	16:29:28	78789.25	394755.01	40.69	Concrete	12,840	0.48
08/18/2021	16:29:29	78789.07	394755.10	40.69	Concrete	12,060	-0.07

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08/18/2021	16:29:30	78788.90	394755.02	40.70	Concrete	12,060	-0.07
08/18/2021	16:29:31	78788.73	394755.08	40.69	Concrete	12,600	0.31
08/18/2021	16:29:32	78788.65	394754.90	40.70	Concrete	12,720	0.40
08/18/2021	16:29:33	78788.49	394754.87	40.68	Concrete	11,340	-0.57
08/18/2021	16:29:34	78788.38	394754.74	40.68	Concrete	12,480	0.23
08/18/2021	16:29:35	78788.17	394754.77	40.65	Concrete	12,000	-0.11
08/18/2021	16:29:36	78788.00	394754.65	40.65	Concrete	10,980	-0.83
08/18/2021	16:29:37	78787.81	394754.65	40.63	Concrete	11,640	-0.36
08/18/2021	16:29:38	78787.71	394754.45	40.64	Concrete	10,860	-0.91
08/18/2021	16:29:39	78787.57	394754.45	40.64	Concrete	10,920	-0.87
08/18/2021	16:29:40	78787.39	394754.42	40.64	Concrete	12,420	0.19
08/18/2021	16:29:41	78787.14	394754.47	40.70	Concrete	12,660	0.36
08/18/2021	16:29:42	78786.89	394754.50	40.75	Concrete	12,240	0.06
08/18/2021	16:29:43	78786.66	394754.50	40.78	Concrete	11,100	-0.74
08/18/2021	16:29:44	78786.48	394754.43	40.82	Concrete	11,700	-0.32
08/18/2021	16:29:45	78786.22	394754.50	40.83	Concrete	13,440	0.91
08/18/2021	16:29:46	78786.04	394754.41	40.87	Concrete	11,220	-0.66
08/18/2021	16:29:47	78785.82	394754.50	40.87	Concrete	11,760	-0.28
08/18/2021	16:29:48	78785.65	394754.44	40.90	Concrete	11,580	-0.40
08/18/2021	16:29:49	78785.42	394754.51	40.92	Concrete	12,420	0.19
08/18/2021	16:29:50	78785.17	394754.38	40.95	Concrete	12,180	0.02
08/18/2021	16:29:51	78784.88	394754.38	40.95	Concrete	9,960	-1.55
08/18/2021	16:29:52	78784.70	394754.16	40.98	Concrete	12,060	-0.07
08/18/2021	16:29:53	78784.43	394754.17	40.98	Concrete	11,820	-0.24
08/18/2021	16:29:54	78784.21	394754.08	40.99	Concrete	13,140	0.70
08/18/2021	16:29:55	78783.91	394754.13	40.99	Concrete	12,300	0.10
08/18/2021	16:29:56	78783.69	394754.05	40.98	Concrete	10,740	-1.00
08/18/2021	16:29:57	78783.46	394754.12	40.97	Concrete	11,160	-0.70
08/18/2021	16:29:58	78783.24	394754.03	40.97	Concrete	10,320	-1.29
08/18/2021	16:29:59	78782.98	394754.11	40.97	Concrete	12,060	-0.07
08/18/2021	16:30:00	78782.75	394754.01	40.98	Concrete	12,540	0.27
08/18/2021	16:30:01	78782.40	394754.04	40.96	Concrete	13,140	0.70
08/18/2021	16:30:02	78782.14	394753.92	40.97	Concrete	13,260	0.78
08/18/2021	16:30:03	78781.80	394753.92	40.95	Concrete	11,760	-0.28
08/18/2021	16:30:04	78781.47	394753.81	40.95	Concrete	14,100	1.37
08/18/2021	16:30:05	78781.14	394753.70	40.95	Concrete	11,820	-0.24
08/18/2021	16:30:06	78780.76	394753.65	40.94	Concrete	11,400	-0.53
08/18/2021	16:30:07	78780.49	394753.45	40.95	Concrete	10,560	-1.12
08/18/2021	16:30:08	78780.15	394753.43	40.94	Concrete	11,460	-0.49
08/18/2021	16:30:09	78779.89	394753.26	40.94	Concrete	12,720	0.40
08/18/2021	16:30:10	78779.47	394753.22	40.94	Concrete	12,000	-0.11
08/18/2021	16:30:11	78779.18	394753.07	40.96	Concrete	11,460	-0.49
08/18/2021	16:30:12	78778.77	394753.09	40.96	Concrete	12,000	-0.11
08/18/2021	16:30:13	78778.44	394752.93	40.97	Concrete	10,920	-0.87
08/18/2021	16:30:14	78778.05	394752.96	40.97	Concrete	10,800	-0.95
08/18/2021	16:30:15	78777.68	394752.86	41.00	Concrete	12,240	0.06
08/18/2021	16:30:16	78777.33	394752.80	41.00	Concrete	12,480	0.23
08/18/2021	16:30:17	78777.05	394752.74	41.02	Concrete	10,920	-0.87
08/18/2021	16:30:18	78776.84	394752.67	41.00	Concrete	12,960	0.57
08/18/2021	16:30:19	78776.78	394752.40	40.98	Concrete	13,140	0.70
08/18/2021	16:30:20	78776.86	394752.21	40.95	Concrete	12,240	0.06

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08/18/2021	16:30:21	78776.93	394752.15	40.94	Concrete	13,140	0.70
08/18/2021	16:30:22	78776.95	394751.92	40.92	Concrete	10,860	-0.91
08/18/2021	16:30:23	78777.06	394751.87	40.91	Concrete	13,380	0.86
08/18/2021	16:30:24	78777.08	394751.70	40.91	Concrete	11,760	-0.28
08/18/2021	16:30:25	78777.23	394751.63	40.90	Concrete	12,600	0.31
08/18/2021	16:30:26	78777.34	394751.46	40.90	Concrete	12,480	0.23
08/18/2021	16:30:27	78777.51	394751.37	40.92	Concrete	12,420	0.19
08/18/2021	16:30:28	78777.64	394751.21	40.94	Concrete	11,820	-0.24
08/18/2021	16:30:29	78777.81	394751.15	40.95	Concrete	13,320	0.82
08/18/2021	16:30:30	78777.95	394750.94	40.96	Concrete	12,360	0.15
08/18/2021	16:30:31	78778.15	394750.86	40.98	Concrete	12,420	0.19
08/18/2021	16:30:32	78778.25	394750.69	40.98	Concrete	11,760	-0.28
08/18/2021	16:30:33	78778.44	394750.61	41.00	Concrete	11,700	-0.32
08/18/2021	16:30:34	78778.59	394750.40	40.99	Concrete	11,640	-0.36
08/18/2021	16:30:35	78778.79	394750.29	40.98	Concrete	11,340	-0.57
08/18/2021	16:30:36	78778.91	394750.09	40.97	Concrete	10,140	-1.42
08/18/2021	16:30:37	78779.03	394750.02	40.97	Concrete	11,220	-0.66
08/18/2021	16:30:38	78779.00	394750.07	41.00	Concrete	12,600	0.31
08/18/2021	16:30:39	78779.10	394750.22	41.01	Concrete	13,560	0.99
08/18/2021	16:30:40	78779.02	394750.37	41.03	Concrete	11,580	-0.40
08/18/2021	16:30:41	78779.06	394750.61	41.04	Concrete	14,040	1.33
08/18/2021	16:30:42	78778.95	394750.78	41.03	Concrete	13,020	0.61
08/18/2021	16:30:43	78778.97	394751.01	41.02	Concrete	11,520	-0.45
08/18/2021	16:30:44	78778.90	394751.19	41.02	Concrete	11,760	-0.28
08/18/2021	16:30:45	78778.89	394751.39	41.02	Concrete	12,060	-0.07
08/18/2021	16:30:46	78778.71	394751.55	41.04	Concrete	12,360	0.15
08/18/2021	16:30:47	78778.63	394751.77	41.03	Concrete	12,540	0.27
08/18/2021	16:30:48	78778.55	394751.94	41.02	Concrete	11,280	-0.62
08/18/2021	16:30:49	78778.64	394752.20	41.02	Concrete	10,860	-0.91
08/18/2021	16:30:50	78778.62	394752.40	41.03	Concrete	12,660	0.36
08/18/2021	16:30:51	78778.67	394752.70	41.03	Concrete	12,120	-0.02
08/18/2021	16:30:52	78778.60	394752.97	41.03	Concrete	10,980	-0.83
08/18/2021	16:30:53	78778.53	394753.16	41.04	Concrete	11,640	-0.36
08/18/2021	16:30:54	78778.26	394753.08	41.03	Concrete	10,260	-1.34
08/18/2021	16:30:55	78778.17	394753.01	41.01	Concrete	9,960	-1.55
08/18/2021	16:30:56	78778.30	394752.91	41.01	Concrete	12,240	0.06
08/18/2021	16:30:57	78778.27	394752.70	40.99	Concrete	10,980	-0.83
08/18/2021	16:30:58	78778.39	394752.59	40.98	Concrete	12,960	0.57
08/18/2021	16:30:59	78778.43	394752.43	40.98	Concrete	11,820	-0.24
08/18/2021	16:31:00	78778.43	394752.23	40.98	Concrete	10,260	-1.34
08/18/2021	16:31:01	78778.53	394752.05	40.99	Concrete	12,660	0.36
08/18/2021	16:31:02	78778.53	394751.81	41.00	Concrete	11,460	-0.49
08/18/2021	16:31:03	78778.60	394751.64	41.01	Concrete	10,140	-1.42
08/18/2021	16:31:04	78778.61	394751.44	41.02	Concrete	12,840	0.48
08/18/2021	16:31:05	78778.69	394751.28	41.06	Concrete	13,080	0.65
08/18/2021	16:31:06	78778.67	394751.04	41.08	Concrete	13,740	1.12
08/18/2021	16:31:07	78778.85	394750.83	41.08	Concrete	13,920	1.25
08/18/2021	16:31:08	78778.78	394750.54	41.04	Concrete	10,680	-1.04
08/18/2021	16:31:09	78778.92	394750.32	41.04	Concrete	10,740	-1.00
08/18/2021	16:31:10	78778.76	394750.39	41.04	Concrete	11,340	-0.57
08/18/2021	16:31:11	78778.60	394750.40	41.05	Concrete	11,700	-0.32

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08/18/2021	16:31:12	78778.50	394750.51	41.09	Concrete	12,840	0.48
08/18/2021	16:31:13	78778.49	394750.69	41.10	Concrete	11,940	-0.15
08/18/2021	16:31:14	78778.39	394750.86	41.09	Concrete	12,120	-0.02
08/18/2021	16:31:15	78778.44	394751.03	41.08	Concrete	12,900	0.53
08/18/2021	16:31:16	78778.39	394751.19	41.06	Concrete	13,260	0.78
08/18/2021	16:31:17	78778.40	394751.35	41.06	Concrete	11,640	-0.36
08/18/2021	16:31:18	78778.33	394751.48	41.05	Concrete	12,600	0.31
08/18/2021	16:31:19	78778.34	394751.65	41.05	Concrete	11,400	-0.53
08/18/2021	16:31:20	78778.32	394751.80	41.05	Concrete	10,860	-0.91
08/18/2021	16:31:21	78778.28	394751.99	41.05	Concrete	10,920	-0.87
08/18/2021	16:31:22	78778.32	394752.19	41.05	Concrete	12,780	0.44
08/18/2021	16:31:23	78778.24	394752.36	41.05	Concrete	12,180	0.02
08/18/2021	16:31:24	78778.24	394752.55	41.06	Concrete	12,120	-0.02
08/18/2021	16:31:25	78778.18	394752.74	41.06	Concrete	13,800	1.16
08/18/2021	16:31:26	78778.20	394752.96	41.06	Concrete	12,300	0.10
08/18/2021	16:31:27	78778.14	394753.20	41.05	Concrete	10,860	-0.91
08/18/2021	16:31:28	78778.13	394753.38	41.05	Concrete	13,620	1.03
08/18/2021	16:31:29	78777.93	394753.26	41.06	Concrete	14,700	1.80
08/18/2021	16:31:30	78777.90	394753.21	41.04	Concrete	14,400	1.58
08/18/2021	16:31:31	78778.00	394753.08	41.05	Concrete	12,060	-0.07
08/18/2021	16:31:32	78777.94	394752.89	41.03	Concrete	12,720	0.40
08/18/2021	16:31:33	78778.07	394752.75	41.02	Concrete	11,040	-0.79
08/18/2021	16:31:34	78778.04	394752.54	41.00	Concrete	10,260	-1.34
08/18/2021	16:31:35	78778.15	394752.42	40.99	Concrete	11,100	-0.74
08/18/2021	16:31:36	78778.10	394752.21	40.97	Concrete	12,120	-0.02
08/18/2021	16:31:37	78778.16	394752.02	40.98	Concrete	12,840	0.48
08/18/2021	16:31:38	78778.13	394751.80	40.98	Concrete	14,460	1.63
08/18/2021	16:31:39	78778.18	394751.60	41.00	Concrete	11,400	-0.53
08/18/2021	16:31:40	78778.18	394751.37	41.00	Concrete	11,760	-0.28
08/18/2021	16:31:41	78778.25	394751.17	41.02	Concrete	12,720	0.40
08/18/2021	16:31:42	78778.26	394750.95	41.01	Concrete	12,660	0.36
08/18/2021	16:31:43	78778.21	394750.93	41.02	Concrete	12,420	0.19
08/18/2021	16:31:44	78778.01	394750.95	41.03	Concrete	11,400	-0.53
08/18/2021	16:31:45	78777.97	394751.00	41.02	Concrete	11,460	-0.49
08/18/2021	16:31:46	78778.00	394751.12	41.02	Concrete	11,940	-0.15
08/18/2021	16:31:47	78777.95	394751.31	41.01	Concrete	11,100	-0.74
08/18/2021	16:31:48	78778.03	394751.54	41.00	Concrete	12,540	0.27
08/18/2021	16:31:49	78777.93	394751.71	41.00	Concrete	12,720	0.40
08/18/2021	16:31:50	78778.01	394751.89	40.99	Concrete	12,420	0.19
08/18/2021	16:31:51	78777.94	394752.05	40.99	Concrete	12,180	0.02
08/18/2021	16:31:52	78778.03	394752.29	40.99	Concrete	12,780	0.44
08/18/2021	16:31:53	78777.94	394752.50	40.99	Concrete	10,680	-1.04
08/18/2021	16:31:54	78777.95	394752.76	40.98	Concrete	11,100	-0.74
08/18/2021	16:31:55	78777.75	394752.97	41.00	Concrete	11,100	-0.74
08/18/2021	16:31:56	78777.63	394753.01	41.00	Concrete	13,020	0.61
08/18/2021	16:31:57	78777.54	394752.90	40.99	Concrete	13,200	0.74
08/18/2021	16:31:58	78777.62	394752.79	40.98	Concrete	12,840	0.48
08/18/2021	16:31:59	78777.59	394752.59	40.96	Concrete	12,360	0.15
08/18/2021	16:32:00	78777.63	394752.38	40.96	Concrete	12,300	0.10
08/18/2021	16:32:01	78777.65	394752.22	40.95	Concrete	12,240	0.06
08/18/2021	16:32:02	78777.68	394752.05	40.95	Concrete	12,780	0.44

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08/18/2021	16:32:03	78777.75	394751.90	40.95	Concrete	11,940	-0.15
08/18/2021	16:32:04	78777.79	394751.68	40.96	Concrete	11,520	-0.45
08/18/2021	16:32:05	78777.89	394751.52	40.98	Concrete	11,220	-0.66
08/18/2021	16:32:06	78777.88	394751.31	40.98	Concrete	11,580	-0.40
08/18/2021	16:32:07	78777.90	394751.10	40.97	Concrete	14,040	1.33
08/18/2021	16:32:08	78777.71	394751.13	40.99	Concrete	13,260	0.78
08/18/2021	16:32:09	78777.70	394751.17	40.99	Concrete	12,600	0.31
08/18/2021	16:32:10	78777.66	394751.26	40.99	Concrete	12,480	0.23
08/18/2021	16:32:11	78777.68	394751.49	41.00	Concrete	11,820	-0.24
08/18/2021	16:32:12	78777.54	394751.62	41.00	Concrete	11,280	-0.62
08/18/2021	16:32:13	78777.52	394751.82	41.01	Concrete	10,140	-1.42
08/18/2021	16:32:14	78777.41	394751.99	41.01	Concrete	12,720	0.40
08/18/2021	16:32:15	78777.43	394752.19	41.01	Concrete	12,240	0.06
08/18/2021	16:32:16	78777.31	394752.35	41.00	Concrete	12,180	0.02
08/18/2021	16:32:17	78777.34	394752.62	40.99	Concrete	12,300	0.10
08/18/2021	16:32:18	78777.09	394752.78	40.98	Concrete	11,940	-0.15
08/18/2021	16:32:19	78776.99	394752.73	40.97	Concrete	11,400	-0.53
08/18/2021	16:32:20	78776.88	394752.60	40.97	Concrete	12,780	0.44
08/18/2021	16:32:21	78776.99	394752.44	40.96	Concrete	12,540	0.27
08/18/2021	16:32:22	78776.95	394752.19	40.93	Concrete	13,800	1.16
08/18/2021	16:32:23	78777.11	394752.00	40.91	Concrete	12,120	-0.02
08/18/2021	16:32:24	78777.23	394751.75	40.92	Concrete	13,140	0.70
08/18/2021	16:32:25	78777.42	394751.55	40.92	Concrete	11,400	-0.53
08/18/2021	16:32:26	78777.54	394751.57	40.90	Concrete	12,480	0.23
08/18/2021	16:32:27	78777.73	394751.73	40.87	Concrete	12,840	0.48
08/18/2021	16:32:28	78777.92	394751.93	40.86	Concrete	13,680	1.08
08/18/2021	16:32:29	78778.29	394752.01	40.84	Concrete	13,380	0.86
08/18/2021	16:32:30	78778.49	394752.22	40.85	Concrete	13,200	0.74
08/18/2021	16:32:31	78778.81	394752.22	40.83	Concrete	12,660	0.36
08/18/2021	16:32:32	78779.01	394752.33	40.84	Concrete	10,200	-1.38
08/18/2021	16:32:33	78779.24	394752.30	40.83	Concrete	12,300	0.10
08/18/2021	16:32:34	78779.47	394752.41	40.84	Concrete	12,780	0.44
08/18/2021	16:32:35	78779.65	394752.51	40.85	Concrete	11,820	-0.24
08/18/2021	16:32:36	78779.86	394752.59	40.85	Concrete	12,660	0.36
08/18/2021	16:32:37	78780.09	394752.75	40.85	Concrete	12,300	0.10
08/18/2021	16:32:38	78780.36	394752.83	40.85	Concrete	11,760	-0.28
08/18/2021	16:32:39	78780.49	394753.03	40.83	Concrete	10,740	-1.00
08/18/2021	16:32:40	78780.74	394753.08	40.83	Concrete	12,360	0.15
08/18/2021	16:32:41	78780.84	394753.31	40.83	Concrete	12,360	0.15
08/18/2021	16:32:42	78781.02	394753.36	40.84	Concrete	12,480	0.23
08/18/2021	16:32:43	78781.09	394753.54	40.83	Concrete	12,000	-0.11
08/18/2021	16:32:44	78781.16	394753.65	40.83	Concrete	11,580	-0.40
08/18/2021	16:32:45	78781.00	394753.58	40.84	Concrete	10,980	-0.83
08/18/2021	16:32:46	78780.88	394753.44	40.84	Concrete	11,820	-0.24
08/18/2021	16:32:47	78780.65	394753.37	40.83	Concrete	12,000	-0.11
08/18/2021	16:32:48	78780.50	394753.21	40.83	Concrete	11,100	-0.74
08/18/2021	16:32:49	78780.31	394753.12	40.85	Concrete	11,100	-0.74
08/18/2021	16:32:50	78780.11	394753.03	40.86	Concrete	12,060	-0.07
08/18/2021	16:32:51	78779.95	394752.87	40.87	Concrete	12,660	0.36
08/18/2021	16:32:52	78779.72	394752.79	40.88	Concrete	11,100	-0.74
08/18/2021	16:32:53	78779.52	394752.59	40.90	Concrete	13,980	1.29

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08/18/2021	16:32:54	78779.24	394752.51	40.92	Concrete	12,960	0.57
08/18/2021	16:32:55	78778.96	394752.43	40.93	Concrete	11,580	-0.40
08/18/2021	16:32:56	78778.82	394752.39	40.95	Concrete	13,980	1.29
08/18/2021	16:32:57	78778.66	394752.38	40.94	Concrete	13,260	0.78
08/18/2021	16:32:58	78778.75	394752.48	40.92	Concrete	10,680	-1.04
08/18/2021	16:32:59	78778.82	394752.59	40.90	Concrete	11,820	-0.24
08/18/2021	16:33:00	78778.98	394752.67	40.91	Concrete	11,880	-0.19
08/18/2021	16:33:01	78779.19	394752.75	40.90	Concrete	12,960	0.57
08/18/2021	16:33:02	78779.37	394752.90	40.89	Concrete	12,540	0.27
08/18/2021	16:33:03	78779.62	394752.93	40.87	Concrete	11,460	-0.49
08/18/2021	16:33:04	78779.81	394753.09	40.86	Concrete	11,820	-0.24
08/18/2021	16:33:05	78780.13	394753.14	40.85	Concrete	12,720	0.40
08/18/2021	16:33:06	78780.33	394753.34	40.83	Concrete	12,420	0.19
08/18/2021	16:33:07	78780.40	394753.48	40.85	Concrete	10,320	-1.29
08/18/2021	16:33:08	78780.17	394753.49	40.83	Concrete	12,960	0.57
08/18/2021	16:33:09	78780.03	394753.40	40.83	Concrete	12,540	0.27
08/18/2021	16:33:10	78779.82	394753.36	40.82	Concrete	12,180	0.02
08/18/2021	16:33:11	78779.72	394753.17	40.82	Concrete	13,440	0.91
08/18/2021	16:33:12	78779.51	394753.07	40.83	Concrete	11,940	-0.15
08/18/2021	16:33:13	78779.28	394752.94	40.82	Concrete	11,820	-0.24
08/18/2021	16:33:14	78779.14	394752.76	40.84	Concrete	10,980	-0.83
08/18/2021	16:33:15	78778.87	394752.67	40.87	Concrete	11,340	-0.57
08/18/2021	16:33:16	78778.78	394752.46	40.89	Concrete	11,280	-0.62
08/18/2021	16:33:17	78778.75	394752.60	40.89	Concrete	12,420	0.19
08/18/2021	16:33:18	78778.77	394752.73	40.88	Concrete	11,820	-0.24
08/18/2021	16:33:19	78779.03	394752.86	40.89	Concrete	11,700	-0.32
08/18/2021	16:33:20	78779.39	394752.88	40.87	Concrete	12,180	0.02
08/18/2021	16:33:21	78779.72	394753.02	40.87	Concrete	11,700	-0.32
08/18/2021	16:33:22	78780.10	394753.11	40.86	Concrete	12,000	-0.11
08/18/2021	16:33:23	78780.53	394753.24	40.85	Concrete	13,320	0.82
08/18/2021	16:33:24	78780.86	394753.48	40.87	Concrete	12,720	0.40
08/18/2021	16:33:25	78781.20	394753.53	40.86	Concrete	11,700	-0.32
08/18/2021	16:33:26	78781.39	394753.49	40.88	Concrete	12,120	-0.02
08/18/2021	16:33:27	78781.61	394753.34	40.87	Concrete	12,120	-0.02
08/18/2021	16:33:28	78781.71	394753.43	40.86	Concrete	12,180	0.02
08/18/2021	16:33:29	78781.80	394753.33	40.85	Concrete	12,840	0.48
08/18/2021	16:33:30	78781.73	394753.59	40.85	Concrete	12,960	0.57
08/18/2021	16:33:31	78781.82	394753.61	40.84	Concrete	10,740	-1.00
08/18/2021	16:33:32	78781.93	394753.72	40.84	Concrete	9,960	-1.55
08/18/2021	16:33:33	78782.14	394753.66	40.83	Concrete	11,460	-0.49
08/18/2021	16:33:34	78782.31	394753.81	40.83	Concrete	12,060	-0.07
08/18/2021	16:33:35	78782.60	394753.75	40.83	Concrete	10,260	-1.34
08/18/2021	16:33:36	78782.77	394753.93	40.84	Concrete	10,620	-1.08
08/18/2021	16:33:37	78783.05	394753.90	40.82	Concrete	11,220	-0.66
08/18/2021	16:33:38	78783.30	394754.04	40.83	Concrete	12,000	-0.11
08/18/2021	16:33:39	78783.64	394754.01	40.84	Concrete	13,140	0.70
08/18/2021	16:33:40	78783.92	394754.05	40.84	Concrete	11,880	-0.19
08/18/2021	16:33:41	78784.25	394754.07	40.83	Concrete	11,100	-0.74
08/18/2021	16:33:42	78784.54	394753.96	40.81	Concrete	11,040	-0.79
08/18/2021	16:33:43	78784.85	394754.07	40.80	Concrete	12,240	0.06
08/18/2021	16:33:44	78785.21	394753.98	40.78	Concrete	12,120	-0.02

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08/18/2021	16:33:45	78785.48	394754.06	40.79	Concrete	11,220	-0.66
08/18/2021	16:33:46	78785.75	394754.13	40.78	Concrete	10,620	-1.08
08/18/2021	16:33:47	78786.12	394754.13	40.78	Concrete	13,320	0.82
08/18/2021	16:33:48	78786.42	394754.27	40.79	Concrete	11,040	-0.79
08/18/2021	16:33:49	78786.71	394754.30	40.81	Concrete	11,880	-0.19
08/18/2021	16:33:50	78787.06	394754.26	40.82	Concrete	11,940	-0.15
08/18/2021	16:33:51	78787.40	394754.35	40.85	Concrete	11,340	-0.57
08/18/2021	16:33:52	78787.77	394754.28	40.86	Concrete	12,360	0.15
08/18/2021	16:33:53	78788.11	394754.35	40.89	Concrete	12,240	0.06
08/18/2021	16:33:54	78788.54	394754.33	40.91	Concrete	11,280	-0.62
08/18/2021	16:33:55	78788.85	394754.21	40.92	Concrete	12,300	0.10
08/18/2021	16:33:56	78789.14	394754.20	40.91	Concrete	14,340	1.54
08/18/2021	16:33:57	78789.11	394753.98	40.91	Concrete	10,320	-1.29
08/18/2021	16:33:58	78789.29	394753.95	40.90	Concrete	11,340	-0.57
08/18/2021	16:33:59	78789.24	394754.07	40.89	Concrete	11,160	-0.70
08/18/2021	16:34:00	78789.35	394754.02	40.90	Concrete	13,440	0.91
08/18/2021	16:34:01	78789.33	394754.25	40.90	Concrete	11,040	-0.79
08/18/2021	16:34:02	78789.27	394754.18	40.90	Concrete	11,340	-0.57
08/18/2021	16:34:03	78789.26	394754.33	40.91	Concrete	14,340	1.54
08/18/2021	16:34:04	78789.20	394754.52	40.92	Concrete	11,400	-0.53
08/18/2021	16:34:05	78789.25	394754.73	40.94	Concrete	12,840	0.48
08/18/2021	16:34:06	78789.29	394754.55	40.95	Concrete	11,640	-0.36
08/18/2021	16:34:07	78789.15	394754.56	40.97	Concrete	11,580	-0.40
08/18/2021	16:34:08	78789.01	394754.51	40.98	Concrete	12,120	-0.02
08/18/2021	16:34:09	78788.76	394754.45	40.98	Concrete	12,420	0.19
08/18/2021	16:34:10	78788.56	394754.35	41.00	Concrete	11,280	-0.62
08/18/2021	16:34:11	78788.26	394754.37	40.97	Concrete	12,000	-0.11
08/18/2021	16:34:12	78788.26	394754.43	40.95	Concrete	11,460	-0.49
08/18/2021	16:34:13	78788.58	394754.43	40.96	Concrete	10,800	-0.95
08/18/2021	16:34:14	78788.85	394754.29	40.97	Concrete	12,120	-0.02
08/18/2021	16:34:15	78789.10	394754.26	40.98	Concrete	12,540	0.27
08/18/2021	16:34:16	78789.21	394754.08	40.96	Concrete	10,560	-1.12
08/18/2021	16:34:17	78789.24	394753.94	40.96	Concrete	10,980	-0.83
08/18/2021	16:34:18	78789.25	394753.80	40.95	Concrete	11,400	-0.53
08/18/2021	16:34:19	78789.32	394753.68	40.94	Concrete	10,860	-0.91
08/18/2021	16:34:20	78789.26	394753.53	40.93	Concrete	12,660	0.36
08/18/2021	16:34:21	78789.38	394753.37	40.93	Concrete	11,460	-0.49
08/18/2021	16:34:22	78789.36	394753.15	40.91	Concrete	12,660	0.36
08/18/2021	16:34:23	78789.36	394752.99	40.91	Concrete	11,220	-0.66
08/18/2021	16:34:24	78789.24	394752.82	40.92	Concrete	11,100	-0.74
08/18/2021	16:34:25	78789.12	394752.70	40.92	Concrete	11,640	-0.36
08/18/2021	16:34:26	78788.99	394752.53	40.92	Concrete	12,000	-0.11
08/18/2021	16:34:27	78788.79	394752.40	40.92	Concrete	12,120	-0.02
08/18/2021	16:34:28	78788.72	394752.18	40.95	Concrete	11,520	-0.45
08/18/2021	16:34:29	78788.51	394752.00	40.98	Concrete	11,400	-0.53
08/18/2021	16:34:30	78788.38	394751.74	40.98	Concrete	12,540	0.27
08/18/2021	16:34:31	78788.14	394751.57	40.97	Concrete	12,180	0.02
08/18/2021	16:34:32	78788.03	394751.37	40.97	Concrete	12,300	0.10
08/18/2021	16:34:33	78787.83	394751.18	40.98	Concrete	13,020	0.61
08/18/2021	16:34:34	78787.62	394750.94	40.99	Concrete	12,240	0.06
08/18/2021	16:34:35	78787.49	394750.75	40.99	Concrete	11,340	-0.57

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08/18/2021	16:34:36	78787.50	394750.86	40.98	Concrete	11,220	-0.66
08/18/2021	16:34:37	78787.40	394750.92	40.98	Concrete	11,700	-0.32
08/18/2021	16:34:38	78787.35	394751.12	40.97	Concrete	10,440	-1.21
08/18/2021	16:34:39	78787.17	394751.30	40.96	Concrete	11,940	-0.15
08/18/2021	16:34:40	78787.16	394751.54	40.95	Concrete	11,580	-0.40
08/18/2021	16:34:41	78786.95	394751.69	40.93	Concrete	13,020	0.61
08/18/2021	16:34:42	78786.91	394751.99	40.90	Concrete	13,560	0.99
08/18/2021	16:34:43	78786.72	394752.17	40.87	Concrete	10,920	-0.87
08/18/2021	16:34:44	78786.68	394752.43	40.86	Concrete	11,280	-0.62
08/18/2021	16:34:45	78786.64	394752.66	40.82	Concrete	12,540	0.27
08/18/2021	16:34:46	78786.48	394752.83	40.82	Concrete	11,460	-0.49
08/18/2021	16:34:47	78786.35	394753.05	40.82	Concrete	10,200	-1.38
08/18/2021	16:34:48	78786.23	394753.35	40.82	Concrete	11,580	-0.40
08/18/2021	16:34:49	78786.14	394753.61	40.83	Concrete	10,200	-1.38
08/18/2021	16:34:50	78786.13	394753.89	40.84	Concrete	12,780	0.44
08/18/2021	16:34:51	78786.07	394754.15	40.86	Concrete	12,060	-0.07
08/18/2021	16:34:52	78786.06	394754.45	40.85	Concrete	11,100	-0.74
08/18/2021	16:34:53	78785.99	394754.50	40.85	Concrete	12,180	0.02
08/18/2021	16:34:54	78786.06	394754.41	40.83	Concrete	11,940	-0.15
08/18/2021	16:34:55	78786.16	394754.29	40.81	Concrete	11,640	-0.36
08/18/2021	16:34:56	78786.15	394754.09	40.78	Concrete	11,880	-0.19
08/18/2021	16:34:57	78786.28	394753.92	40.75	Concrete	12,720	0.40
08/18/2021	16:34:58	78786.32	394753.70	40.72	Concrete	11,820	-0.24
08/18/2021	16:34:59	78786.49	394753.54	40.70	Concrete	11,340	-0.57
08/18/2021	16:35:00	78786.52	394753.12	40.70	Concrete	12,000	-0.11
08/18/2021	16:35:01	78786.73	394752.99	40.71	Concrete	10,980	-0.83
08/18/2021	16:35:02	78786.73	394752.70	40.73	Concrete	12,060	-0.07
08/18/2021	16:35:03	78786.90	394752.59	40.76	Concrete	13,320	0.82
08/18/2021	16:35:04	78786.87	394752.37	40.78	Concrete	10,560	-1.12
08/18/2021	16:35:05	78787.06	394752.27	40.79	Concrete	13,140	0.70
08/18/2021	16:35:06	78787.13	394752.05	40.79	Concrete	11,220	-0.66
08/18/2021	16:35:07	78787.26	394751.89	40.82	Concrete	11,940	-0.15
08/18/2021	16:35:08	78787.36	394751.70	40.83	Concrete	13,920	1.25
08/18/2021	16:35:09	78787.41	394751.48	40.81	Concrete	12,240	0.06
08/18/2021	16:35:10	78787.58	394751.34	40.84	Concrete	10,800	-0.95
08/18/2021	16:35:11	78787.79	394751.09	40.87	Concrete	12,180	0.02
08/18/2021	16:35:12	78787.97	394751.30	40.88	Concrete	13,200	0.74
08/18/2021	16:35:13	78788.10	394751.48	40.88	Concrete	12,060	-0.07
08/18/2021	16:35:14	78787.94	394751.48	40.88	Concrete	12,780	0.44
08/18/2021	16:35:15	78787.93	394751.67	40.85	Concrete	10,860	-0.91
08/18/2021	16:35:16	78787.74	394751.77	40.83	Concrete	10,560	-1.12
08/18/2021	16:35:17	78787.73	394752.00	40.80	Concrete	11,580	-0.40
08/18/2021	16:35:18	78787.53	394752.17	40.79	Concrete	11,400	-0.53
08/18/2021	16:35:19	78787.46	394752.46	40.79	Concrete	12,180	0.02
08/18/2021	16:35:20	78787.27	394752.58	40.78	Concrete	13,620	1.03
08/18/2021	16:35:21	78787.20	394752.75	40.75	Concrete	12,660	0.36
08/18/2021	16:35:22	78787.08	394752.80	40.75	Concrete	13,740	1.12
08/18/2021	16:35:23	78787.09	394753.14	40.80	Concrete	10,980	-0.83
08/18/2021	16:35:24	78787.02	394753.55	40.78	Concrete	12,060	-0.07
08/18/2021	16:35:25	78786.88	394753.58	40.81	Concrete	12,060	-0.07
08/18/2021	16:35:26	78786.71	394753.73	40.83	Concrete	11,160	-0.70

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08/18/2021	16:35:27	78786.71	394753.91	40.83	Concrete	10,320	-1.29
08/18/2021	16:35:28	78786.52	394754.10	40.83	Concrete	11,940	-0.15
08/18/2021	16:35:29	78786.39	394754.34	40.87	Concrete	11,340	-0.57
08/18/2021	16:35:30	78786.10	394754.57	40.86	Concrete	12,540	0.27
08/18/2021	16:35:31	78786.04	394754.62	40.85	Concrete	12,660	0.36
08/18/2021	16:35:32	78786.01	394754.40	40.82	Concrete	11,640	-0.36
08/18/2021	16:35:33	78786.02	394754.25	40.78	Concrete	12,660	0.36
08/18/2021	16:35:34	78786.20	394754.07	40.75	Concrete	11,580	-0.40
08/18/2021	16:35:35	78786.28	394753.90	40.75	Concrete	12,480	0.23
08/18/2021	16:35:36	78786.53	394753.74	40.77	Concrete	11,580	-0.40
08/18/2021	16:35:37	78786.58	394753.34	40.77	Concrete	10,620	-1.08
08/18/2021	16:35:38	78786.86	394753.17	40.77	Concrete	12,000	-0.11
08/18/2021	16:35:39	78786.81	394752.87	40.79	Concrete	10,680	-1.04
08/18/2021	16:35:40	78787.03	394752.87	40.78	Concrete	10,620	-1.08
08/18/2021	16:35:41	78787.04	394752.78	40.80	Concrete	10,260	-1.34
08/18/2021	16:35:42	78787.00	394752.55	40.81	Concrete	12,120	-0.02
08/18/2021	16:35:43	78787.20	394752.39	40.83	Concrete	11,340	-0.57
08/18/2021	16:35:44	78787.28	394752.16	40.83	Concrete	11,580	-0.40
08/18/2021	16:35:45	78787.47	394752.07	40.87	Concrete	11,280	-0.62
08/18/2021	16:35:46	78787.47	394751.81	40.89	Concrete	12,180	0.02
08/18/2021	16:35:47	78787.61	394751.72	40.88	Concrete	11,220	-0.66
08/18/2021	16:35:48	78787.62	394751.46	40.88	Concrete	11,580	-0.40
08/18/2021	16:35:49	78787.71	394751.31	40.91	Concrete	10,740	-1.00
08/18/2021	16:35:50	78787.70	394751.07	40.93	Concrete	12,360	0.15
08/18/2021	16:35:51	78787.88	394751.20	40.95	Concrete	12,660	0.36
08/18/2021	16:35:52	78788.16	394751.38	40.96	Concrete	12,600	0.31
08/18/2021	16:35:53	78788.04	394751.54	40.98	Concrete	12,900	0.53
08/18/2021	16:35:54	78788.12	394751.82	40.94	Concrete	13,200	0.74
08/18/2021	16:35:55	78787.92	394751.94	40.93	Concrete	12,360	0.15
08/18/2021	16:35:56	78787.86	394752.12	40.90	Concrete	12,060	-0.07
08/18/2021	16:35:57	78787.68	394752.15	40.88	Concrete	11,880	-0.19
08/18/2021	16:35:58	78787.62	394752.36	40.87	Concrete	12,900	0.53
08/18/2021	16:35:59	78787.44	394752.47	40.87	Concrete	10,920	-0.87
08/18/2021	16:36:00	78787.43	394752.69	40.87	Concrete	12,540	0.27
08/18/2021	16:36:01	78787.26	394752.90	40.89	Concrete	11,160	-0.70
08/18/2021	16:36:02	78787.28	394753.38	40.89	Concrete	11,280	-0.62
08/18/2021	16:36:03	78787.05	394753.57	40.90	Concrete	12,060	-0.07
08/18/2021	16:36:04	78786.98	394753.76	40.87	Concrete	13,800	1.16
08/18/2021	16:36:05	78786.79	394753.85	40.88	Concrete	10,320	-1.29
08/18/2021	16:36:06	78786.70	394754.12	40.88	Concrete	11,340	-0.57
08/18/2021	16:36:07	78786.46	394754.31	40.92	Concrete	13,500	0.95
08/18/2021	16:36:08	78786.37	394754.57	40.95	Concrete	13,320	0.82
08/18/2021	16:36:09	78786.38	394754.68	40.95	Concrete	13,320	0.82
08/18/2021	16:36:10	78786.52	394754.66	40.93	Concrete	12,480	0.23
08/18/2021	16:36:11	78786.56	394754.55	40.92	Concrete	12,840	0.48
08/18/2021	16:36:12	78786.63	394754.42	40.89	Concrete	12,540	0.27
08/18/2021	16:36:13	78786.72	394754.30	40.89	Concrete	11,940	-0.15
08/18/2021	16:36:14	78786.75	394754.12	40.87	Concrete	12,300	0.10
08/18/2021	16:36:15	78786.90	394753.95	40.84	Concrete	12,000	-0.11
08/18/2021	16:36:16	78786.98	394753.79	40.82	Concrete	13,620	1.03
08/18/2021	16:36:17	78787.12	394753.61	40.82	Concrete	11,940	-0.15

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08/18/2021	16:36:18	78787.18	394753.39	40.81	Concrete	11,880	-0.19
08/18/2021	16:36:19	78787.29	394753.21	40.83	Concrete	11,760	-0.28
08/18/2021	16:36:20	78787.24	394752.97	40.84	Concrete	11,400	-0.53
08/18/2021	16:36:21	78787.38	394752.79	40.85	Concrete	11,820	-0.24
08/18/2021	16:36:22	78787.34	394752.58	40.85	Concrete	11,820	-0.24
08/18/2021	16:36:23	78787.55	394752.44	40.87	Concrete	13,800	1.16
08/18/2021	16:36:24	78787.63	394752.23	40.88	Concrete	12,300	0.10
08/18/2021	16:36:25	78787.86	394752.15	40.94	Concrete	12,300	0.10
08/18/2021	16:36:26	78787.94	394751.84	40.96	Concrete	11,040	-0.79
08/18/2021	16:36:27	78788.22	394751.85	40.97	Concrete	12,540	0.27
08/18/2021	16:36:28	78788.47	394751.83	40.95	Concrete	12,720	0.40
08/18/2021	16:36:29	78788.45	394751.93	40.93	Concrete	13,140	0.70
08/18/2021	16:36:30	78788.28	394751.95	40.92	Concrete	10,980	-0.83
08/18/2021	16:36:31	78788.25	394752.09	40.91	Concrete	12,600	0.31
08/18/2021	16:36:32	78788.11	394752.18	40.90	Concrete	10,560	-1.12
08/18/2021	16:36:33	78788.02	394752.34	40.89	Concrete	12,240	0.06
08/18/2021	16:36:34	78787.88	394752.47	40.89	Concrete	11,580	-0.40
08/18/2021	16:36:35	78787.82	394752.68	40.89	Concrete	11,220	-0.66
08/18/2021	16:36:36	78787.64	394752.85	40.88	Concrete	12,120	-0.02
08/18/2021	16:36:37	78787.60	394753.03	40.87	Concrete	13,080	0.65
08/18/2021	16:36:38	78787.47	394753.18	40.88	Concrete	11,520	-0.45
08/18/2021	16:36:39	78787.36	394753.49	40.88	Concrete	11,820	-0.24
08/18/2021	16:36:40	78787.16	394753.63	40.89	Concrete	12,120	-0.02
08/18/2021	16:36:41	78787.10	394753.85	40.88	Concrete	11,820	-0.24
08/18/2021	16:36:42	78786.90	394753.99	40.89	Concrete	11,400	-0.53
08/18/2021	16:36:43	78786.80	394754.31	40.92	Concrete	9,960	-1.55
08/18/2021	16:36:44	78786.54	394754.52	40.92	Concrete	11,580	-0.40
08/18/2021	16:36:45	78786.58	394754.75	40.91	Concrete	12,600	0.31
08/18/2021	16:36:46	78786.56	394754.87	40.91	Concrete	13,200	0.74
08/18/2021	16:36:47	78786.69	394754.78	40.89	Concrete	11,160	-0.70
08/18/2021	16:36:48	78786.73	394754.59	40.88	Concrete	10,860	-0.91
08/18/2021	16:36:49	78786.89	394754.52	40.88	Concrete	11,580	-0.40
08/18/2021	16:36:50	78787.00	394754.37	40.89	Concrete	10,680	-1.04
08/18/2021	16:36:51	78787.15	394754.22	40.88	Concrete	12,360	0.15
08/18/2021	16:36:52	78787.22	394754.03	40.86	Concrete	12,120	-0.02
08/18/2021	16:36:53	78787.35	394753.85	40.84	Concrete	12,720	0.40
08/18/2021	16:36:54	78787.42	394753.67	40.83	Concrete	11,940	-0.15
08/18/2021	16:36:55	78787.51	394753.52	40.81	Concrete	12,600	0.31
08/18/2021	16:36:56	78787.58	394753.31	40.81	Concrete	13,200	0.74
08/18/2021	16:36:57	78787.73	394753.17	40.80	Concrete	11,100	-0.74
08/18/2021	16:36:58	78787.80	394753.02	40.81	Concrete	13,380	0.86
08/18/2021	16:36:59	78787.93	394752.85	40.81	Concrete	11,040	-0.79
08/18/2021	16:37:00	78788.01	394752.63	40.83	Concrete	10,620	-1.08
08/18/2021	16:37:01	78788.11	394752.47	40.85	Concrete	11,340	-0.57
08/18/2021	16:37:02	78788.31	394752.24	40.87	Concrete	11,640	-0.36
08/18/2021	16:37:03	78788.46	394752.17	40.91	Concrete	9,660	-1.76
08/18/2021	16:37:04	78788.80	394752.25	40.93	Concrete	12,360	0.15
08/18/2021	16:37:05	78788.86	394752.27	40.93	Concrete	12,420	0.19
08/18/2021	16:37:06	78788.76	394752.35	40.93	Concrete	12,900	0.53
08/18/2021	16:37:07	78788.63	394752.48	40.93	Concrete	12,180	0.02
08/18/2021	16:37:08	78788.52	394752.54	40.93	Concrete	10,620	-1.08

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08/18/2021	16:37:09	78788.46	394752.76	40.92	Concrete	13,140	0.70
08/18/2021	16:37:10	78788.21	394752.70	40.91	Concrete	13,260	0.78
08/18/2021	16:37:11	78788.15	394752.84	40.89	Concrete	12,660	0.36
08/18/2021	16:37:12	78788.02	394752.97	40.91	Concrete	13,680	1.08
08/18/2021	16:37:13	78787.88	394753.08	40.90	Concrete	10,680	-1.04
08/18/2021	16:37:14	78787.77	394753.29	40.90	Concrete	11,640	-0.36
08/18/2021	16:37:15	78787.62	394753.47	40.90	Concrete	12,960	0.57
08/18/2021	16:37:16	78787.55	394753.68	40.91	Concrete	11,400	-0.53
08/18/2021	16:37:17	78787.36	394753.89	40.92	Concrete	11,160	-0.70
08/18/2021	16:37:18	78787.22	394754.15	40.94	Concrete	10,140	-1.42
08/18/2021	16:37:19	78786.99	394754.35	40.97	Concrete	11,520	-0.45
08/18/2021	16:37:20	78786.75	394754.61	40.95	Concrete	11,160	-0.70
08/18/2021	16:37:21	78786.74	394754.61	40.97	Concrete	10,740	-1.00
08/18/2021	16:37:22	78786.93	394754.73	40.95	Concrete	12,120	-0.02
08/18/2021	16:37:23	78787.01	394754.73	40.95	Concrete	10,980	-0.83
08/18/2021	16:37:24	78787.04	394754.51	40.93	Concrete	12,180	0.02
08/18/2021	16:37:25	78787.25	394754.45	40.92	Concrete	13,980	1.29
08/18/2021	16:37:26	78787.25	394754.21	40.91	Concrete	11,760	-0.28
08/18/2021	16:37:27	78787.43	394754.06	40.92	Concrete	12,000	-0.11
08/18/2021	16:37:28	78787.43	394753.78	40.90	Concrete	12,180	0.02
08/18/2021	16:37:29	78787.61	394753.65	40.90	Concrete	11,640	-0.36
08/18/2021	16:37:30	78787.63	394753.34	40.89	Concrete	11,520	-0.45
08/18/2021	16:37:31	78787.83	394753.16	40.89	Concrete	11,520	-0.45
08/18/2021	16:37:32	78787.92	394752.88	40.90	Concrete	11,340	-0.57
08/18/2021	16:37:33	78788.16	394752.68	40.92	Concrete	13,860	1.20
08/18/2021	16:37:34	78788.30	394752.40	40.96	Concrete	11,940	-0.15
08/18/2021	16:37:35	78788.56	394752.28	40.98	Concrete	13,140	0.70
08/18/2021	16:37:36	78788.72	394752.23	40.99	Concrete	11,700	-0.32
08/18/2021	16:37:37	78788.85	394752.50	40.99	Concrete	12,960	0.57
08/18/2021	16:37:38	78788.91	394752.69	40.99	Concrete	11,760	-0.28
08/18/2021	16:37:39	78788.76	394752.79	40.98	Concrete	11,700	-0.32
08/18/2021	16:37:40	78788.66	394753.04	40.96	Concrete	12,240	0.06
08/18/2021	16:37:41	78788.46	394753.16	40.97	Concrete	12,960	0.57
08/18/2021	16:37:42	78788.37	394753.39	40.94	Concrete	12,060	-0.07
08/18/2021	16:37:43	78788.13	394753.51	40.95	Concrete	12,480	0.23
08/18/2021	16:37:44	78788.03	394753.73	40.93	Concrete	12,180	0.02
08/18/2021	16:37:45	78787.80	394753.79	40.93	Concrete	12,900	0.53
08/18/2021	16:37:46	78787.61	394754.07	40.92	Concrete	13,620	1.03
08/18/2021	16:37:47	78787.35	394754.25	40.95	Concrete	11,880	-0.19
08/18/2021	16:37:48	78787.00	394754.58	40.93	Concrete	10,380	-1.25
08/18/2021	16:37:49	78786.66	394754.54	40.93	Concrete	12,420	0.19
08/18/2021	16:37:50	78786.55	394754.46	40.93	Concrete	12,540	0.27
08/18/2021	16:37:51	78786.81	394754.41	40.92	Concrete	12,180	0.02
08/18/2021	16:37:52	78786.91	394754.11	40.90	Concrete	13,560	0.99
08/18/2021	16:37:53	78787.14	394754.02	40.91	Concrete	12,060	-0.07
08/18/2021	16:37:54	78787.24	394753.74	40.91	Concrete	11,700	-0.32
08/18/2021	16:37:55	78787.48	394753.66	40.91	Concrete	8,940	-2.27
08/18/2021	16:37:56	78787.52	394753.39	40.90	Concrete	12,240	0.06
08/18/2021	16:37:57	78787.76	394753.31	40.90	Concrete	10,980	-0.83
08/18/2021	16:37:58	78787.84	394753.12	40.92	Concrete	12,060	-0.07
08/18/2021	16:37:59	78788.03	394753.13	40.94	Concrete	12,000	-0.11

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08/18/2021	16:38:00	78788.05	394753.26	40.94	Concrete	11,460	-0.49
08/18/2021	16:38:01	78787.89	394753.36	40.94	Concrete	12,600	0.31
08/18/2021	16:38:02	78787.97	394753.56	40.93	Concrete	13,200	0.74
08/18/2021	16:38:03	78787.74	394753.58	40.92	Concrete	12,240	0.06
08/18/2021	16:38:04	78787.78	394753.78	40.92	Concrete	12,480	0.23
08/18/2021	16:38:05	78787.71	394753.82	40.89	Concrete	9,060	-2.18
08/18/2021	16:38:06	78787.76	394753.80	40.88	Concrete	11,040	-0.79
08/18/2021	16:38:07	78787.81	394753.62	40.89	Concrete	13,080	0.65
08/18/2021	16:38:08	78787.90	394753.50	40.89	Concrete	11,280	-0.62
08/18/2021	16:38:09	78788.00	394753.26	40.90	Concrete	11,100	-0.74
08/18/2021	16:38:10	78788.13	394753.13	40.90	Concrete	13,440	0.91
08/18/2021	16:38:11	78788.23	394752.95	40.92	Concrete	11,280	-0.62
08/18/2021	16:38:12	78788.32	394752.81	40.95	Concrete	10,800	-0.95
08/18/2021	16:38:13	78788.52	394752.62	40.97	Concrete	11,460	-0.49
08/18/2021	16:38:14	78788.71	394752.47	41.01	Concrete	9,840	-1.63
08/18/2021	16:38:15	78789.06	394752.62	41.03	Concrete	11,040	-0.79
08/18/2021	16:38:16	78789.10	394752.75	41.03	Concrete	12,300	0.10
08/18/2021	16:38:17	78789.16	394752.91	41.01	Concrete	11,940	-0.15
08/18/2021	16:38:18	78788.99	394752.92	40.99	Concrete	11,400	-0.53
08/18/2021	16:38:19	78788.97	394753.09	40.98	Concrete	11,820	-0.24
08/18/2021	16:38:20	78788.73	394753.04	40.97	Concrete	12,420	0.19
08/18/2021	16:38:21	78788.61	394753.28	40.96	Concrete	13,980	1.29
08/18/2021	16:38:22	78788.42	394753.29	40.98	Concrete	12,060	-0.07
08/18/2021	16:38:23	78788.37	394753.56	40.96	Concrete	10,980	-0.83
08/18/2021	16:38:24	78788.15	394753.65	40.99	Concrete	13,260	0.78
08/18/2021	16:38:25	78788.06	394753.97	40.98	Concrete	13,140	0.70
08/18/2021	16:38:26	78787.80	394754.09	40.99	Concrete	11,820	-0.24
08/18/2021	16:38:27	78787.72	394754.35	40.97	Concrete	12,720	0.40
08/18/2021	16:38:28	78787.49	394754.40	41.00	Concrete	10,860	-0.91
08/18/2021	16:38:29	78787.41	394754.63	40.99	Concrete	11,400	-0.53
08/18/2021	16:38:30	78787.22	394754.87	40.99	Concrete	10,920	-0.87
08/18/2021	16:38:31	78787.25	394754.75	41.00	Concrete	11,760	-0.28
08/18/2021	16:38:32	78787.49	394754.87	40.99	Concrete	10,560	-1.12
08/18/2021	16:38:33	78787.58	394754.69	40.99	Concrete	11,160	-0.70
08/18/2021	16:38:34	78787.79	394754.76	40.98	Concrete	12,540	0.27
08/18/2021	16:38:35	78787.87	394754.64	40.98	Concrete	11,820	-0.24
08/18/2021	16:38:36	78788.01	394754.49	40.98	Concrete	10,800	-0.95
08/18/2021	16:38:37	78788.08	394754.26	40.98	Concrete	10,620	-1.08
08/18/2021	16:38:38	78788.23	394754.12	40.96	Concrete	11,160	-0.70
08/18/2021	16:38:39	78788.32	394753.92	40.96	Concrete	13,500	0.95
08/18/2021	16:38:40	78788.48	394753.82	40.96	Concrete	12,060	-0.07
08/18/2021	16:38:41	78788.60	394753.66	40.95	Concrete	14,460	1.63
08/18/2021	16:38:42	78788.75	394753.54	40.93	Concrete	12,240	0.06
08/18/2021	16:38:43	78788.87	394753.46	40.93	Concrete	10,860	-0.91
08/18/2021	16:38:44	78788.96	394753.24	40.95	Concrete	11,700	-0.32
08/18/2021	16:38:45	78789.16	394753.10	40.96	Concrete	11,520	-0.45
08/18/2021	16:38:46	78789.26	394752.96	40.99	Concrete	12,060	-0.07
08/18/2021	16:38:47	78789.51	394752.97	41.00	Concrete	12,120	-0.02
08/18/2021	16:38:48	78789.42	394753.03	41.01	Concrete	10,680	-1.04
08/18/2021	16:38:49	78789.40	394753.24	41.01	Concrete	11,400	-0.53
08/18/2021	16:38:50	78789.22	394753.26	40.99	Concrete	12,360	0.15

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08/18/2021	16:38:51	78789.09	394753.47	40.99	Concrete	10,980	-0.83
08/18/2021	16:38:52	78788.93	394753.53	40.98	Concrete	10,620	-1.08
08/18/2021	16:38:53	78788.83	394753.74	40.97	Concrete	14,280	1.50
08/18/2021	16:38:54	78788.68	394753.82	40.97	Concrete	12,300	0.10
08/18/2021	16:38:55	78788.62	394754.07	40.97	Concrete	12,300	0.10
08/18/2021	16:38:56	78788.36	394754.17	40.97	Concrete	12,960	0.57
08/18/2021	16:38:57	78788.24	394754.45	40.98	Concrete	11,460	-0.49
08/18/2021	16:38:58	78787.98	394754.67	41.01	Concrete	11,640	-0.36
08/18/2021	16:38:59	78787.96	394754.92	40.99	Concrete	13,080	0.65
08/18/2021	16:39:00	78787.99	394755.01	40.99	Concrete	12,360	0.15
08/18/2021	16:39:01	78788.20	394755.03	40.95	Concrete	11,400	-0.53
08/18/2021	16:39:02	78788.23	394754.79	40.92	Concrete	11,280	-0.62
08/18/2021	16:39:03	78788.43	394754.69	40.91	Concrete	12,660	0.36
08/18/2021	16:39:04	78788.48	394754.39	40.91	Concrete	14,280	1.50
08/18/2021	16:39:05	78788.67	394754.34	40.90	Concrete	12,420	0.19
08/18/2021	16:39:06	78788.66	394754.06	40.89	Concrete	11,700	-0.32
08/18/2021	16:39:07	78788.81	394753.93	40.90	Concrete	10,920	-0.87
08/18/2021	16:39:08	78788.79	394753.70	40.90	Concrete	11,400	-0.53
08/18/2021	16:39:09	78788.98	394753.57	40.91	Concrete	11,640	-0.36
08/18/2021	16:39:10	78789.01	394753.37	40.93	Concrete	12,900	0.53
08/18/2021	16:39:26	78787.67	394749.92	40.62	Concrete	11,040	-0.79
08/18/2021	16:39:27	78787.70	394749.92	40.64	Concrete	10,920	-0.87
08/18/2021	16:39:28	78787.64	394750.04	40.68	Concrete	11,580	-0.40
08/18/2021	16:39:29	78787.50	394750.12	40.74	Concrete	13,920	1.25
08/18/2021	16:39:30	78787.25	394749.97	40.78	Concrete	12,240	0.06
08/18/2021	16:39:31	78787.19	394750.07	40.78	Concrete	12,540	0.27
08/18/2021	16:39:32	78786.99	394750.18	40.86	Concrete	9,480	-1.89
08/18/2021	16:39:33	78786.90	394750.19	40.90	Concrete	10,680	-1.04
08/18/2021	16:39:34	78786.68	394750.13	40.93	Concrete	11,100	-0.74
08/18/2021	16:39:35	78786.47	394750.06	40.93	Concrete	11,220	-0.66
08/18/2021	16:39:36	78786.25	394750.10	40.95	Concrete	11,040	-0.79
08/18/2021	16:39:37	78786.13	394749.98	40.98	Concrete	10,260	-1.34
08/18/2021	16:39:38	78785.86	394749.98	40.99	Concrete	10,860	-0.91
08/18/2021	16:39:39	78785.61	394749.96	40.99	Concrete	12,120	-0.02
08/18/2021	16:39:40	78785.49	394749.82	40.81	Concrete	12,360	0.15
08/18/2021	16:39:41	78785.20	394749.97	40.79	Concrete	12,540	0.27
08/18/2021	16:39:42	78785.09	394749.79	40.79	Concrete	12,660	0.36
08/18/2021	16:39:43	78784.89	394749.88	40.80	Concrete	10,980	-0.83
08/18/2021	16:39:43	78784.73	394749.72	40.77	Concrete	11,760	-0.28
08/18/2021	16:39:45	78784.49	394749.68	40.72	Concrete	12,060	-0.07
08/18/2021	16:39:46	78784.32	394749.61	40.78	Concrete	12,960	0.57
08/18/2021	16:39:47	78784.10	394749.82	40.77	Concrete	11,700	-0.32
08/18/2021	16:39:48	78784.02	394749.74	40.79	Concrete	13,020	0.61
08/18/2021	16:39:49	78783.84	394749.87	40.79	Concrete	13,440	0.91
08/18/2021	16:39:50	78783.74	394749.76	40.79	Concrete	10,740	-1.00
08/18/2021	16:39:51	78783.57	394749.88	40.80	Concrete	12,840	0.48
08/18/2021	16:39:51	78783.48	394749.77	40.80	Concrete	12,900	0.53
08/18/2021	16:39:52	78783.31	394749.90	40.81	Concrete	12,720	0.40
08/18/2021	16:39:53	78783.18	394749.82	40.81	Concrete	13,080	0.65
08/18/2021	16:39:55	78783.02	394749.84	40.81	Concrete	13,740	1.12
08/18/2021	16:39:55	78782.90	394749.72	40.82	Concrete	13,080	0.65

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08/18/2021	16:39:56	78782.71	394749.84	40.82	Concrete	13,440	0.91
08/18/2021	16:39:57	78782.56	394749.69	40.81	Concrete	12,900	0.53
08/18/2021	16:39:58	78782.31	394749.73	40.79	Concrete	13,740	1.12
08/18/2021	16:39:59	78782.17	394749.57	40.79	Concrete	12,360	0.15
08/18/2021	16:40:00	78781.91	394749.58	40.80	Concrete	12,720	0.40
08/18/2021	16:40:01	78781.54	394749.43	40.85	Concrete	11,940	-0.15
08/18/2021	16:40:02	78781.39	394749.56	40.98	Concrete	12,060	-0.07
08/18/2021	16:40:03	78781.29	394749.56	40.98	Concrete	11,520	-0.45
08/18/2021	16:40:04	78781.15	394749.67	40.98	Concrete	12,240	0.06
08/18/2021	16:40:05	78781.02	394749.59	41.03	Concrete	13,560	0.99
08/18/2021	16:40:06	78780.80	394749.69	41.03	Concrete	12,600	0.31
08/18/2021	16:40:07	78780.55	394749.64	41.02	Concrete	12,900	0.53
08/18/2021	16:40:08	78780.29	394749.63	41.04	Concrete	11,580	-0.40
08/18/2021	16:40:09	78780.03	394749.71	41.04	Concrete	10,260	-1.34
08/18/2021	16:40:10	78779.89	394749.58	40.95	Concrete	12,540	0.27
08/18/2021	16:40:11	78779.65	394749.61	40.95	Concrete	11,100	-0.74
08/18/2021	16:40:12	78779.58	394749.35	40.71	Concrete	12,360	0.15
08/18/2021	16:40:13	78779.29	394749.26	40.67	Concrete	11,460	-0.49
08/18/2021	16:40:14	78779.35	394749.25	40.68	Concrete	13,920	1.25
08/18/2021	16:40:15	78779.39	394749.15	40.68	Concrete	11,640	-0.36
08/18/2021	16:40:16	78779.63	394749.11	40.88	Concrete	13,620	1.03
08/18/2021	16:40:17	78780.06	394749.28	40.89	Concrete	11,100	-0.74
08/18/2021	16:40:18	78780.10	394749.27	40.89	Concrete	12,900	0.53
08/18/2021	16:40:19	78780.16	394749.30	40.89	Concrete	10,260	-1.34
08/18/2021	16:40:20	78780.35	394749.27	40.87	Concrete	9,840	-1.63
08/18/2021	16:40:21	78780.53	394749.31	40.90	Concrete	12,180	0.02
08/18/2021	16:40:22	78780.79	394749.28	40.90	Concrete	10,980	-0.83
08/18/2021	16:40:23	78780.96	394749.34	40.90	Concrete	12,180	0.02
08/18/2021	16:40:24	78781.13	394749.36	40.89	Concrete	13,080	0.65
08/18/2021	16:40:25	78781.26	394749.42	40.89	Concrete	13,620	1.03
08/18/2021	16:40:26	78781.41	394749.35	40.79	Concrete	12,960	0.57
08/18/2021	16:40:27	78781.63	394749.31	40.71	Concrete	13,440	0.91
08/18/2021	16:40:28	78781.74	394749.33	40.72	Concrete	12,900	0.53
08/18/2021	16:40:29	78781.97	394749.41	40.72	Concrete	13,980	1.29
08/18/2021	16:40:30	78782.11	394749.41	40.71	Concrete	12,600	0.31
08/18/2021	16:40:31	78782.37	394749.47	40.71	Concrete	12,000	-0.11
08/18/2021	16:40:32	78782.61	394749.54	40.73	Concrete	13,440	0.91
08/18/2021	16:40:33	78782.87	394749.47	40.73	Concrete	13,680	1.08
08/18/2021	16:40:34	78783.12	394749.57	40.75	Concrete	13,200	0.74
08/18/2021	16:40:35	78783.31	394749.53	40.75	Concrete	11,280	-0.62
08/18/2021	16:40:36	78783.59	394749.62	40.74	Concrete	10,980	-0.83
08/18/2021	16:40:38	78783.77	394749.53	40.73	Concrete	15,660	2.47
08/18/2021	16:40:38	78784.04	394749.63	40.73	Concrete	12,900	0.53
08/18/2021	16:40:39	78784.30	394749.58	40.70	Concrete	12,900	0.53
08/18/2021	16:40:40	78784.62	394749.57	40.72	Concrete	13,140	0.70
08/18/2021	16:40:41	78784.83	394749.70	40.72	Concrete	12,600	0.31
08/18/2021	16:40:42	78785.15	394749.78	40.77	Concrete	11,280	-0.62
08/18/2021	16:40:43	78785.54	394749.72	40.89	Concrete	13,020	0.61
08/18/2021	16:40:44	78785.71	394749.71	40.89	Concrete	11,520	-0.45
08/18/2021	16:40:45	78785.91	394749.82	40.87	Concrete	11,160	-0.70
08/18/2021	16:40:47	78786.18	394749.77	40.85	Concrete	12,240	0.06

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08/18/2021	16:40:47	78786.49	394749.88	40.83	Concrete	11,880	-0.19
08/18/2021	16:40:48	78786.80	394749.98	40.83	Concrete	13,080	0.65
08/18/2021	16:40:50	78787.04	394749.84	40.71	Concrete	10,920	-0.87
08/18/2021	16:40:50	78787.34	394749.90	40.71	Concrete	11,520	-0.45
08/18/2021	16:40:51	78787.30	394749.66	40.69	Concrete	11,220	-0.66
08/18/2021	16:40:52	78787.13	394749.74	40.71	Concrete	12,900	0.53
08/18/2021	16:40:53	78786.91	394749.68	40.73	Concrete	11,160	-0.70
08/18/2021	16:40:54	78786.66	394749.65	40.80	Concrete	12,060	-0.07
08/18/2021	16:40:55	78786.34	394749.72	40.83	Concrete	13,140	0.70
08/18/2021	16:40:56	78786.21	394749.59	40.84	Concrete	11,700	-0.32
08/18/2021	16:40:57	78785.96	394749.68	40.88	Concrete	12,600	0.31
08/18/2021	16:40:58	78785.84	394749.54	40.86	Concrete	13,140	0.70
08/18/2021	16:40:59	78785.43	394749.70	40.77	Concrete	13,560	0.99
08/18/2021	16:41:00	78785.29	394749.57	40.73	Concrete	12,840	0.48
08/18/2021	16:41:01	78785.16	394749.62	40.73	Concrete	13,320	0.82
08/18/2021	16:41:02	78784.99	394749.53	40.69	Concrete	13,560	0.99
08/18/2021	16:41:03	78784.67	394749.58	40.71	Concrete	13,920	1.25
08/18/2021	16:41:04	78784.46	394749.45	40.69	Concrete	12,180	0.02
08/18/2021	16:41:05	78784.16	394749.53	40.70	Concrete	11,580	-0.40
08/18/2021	16:41:07	78783.95	394749.43	40.67	Concrete	13,800	1.16
08/18/2021	16:41:07	78783.66	394749.46	40.67	Concrete	15,180	2.13
08/18/2021	16:41:08	78783.41	394749.44	40.67	Concrete	11,760	-0.28
08/18/2021	16:41:09	78783.23	394749.35	40.68	Concrete	14,040	1.33
08/18/2021	16:41:10	78782.94	394749.40	40.68	Concrete	13,200	0.74
08/18/2021	16:41:11	78782.74	394749.35	40.68	Concrete	12,480	0.23
08/18/2021	16:41:12	78782.55	394749.30	40.70	Concrete	13,920	1.25
08/18/2021	16:41:13	78782.27	394749.42	40.72	Concrete	11,160	-0.70
08/18/2021	16:41:14	78782.04	394749.28	40.74	Concrete	12,060	-0.07
08/18/2021	16:41:15	78781.72	394749.39	40.76	Concrete	11,460	-0.49
08/18/2021	16:41:17	78781.43	394749.19	40.84	Concrete	12,180	0.02
08/18/2021	16:41:17	78781.27	394749.32	40.86	Concrete	12,360	0.15
08/18/2021	16:41:18	78781.20	394749.13	40.86	Concrete	12,780	0.44
08/18/2021	16:41:19	78780.98	394749.28	40.91	Concrete	11,640	-0.36
08/18/2021	16:41:20	78780.81	394749.20	40.91	Concrete	12,900	0.53
08/18/2021	16:41:21	78780.51	394749.31	40.94	Concrete	13,080	0.65
08/18/2021	16:41:22	78780.23	394749.18	40.93	Concrete	12,240	0.06
08/18/2021	16:41:23	78780.05	394749.08	40.75	Concrete	13,320	0.82
08/18/2021	16:41:24	78779.64	394749.09	40.74	Concrete	10,740	-1.00
08/18/2021	16:41:25	78779.71	394748.81	40.71	Concrete	12,120	-0.02
08/18/2021	16:41:26	78779.83	394748.83	40.70	Concrete	12,660	0.36
08/18/2021	16:41:27	78780.03	394748.69	40.70	Concrete	13,200	0.74
08/18/2021	16:41:28	78780.22	394748.81	40.69	Concrete	10,260	-1.34
08/18/2021	16:41:29	78780.39	394748.90	40.76	Concrete	13,920	1.25
08/18/2021	16:41:30	78780.55	394748.93	40.77	Concrete	11,760	-0.28
08/18/2021	16:41:31	78780.76	394748.93	40.76	Concrete	10,200	-1.38
08/18/2021	16:41:32	78780.93	394749.06	40.77	Concrete	11,400	-0.53
08/18/2021	16:41:33	78781.15	394749.07	40.76	Concrete	13,320	0.82
08/18/2021	16:41:34	78781.33	394749.05	40.72	Concrete	13,380	0.86
08/18/2021	16:41:35	78781.56	394749.21	40.58	Concrete	11,940	-0.15
08/18/2021	16:41:36	78781.80	394749.16	40.54	Concrete	12,780	0.44
08/18/2021	16:41:38	78782.01	394749.15	40.54	Concrete	12,600	0.31

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08/18/2021	16:41:38	78782.24	394749.26	40.55	Concrete	12,900	0.53
08/18/2021	16:41:39	78782.49	394749.18	40.55	Concrete	13,740	1.12
08/18/2021	16:41:40	78782.63	394749.30	40.54	Concrete	13,020	0.61
08/18/2021	16:41:41	78782.85	394749.30	40.54	Concrete	12,060	-0.07
08/18/2021	16:41:42	78783.03	394749.21	40.52	Concrete	12,000	-0.11
08/18/2021	16:41:43	78783.26	394749.31	40.54	Concrete	13,260	0.78
08/18/2021	16:41:45	78783.45	394749.29	40.53	Concrete	11,100	-0.74
08/18/2021	16:41:45	78783.66	394749.29	40.54	Concrete	13,380	0.86
08/18/2021	16:41:46	78783.90	394749.34	40.54	Concrete	12,780	0.44
08/18/2021	16:41:47	78784.14	394749.34	40.54	Concrete	13,560	0.99
08/18/2021	16:41:48	78784.37	394749.29	40.54	Concrete	13,380	0.86
08/18/2021	16:41:49	78784.56	394749.48	40.57	Concrete	13,740	1.12
08/18/2021	16:41:50	78784.87	394749.42	40.55	Concrete	11,580	-0.40
08/18/2021	16:41:51	78785.15	394749.56	40.58	Concrete	12,720	0.40
08/18/2021	16:41:52	78785.47	394749.36	40.70	Concrete	11,580	-0.40
08/18/2021	16:41:54	78785.60	394749.47	40.72	Concrete	14,040	1.33
08/18/2021	16:41:54	78785.81	394749.53	40.73	Concrete	12,420	0.19
08/18/2021	16:41:55	78786.10	394749.48	40.73	Concrete	13,620	1.03
08/18/2021	16:41:57	78786.33	394749.62	40.71	Concrete	11,760	-0.28
08/18/2021	16:41:57	78786.58	394749.60	40.71	Concrete	11,100	-0.74
08/18/2021	16:41:58	78786.88	394749.51	40.65	Concrete	11,280	-0.62
08/18/2021	16:41:59	78786.94	394749.38	40.59	Concrete	12,420	0.19
08/18/2021	16:42:01	78786.88	394749.23	40.57	Concrete	11,880	-0.19
08/18/2021	16:42:01	78786.72	394749.16	40.57	Concrete	9,660	-1.76
08/18/2021	16:42:02	78786.47	394749.22	40.60	Concrete	12,240	0.06
08/18/2021	16:42:03	78786.22	394749.13	40.61	Concrete	10,680	-1.04
08/18/2021	16:42:04	78785.97	394749.13	40.62	Concrete	12,540	0.27
08/18/2021	16:42:05	78785.69	394749.15	40.64	Concrete	11,580	-0.40
08/18/2021	16:42:06	78785.54	394749.07	40.55	Concrete	12,900	0.53
08/18/2021	16:42:07	78785.34	394749.07	40.46	Concrete	13,200	0.74
08/18/2021	16:42:09	78785.25	394749.03	40.51	Concrete	11,940	-0.15
08/18/2021	16:42:09	78785.06	394749.09	40.51	Concrete	11,100	-0.74
08/18/2021	16:42:10	78784.92	394748.96	40.49	Concrete	14,520	1.67
08/18/2021	16:42:11	78784.70	394749.08	40.52	Concrete	11,040	-0.79
08/18/2021	16:42:12	78784.54	394748.94	40.48	Concrete	14,700	1.80
08/18/2021	16:42:13	78784.24	394748.95	40.49	Concrete	13,560	0.99
08/18/2021	16:42:14	78784.05	394748.90	40.48	Concrete	11,760	-0.28
08/18/2021	16:42:15	78783.80	394748.90	40.48	Concrete	12,960	0.57
08/18/2021	16:42:17	78783.55	394748.86	40.48	Concrete	12,720	0.40
08/18/2021	16:42:17	78783.35	394748.77	40.49	Concrete	12,360	0.15
08/18/2021	16:42:18	78783.19	394748.79	40.50	Concrete	11,760	-0.28
08/18/2021	16:42:19	78783.02	394748.74	40.51	Concrete	12,900	0.53
08/18/2021	16:42:20	78782.78	394748.85	40.53	Concrete	13,260	0.78
08/18/2021	16:42:21	78782.53	394748.77	40.52	Concrete	11,340	-0.57
08/18/2021	16:42:22	78782.25	394748.74	40.52	Concrete	11,280	-0.62
08/18/2021	16:42:23	78781.94	394748.84	40.55	Concrete	12,900	0.53
08/18/2021	16:42:24	78781.59	394748.71	40.64	Concrete	12,960	0.57
08/18/2021	16:42:25	78781.42	394748.70	40.70	Concrete	12,240	0.06
08/18/2021	16:42:26	78781.31	394748.65	40.72	Concrete	10,140	-1.42
08/18/2021	16:42:27	78781.02	394748.70	40.76	Concrete	11,760	-0.28
08/18/2021	16:42:28	78780.69	394748.60	40.72	Concrete	12,120	-0.02

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08/18/2021	16:42:29	78780.33	394748.51	40.73	Concrete	12,360	0.15
08/18/2021	16:42:30	78780.02	394748.62	40.74	Concrete	11,400	-0.53
08/18/2021	16:42:31	78779.96	394748.60	40.72	Concrete	13,440	0.91
08/18/2021	16:42:32	78779.99	394748.68	40.69	Concrete	10,560	-1.12
08/18/2021	16:42:33	78780.23	394748.60	40.68	Concrete	11,520	-0.45
08/18/2021	16:42:34	78780.49	394748.77	40.72	Concrete	13,200	0.74
08/18/2021	16:42:35	78780.72	394748.70	40.71	Concrete	12,300	0.10
08/18/2021	16:42:36	78780.88	394748.81	40.71	Concrete	10,860	-0.91
08/18/2021	16:42:37	78781.08	394748.78	40.68	Concrete	12,060	-0.07
08/18/2021	16:42:38	78781.27	394748.90	40.67	Concrete	11,340	-0.57
08/18/2021	16:42:39	78781.43	394748.90	40.60	Concrete	12,660	0.36
08/18/2021	16:42:40	78781.71	394748.88	40.48	Concrete	13,260	0.78
08/18/2021	16:42:41	78781.90	394748.94	40.50	Concrete	12,000	-0.11
08/18/2021	16:42:42	78782.09	394748.82	40.50	Concrete	11,760	-0.28
08/18/2021	16:42:43	78782.21	394748.87	40.50	Concrete	12,600	0.31
08/18/2021	16:42:44	78782.13	394748.68	40.46	Concrete	12,660	0.36
08/18/2021	16:42:45	78782.06	394748.58	40.46	Concrete	11,520	-0.45
08/18/2021	16:42:46	78781.91	394748.76	40.49	Concrete	11,400	-0.53
08/18/2021	16:42:47	78781.86	394748.61	40.49	Concrete	12,660	0.36
08/18/2021	16:42:48	78781.91	394748.73	40.51	Concrete	13,920	1.25
08/18/2021	16:42:49	78782.09	394748.82	40.54	Concrete	12,660	0.36
08/18/2021	16:42:50	78782.23	394748.83	40.53	Concrete	11,520	-0.45
08/18/2021	16:42:51	78782.42	394748.91	40.53	Concrete	14,280	1.50
08/18/2021	16:42:52	78782.57	394749.00	40.54	Concrete	11,520	-0.45
08/18/2021	16:42:53	78782.82	394748.92	40.54	Concrete	13,020	0.61
08/18/2021	16:42:54	78783.02	394749.00	40.54	Concrete	13,200	0.74
08/18/2021	16:42:55	78783.21	394749.02	40.55	Concrete	10,800	-0.95
08/18/2021	16:42:56	78783.41	394749.04	40.54	Concrete	13,860	1.20
08/18/2021	16:42:57	78783.60	394749.14	40.53	Concrete	11,940	-0.15
08/18/2021	16:42:58	78783.79	394749.05	40.53	Concrete	14,160	1.41
08/18/2021	16:42:59	78784.02	394749.19	40.56	Concrete	13,140	0.70
08/18/2021	16:43:00	78784.20	394749.17	40.54	Concrete	11,280	-0.62
08/18/2021	16:43:01	78784.42	394749.18	40.54	Concrete	11,760	-0.28
08/18/2021	16:43:02	78784.63	394749.32	40.56	Concrete	13,080	0.65
08/18/2021	16:43:03	78784.86	394749.25	40.55	Concrete	14,520	1.67
08/18/2021	16:43:04	78785.08	394749.32	40.54	Concrete	11,880	-0.19
08/18/2021	16:43:05	78785.31	394749.32	40.54	Concrete	13,800	1.16
08/18/2021	16:43:06	78785.57	394749.36	40.72	Concrete	11,820	-0.24
08/18/2021	16:43:07	78785.79	394749.48	40.73	Concrete	11,160	-0.70
08/18/2021	16:43:08	78786.00	394749.39	40.71	Concrete	12,780	0.44
08/18/2021	16:43:09	78786.30	394749.42	40.68	Concrete	9,840	-1.63
08/18/2021	16:43:10	78786.58	394749.49	40.64	Concrete	10,980	-0.83
08/18/2021	16:43:11	78786.88	394749.42	40.61	Concrete	12,420	0.19
08/18/2021	16:43:12	78786.82	394749.19	40.52	Concrete	11,760	-0.28
08/18/2021	16:43:13	78786.69	394749.02	40.50	Concrete	9,420	-1.93
08/18/2021	16:43:14	78786.55	394748.78	40.47	Concrete	11,820	-0.24
08/18/2021	16:43:15	78786.34	394748.81	40.47	Concrete	13,320	0.82
08/18/2021	16:43:16	78786.26	394748.70	40.48	Concrete	11,580	-0.40
08/18/2021	16:43:17	78786.26	394748.70	40.48	Concrete	12,480	0.23
08/18/2021	16:43:18	78786.28	394748.66	40.48	Concrete	11,460	-0.49
08/18/2021	16:43:19	78786.28	394748.64	40.48	Concrete	11,880	-0.19

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08/18/2021	16:43:20	78786.29	394748.64	40.48	Concrete	12,900	0.53
08/18/2021	16:43:21	78786.29	394748.68	40.48	Concrete	11,400	-0.53
08/18/2021	16:44:21	78786.52	394749.59	41.11	Concrete	10,020	-1.50
08/18/2021	16:44:22	78786.44	394749.51	41.11	Concrete	11,640	-0.36
08/18/2021	16:44:23	78786.28	394749.52	41.12	Concrete	11,820	-0.24
08/18/2021	16:44:24	78786.16	394749.47	41.12	Concrete	12,180	0.02
08/18/2021	16:44:25	78786.01	394749.34	41.12	Concrete	12,600	0.31
08/18/2021	16:44:26	78786.28	394749.16	41.05	Concrete	11,640	-0.36
08/18/2021	16:44:27	78786.47	394748.89	40.94	Concrete	11,640	-0.36
08/18/2021	16:44:28	78786.50	394748.71	40.89	Concrete	11,100	-0.74
08/18/2021	16:44:29	78786.59	394748.75	40.89	Concrete	11,400	-0.53
08/18/2021	16:44:30	78786.63	394748.71	40.87	Concrete	12,540	0.27
08/18/2021	16:44:31	78786.39	394748.66	40.88	Concrete	10,440	-1.21
08/18/2021	16:44:32	78786.21	394748.48	40.86	Concrete	9,600	-1.80
08/18/2021	16:44:33	78785.96	394748.49	40.86	Concrete	10,500	-1.17
08/18/2021	16:44:34	78785.77	394748.35	40.84	Concrete	12,900	0.53
08/18/2021	16:44:35	78785.49	394748.40	40.69	Concrete	12,960	0.57
08/18/2021	16:44:36	78785.28	394748.34	40.49	Concrete	12,660	0.36
08/18/2021	16:44:37	78784.98	394748.45	40.53	Concrete	14,280	1.50
08/18/2021	16:44:38	78784.90	394748.37	40.47	Concrete	11,460	-0.49
08/18/2021	16:44:39	78784.69	394748.35	40.48	Concrete	10,680	-1.04
08/18/2021	16:44:40	78784.42	394748.34	40.60	Concrete	14,520	1.67
08/18/2021	16:44:41	78784.26	394748.37	40.61	Concrete	12,600	0.31
08/18/2021	16:44:42	78784.11	394748.30	40.61	Concrete	11,040	-0.79
08/18/2021	16:44:43	78783.87	394748.30	40.63	Concrete	11,940	-0.15
08/18/2021	16:45:14	78786.10	394752.96	41.20	Concrete	10,980	-0.83
08/18/2021	16:45:15	78786.05	394752.86	41.20	Concrete	12,000	-0.11
08/18/2021	16:45:16	78785.91	394752.90	41.22	Concrete	12,720	0.40
08/18/2021	16:45:17	78785.78	394752.79	41.22	Concrete	12,000	-0.11
08/18/2021	16:45:18	78785.64	394752.92	41.24	Concrete	12,360	0.15
08/18/2021	16:45:19	78785.46	394752.91	41.23	Concrete	12,000	-0.11
08/18/2021	16:45:20	78785.30	394753.09	41.23	Concrete	11,940	-0.15
08/18/2021	16:45:21	78785.09	394753.06	41.23	Concrete	11,820	-0.24
08/18/2021	16:45:22	78784.88	394753.18	41.25	Concrete	12,960	0.57
08/18/2021	16:45:23	78784.69	394753.12	41.27	Concrete	10,740	-1.00
08/18/2021	16:45:24	78784.51	394753.28	41.29	Concrete	11,340	-0.57
08/18/2021	16:45:25	78784.29	394753.22	41.29	Concrete	11,700	-0.32
08/18/2021	16:45:26	78784.15	394753.41	41.30	Concrete	11,400	-0.53
08/18/2021	16:45:27	78783.96	394753.47	41.32	Concrete	11,100	-0.74
08/18/2021	16:45:28	78783.81	394753.71	41.32	Concrete	12,360	0.15
08/18/2021	16:45:29	78783.74	394753.82	41.29	Concrete	11,820	-0.24
08/18/2021	16:45:30	78783.84	394753.73	41.30	Concrete	10,740	-1.00
08/18/2021	16:45:31	78784.04	394753.80	41.29	Concrete	12,540	0.27
08/18/2021	16:45:32	78784.17	394753.60	41.28	Concrete	12,960	0.57
08/18/2021	16:45:33	78784.34	394753.61	41.25	Concrete	10,440	-1.21
08/18/2021	16:45:34	78784.49	394753.45	41.24	Concrete	11,220	-0.66
08/18/2021	16:45:35	78784.68	394753.45	41.22	Concrete	12,960	0.57
08/18/2021	16:45:36	78784.85	394753.25	41.22	Concrete	11,400	-0.53
08/18/2021	16:45:37	78785.08	394753.25	41.19	Concrete	11,400	-0.53
08/18/2021	16:45:38	78785.29	394753.14	41.16	Concrete	11,220	-0.66
08/18/2021	16:45:39	78785.53	394753.15	41.14	Concrete	10,320	-1.29

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08/18/2021	16:45:40	78785.81	394753.07	41.13	Concrete	11,760	-0.28
08/18/2021	16:45:41	78786.12	394753.00	41.11	Concrete	13,560	0.99
08/18/2021	16:45:42	78786.18	394753.08	41.10	Concrete	13,920	1.25
08/18/2021	16:45:43	78786.22	394753.35	41.10	Concrete	11,760	-0.28
08/18/2021	16:45:44	78786.18	394753.37	41.10	Concrete	10,380	-1.25
08/18/2021	16:45:45	78786.03	394753.25	41.10	Concrete	13,620	1.03
08/18/2021	16:45:46	78785.87	394753.36	41.13	Concrete	11,520	-0.45
08/18/2021	16:45:47	78785.73	394753.31	41.13	Concrete	10,800	-0.95
08/18/2021	16:45:48	78785.60	394753.40	41.16	Concrete	10,260	-1.34
08/18/2021	16:45:49	78785.43	394753.40	41.17	Concrete	11,280	-0.62
08/18/2021	16:45:50	78785.27	394753.51	41.20	Concrete	12,360	0.15
08/18/2021	16:45:51	78785.06	394753.51	41.21	Concrete	14,280	1.50
08/18/2021	16:45:52	78784.83	394753.54	41.23	Concrete	12,480	0.23
08/18/2021	16:45:53	78784.66	394753.66	41.25	Concrete	9,660	-1.76
08/18/2021	16:45:54	78784.36	394753.70	41.26	Concrete	10,440	-1.21
08/18/2021	16:45:55	78784.26	394753.92	41.28	Concrete	12,060	-0.07
08/18/2021	16:45:56	78784.16	394754.08	41.26	Concrete	12,660	0.36
08/18/2021	16:45:57	78784.31	394754.20	41.25	Concrete	11,940	-0.15
08/18/2021	16:45:58	78784.52	394754.04	41.24	Concrete	11,340	-0.57
08/18/2021	16:45:59	78784.79	394754.04	41.21	Concrete	11,700	-0.32
08/18/2021	16:46:00	78784.95	394753.80	41.19	Concrete	11,460	-0.49
08/18/2021	16:46:01	78785.20	394753.79	41.16	Concrete	11,580	-0.40
08/18/2021	16:46:02	78785.37	394753.60	41.15	Concrete	11,820	-0.24
08/18/2021	16:46:03	78785.63	394753.65	41.13	Concrete	11,040	-0.79
08/18/2021	16:46:04	78785.81	394753.41	41.12	Concrete	11,220	-0.66
08/18/2021	16:46:05	78785.97	394753.39	41.11	Concrete	13,680	1.08
08/18/2021	16:46:06	78786.07	394753.49	41.10	Concrete	10,620	-1.08
08/18/2021	16:46:07	78786.19	394753.80	41.11	Concrete	12,720	0.40
08/18/2021	16:46:08	78785.98	394753.82	41.11	Concrete	10,500	-1.17
08/18/2021	16:46:09	78785.78	394754.02	41.13	Concrete	10,080	-1.46
08/18/2021	16:46:10	78785.54	394753.95	41.15	Concrete	12,000	-0.11
08/18/2021	16:46:11	78785.28	394754.08	41.17	Concrete	10,440	-1.21
08/18/2021	16:46:12	78785.22	394753.85	41.18	Concrete	12,960	0.57
08/18/2021	16:46:13	78785.00	394753.69	41.19	Concrete	12,420	0.19
08/18/2021	16:46:14	78784.79	394753.47	41.19	Concrete	12,180	0.02
08/18/2021	16:46:15	78784.53	394753.33	41.22	Concrete	11,760	-0.28
08/18/2021	16:46:16	78784.27	394753.19	41.24	Concrete	10,860	-0.91
08/18/2021	16:46:17	78784.06	394753.24	41.25	Concrete	11,640	-0.36
08/18/2021	16:46:18	78783.83	394753.02	41.27	Concrete	10,740	-1.00
08/18/2021	16:46:19	78783.62	394752.98	41.25	Concrete	12,780	0.44
08/18/2021	16:46:20	78783.48	394753.21	41.27	Concrete	13,260	0.78
08/18/2021	16:46:21	78783.38	394753.17	41.24	Concrete	13,440	0.91
08/18/2021	16:46:22	78783.22	394753.30	41.24	Concrete	12,120	-0.02
08/18/2021	16:46:23	78783.12	394753.21	41.22	Concrete	13,440	0.91
08/18/2021	16:46:24	78782.93	394753.37	41.22	Concrete	11,520	-0.45
08/18/2021	16:46:25	78782.80	394753.34	41.21	Concrete	13,200	0.74
08/18/2021	16:46:26	78782.69	394753.35	41.20	Concrete	13,380	0.86
08/18/2021	16:46:27	78782.55	394753.28	41.20	Concrete	12,000	-0.11
08/18/2021	16:46:28	78782.34	394753.28	41.20	Concrete	11,520	-0.45
08/18/2021	16:46:29	78782.12	394753.22	41.19	Concrete	9,780	-1.67
08/18/2021	16:46:30	78781.94	394753.18	41.20	Concrete	11,700	-0.32

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08/18/2021	16:46:31	78781.73	394753.08	41.20	Concrete	10,380	-1.25
08/18/2021	16:46:32	78781.54	394752.88	41.19	Concrete	12,420	0.19
08/18/2021	16:46:33	78781.31	394752.91	41.23	Concrete	11,940	-0.15
08/18/2021	16:46:34	78781.08	394752.83	41.21	Concrete	12,120	-0.02
08/18/2021	16:46:35	78780.94	394752.96	41.21	Concrete	13,320	0.82
08/18/2021	16:46:36	78780.90	394752.84	41.21	Concrete	12,660	0.36
08/18/2021	16:46:37	78780.72	394752.90	41.22	Concrete	13,620	1.03
08/18/2021	16:46:38	78780.59	394752.81	41.21	Concrete	12,720	0.40
08/18/2021	16:46:39	78780.43	394752.80	41.21	Concrete	11,340	-0.57
08/18/2021	16:46:40	78780.29	394752.68	41.20	Concrete	9,360	-1.97
08/18/2021	16:46:41	78780.13	394752.63	41.21	Concrete	12,000	-0.11
08/18/2021	16:46:42	78779.96	394752.49	41.20	Concrete	11,220	-0.66
08/18/2021	16:46:43	78779.79	394752.40	41.20	Concrete	10,560	-1.12
08/18/2021	16:46:44	78779.66	394752.30	41.19	Concrete	10,140	-1.42
08/18/2021	16:46:45	78779.51	394752.23	41.20	Concrete	11,340	-0.57
08/18/2021	16:46:46	78779.47	394752.06	41.21	Concrete	12,120	-0.02
08/18/2021	16:46:47	78779.28	394751.96	41.21	Concrete	13,380	0.86
08/18/2021	16:46:48	78779.29	394751.80	41.21	Concrete	13,800	1.16
08/18/2021	16:46:49	78779.12	394751.69	41.21	Concrete	12,480	0.23
08/18/2021	16:46:50	78779.14	394751.53	41.20	Concrete	10,860	-0.91
08/18/2021	16:46:51	78779.07	394751.37	41.21	Concrete	12,720	0.40
08/18/2021	16:46:52	78779.18	394751.25	41.23	Concrete	13,320	0.82
08/18/2021	16:46:53	78779.17	394751.02	41.25	Concrete	10,380	-1.25
08/18/2021	16:46:54	78779.22	394750.81	41.26	Concrete	10,740	-1.00
08/18/2021	16:46:55	78779.20	394750.59	41.27	Concrete	11,700	-0.32
08/18/2021	16:46:56	78779.26	394750.39	41.26	Concrete	13,380	0.86
08/18/2021	16:46:57	78779.25	394750.17	41.26	Concrete	13,320	0.82
08/18/2021	16:46:58	78779.38	394750.01	41.25	Concrete	10,920	-0.87
08/18/2021	16:46:59	78779.44	394749.82	41.25	Concrete	12,120	-0.02
08/18/2021	16:47:00	78779.57	394749.68	41.25	Concrete	14,040	1.33
08/18/2021	16:47:01	78779.72	394749.65	41.25	Concrete	12,240	0.06
08/18/2021	16:47:02	78779.93	394749.59	41.25	Concrete	10,680	-1.04
08/18/2021	16:47:03	78780.12	394749.67	41.26	Concrete	13,620	1.03
08/18/2021	16:47:04	78780.40	394749.62	41.27	Concrete	12,240	0.06
08/18/2021	16:47:05	78780.56	394749.76	41.27	Concrete	13,140	0.70
08/18/2021	16:47:06	78780.86	394749.70	41.26	Concrete	13,560	0.99
08/18/2021	16:47:07	78781.09	394749.82	41.26	Concrete	13,380	0.86
08/18/2021	16:47:08	78781.34	394749.89	41.25	Concrete	11,940	-0.15
08/18/2021	16:47:09	78781.56	394750.08	41.22	Concrete	14,640	1.75
08/18/2021	16:47:10	78781.81	394749.94	41.07	Concrete	15,360	2.26
08/18/2021	16:47:11	78781.98	394749.90	41.03	Concrete	13,200	0.74
08/18/2021	16:47:12	78782.03	394749.82	41.03	Concrete	15,540	2.39
08/18/2021	16:47:13	78782.11	394749.84	41.03	Concrete	13,500	0.95
08/18/2021	16:47:14	78782.31	394749.83	41.02	Concrete	13,680	1.08
08/18/2021	16:47:15	78782.54	394749.94	41.03	Concrete	15,960	2.68
08/18/2021	16:47:16	78782.79	394749.89	41.03	Concrete	15,900	2.64
08/18/2021	16:47:17	78782.97	394750.00	41.04	Concrete	12,780	0.44
08/18/2021	16:47:18	78783.15	394749.91	41.04	Concrete	14,400	1.58
08/18/2021	16:47:19	78783.33	394750.03	41.05	Concrete	15,060	2.05
08/18/2021	16:47:20	78783.57	394749.96	41.03	Concrete	15,180	2.13
08/18/2021	16:47:21	78783.80	394750.08	41.04	Concrete	13,560	0.99

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08/18/2021	16:47:22	78784.00	394749.99	41.04	Concrete	13,500	0.95
08/18/2021	16:47:23	78784.36	394750.32	41.20	Concrete	11,640	-0.36
08/18/2021	16:47:24	78784.65	394750.26	41.04	Concrete	12,480	0.23
08/18/2021	16:47:25	78784.92	394750.19	41.03	Concrete	12,660	0.36
08/18/2021	16:47:26	78785.05	394750.07	41.04	Concrete	12,000	-0.11
08/18/2021	16:47:27	78785.17	394750.08	41.03	Concrete	12,060	-0.07
08/18/2021	16:47:28	78785.40	394750.19	41.26	Concrete	12,240	0.06
08/18/2021	16:47:29	78785.52	394750.14	41.28	Concrete	12,660	0.36
08/18/2021	16:47:30	78785.72	394750.25	41.27	Concrete	10,320	-1.29
08/18/2021	16:47:31	78786.00	394750.20	41.26	Concrete	11,760	-0.28
08/18/2021	16:47:32	78786.26	394750.25	41.25	Concrete	12,060	-0.07
08/18/2021	16:47:33	78786.49	394750.25	41.23	Concrete	11,640	-0.36
08/18/2021	16:47:34	78786.78	394750.32	41.19	Concrete	12,180	0.02
08/18/2021	16:47:35	78786.95	394750.32	41.19	Concrete	11,820	-0.24
08/18/2021	16:47:36	78787.15	394750.39	41.15	Concrete	11,760	-0.28
08/18/2021	16:47:37	78787.28	394750.33	41.15	Concrete	11,580	-0.40
08/18/2021	16:47:38	78787.37	394750.34	41.17	Concrete	11,280	-0.62
08/18/2021	16:47:39	78787.46	394750.53	41.20	Concrete	12,420	0.19
08/18/2021	16:47:40	78787.46	394750.61	41.21	Concrete	12,240	0.06
08/18/2021	16:47:41	78787.46	394750.71	41.25	Concrete	11,100	-0.74
08/18/2021	16:47:42	78787.31	394750.83	41.27	Concrete	10,620	-1.08
08/18/2021	16:47:43	78787.27	394751.06	41.28	Concrete	10,800	-0.95
08/18/2021	16:47:44	78787.07	394751.21	41.28	Concrete	11,880	-0.19
08/18/2021	16:47:45	78787.02	394751.44	41.27	Concrete	11,580	-0.40
08/18/2021	16:47:46	78786.85	394751.59	41.25	Concrete	13,380	0.86
08/18/2021	16:47:47	78786.82	394751.73	41.23	Concrete	12,720	0.40
08/18/2021	16:47:57	78786.78	394751.75	41.21	Concrete	10,740	-1.00
08/18/2021	16:47:58	78786.75	394751.82	41.18	Concrete	13,620	1.03
08/18/2021	16:47:59	78786.63	394751.95	41.16	Concrete	12,240	0.06
08/18/2021	16:48:00	78786.50	394752.14	41.16	Concrete	14,580	1.71
08/18/2021	16:48:01	78786.27	394752.24	41.14	Concrete	12,360	0.15
08/18/2021	16:48:02	78786.08	394752.45	41.13	Concrete	12,540	0.27
08/18/2021	16:48:03	78785.87	394752.50	41.13	Concrete	9,960	-1.55
08/18/2021	16:48:04	78785.71	394752.73	41.13	Concrete	12,420	0.19
08/18/2021	16:48:05	78785.47	394752.83	41.13	Concrete	12,960	0.57
08/18/2021	16:48:06	78785.30	394753.06	41.14	Concrete	11,160	-0.70
08/18/2021	16:48:07	78785.06	394753.04	41.15	Concrete	9,900	-1.59
08/18/2021	16:48:08	78784.83	394753.13	41.18	Concrete	11,460	-0.49
08/18/2021	16:48:09	78784.61	394753.00	41.19	Concrete	12,000	-0.11
08/18/2021	16:48:10	78784.38	394753.02	41.21	Concrete	11,700	-0.32
08/18/2021	16:48:11	78784.21	394752.87	41.21	Concrete	12,180	0.02
08/18/2021	16:48:12	78784.00	394752.90	41.21	Concrete	11,940	-0.15
08/18/2021	16:48:13	78783.81	394752.87	41.20	Concrete	11,580	-0.40
08/18/2021	16:48:14	78783.62	394752.89	41.19	Concrete	13,320	0.82
08/18/2021	16:48:15	78783.40	394752.95	41.19	Concrete	11,220	-0.66
08/18/2021	16:48:16	78783.20	394752.91	41.18	Concrete	11,580	-0.40
08/18/2021	16:48:17	78782.97	394752.97	41.17	Concrete	13,200	0.74
08/18/2021	16:48:18	78782.77	394752.87	41.16	Concrete	12,000	-0.11
08/18/2021	16:48:19	78782.55	394752.96	41.16	Concrete	12,900	0.53
08/18/2021	16:48:20	78782.35	394752.89	41.14	Concrete	10,560	-1.12
08/18/2021	16:48:21	78782.16	394752.93	41.15	Concrete	13,320	0.82

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08/18/2021	16:48:22	78781.96	394752.85	41.14	Concrete	12,900	0.53
08/18/2021	16:48:23	78781.75	394752.78	41.14	Concrete	12,000	-0.11
08/18/2021	16:48:24	78781.53	394752.77	41.14	Concrete	12,180	0.02
08/18/2021	16:48:25	78781.37	394752.71	41.14	Concrete	12,960	0.57
08/18/2021	16:48:26	78781.14	394752.65	41.14	Concrete	11,520	-0.45
08/18/2021	16:48:27	78780.97	394752.50	41.15	Concrete	10,980	-0.83
08/18/2021	16:48:28	78780.73	394752.53	41.15	Concrete	11,940	-0.15
08/18/2021	16:48:29	78780.57	394752.40	41.16	Concrete	12,540	0.27
08/18/2021	16:48:30	78780.34	394752.38	41.16	Concrete	10,380	-1.25
08/18/2021	16:48:31	78780.14	394752.27	41.17	Concrete	11,820	-0.24
08/18/2021	16:48:32	78779.96	394752.16	41.17	Concrete	12,000	-0.11
08/18/2021	16:48:33	78779.69	394752.10	41.18	Concrete	11,880	-0.19
08/18/2021	16:48:34	78779.58	394751.92	41.17	Concrete	11,880	-0.19
08/18/2021	16:48:35	78779.35	394751.80	41.17	Concrete	10,380	-1.25
08/18/2021	16:48:36	78779.36	394751.63	41.16	Concrete	11,760	-0.28
08/18/2021	16:48:37	78779.28	394751.46	41.16	Concrete	10,980	-0.83
08/18/2021	16:48:38	78779.37	394751.31	41.16	Concrete	12,060	-0.07
08/18/2021	16:48:39	78779.33	394751.06	41.18	Concrete	12,180	0.02
08/18/2021	16:48:40	78779.40	394750.88	41.20	Concrete	13,140	0.70
08/18/2021	16:48:41	78779.40	394750.67	41.20	Concrete	13,860	1.20
08/18/2021	16:48:42	78779.44	394750.44	41.19	Concrete	13,800	1.16
08/18/2021	16:48:43	78779.49	394750.23	41.18	Concrete	12,300	0.10
08/18/2021	16:48:44	78779.52	394749.96	41.17	Concrete	13,380	0.86
08/18/2021	16:48:45	78779.61	394749.90	41.17	Concrete	12,000	-0.11
08/18/2021	16:48:46	78779.77	394749.83	41.18	Concrete	10,680	-1.04
08/18/2021	16:48:47	78779.92	394749.90	41.18	Concrete	12,780	0.44
08/18/2021	16:48:48	78780.11	394749.85	41.19	Concrete	12,420	0.19
08/18/2021	16:48:49	78780.31	394749.92	41.18	Concrete	14,220	1.46
08/18/2021	16:48:50	78780.55	394749.88	41.19	Concrete	12,000	-0.11
08/18/2021	16:48:51	78780.67	394750.00	41.19	Concrete	12,480	0.23
08/18/2021	16:48:52	78780.86	394749.97	41.20	Concrete	11,520	-0.45
08/18/2021	16:48:53	78781.04	394750.09	41.19	Concrete	12,420	0.19
08/18/2021	16:48:54	78781.27	394750.01	41.20	Concrete	12,840	0.48
08/18/2021	16:48:55	78781.47	394750.12	41.17	Concrete	13,320	0.82
08/18/2021	16:48:56	78781.65	394750.02	41.00	Concrete	15,420	2.30
08/18/2021	16:48:57	78781.67	394749.96	41.01	Concrete	14,100	1.37
08/18/2021	16:48:58	78781.68	394749.96	41.02	Concrete	19,140	4.93
08/18/2021	16:48:59	78781.67	394749.96	41.03	Concrete	16,200	2.85
08/18/2021	16:49:00	78781.66	394749.96	41.03	Concrete	17,940	4.08
08/18/2021	16:49:01	78781.65	394749.96	41.04	Concrete	19,200	4.97
08/18/2021	16:49:02	78781.64	394749.96	41.04	Concrete	21,780	6.79
08/18/2021	16:49:03	78781.63	394749.96	41.05	Concrete	21,960	6.92
08/18/2021	16:49:04	78781.62	394749.96	41.04	Concrete	23,280	7.85
08/18/2021	16:49:05	78781.64	394749.96	41.04	Concrete	23,880	8.27
08/18/2021	16:49:06	78781.65	394749.97	41.04	Concrete	25,140	9.16
08/18/2021	16:49:07	78781.65	394749.97	41.05	Concrete	23,580	8.06
08/18/2021	16:49:08	78781.66	394749.97	41.05	Concrete	21,300	6.45
08/18/2021	16:49:09	78781.67	394749.96	41.05	Concrete	22,320	7.17
08/18/2021	16:49:10	78781.66	394749.96	41.06	Concrete	19,320	5.05
08/18/2021	16:49:11	78781.64	394749.97	41.06	Concrete	21,780	6.79
08/18/2021	16:49:12	78781.64	394749.97	41.06	Concrete	21,900	6.87

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08/18/2021	16:49:13	78781.65	394749.96	41.07	Concrete	18,240	4.29
08/18/2021	16:49:14	78781.65	394749.94	41.07	Concrete	13,980	1.29
08/18/2021	16:49:15	78781.67	394749.92	41.08	Concrete	16,500	3.06
08/18/2021	16:49:16	78781.71	394749.94	41.09	Concrete	17,220	3.57
08/18/2021	16:49:17	78781.70	394750.28	41.26	Concrete	17,940	4.08
08/18/2021	16:49:18	78781.82	394750.53	41.27	Concrete	16,260	2.90
08/18/2021	16:49:19	78781.86	394750.51	41.27	Concrete	16,020	2.73
08/18/2021	16:49:20	78782.03	394750.55	41.27	Concrete	17,700	3.91
08/18/2021	16:49:21	78782.16	394750.43	41.26	Concrete	18,180	4.25
08/18/2021	16:49:22	78782.25	394750.41	41.28	Concrete	17,340	3.66
08/18/2021	16:49:23	78782.30	394750.35	41.30	Concrete	20,640	5.98
08/18/2021	16:49:24	78782.29	394750.43	41.28	Concrete	23,700	8.14
08/18/2021	16:49:25	78782.12	394750.34	41.24	Concrete	23,700	8.14
08/18/2021	16:49:26	78782.04	394750.29	41.25	Concrete	23,340	7.89
08/18/2021	16:49:27	78782.01	394750.24	41.27	Concrete	21,900	6.87
08/18/2021	16:49:28	78781.83	394750.21	41.25	Concrete	24,660	8.82
08/18/2021	16:49:29	78781.73	394750.34	41.23	Concrete	22,380	7.21
08/18/2021	16:49:30	78781.70	394750.34	41.22	Concrete	22,740	7.47
08/18/2021	16:49:31	78781.70	394750.35	41.23	Concrete	19,320	5.05
08/18/2021	16:49:32	78781.83	394750.45	41.24	Concrete	18,780	4.67
08/18/2021	16:49:33	78781.87	394750.25	41.25	Concrete	21,180	6.37
08/18/2021	16:49:34	78781.87	394750.25	41.25	Concrete	20,160	5.65
08/18/2021	16:49:35	78781.91	394750.19	41.25	Concrete	18,660	4.59
08/18/2021	16:49:36	78782.06	394750.33	41.26	Concrete	14,760	1.84
08/18/2021	16:49:37	78782.23	394750.24	41.26	Concrete	14,940	1.96
08/18/2021	16:49:38	78782.42	394750.29	41.26	Concrete	13,740	1.12
08/18/2021	16:49:39	78782.57	394750.28	41.26	Concrete	13,080	0.65
08/18/2021	16:49:40	78782.70	394750.30	41.27	Concrete	12,960	0.57
08/18/2021	16:49:41	78782.83	394750.28	41.27	Concrete	12,240	0.06
08/18/2021	16:49:42	78782.97	394750.35	41.26	Concrete	12,960	0.57
08/18/2021	16:49:43	78783.08	394750.30	41.26	Concrete	14,040	1.33
08/18/2021	16:49:44	78783.21	394750.37	41.26	Concrete	13,800	1.16
08/18/2021	16:49:45	78783.36	394750.38	41.27	Concrete	14,580	1.71
08/18/2021	16:49:46	78783.48	394750.43	41.29	Concrete	14,280	1.50
08/18/2021	16:49:47	78783.61	394750.41	41.30	Concrete	16,080	2.77
08/18/2021	16:49:48	78783.65	394750.47	41.30	Concrete	17,700	3.91
08/18/2021	16:49:49	78783.66	394750.49	41.30	Concrete	18,420	4.42
08/18/2021	16:49:50	78783.81	394750.74	41.29	Concrete	16,020	2.73
08/18/2021	16:49:51	78783.84	394750.71	41.28	Concrete	17,340	3.66
08/18/2021	16:49:52	78783.75	394750.91	41.27	Concrete	19,740	5.35
08/18/2021	16:49:53	78783.80	394750.87	41.28	Concrete	19,080	4.88
08/18/2021	16:49:54	78783.68	394750.95	41.28	Concrete	17,580	3.83
08/18/2021	16:49:55	78783.74	394750.95	41.28	Concrete	19,020	4.84
08/18/2021	16:49:56	78783.61	394750.95	41.27	Concrete	16,680	3.19
08/18/2021	16:49:57	78783.62	394750.96	41.27	Concrete	19,320	5.05
08/18/2021	16:49:58	78783.62	394750.95	41.26	Concrete	19,800	5.39
08/18/2021	16:49:59	78783.53	394750.90	41.26	Concrete	16,020	2.73
08/18/2021	16:50:00	78783.51	394750.82	41.25	Concrete	19,200	4.97
08/18/2021	16:50:01	78783.43	394750.69	41.26	Concrete	17,340	3.66
08/18/2021	16:50:02	78783.45	394750.76	41.25	Concrete	17,940	4.08
08/18/2021	16:50:03	78783.48	394750.57	41.25	Concrete	18,660	4.59

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08/18/2021	16:50:04	78783.44	394750.62	41.25	Concrete	18,660	4.59
08/18/2021	16:50:05	78783.48	394750.61	41.24	Concrete	17,460	3.74
08/18/2021	16:50:06	78783.57	394750.50	41.24	Concrete	20,940	6.20
08/18/2021	16:50:07	78783.61	394750.46	41.24	Concrete	14,820	1.88
08/18/2021	16:50:08	78783.65	394750.44	41.24	Concrete	17,940	4.08
08/18/2021	16:50:09	78783.63	394750.47	41.25	Concrete	15,660	2.47
08/18/2021	16:50:10	78783.66	394750.44	41.24	Concrete	19,320	5.05
08/18/2021	16:50:11	78783.69	394750.44	41.25	Concrete	18,300	4.33
08/18/2021	16:50:12	78783.68	394750.44	41.25	Concrete	18,720	4.63
08/18/2021	16:50:13	78783.52	394750.58	41.25	Concrete	17,760	3.95
08/18/2021	16:50:14	78783.55	394750.44	41.25	Concrete	16,140	2.81
08/18/2021	16:50:15	78783.68	394750.44	41.23	Concrete	13,860	1.20
08/18/2021	16:50:16	78783.83	394750.35	41.23	Concrete	14,760	1.84
08/18/2021	16:50:17	78783.98	394750.41	41.23	Concrete	12,720	0.40
08/18/2021	16:50:18	78784.18	394750.38	41.22	Concrete	13,140	0.70
08/18/2021	16:50:19	78784.32	394750.46	41.21	Concrete	14,220	1.46
08/18/2021	16:50:20	78784.48	394750.44	41.22	Concrete	12,960	0.57
08/18/2021	16:50:21	78784.63	394750.47	41.21	Concrete	11,700	-0.32
08/18/2021	16:50:22	78784.82	394750.49	41.21	Concrete	13,200	0.74
08/18/2021	16:50:23	78785.04	394750.51	41.21	Concrete	11,400	-0.53
08/18/2021	16:50:24	78785.27	394750.55	41.22	Concrete	10,500	-1.17
08/18/2021	16:50:25	78785.47	394750.52	41.21	Concrete	11,400	-0.53
08/18/2021	16:50:26	78785.64	394750.53	41.20	Concrete	13,440	0.91
08/18/2021	16:50:27	78785.84	394750.43	41.20	Concrete	11,940	-0.15
08/18/2021	16:50:28	78786.01	394750.51	41.19	Concrete	9,180	-2.10
08/18/2021	16:50:29	78786.22	394750.46	41.19	Concrete	10,260	-1.34
08/18/2021	16:50:30	78786.48	394750.48	41.19	Concrete	12,360	0.15
08/18/2021	16:50:31	78786.69	394750.54	41.17	Concrete	11,400	-0.53
08/18/2021	16:50:32	78786.87	394750.58	41.16	Concrete	10,320	-1.29
08/18/2021	16:50:33	78787.08	394750.59	41.16	Concrete	11,520	-0.45
08/18/2021	16:50:34	78787.33	394750.63	41.16	Concrete	11,160	-0.70
08/18/2021	16:50:35	78787.33	394750.65	41.17	Concrete	11,520	-0.45
08/18/2021	16:50:36	78787.27	394750.76	41.19	Concrete	10,740	-1.00
08/18/2021	16:50:37	78787.10	394750.82	41.19	Concrete	10,800	-0.95
08/18/2021	16:50:38	78786.96	394751.00	41.19	Concrete	12,120	-0.02
08/18/2021	16:50:39	78786.79	394751.06	41.19	Concrete	11,400	-0.53
08/18/2021	16:50:40	78786.69	394751.23	41.19	Concrete	13,440	0.91
08/18/2021	16:50:41	78786.55	394751.35	41.17	Concrete	10,920	-0.87
08/18/2021	16:50:42	78786.46	394751.50	41.16	Concrete	12,240	0.06
08/18/2021	16:50:43	78786.36	394751.66	41.13	Concrete	11,400	-0.53
08/18/2021	16:50:44	78786.27	394751.74	41.11	Concrete	12,000	-0.11
08/18/2021	16:50:45	78786.22	394751.88	41.10	Concrete	15,000	2.01
08/18/2021	16:50:46	78786.16	394751.92	41.10	Concrete	11,640	-0.36
08/18/2021	16:50:47	78786.07	394751.88	41.10	Concrete	11,460	-0.49
08/18/2021	16:50:48	78786.11	394752.07	41.09	Concrete	11,280	-0.62
08/18/2021	16:50:49	78785.93	394752.15	41.08	Concrete	14,460	1.63
08/18/2021	16:50:50	78785.73	394752.34	41.05	Concrete	11,100	-0.74
08/18/2021	16:50:51	78785.53	394752.64	41.06	Concrete	11,580	-0.40
08/18/2021	16:50:52	78785.20	394752.91	41.08	Concrete	11,460	-0.49
08/18/2021	16:50:53	78785.02	394753.07	41.08	Concrete	12,360	0.15
08/18/2021	16:50:54	78784.90	394753.01	41.09	Concrete	10,680	-1.04

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08/18/2021	16:50:55	78784.69	394753.01	41.11	Concrete	11,220	-0.66
08/18/2021	16:50:56	78784.49	394752.98	41.11	Concrete	11,100	-0.74
08/18/2021	16:50:57	78784.26	394752.90	41.13	Concrete	10,260	-1.34
08/18/2021	16:50:58	78784.06	394752.88	41.14	Concrete	9,720	-1.72
08/18/2021	16:50:59	78783.93	394752.77	41.13	Concrete	13,020	0.61
08/18/2021	16:51:00	78783.71	394752.79	41.12	Concrete	9,600	-1.80
08/18/2021	16:51:01	78783.53	394752.68	41.09	Concrete	10,740	-1.00
08/18/2021	16:51:02	78783.26	394752.71	41.09	Concrete	10,560	-1.12
08/18/2021	16:51:03	78783.06	394752.62	41.07	Concrete	13,680	1.08
08/18/2021	16:51:04	78782.80	394752.61	41.07	Concrete	9,660	-1.76
08/18/2021	16:51:05	78782.64	394752.51	41.07	Concrete	10,140	-1.42
08/18/2021	16:51:06	78782.52	394752.60	41.08	Concrete	10,500	-1.17
08/18/2021	16:51:07	78782.44	394752.55	41.08	Concrete	12,240	0.06
08/18/2021	16:51:08	78782.29	394752.61	41.08	Concrete	10,080	-1.46
08/18/2021	16:51:09	78782.17	394752.50	41.07	Concrete	10,740	-1.00
08/18/2021	16:51:10	78781.97	394752.57	41.07	Concrete	9,420	-1.93
08/18/2021	16:51:11	78781.84	394752.47	41.05	Concrete	12,120	-0.02
08/18/2021	16:51:12	78781.60	394752.53	41.06	Concrete	10,980	-0.83
08/18/2021	16:51:13	78781.47	394752.41	41.07	Concrete	11,040	-0.79
08/18/2021	16:51:14	78781.25	394752.45	41.08	Concrete	10,380	-1.25
08/18/2021	16:51:15	78781.08	394752.33	41.07	Concrete	10,440	-1.21
08/18/2021	16:51:16	78780.87	394752.34	41.08	Concrete	12,660	0.36
08/18/2021	16:51:17	78780.75	394752.19	41.09	Concrete	11,580	-0.40
08/18/2021	16:51:18	78780.53	394752.19	41.10	Concrete	10,860	-0.91
08/18/2021	16:51:19	78780.37	394752.09	41.10	Concrete	12,420	0.19
08/18/2021	16:51:20	78780.12	394752.07	41.10	Concrete	10,920	-0.87
08/18/2021	16:51:21	78779.88	394752.03	41.10	Concrete	11,460	-0.49
08/18/2021	16:51:22	78779.66	394751.94	41.12	Concrete	10,320	-1.29
08/18/2021	16:51:23	78779.38	394751.72	41.10	Concrete	10,860	-0.91
08/18/2021	16:51:24	78779.35	394751.67	41.10	Concrete	12,060	-0.07
08/18/2021	16:51:25	78779.45	394751.69	41.08	Concrete	11,640	-0.36
08/18/2021	16:51:26	78779.64	394751.66	41.09	Concrete	11,880	-0.19
08/18/2021	16:51:27	78779.78	394751.67	41.10	Concrete	12,120	-0.02
08/18/2021	16:51:28	78779.92	394751.69	41.09	Concrete	11,760	-0.28
08/18/2021	16:51:29	78780.06	394751.77	41.10	Concrete	11,700	-0.32
08/18/2021	16:51:30	78780.24	394751.79	41.10	Concrete	12,300	0.10
08/18/2021	16:51:31	78780.36	394751.90	41.09	Concrete	11,880	-0.19
08/18/2021	16:51:32	78780.54	394751.87	41.09	Concrete	13,620	1.03
08/18/2021	16:51:33	78780.74	394751.97	41.07	Concrete	12,120	-0.02
08/18/2021	16:51:34	78780.90	394751.94	41.08	Concrete	13,500	0.95
08/18/2021	16:51:35	78780.96	394751.93	41.08	Concrete	10,500	-1.17
08/18/2021	16:51:36	78781.05	394751.81	41.09	Concrete	11,760	-0.28
08/18/2021	16:51:37	78781.00	394751.81	41.09	Concrete	12,420	0.19
08/18/2021	16:51:38	78780.91	394751.68	41.10	Concrete	13,620	1.03
08/18/2021	16:51:39	78780.79	394751.70	41.10	Concrete	13,440	0.91
08/18/2021	16:51:40	78780.68	394751.63	41.10	Concrete	11,880	-0.19
08/18/2021	16:51:41	78780.53	394751.65	41.11	Concrete	13,140	0.70
08/18/2021	16:51:42	78780.40	394751.57	41.11	Concrete	11,640	-0.36
08/18/2021	16:51:43	78780.20	394751.62	41.11	Concrete	10,920	-0.87
08/18/2021	16:51:44	78780.05	394751.53	41.11	Concrete	11,340	-0.57
08/18/2021	16:51:45	78779.86	394751.60	41.11	Concrete	11,880	-0.19

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08/18/2021	16:51:46	78779.70	394751.54	41.11	Concrete	13,020	0.61
08/18/2021	16:51:47	78779.44	394751.52	41.12	Concrete	10,020	-1.50
08/18/2021	16:51:48	78779.31	394751.33	41.11	Concrete	11,820	-0.24
08/18/2021	16:51:49	78779.28	394751.16	41.11	Concrete	11,640	-0.36
08/18/2021	16:51:50	78779.28	394751.21	41.10	Concrete	13,080	0.65
08/18/2021	16:51:51	78779.41	394751.12	41.11	Concrete	10,380	-1.25
08/18/2021	16:51:52	78779.53	394751.22	41.09	Concrete	12,960	0.57
08/18/2021	16:51:53	78779.73	394751.19	41.09	Concrete	11,400	-0.53
08/18/2021	16:51:54	78779.86	394751.28	41.08	Concrete	11,160	-0.70
08/18/2021	16:51:55	78780.08	394751.28	41.10	Concrete	13,920	1.25
08/18/2021	16:51:56	78780.28	394751.42	41.08	Concrete	14,820	1.88
08/18/2021	16:51:57	78780.49	394751.38	41.08	Concrete	12,720	0.40
08/18/2021	16:51:58	78780.68	394751.46	41.06	Concrete	12,660	0.36
08/18/2021	16:51:59	78780.82	394751.48	41.07	Concrete	10,860	-0.91
08/18/2021	16:52:00	78780.86	394751.43	41.06	Concrete	12,540	0.27
08/18/2021	16:52:01	78781.06	394751.33	41.07	Concrete	11,880	-0.19
08/18/2021	16:52:02	78781.00	394751.33	41.08	Concrete	15,900	2.64
08/18/2021	16:52:03	78780.89	394751.18	41.09	Concrete	12,240	0.06
08/18/2021	16:52:04	78780.71	394751.19	41.10	Concrete	12,600	0.31
08/18/2021	16:52:05	78780.54	394751.09	41.10	Concrete	12,780	0.44
08/18/2021	16:52:06	78780.35	394751.13	41.10	Concrete	13,680	1.08
08/18/2021	16:52:07	78780.19	394751.03	41.10	Concrete	12,720	0.40
08/18/2021	16:52:08	78779.94	394751.06	41.10	Concrete	12,780	0.44
08/18/2021	16:52:09	78779.72	394750.99	41.11	Concrete	12,180	0.02
08/18/2021	16:52:10	78779.51	394750.89	41.13	Concrete	11,340	-0.57
08/18/2021	16:52:11	78779.35	394750.60	41.12	Concrete	13,620	1.03
08/18/2021	16:52:12	78779.38	394750.53	41.11	Concrete	10,500	-1.17
08/18/2021	16:52:13	78779.51	394750.48	41.11	Concrete	11,760	-0.28
08/18/2021	16:52:14	78779.63	394750.60	41.11	Concrete	11,220	-0.66
08/18/2021	16:52:15	78779.82	394750.59	41.11	Concrete	10,680	-1.04
08/18/2021	16:52:16	78779.96	394750.68	41.11	Concrete	12,360	0.15
08/18/2021	16:52:17	78780.13	394750.71	41.10	Concrete	12,300	0.10
08/18/2021	16:52:18	78780.31	394750.80	41.09	Concrete	13,500	0.95
08/18/2021	16:52:19	78780.52	394750.92	41.07	Concrete	12,420	0.19
08/18/2021	16:52:20	78780.72	394750.97	41.08	Concrete	12,900	0.53
08/18/2021	16:52:21	78781.03	394751.01	41.10	Concrete	12,480	0.23
08/18/2021	16:52:22	78780.97	394750.91	41.09	Concrete	14,820	1.88
08/18/2021	16:52:23	78780.94	394750.71	41.10	Concrete	13,800	1.16
08/18/2021	16:52:24	78780.82	394750.82	41.10	Concrete	13,260	0.78
08/18/2021	16:52:25	78780.69	394750.78	41.11	Concrete	14,400	1.58
08/18/2021	16:52:26	78780.53	394750.74	41.12	Concrete	12,900	0.53
08/18/2021	16:52:27	78780.36	394750.68	41.11	Concrete	13,740	1.12
08/18/2021	16:52:28	78780.14	394750.63	41.12	Concrete	12,660	0.36
08/18/2021	16:52:29	78779.93	394750.58	41.12	Concrete	12,300	0.10
08/18/2021	16:52:30	78779.64	394750.57	41.12	Concrete	10,500	-1.17
08/18/2021	16:52:31	78779.49	394750.50	41.11	Concrete	13,380	0.86
08/18/2021	16:52:32	78779.45	394750.16	41.10	Concrete	11,880	-0.19
08/18/2021	16:52:33	78779.53	394750.13	41.10	Concrete	14,100	1.37
08/18/2021	16:52:34	78779.68	394750.09	41.10	Concrete	12,120	-0.02
08/18/2021	16:52:35	78779.79	394750.21	41.10	Concrete	10,980	-0.83
08/18/2021	16:52:36	78779.98	394750.22	41.10	Concrete	12,360	0.15

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08/18/2021	16:52:37	78780.12	394750.32	41.09	Concrete	11,100	-0.74
08/18/2021	16:52:38	78780.25	394750.38	41.09	Concrete	11,640	-0.36
08/18/2021	16:52:39	78780.42	394750.38	41.08	Concrete	11,580	-0.40
08/18/2021	16:52:40	78780.56	394750.42	41.07	Concrete	12,600	0.31
08/18/2021	16:52:41	78780.72	394750.39	41.07	Concrete	15,900	2.64
08/18/2021	16:52:42	78780.90	394750.49	41.06	Concrete	13,020	0.61
08/18/2021	16:52:43	78781.11	394750.51	41.06	Concrete	12,960	0.57
08/18/2021	16:52:44	78781.30	394750.60	41.08	Concrete	13,200	0.74
08/18/2021	16:52:45	78781.36	394750.48	41.08	Concrete	13,980	1.29
08/18/2021	16:52:46	78781.32	394750.37	41.08	Concrete	12,300	0.10
08/18/2021	16:52:47	78781.16	394750.25	41.08	Concrete	12,240	0.06
08/18/2021	16:52:48	78780.97	394750.21	41.09	Concrete	12,540	0.27
08/18/2021	16:52:49	78780.73	394750.21	41.09	Concrete	13,200	0.74
08/18/2021	16:52:50	78780.52	394750.14	41.09	Concrete	11,040	-0.79
08/18/2021	16:52:51	78780.30	394750.21	41.09	Concrete	11,640	-0.36
08/18/2021	16:52:52	78780.04	394750.14	41.08	Concrete	11,580	-0.40
08/18/2021	16:52:53	78779.85	394750.19	41.07	Concrete	11,340	-0.57
08/18/2021	16:52:54	78779.73	394750.20	41.06	Concrete	10,560	-1.12
08/18/2021	16:52:55	78779.81	394750.30	41.05	Concrete	11,460	-0.49
08/18/2021	16:52:56	78780.11	394750.31	41.05	Concrete	13,800	1.16
08/18/2021	16:52:57	78780.52	394750.32	41.05	Concrete	10,740	-1.00
08/18/2021	16:52:58	78780.96	394750.21	41.05	Concrete	14,340	1.54
08/18/2021	16:52:59	78781.32	394750.16	41.07	Concrete	13,380	0.86
08/18/2021	16:53:00	78781.47	394750.18	41.09	Concrete	12,420	0.19
08/18/2021	16:53:01	78781.45	394750.21	41.08	Concrete	13,500	0.95
08/18/2021	16:53:02	78781.51	394750.31	41.09	Concrete	13,440	0.91
08/18/2021	16:53:03	78781.36	394750.46	41.08	Concrete	13,560	0.99
08/18/2021	16:53:04	78781.32	394750.67	41.08	Concrete	12,720	0.40
08/18/2021	16:53:05	78781.21	394750.86	41.08	Concrete	12,960	0.57
08/18/2021	16:53:06	78781.29	394751.03	41.08	Concrete	10,860	-0.91
08/18/2021	16:53:07	78781.33	394751.22	41.04	Concrete	11,940	-0.15
08/18/2021	16:53:08	78781.49	394751.39	41.02	Concrete	11,400	-0.53
08/18/2021	16:53:09	78781.55	394751.40	41.03	Concrete	12,000	-0.11
08/18/2021	16:53:10	78781.62	394751.34	41.03	Concrete	13,080	0.65
08/18/2021	16:53:11	78781.52	394751.17	41.04	Concrete	12,120	-0.02
08/18/2021	16:53:12	78781.60	394750.97	41.05	Concrete	11,640	-0.36
08/18/2021	16:53:13	78781.61	394750.71	41.07	Concrete	15,240	2.18
08/18/2021	16:53:14	78781.52	394750.49	41.07	Concrete	11,820	-0.24
08/18/2021	16:53:15	78781.48	394750.33	41.06	Concrete	12,900	0.53
08/18/2021	16:53:16	78781.33	394750.20	41.05	Concrete	12,060	-0.07
08/18/2021	16:53:17	78781.39	394750.21	41.06	Concrete	13,200	0.74
08/18/2021	16:53:18	78781.65	394750.24	41.09	Concrete	15,360	2.26
08/18/2021	16:53:19	78781.75	394750.39	41.09	Concrete	11,700	-0.32
08/18/2021	16:53:20	78781.80	394750.58	41.09	Concrete	12,360	0.15
08/18/2021	16:53:21	78781.79	394750.76	41.09	Concrete	13,800	1.16
08/18/2021	16:53:22	78781.72	394750.97	41.08	Concrete	13,260	0.78
08/18/2021	16:53:23	78781.72	394751.16	41.07	Concrete	13,620	1.03
08/18/2021	16:53:24	78781.69	394751.29	41.04	Concrete	10,980	-0.83
08/18/2021	16:53:25	78781.79	394751.33	41.01	Concrete	9,840	-1.63
08/18/2021	16:53:26	78781.85	394751.36	41.03	Concrete	10,560	-1.12
08/18/2021	16:53:27	78781.99	394751.32	41.04	Concrete	13,500	0.95

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08/18/2021	16:53:28	78782.02	394751.16	41.06	Concrete	12,060	-0.07
08/18/2021	16:53:29	78782.06	394751.01	41.07	Concrete	12,240	0.06
08/18/2021	16:53:30	78782.12	394750.85	41.08	Concrete	13,620	1.03
08/18/2021	16:53:31	78782.21	394750.64	41.09	Concrete	14,220	1.46
08/18/2021	16:53:32	78782.34	394750.50	41.10	Concrete	13,380	0.86
08/18/2021	16:53:33	78782.36	394750.34	41.09	Concrete	11,760	-0.28
08/18/2021	16:53:34	78782.50	394750.30	41.11	Concrete	12,180	0.02
08/18/2021	16:53:35	78782.76	394750.32	41.10	Concrete	12,480	0.23
08/18/2021	16:53:36	78782.78	394750.38	41.11	Concrete	12,120	-0.02
08/18/2021	16:53:37	78782.66	394750.41	41.11	Concrete	12,060	-0.07
08/18/2021	16:53:38	78782.63	394750.53	41.11	Concrete	12,840	0.48
08/18/2021	16:53:39	78782.52	394750.67	41.11	Concrete	12,480	0.23
08/18/2021	16:53:40	78782.51	394750.84	41.11	Concrete	13,440	0.91
08/18/2021	16:53:41	78782.47	394751.02	41.07	Concrete	12,120	-0.02
08/18/2021	16:53:42	78782.43	394751.24	41.08	Concrete	11,580	-0.40
08/18/2021	16:53:43	78782.41	394751.39	41.06	Concrete	11,040	-0.79
08/18/2021	16:53:44	78782.54	394751.44	41.02	Concrete	11,400	-0.53
08/18/2021	16:53:45	78782.67	394751.50	41.01	Concrete	9,840	-1.63
08/18/2021	16:53:46	78782.72	394751.43	41.03	Concrete	11,100	-0.74
08/18/2021	16:53:47	78782.84	394751.29	41.04	Concrete	11,400	-0.53
08/18/2021	16:53:48	78782.81	394751.15	41.09	Concrete	12,660	0.36
08/18/2021	16:53:49	78782.82	394751.04	41.11	Concrete	12,840	0.48
08/18/2021	16:53:50	78782.80	394750.87	41.12	Concrete	12,660	0.36
08/18/2021	16:53:51	78782.88	394750.72	41.12	Concrete	12,840	0.48
08/18/2021	16:53:52	78782.87	394750.52	41.13	Concrete	11,880	-0.19
08/18/2021	16:53:53	78782.98	394750.42	41.12	Concrete	11,520	-0.45
08/18/2021	16:53:54	78783.31	394750.37	41.12	Concrete	13,320	0.82
08/18/2021	16:53:55	78783.34	394750.37	41.12	Concrete	11,760	-0.28
08/18/2021	16:53:56	78783.34	394750.46	41.12	Concrete	14,160	1.41
08/18/2021	16:53:57	78783.30	394750.59	41.12	Concrete	11,640	-0.36
08/18/2021	16:53:58	78783.26	394750.78	41.12	Concrete	11,880	-0.19
08/18/2021	16:53:59	78783.21	394751.00	41.11	Concrete	12,180	0.02
08/18/2021	16:54:00	78783.20	394751.16	41.05	Concrete	13,920	1.25
08/18/2021	16:54:01	78783.28	394751.36	41.07	Concrete	11,700	-0.32
08/18/2021	16:54:02	78783.35	394751.44	41.04	Concrete	9,900	-1.59
08/18/2021	16:54:03	78783.42	394751.54	41.04	Concrete	11,520	-0.45
08/18/2021	16:54:04	78783.41	394751.50	41.06	Concrete	11,400	-0.53
08/18/2021	16:54:05	78783.40	394751.34	41.08	Concrete	13,860	1.20
08/18/2021	16:54:06	78783.47	394751.19	41.11	Concrete	14,820	1.88
08/18/2021	16:54:07	78783.43	394751.00	41.12	Concrete	14,520	1.67
08/18/2021	16:54:08	78783.55	394750.83	41.13	Concrete	15,840	2.60
08/18/2021	16:54:09	78783.51	394750.55	41.12	Concrete	13,440	0.91
08/18/2021	16:54:10	78783.59	394750.45	41.11	Concrete	13,260	0.78
08/18/2021	16:54:11	78783.93	394750.40	41.11	Concrete	15,180	2.13
08/18/2021	16:54:12	78784.04	394750.44	41.12	Concrete	13,320	0.82
08/18/2021	16:54:13	78783.97	394750.56	41.12	Concrete	15,480	2.35
08/18/2021	16:54:14	78783.93	394750.75	41.13	Concrete	14,700	1.80
08/18/2021	16:54:15	78783.87	394750.90	41.13	Concrete	14,520	1.67
08/18/2021	16:54:16	78783.81	394751.08	41.12	Concrete	13,020	0.61
08/18/2021	16:54:17	78783.84	394751.27	41.10	Concrete	12,120	-0.02
08/18/2021	16:54:18	78783.77	394751.46	41.09	Concrete	12,060	-0.07

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08/18/2021	16:54:19	78783.79	394751.57	41.06	Concrete	11,340	-0.57
08/18/2021	16:54:20	78783.94	394751.72	41.08	Concrete	10,080	-1.46
08/18/2021	16:54:21	78783.96	394751.69	41.09	Concrete	11,880	-0.19
08/18/2021	16:54:22	78784.10	394751.62	41.09	Concrete	13,020	0.61
08/18/2021	16:54:23	78784.12	394751.42	41.10	Concrete	13,500	0.95
08/18/2021	16:54:24	78784.18	394751.24	41.11	Concrete	12,600	0.31
08/18/2021	16:54:25	78784.17	394751.05	41.13	Concrete	13,740	1.12
08/18/2021	16:54:26	78784.18	394750.85	41.14	Concrete	14,400	1.58
08/18/2021	16:54:27	78784.22	394750.70	41.14	Concrete	11,460	-0.49
08/18/2021	16:54:28	78784.28	394750.49	41.13	Concrete	10,800	-0.95
08/18/2021	16:54:29	78784.44	394750.47	41.16	Concrete	9,960	-1.55
08/18/2021	16:54:30	78784.79	394750.47	41.14	Concrete	11,820	-0.24
08/18/2021	16:54:31	78784.85	394750.48	41.14	Concrete	13,560	0.99
08/18/2021	16:54:32	78784.75	394750.54	41.14	Concrete	13,800	1.16
08/18/2021	16:54:33	78784.70	394750.67	41.14	Concrete	11,940	-0.15
08/18/2021	16:54:34	78784.64	394750.86	41.14	Concrete	13,440	0.91
08/18/2021	16:54:35	78784.53	394751.07	41.13	Concrete	11,280	-0.62
08/18/2021	16:54:36	78784.51	394751.27	41.11	Concrete	12,720	0.40
08/18/2021	16:54:37	78784.47	394751.49	41.12	Concrete	13,140	0.70
08/18/2021	16:54:38	78784.47	394751.64	41.11	Concrete	11,820	-0.24
08/18/2021	16:54:39	78784.64	394751.84	41.09	Concrete	10,800	-0.95
08/18/2021	16:54:40	78784.65	394751.88	41.10	Concrete	11,160	-0.70
08/18/2021	16:54:41	78784.76	394751.89	41.09	Concrete	10,680	-1.04
08/18/2021	16:54:42	78784.76	394751.76	41.09	Concrete	14,460	1.63
08/18/2021	16:54:43	78784.85	394751.61	41.09	Concrete	11,640	-0.36
08/18/2021	16:54:44	78784.83	394751.42	41.11	Concrete	13,140	0.70
08/18/2021	16:54:45	78784.91	394751.26	41.11	Concrete	11,280	-0.62
08/18/2021	16:54:46	78784.90	394751.07	41.12	Concrete	11,640	-0.36
08/18/2021	16:54:47	78784.96	394750.87	41.11	Concrete	13,800	1.16
08/18/2021	16:54:48	78784.90	394750.63	41.13	Concrete	12,300	0.10
08/18/2021	16:54:49	78785.02	394750.46	41.10	Concrete	13,440	0.91
08/18/2021	16:54:50	78785.32	394750.31	41.09	Concrete	13,680	1.08
08/18/2021	16:54:51	78785.37	394750.36	41.11	Concrete	12,960	0.57
08/18/2021	16:54:52	78785.39	394750.53	41.13	Concrete	11,280	-0.62
08/18/2021	16:54:53	78785.35	394750.69	41.12	Concrete	12,480	0.23
08/18/2021	16:54:54	78785.36	394750.88	41.13	Concrete	13,020	0.61
08/18/2021	16:54:55	78785.27	394751.05	41.13	Concrete	11,940	-0.15
08/18/2021	16:54:56	78785.27	394751.24	41.13	Concrete	12,480	0.23
08/18/2021	16:54:57	78785.17	394751.42	41.13	Concrete	13,500	0.95
08/18/2021	16:54:58	78785.15	394751.64	41.13	Concrete	10,920	-0.87
08/18/2021	16:54:59	78785.08	394751.87	41.12	Concrete	11,940	-0.15
08/18/2021	16:55:00	78785.17	394751.97	41.08	Concrete	9,000	-2.22
08/18/2021	16:55:01	78785.37	394752.19	41.07	Concrete	11,460	-0.49
08/18/2021	16:55:02	78785.37	394752.17	41.07	Concrete	12,720	0.40
08/18/2021	16:55:03	78785.38	394752.01	41.08	Concrete	11,580	-0.40
08/18/2021	16:55:04	78785.45	394751.86	41.08	Concrete	14,520	1.67
08/18/2021	16:55:05	78785.43	394751.67	41.09	Concrete	13,440	0.91
08/18/2021	16:55:06	78785.47	394751.49	41.10	Concrete	13,740	1.12
08/18/2021	16:55:07	78785.45	394751.25	41.11	Concrete	13,140	0.70
08/18/2021	16:55:08	78785.54	394751.05	41.11	Concrete	13,380	0.86
08/18/2021	16:55:09	78785.55	394750.79	41.12	Concrete	12,660	0.36

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08/18/2021	16:55:10	78785.63	394750.59	41.10	Concrete	11,820	-0.24
08/18/2021	16:55:11	78785.71	394750.31	41.09	Concrete	11,820	-0.24
08/18/2021	16:55:12	78785.91	394750.19	41.09	Concrete	10,260	-1.34
08/18/2021	16:55:13	78786.15	394750.24	41.08	Concrete	11,280	-0.62
08/18/2021	16:55:14	78786.12	394750.31	41.09	Concrete	11,220	-0.66
08/18/2021	16:55:15	78786.08	394750.45	41.11	Concrete	9,900	-1.59
08/18/2021	16:55:16	78786.02	394750.60	41.11	Concrete	11,520	-0.45
08/18/2021	16:55:17	78785.93	394750.79	41.12	Concrete	13,260	0.78
08/18/2021	16:55:18	78785.90	394750.99	41.13	Concrete	10,920	-0.87
08/18/2021	16:55:19	78785.83	394751.16	41.13	Concrete	13,620	1.03
08/18/2021	16:55:20	78785.81	394751.38	41.14	Concrete	11,460	-0.49
08/18/2021	16:55:21	78785.74	394751.59	41.09	Concrete	13,680	1.08
08/18/2021	16:55:22	78785.62	394751.83	41.09	Concrete	11,280	-0.62
08/18/2021	16:55:23	78785.59	394752.10	41.06	Concrete	12,060	-0.07
08/18/2021	16:55:24	78785.47	394752.34	41.05	Concrete	13,020	0.61
08/18/2021	16:55:25	78785.43	394752.61	41.02	Concrete	11,460	-0.49
08/18/2021	16:55:26	78785.28	394752.87	41.04	Concrete	11,760	-0.28
08/18/2021	16:55:27	78785.31	394753.08	40.99	Concrete	10,920	-0.87
08/18/2021	16:55:28	78785.42	394753.10	41.00	Concrete	12,120	-0.02
08/18/2021	16:55:29	78785.57	394752.97	41.00	Concrete	11,640	-0.36
08/18/2021	16:55:30	78785.62	394752.73	41.02	Concrete	12,540	0.27
08/18/2021	16:55:31	78785.69	394752.48	41.03	Concrete	11,460	-0.49
08/18/2021	16:55:32	78785.79	394752.23	41.07	Concrete	12,600	0.31
08/18/2021	16:55:33	78785.88	394751.96	41.08	Concrete	9,720	-1.72
08/18/2021	16:55:34	78786.02	394751.74	41.10	Concrete	11,940	-0.15
08/18/2021	16:55:35	78786.07	394751.46	41.13	Concrete	12,720	0.40
08/18/2021	16:55:36	78786.18	394751.23	41.13	Concrete	11,160	-0.70
08/18/2021	16:55:37	78786.23	394750.93	41.13	Concrete	12,060	-0.07
08/18/2021	16:55:38	78786.29	394750.65	41.12	Concrete	11,400	-0.53
08/18/2021	16:55:39	78786.37	394750.47	41.10	Concrete	13,020	0.61
08/18/2021	16:55:40	78786.63	394750.37	41.08	Concrete	12,720	0.40
08/18/2021	16:55:41	78786.81	394750.43	41.11	Concrete	11,400	-0.53
08/18/2021	16:55:42	78786.86	394750.59	41.13	Concrete	12,480	0.23
08/18/2021	16:55:43	78786.79	394750.79	41.13	Concrete	11,040	-0.79
08/18/2021	16:55:44	78786.66	394750.90	41.14	Concrete	13,500	0.95
08/18/2021	16:55:45	78786.52	394750.94	41.14	Concrete	10,740	-1.00
08/18/2021	16:55:46	78786.45	394750.94	41.14	Concrete	11,880	-0.19
08/18/2021	16:55:47	78786.38	394750.82	41.12	Concrete	12,180	0.02
08/18/2021	16:55:48	78786.45	394750.72	41.13	Concrete	13,140	0.70
08/18/2021	16:55:49	78786.47	394750.83	41.13	Concrete	11,280	-0.62
08/18/2021	16:55:50	78786.78	394751.03	41.12	Concrete	12,600	0.31
08/18/2021	16:55:51	78786.92	394751.17	41.13	Concrete	12,300	0.10
08/18/2021	16:55:52	78786.84	394751.41	41.12	Concrete	11,820	-0.24
08/18/2021	16:55:53	78786.68	394751.63	41.09	Concrete	10,440	-1.21
08/18/2021	16:55:54	78786.44	394751.82	41.06	Concrete	11,160	-0.70
08/18/2021	16:55:55	78786.19	394752.05	41.04	Concrete	10,920	-0.87
08/25/2021	17:04:41	78776.08	394751.84	39.21	Concrete	13,980	1.29
08/25/2021	17:04:42	78776.35	394751.85	39.21	Concrete	12,480	0.23
08/25/2021	17:04:43	78776.53	394751.90	39.21	Concrete	12,300	0.10
08/25/2021	17:04:44	78776.61	394751.85	39.22	Concrete	12,960	0.57
08/25/2021	17:04:45	78776.71	394751.69	39.24	Concrete	12,600	0.31

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08/25/2021	17:04:46	78776.84	394751.60	39.28	Concrete	13,140	0.70
08/25/2021	17:04:47	78776.95	394751.38	39.34	Concrete	12,600	0.31
08/25/2021	17:04:48	78777.10	394751.34	39.36	Concrete	12,540	0.27
08/25/2021	17:04:49	78777.16	394751.26	39.38	Concrete	12,060	-0.07
08/25/2021	17:04:50	78777.26	394751.18	39.37	Concrete	14,100	1.37
08/25/2021	17:04:51	78777.49	394751.11	39.34	Concrete	12,600	0.31
08/25/2021	17:04:52	78777.62	394750.98	39.38	Concrete	12,540	0.27
08/25/2021	17:04:53	78777.89	394750.80	39.42	Concrete	11,880	-0.19
08/25/2021	17:04:54	78777.97	394750.65	39.42	Concrete	13,020	0.61
08/25/2021	17:04:55	78778.02	394750.67	39.42	Concrete	12,720	0.40
08/25/2021	17:04:56	78778.02	394750.68	39.44	Concrete	12,900	0.53
08/25/2021	17:04:57	78778.04	394750.71	39.49	Concrete	13,800	1.16
08/25/2021	17:04:58	78778.27	394750.56	39.91	Concrete	13,260	0.78
08/25/2021	17:05:55	78777.99	394750.01	38.96	Concrete	13,920	1.25
08/25/2021	17:05:56	78777.96	394749.99	38.83	Concrete	13,560	0.99
08/25/2021	17:05:57	78778.04	394750.06	38.79	Concrete	10,620	-1.08
08/25/2021	17:05:58	78778.14	394750.17	38.74	Concrete	12,300	0.10
08/25/2021	17:05:59	78778.13	394750.10	38.70	Concrete	12,180	0.02
08/25/2021	17:06:00	78778.12	394750.07	38.73	Concrete	11,880	-0.19
08/25/2021	17:06:01	78778.30	394750.05	38.68	Concrete	12,720	0.40
08/25/2021	17:06:02	78778.36	394749.94	38.67	Concrete	12,780	0.44
08/25/2021	17:06:03	78778.55	394749.83	38.63	Concrete	12,480	0.23
08/25/2021	17:06:04	78778.53	394749.67	38.66	Concrete	12,360	0.15
08/25/2021	17:06:05	78778.69	394749.56	38.63	Concrete	13,200	0.74
08/25/2021	17:06:06	78778.69	394749.50	38.66	Concrete	10,260	-1.34
08/25/2021	17:06:07	78778.78	394749.53	38.63	Concrete	11,820	-0.24
08/25/2021	17:06:08	78778.75	394749.52	38.67	Concrete	12,240	0.06
08/25/2021	17:06:09	78778.79	394749.54	38.68	Concrete	11,880	-0.19
08/25/2021	17:06:10	78778.60	394749.57	38.70	Concrete	11,760	-0.28
08/25/2021	17:06:11	78778.39	394749.51	38.68	Concrete	11,880	-0.19
08/25/2021	17:06:12	78778.32	394749.78	38.62	Concrete	11,340	-0.57
08/25/2021	17:06:13	78778.29	394749.91	38.62	Concrete	13,260	0.78
08/25/2021	17:06:14	78778.15	394749.90	38.58	Concrete	12,900	0.53
08/25/2021	17:06:15	78778.06	394750.10	38.57	Concrete	13,200	0.74
08/25/2021	17:06:16	78777.88	394750.05	38.56	Concrete	13,200	0.74
08/25/2021	17:06:17	78777.82	394750.24	38.55	Concrete	14,340	1.54
08/25/2021	17:06:18	78777.71	394750.27	38.52	Concrete	10,860	-0.91
08/25/2021	17:06:19	78777.58	394750.35	38.52	Concrete	11,280	-0.62
08/25/2021	17:06:20	78777.53	394750.50	38.52	Concrete	13,500	0.95
08/25/2021	17:06:21	78777.39	394750.43	38.56	Concrete	12,660	0.36
08/25/2021	17:06:22	78777.28	394750.75	38.51	Concrete	11,880	-0.19
08/25/2021	17:06:23	78777.14	394750.63	38.49	Concrete	12,900	0.53
08/25/2021	17:06:24	78777.05	394750.71	38.45	Concrete	11,940	-0.15
08/25/2021	17:06:25	78776.93	394750.83	38.44	Concrete	11,940	-0.15
08/25/2021	17:06:26	78776.82	394750.94	38.43	Concrete	13,380	0.86
08/25/2021	17:06:27	78776.72	394751.12	38.44	Concrete	11,760	-0.28
08/25/2021	17:06:28	78776.52	394751.23	38.43	Concrete	12,060	-0.07
08/25/2021	17:06:29	78776.43	394751.35	38.45	Concrete	12,480	0.23
08/25/2021	17:06:30	78776.28	394751.29	38.45	Concrete	12,360	0.15
08/25/2021	17:06:31	78776.30	394751.56	38.42	Concrete	12,720	0.40
08/25/2021	17:06:32	78776.15	394751.55	38.43	Concrete	12,960	0.57

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08/25/2021	17:06:33	78776.09	394751.78	38.41	Concrete	13,800	1.16
08/25/2021	17:06:36	78776.12	394752.01	38.44	Concrete	13,140	0.70
08/25/2021	17:06:37	78776.29	394752.07	38.46	Concrete	11,880	-0.19
08/25/2021	17:06:38	78776.41	394751.81	38.47	Concrete	13,260	0.78
08/25/2021	17:06:39	78776.59	394751.70	38.46	Concrete	13,560	0.99
08/25/2021	17:06:40	78776.64	394751.49	38.49	Concrete	13,140	0.70
08/25/2021	17:06:41	78776.81	394751.43	38.49	Concrete	15,060	2.05
08/25/2021	17:06:42	78776.82	394751.23	38.51	Concrete	14,100	1.37
08/25/2021	17:06:43	78777.01	394751.20	38.51	Concrete	14,100	1.37
08/25/2021	17:06:44	78777.04	394751.02	38.52	Concrete	10,620	-1.08
08/25/2021	17:06:45	78777.30	394750.95	38.53	Concrete	14,700	1.80
08/25/2021	17:06:46	78777.37	394750.72	38.56	Concrete	13,380	0.86
08/25/2021	17:06:47	78777.58	394750.74	38.57	Concrete	13,260	0.78
08/25/2021	17:06:48	78777.59	394750.48	38.59	Concrete	13,080	0.65
08/25/2021	17:06:49	78777.83	394750.42	38.55	Concrete	14,280	1.50
08/25/2021	17:06:50	78777.88	394750.24	38.57	Concrete	11,640	-0.36
08/25/2021	17:06:51	78778.01	394750.19	38.58	Concrete	13,680	1.08
08/25/2021	17:06:52	78778.12	394750.07	38.58	Concrete	13,560	0.99
08/25/2021	17:06:53	78778.21	394749.90	38.62	Concrete	12,540	0.27
08/25/2021	17:06:54	78778.35	394749.85	38.64	Concrete	12,360	0.15
08/25/2021	17:06:55	78778.38	394749.64	38.63	Concrete	12,780	0.44
08/25/2021	17:06:59	78777.22	394750.50	38.74	Concrete	12,600	0.31
08/25/2021	17:07:02	78776.21	394751.36	38.72	Concrete	12,540	0.27
08/25/2021	17:07:23	78777.52	394750.27	38.68	Concrete	12,120	-0.02
08/25/2021	17:08:13	78777.61	394750.19	38.22	Concrete	17,580	3.83
08/25/2021	17:08:15	78777.59	394750.21	38.22	Concrete	14,880	1.92
08/25/2021	17:08:17	78777.57	394750.21	38.21	Concrete	16,080	2.77
08/25/2021	17:08:18	78777.62	394750.17	38.21	Concrete	15,540	2.39
08/30/2021	16:00:20	78775.89	394757.28	41.16	Concrete	11,400	-0.53
08/30/2021	16:00:21	78775.89	394757.29	41.17	Concrete	11,820	-0.24
08/30/2021	16:00:22	78776.07	394757.54	41.17	Concrete	12,000	-0.11
08/30/2021	16:00:23	78776.20	394757.90	41.17	Concrete	13,200	0.74
08/30/2021	16:00:24	78776.43	394758.10	41.14	Concrete	13,200	0.74
08/30/2021	16:00:25	78776.68	394758.32	41.13	Concrete	13,260	0.78
08/30/2021	16:00:26	78776.84	394758.58	41.12	Concrete	11,280	-0.62
08/30/2021	16:00:27	78777.17	394758.83	41.13	Concrete	11,100	-0.74
08/30/2021	16:00:28	78777.39	394759.27	41.10	Concrete	10,740	-1.00
08/30/2021	16:00:29	78777.71	394759.53	41.09	Concrete	9,780	-1.67
08/30/2021	16:00:30	78777.86	394759.88	41.06	Concrete	12,180	0.02
08/30/2021	16:00:31	78778.12	394760.00	41.05	Concrete	10,500	-1.17
08/30/2021	16:00:32	78778.35	394760.30	41.03	Concrete	12,000	-0.11
08/30/2021	16:00:33	78778.56	394760.55	41.05	Concrete	11,160	-0.70
08/30/2021	16:00:34	78778.83	394760.73	41.05	Concrete	13,140	0.70
08/30/2021	16:00:35	78778.97	394761.06	41.03	Concrete	12,000	-0.11
08/30/2021	16:00:36	78779.26	394761.28	41.01	Concrete	12,900	0.53
08/30/2021	16:00:37	78779.42	394761.57	41.02	Concrete	15,120	2.09
08/30/2021	17:47:12	78784.34	394762.05	40.79	Concrete	11,280	-0.62
08/30/2021	17:47:13	78784.33	394762.06	40.78	Concrete	12,180	0.02
08/30/2021	17:47:14	78784.42	394762.13	40.77	Concrete	11,460	-0.49
08/30/2021	17:53:47	78785.26	394762.08	40.65	Concrete	10,500	-1.17
08/30/2021	17:53:49	78785.93	394761.45	40.65	Concrete	12,840	0.48

SU 7A GWS RESULTS

08/30/2021	17:53:51	78786.54	394761.03	40.66	Concrete	12,360	0.15
08/30/2021	17:53:53	78787.14	394760.49	40.67	Concrete	10,920	-0.87
08/30/2021	17:53:55	78787.73	394759.88	40.67	Concrete	11,520	-0.45
08/30/2021	17:53:56	78788.39	394759.32	40.68	Concrete	9,720	-1.72
08/30/2021	17:53:59	78788.99	394758.85	40.68	Concrete	10,800	-0.95
08/30/2021	17:54:00	78789.36	394758.31	40.67	Concrete	10,200	-1.38
08/30/2021	17:54:01	78789.63	394757.88	40.68	Concrete	10,080	-1.46
08/30/2021	17:54:03	78789.47	394757.47	40.68	Concrete	11,820	-0.24
08/30/2021	17:54:03	78789.63	394757.23	40.68	Concrete	12,960	0.57
08/30/2021	17:54:04	78789.33	394757.08	40.66	Concrete	12,300	0.10
08/30/2021	17:54:05	78789.36	394756.82	40.67	Concrete	10,860	-0.91
08/30/2021	17:54:07	78789.37	394756.82	40.68	Concrete	12,540	0.27
08/30/2021	17:54:07	78789.39	394756.84	40.69	Concrete	11,820	-0.24
08/30/2021	17:54:08	78789.39	394756.84	40.70	Concrete	12,720	0.40
08/30/2021	17:54:10	78789.41	394756.84	40.70	Concrete	11,040	-0.79
08/30/2021	17:54:10	78789.42	394756.82	40.71	Concrete	11,460	-0.49
08/30/2021	17:54:11	78789.44	394756.80	40.70	Concrete	13,320	0.82
08/30/2021	17:54:12	78789.42	394756.76	40.70	Concrete	12,840	0.48
08/30/2021	17:54:13	78789.32	394756.95	40.70	Concrete	11,100	-0.74
08/30/2021	17:54:15	78789.37	394757.01	40.72	Concrete	11,700	-0.32
08/30/2021	17:54:16	78789.36	394757.02	40.72	Concrete	11,520	-0.45
08/30/2021	17:54:16	78789.38	394756.99	40.72	Concrete	13,860	1.20
08/30/2021	17:54:17	78789.41	394756.86	40.72	Concrete	12,480	0.23
08/30/2021	17:54:18	78789.53	394756.81	40.72	Concrete	11,580	-0.40
08/30/2021	17:54:20	78789.40	394757.22	40.72	Concrete	12,360	0.15
08/30/2021	17:54:20	78789.38	394757.69	40.69	Concrete	12,060	-0.07
08/30/2021	17:54:21	78789.16	394758.04	40.68	Concrete	12,540	0.27
08/30/2021	17:54:22	78789.07	394758.49	40.66	Concrete	12,480	0.23
08/30/2021	17:54:23	78788.68	394759.01	40.66	Concrete	11,160	-0.70
08/30/2021	17:54:24	78788.04	394759.56	40.69	Concrete	12,300	0.10
08/30/2021	17:54:25	78787.47	394760.19	40.55	Concrete	13,020	0.61

SU 7B GWS RESULTS

GPS Date	GPS Time	Northing	Easting	Altitude	Matrix	Gamma (cpm)	Z-Score
08/06/2021	11:37:24	78786.03	394739.08	35.25	Soil	11,160	0.50
08/06/2021	11:37:25	78786.01	394739.02	35.21	Soil	11,820	0.95
08/06/2021	11:37:26	78786.03	394738.80	35.15	Soil	11,580	0.78
08/06/2021	11:37:27	78786.08	394738.81	35.14	Soil	9,300	-0.78
08/06/2021	11:37:28	78786.14	394739.04	35.32	Soil	9,000	-0.98
08/06/2021	11:37:29	78786.14	394739.19	35.29	Soil	8,640	-1.23
08/06/2021	11:37:30	78786.06	394738.98	35.13	Soil	11,400	0.66
08/06/2021	11:37:31	78785.96	394738.84	35.17	Soil	10,320	-0.08
08/06/2021	11:37:32	78785.85	394739.14	35.24	Soil	9,000	-0.98
08/06/2021	11:37:33	78785.75	394739.28	35.23	Soil	10,380	-0.04
08/06/2021	11:37:34	78785.75	394739.00	35.20	Soil	9,240	-0.82
08/06/2021	11:37:35	78785.81	394738.92	35.28	Soil	9,000	-0.98
08/06/2021	11:37:38	78785.72	394739.13	35.35	Soil	10,500	0.04
08/06/2021	11:37:39	78785.49	394738.89	35.34	Soil	7,560	-1.97
08/06/2021	11:37:40	78785.33	394739.16	35.39	Soil	10,320	-0.08
08/06/2021	11:37:41	78785.40	394739.28	35.40	Soil	10,560	0.09
08/06/2021	11:37:42	78785.55	394739.21	35.42	Soil	10,620	0.13
08/06/2021	11:37:43	78785.42	394739.21	35.37	Soil	11,160	0.50
08/06/2021	11:37:44	78785.22	394739.26	35.38	Soil	9,840	-0.41
08/06/2021	11:37:45	78785.45	394739.29	35.32	Soil	10,440	0.00
08/06/2021	11:37:46	78785.59	394739.24	35.25	Soil	10,560	0.09
08/06/2021	11:37:47	78785.40	394739.21	35.25	Soil	8,700	-1.19
08/06/2021	11:37:48	78785.31	394739.22	35.21	Soil	10,860	0.29
08/06/2021	11:37:49	78785.45	394739.20	35.11	Soil	10,620	0.13
08/06/2021	11:37:50	78785.51	394739.15	35.15	Soil	12,000	1.07
08/06/2021	11:37:51	78785.47	394739.12	35.22	Soil	10,200	-0.16
08/06/2021	11:37:52	78785.50	394739.11	35.21	Soil	10,920	0.33
08/06/2021	11:37:53	78785.53	394739.11	35.20	Soil	10,260	-0.12
08/06/2021	11:37:54	78785.56	394739.13	35.22	Soil	10,620	0.13
08/06/2021	11:37:55	78785.61	394739.10	35.32	Soil	10,440	0.00
08/06/2021	11:37:56	78785.64	394739.00	35.35	Soil	9,240	-0.82
08/06/2021	11:37:57	78785.63	394739.15	35.40	Soil	10,740	0.21
08/06/2021	11:37:58	78785.68	394739.34	35.45	Soil	12,900	1.69
08/06/2021	11:37:59	78785.71	394739.17	35.43	Soil	11,100	0.45
08/06/2021	11:38:00	78785.69	394739.00	35.45	Soil	9,300	-0.78
08/06/2021	11:38:01	78785.63	394739.31	35.61	Soil	10,560	0.09
08/06/2021	11:38:02	78785.52	394739.59	35.60	Soil	10,800	0.25
08/06/2021	11:38:03	78785.41	394739.37	35.46	Soil	10,260	-0.12
08/06/2021	11:38:04	78785.40	394738.93	35.45	Soil	9,540	-0.61
08/06/2021	11:38:05	78785.51	394739.01	35.48	Soil	8,580	-1.27
08/06/2021	11:38:06	78785.52	394739.40	35.53	Soil	11,100	0.45
08/06/2021	11:38:07	78785.43	394739.30	35.42	Soil	9,660	-0.53
08/06/2021	11:38:08	78785.38	394738.93	35.50	Soil	8,280	-1.47
08/06/2021	11:38:09	78785.40	394739.13	35.45	Soil	9,300	-0.78
08/06/2021	11:38:10	78785.33	394739.43	35.44	Soil	9,300	-0.78
08/06/2021	11:38:11	78785.26	394739.15	35.39	Soil	10,200	-0.16
08/06/2021	11:38:12	78785.23	394738.89	35.32	Soil	9,540	-0.61
08/06/2021	11:38:13	78785.19	394739.19	35.35	Soil	10,320	-0.08
08/06/2021	11:38:14	78785.20	394739.38	35.30	Soil	9,240	-0.82
08/06/2021	11:38:18	78785.03	394739.32	35.41	Soil	9,240	-0.82

SU 7B GWS RESULTS

08/06/2021	11:38:21	78784.77	394738.98	35.40	Soil	10,380	-0.04
08/06/2021	11:38:22	78784.69	394739.26	35.45	Soil	10,260	-0.12
08/06/2021	11:38:23	78784.69	394739.17	35.47	Soil	10,500	0.04
08/06/2021	11:38:24	78784.64	394738.88	35.56	Soil	9,960	-0.32
08/06/2021	11:38:25	78784.58	394739.00	35.55	Soil	9,000	-0.98
08/06/2021	11:38:26	78784.62	394739.23	35.57	Soil	10,500	0.04
08/06/2021	11:38:27	78784.64	394739.05	35.56	Soil	9,480	-0.65
08/06/2021	11:38:28	78784.62	394738.80	35.57	Soil	8,220	-1.52
08/06/2021	11:38:29	78784.59	394739.03	35.59	Soil	10,200	-0.16
08/06/2021	11:38:30	78784.53	394739.24	35.58	Soil	11,100	0.45
08/06/2021	11:38:31	78784.49	394739.05	35.57	Soil	11,700	0.87
08/06/2021	11:38:32	78784.39	394738.79	35.57	Soil	8,880	-1.06
08/06/2021	11:38:33	78784.22	394738.89	35.54	Soil	9,120	-0.90
08/06/2021	11:38:34	78784.12	394739.08	35.53	Soil	11,640	0.82
08/06/2021	11:38:35	78784.09	394739.07	35.53	Soil	10,500	0.04
08/06/2021	11:38:36	78784.12	394738.90	35.57	Soil	10,860	0.29
08/06/2021	11:38:37	78784.21	394738.87	35.58	Soil	10,080	-0.24
08/06/2021	11:38:38	78784.21	394738.95	35.64	Soil	11,340	0.62
08/06/2021	11:38:39	78784.05	394738.85	35.78	Soil	10,740	0.21
08/06/2021	11:38:41	78783.99	394738.78	35.80	Soil	10,140	-0.20
08/06/2021	11:38:42	78784.09	394739.17	35.78	Soil	9,900	-0.37
08/06/2021	11:38:43	78784.02	394739.11	35.77	Soil	11,400	0.66
08/06/2021	11:38:44	78783.99	394738.77	35.77	Soil	8,940	-1.02
08/06/2021	11:38:50	78783.46	394739.18	35.48	Soil	10,860	0.29
08/06/2021	11:38:51	78783.56	394739.14	35.43	Soil	10,800	0.25
08/06/2021	11:38:57	78783.38	394738.93	35.32	Soil	11,220	0.54
08/06/2021	11:38:58	78783.48	394739.11	35.30	Soil	10,560	0.09
08/06/2021	11:38:59	78783.56	394739.14	35.25	Soil	10,620	0.13
08/06/2021	11:39:00	78783.44	394739.06	35.27	Soil	10,440	0.00
08/06/2021	11:39:01	78783.39	394739.07	35.22	Soil	10,200	-0.16
08/06/2021	11:39:02	78783.62	394739.15	35.13	Soil	10,200	-0.16
08/06/2021	11:39:03	78783.76	394739.05	35.11	Soil	9,780	-0.45
08/06/2021	11:39:42	78782.63	394738.64	34.05	Soil	12,960	1.73
08/06/2021	11:39:43	78782.57	394738.74	34.09	Soil	9,660	-0.53
08/06/2021	11:39:44	78782.67	394739.03	34.08	Soil	11,100	0.45
08/06/2021	11:39:45	78782.84	394738.95	34.00	Soil	9,900	-0.37
08/06/2021	11:39:46	78782.93	394738.70	34.00	Soil	10,080	-0.24
08/06/2021	11:39:47	78783.05	394738.72	34.01	Soil	11,220	0.54
08/06/2021	11:39:48	78783.05	394739.02	34.10	Soil	10,080	-0.24
08/06/2021	11:39:49	78782.95	394739.04	34.04	Soil	10,200	-0.16
08/06/2021	11:39:50	78782.97	394738.68	34.09	Soil	9,240	-0.82
08/06/2021	11:39:52	78783.29	394738.81	34.19	Soil	10,800	0.25
08/06/2021	11:39:53	78783.21	394739.08	34.13	Soil	11,220	0.54
08/06/2021	11:39:54	78783.04	394738.79	34.15	Soil	10,620	0.13
08/06/2021	11:39:56	78782.84	394738.54	34.13	Soil	10,260	-0.12
08/06/2021	11:39:57	78782.87	394738.72	34.22	Soil	11,220	0.54
08/06/2021	11:39:58	78782.89	394738.57	34.07	Soil	12,420	1.36
08/06/2021	11:39:59	78782.76	394738.62	34.09	Soil	9,840	-0.41
08/06/2021	11:40:00	78782.62	394738.88	34.14	Soil	10,920	0.33
08/06/2021	11:40:01	78782.54	394738.91	34.10	Soil	11,460	0.70
08/06/2021	11:40:02	78782.44	394738.67	34.11	Soil	11,160	0.50

SU 7B GWS RESULTS

08/06/2021	11:40:03	78782.45	394738.65	34.01	Soil	9,600	-0.57
08/06/2021	11:40:04	78782.55	394738.94	34.06	Soil	11,160	0.50
08/06/2021	11:40:05	78782.51	394739.11	34.02	Soil	11,640	0.82
08/06/2021	11:40:06	78782.38	394739.08	33.96	Soil	11,040	0.41
08/06/2021	11:40:07	78782.33	394738.77	33.98	Soil	9,120	-0.90
08/06/2021	11:40:08	78782.28	394738.63	33.96	Soil	9,360	-0.74
08/06/2021	11:40:09	78782.29	394738.94	33.98	Soil	9,600	-0.57
08/06/2021	11:40:10	78782.30	394739.12	33.97	Soil	10,440	0.00
08/06/2021	11:40:11	78782.18	394738.80	33.89	Soil	10,680	0.17
08/06/2021	11:40:12	78782.05	394738.61	33.85	Soil	9,300	-0.78
08/06/2021	11:40:13	78782.03	394738.99	33.92	Soil	9,480	-0.65
08/06/2021	11:40:14	78782.05	394739.23	33.85	Soil	11,040	0.41
08/06/2021	11:40:15	78781.98	394738.89	33.84	Soil	9,000	-0.98
08/06/2021	11:40:16	78781.92	394738.69	33.79	Soil	10,560	0.09
08/06/2021	11:40:17	78781.94	394738.90	33.79	Soil	10,560	0.09
08/06/2021	11:40:18	78781.93	394739.03	33.76	Soil	10,920	0.33
08/06/2021	11:40:19	78781.87	394738.90	33.75	Soil	9,060	-0.94
08/06/2021	11:40:20	78781.81	394738.74	33.78	Soil	8,040	-1.64
08/06/2021	11:40:21	78781.81	394738.69	33.76	Soil	9,240	-0.82
08/06/2021	11:40:22	78781.92	394738.88	33.78	Soil	10,140	-0.20
08/06/2021	11:40:23	78781.95	394739.13	33.83	Soil	9,600	-0.57
08/06/2021	11:40:24	78781.74	394738.94	33.81	Soil	9,540	-0.61
08/06/2021	11:40:25	78781.54	394738.53	33.78	Soil	9,960	-0.32
08/06/2021	11:40:26	78781.58	394738.72	33.79	Soil	8,760	-1.15
08/06/2021	11:40:27	78781.69	394739.18	33.89	Soil	9,300	-0.78
08/06/2021	11:40:28	78781.64	394739.18	33.88	Soil	9,060	-0.94
08/06/2021	11:40:29	78781.47	394738.78	33.88	Soil	8,760	-1.15
08/06/2021	11:40:30	78781.38	394738.70	33.97	Soil	9,780	-0.45
08/06/2021	11:40:31	78781.38	394739.09	33.96	Soil	9,420	-0.69
08/06/2021	11:40:32	78781.37	394739.12	33.90	Soil	9,240	-0.82
08/06/2021	11:40:33	78781.29	394738.76	33.91	Soil	10,260	-0.12
08/06/2021	11:40:34	78781.22	394738.75	34.07	Soil	10,920	0.33
08/06/2021	11:40:35	78781.26	394739.03	34.15	Soil	10,620	0.13
08/06/2021	11:40:36	78781.23	394739.13	34.08	Soil	9,360	-0.74
08/06/2021	11:40:37	78781.15	394739.10	34.07	Soil	9,420	-0.69
08/06/2021	11:40:38	78781.09	394738.90	34.04	Soil	9,120	-0.90
08/06/2021	11:40:39	78781.02	394738.66	34.03	Soil	9,420	-0.69
08/06/2021	11:40:40	78780.90	394738.75	34.13	Soil	10,320	-0.08
08/06/2021	11:40:41	78780.77	394739.00	34.23	Soil	10,140	-0.20
08/06/2021	11:40:42	78780.70	394739.04	34.29	Soil	8,460	-1.35
08/06/2021	11:40:43	78780.66	394738.79	34.36	Soil	9,120	-0.90
08/06/2021	11:40:44	78780.66	394738.69	34.50	Soil	10,260	-0.12
08/06/2021	11:40:45	78780.67	394738.93	34.64	Soil	10,680	0.17
08/06/2021	11:40:46	78780.63	394738.96	34.69	Soil	8,700	-1.19
08/06/2021	11:40:47	78780.54	394738.59	34.74	Soil	9,840	-0.41
08/06/2021	11:40:48	78780.47	394738.48	34.75	Soil	9,480	-0.65
08/06/2021	11:40:49	78780.39	394738.93	34.92	Soil	9,660	-0.53
08/06/2021	11:40:50	78780.28	394739.12	34.91	Soil	9,840	-0.41
08/06/2021	11:40:51	78780.23	394738.74	34.90	Soil	10,860	0.29
08/06/2021	11:40:52	78780.22	394738.53	34.95	Soil	10,560	0.09
08/06/2021	11:40:53	78780.19	394738.86	35.12	Soil	9,060	-0.94

SU 7B GWS RESULTS

08/06/2021	11:40:54	78780.12	394738.99	35.15	Soil	10,740	0.21
08/06/2021	11:40:55	78780.03	394738.64	35.13	Soil	8,220	-1.52
08/06/2021	11:40:56	78779.95	394738.53	35.11	Soil	9,660	-0.53
08/06/2021	11:40:57	78779.93	394738.93	35.23	Soil	10,260	-0.12
08/06/2021	11:40:58	78779.81	394739.04	35.20	Soil	10,200	-0.16
08/06/2021	11:40:59	78779.62	394738.65	35.22	Soil	9,180	-0.86
08/06/2021	11:41:00	78779.60	394738.54	35.21	Soil	8,460	-1.35
08/06/2021	11:41:01	78779.65	394738.84	35.32	Soil	8,340	-1.43
08/06/2021	11:41:02	78779.48	394738.97	35.33	Soil	9,960	-0.32
08/06/2021	11:41:03	78779.25	394738.58	35.35	Soil	11,340	0.62
08/06/2021	11:41:04	78779.23	394738.57	35.34	Soil	9,180	-0.86
08/06/2021	11:41:05	78779.33	394738.91	35.43	Soil	9,900	-0.37
08/06/2021	11:41:06	78779.32	394738.93	35.44	Soil	8,820	-1.10
08/06/2021	11:41:07	78779.09	394738.64	35.48	Soil	12,900	1.69
08/06/2021	11:41:08	78778.98	394738.60	35.53	Soil	8,880	-1.06
08/06/2021	11:41:09	78779.03	394738.87	35.57	Soil	11,340	0.62
08/06/2021	11:41:10	78778.98	394739.02	35.58	Soil	9,660	-0.53
08/06/2021	11:41:11	78778.85	394738.98	35.64	Soil	9,300	-0.78
08/06/2021	11:41:12	78778.83	394738.94	35.65	Soil	10,740	0.21
08/06/2021	11:41:13	78778.78	394738.83	35.68	Soil	10,140	-0.20
08/06/2021	11:41:14	78778.78	394738.67	35.64	Soil	9,300	-0.78
08/06/2021	11:41:15	78778.88	394738.82	35.72	Soil	9,900	-0.37
08/06/2021	11:41:16	78778.93	394739.12	35.77	Soil	10,380	-0.04
08/06/2021	11:41:17	78778.80	394739.02	35.80	Soil	10,380	-0.04
08/06/2021	11:41:18	78778.59	394738.59	35.75	Soil	10,980	0.37
08/06/2021	11:41:19	78778.57	394738.63	35.87	Soil	10,800	0.25
08/06/2021	11:41:20	78778.66	394739.03	35.93	Soil	10,320	-0.08
08/06/2021	11:41:21	78778.54	394739.06	35.93	Soil	11,580	0.78
08/06/2021	11:41:22	78778.37	394738.67	35.97	Soil	9,600	-0.57
08/06/2021	11:41:23	78778.32	394738.60	36.02	Soil	10,020	-0.28
08/06/2021	11:41:24	78778.35	394739.03	36.15	Soil	10,080	-0.24
08/06/2021	11:41:25	78778.45	394739.09	36.13	Soil	11,700	0.87
08/06/2021	11:41:26	78778.39	394738.74	36.09	Soil	10,260	-0.12
08/06/2021	11:41:27	78778.22	394738.72	36.20	Soil	9,900	-0.37
08/06/2021	11:41:28	78778.09	394739.08	36.19	Soil	11,220	0.54
08/06/2021	11:41:29	78778.01	394739.00	36.19	Soil	11,100	0.45
08/06/2021	11:41:30	78777.86	394738.60	36.25	Soil	9,240	-0.82
08/06/2021	11:41:31	78777.84	394738.55	36.31	Soil	9,660	-0.53
08/06/2021	11:41:32	78777.98	394738.82	36.42	Soil	8,520	-1.31
08/06/2021	11:41:33	78777.87	394739.00	36.41	Soil	11,760	0.91
08/06/2021	11:41:34	78777.71	394738.74	36.42	Soil	10,740	0.21
08/06/2021	11:41:35	78777.65	394738.49	36.45	Soil	11,220	0.54
08/06/2021	11:41:36	78777.58	394738.83	36.60	Soil	10,020	-0.28
08/06/2021	11:41:37	78777.62	394739.20	36.62	Soil	12,240	1.23
08/06/2021	11:41:38	78777.65	394739.06	36.65	Soil	10,320	-0.08
08/06/2021	11:41:39	78777.62	394738.74	36.71	Soil	11,340	0.62
08/06/2021	11:41:40	78777.49	394738.46	36.73	Soil	11,280	0.58
08/06/2021	11:41:41	78777.47	394738.84	36.78	Soil	9,660	-0.53
08/06/2021	11:41:42	78777.48	394739.30	36.76	Soil	10,080	-0.24
08/06/2021	11:41:43	78777.36	394739.09	36.74	Soil	10,080	-0.24
08/06/2021	11:41:44	78777.21	394738.64	36.79	Soil	10,020	-0.28

SU 7B GWS RESULTS

08/06/2021	11:41:45	78777.23	394738.79	36.80	Soil	10,560	0.09
08/06/2021	11:41:46	78777.28	394739.06	36.84	Soil	9,600	-0.57
08/06/2021	11:41:47	78777.17	394739.05	36.87	Soil	10,440	0.00
08/06/2021	11:41:48	78777.09	394738.86	36.83	Soil	8,760	-1.15
08/06/2021	11:41:49	78777.12	394738.68	36.85	Soil	10,980	0.37
08/06/2021	11:41:50	78777.14	394738.76	36.86	Soil	9,780	-0.45
08/06/2021	11:41:51	78777.11	394738.99	36.85	Soil	10,140	-0.20
08/06/2021	11:41:52	78777.05	394739.07	36.91	Soil	10,920	0.33
08/06/2021	11:41:53	78777.06	394739.08	36.93	Soil	10,620	0.13
08/06/2021	11:41:54	78777.03	394739.00	36.90	Soil	10,500	0.04
08/06/2021	11:41:55	78777.13	394739.22	37.00	Soil	11,640	0.82
08/06/2021	11:41:56	78777.29	394739.61	37.04	Soil	13,320	1.97
08/06/2021	11:41:57	78777.34	394739.77	36.98	Soil	11,160	0.50
08/06/2021	11:41:58	78777.26	394739.48	36.97	Soil	10,980	0.37
08/06/2021	11:41:59	78777.11	394739.32	36.89	Soil	11,400	0.66
08/06/2021	11:42:00	78777.11	394739.63	36.98	Soil	9,780	-0.45
08/06/2021	11:42:01	78777.27	394740.07	37.05	Soil	11,040	0.41
08/06/2021	11:42:02	78777.34	394740.34	37.16	Soil	9,960	-0.32
08/06/2021	11:42:03	78777.38	394740.16	36.96	Soil	9,420	-0.69
08/06/2021	11:42:04	78777.38	394739.53	36.87	Soil	11,760	0.91
08/06/2021	11:42:05	78777.34	394739.16	36.75	Soil	12,480	1.40
08/06/2021	11:42:06	78777.41	394739.28	36.79	Soil	10,920	0.33
08/06/2021	11:42:07	78777.53	394739.31	36.81	Soil	8,580	-1.27
08/06/2021	11:42:08	78777.51	394739.40	36.84	Soil	9,720	-0.49
08/06/2021	11:42:09	78777.46	394739.65	36.89	Soil	10,080	-0.24
08/06/2021	11:42:10	78777.40	394739.61	36.83	Soil	9,900	-0.37
08/06/2021	11:42:11	78777.37	394739.20	36.80	Soil	9,600	-0.57
08/06/2021	11:42:12	78777.39	394739.13	36.80	Soil	9,360	-0.74
08/06/2021	11:42:13	78777.54	394739.61	36.77	Soil	11,520	0.74
08/06/2021	11:42:14	78777.82	394739.68	36.76	Soil	10,500	0.04
08/06/2021	11:42:15	78777.81	394739.14	36.67	Soil	10,440	0.00
08/06/2021	11:42:16	78777.78	394739.04	36.66	Soil	10,440	0.00
08/06/2021	11:42:17	78777.85	394739.63	36.67	Soil	10,860	0.29
08/06/2021	11:42:18	78777.80	394739.79	36.60	Soil	11,400	0.66
08/06/2021	11:42:19	78777.75	394739.15	36.54	Soil	10,860	0.29
08/06/2021	11:42:20	78777.82	394738.98	36.48	Soil	11,100	0.45
08/06/2021	11:42:21	78777.89	394739.47	36.49	Soil	11,760	0.91
08/06/2021	11:42:22	78777.95	394739.70	36.44	Soil	10,500	0.04
08/06/2021	11:42:23	78777.98	394739.28	36.34	Soil	10,080	-0.24
08/06/2021	11:42:24	78778.12	394739.20	36.30	Soil	9,900	-0.37
08/06/2021	11:42:25	78778.30	394739.58	36.35	Soil	10,380	-0.04
08/06/2021	11:42:26	78778.31	394739.69	36.30	Soil	10,920	0.33
08/06/2021	11:42:27	78778.24	394739.16	36.29	Soil	9,840	-0.41
08/06/2021	11:42:28	78778.27	394739.17	36.23	Soil	10,020	-0.28
08/06/2021	11:42:29	78778.51	394739.69	36.29	Soil	10,200	-0.16
08/06/2021	11:42:30	78778.78	394739.86	36.21	Soil	12,420	1.36
08/06/2021	11:42:31	78778.72	394739.49	36.16	Soil	12,000	1.07
08/06/2021	11:42:32	78778.58	394739.11	36.17	Soil	11,700	0.87
08/06/2021	11:42:33	78778.64	394739.06	36.12	Soil	10,380	-0.04
08/06/2021	11:42:34	78778.83	394739.53	36.13	Soil	11,340	0.62
08/06/2021	11:42:35	78778.71	394739.83	36.16	Soil	10,020	-0.28

SU 7B GWS RESULTS

08/06/2021	11:42:36	78778.62	394739.46	36.07	Soil	11,460	0.70
08/06/2021	11:42:37	78778.62	394739.28	36.06	Soil	10,080	-0.24
08/06/2021	11:42:38	78778.73	394739.56	36.19	Soil	10,200	-0.16
08/06/2021	11:42:39	78778.87	394739.71	36.12	Soil	11,580	0.78
08/06/2021	11:42:40	78778.85	394739.48	36.02	Soil	11,160	0.50
08/06/2021	11:42:41	78778.86	394739.28	35.96	Soil	10,320	-0.08
08/06/2021	11:42:42	78778.93	394739.52	36.04	Soil	9,060	-0.94
08/06/2021	11:42:43	78778.94	394739.93	36.15	Soil	10,980	0.37
08/06/2021	11:42:44	78778.88	394739.88	36.09	Soil	11,160	0.50
08/06/2021	11:42:45	78778.94	394739.57	35.98	Soil	10,380	-0.04
08/06/2021	11:42:46	78778.97	394739.28	35.84	Soil	11,880	0.99
08/06/2021	11:42:47	78779.09	394739.36	35.89	Soil	9,720	-0.49
08/06/2021	11:42:48	78779.21	394739.72	35.94	Soil	10,680	0.17
08/06/2021	11:42:49	78779.13	394739.65	35.86	Soil	10,500	0.04
08/06/2021	11:42:50	78779.10	394739.28	35.84	Soil	11,100	0.45
08/06/2021	11:42:51	78779.20	394739.44	35.91	Soil	10,740	0.21
08/06/2021	11:42:52	78779.25	394739.82	35.93	Soil	10,740	0.21
08/06/2021	11:42:53	78779.37	394739.80	35.74	Soil	10,620	0.13
08/06/2021	11:42:54	78779.40	394739.43	35.54	Soil	9,540	-0.61
08/06/2021	11:42:55	78779.38	394739.28	35.60	Soil	10,080	-0.24
08/06/2021	11:42:56	78779.45	394739.55	35.68	Soil	10,920	0.33
08/06/2021	11:42:57	78779.55	394739.79	35.77	Soil	9,600	-0.57
08/06/2021	11:42:58	78779.57	394739.88	35.78	Soil	8,760	-1.15
08/06/2021	11:42:59	78779.55	394739.85	35.77	Soil	11,940	1.03
08/06/2021	11:43:00	78779.51	394739.56	35.51	Soil	9,780	-0.45
08/06/2021	11:43:01	78779.48	394739.25	35.38	Soil	8,760	-1.15
08/06/2021	11:43:02	78779.64	394739.42	35.48	Soil	9,000	-0.98
08/06/2021	11:43:03	78779.88	394739.79	35.51	Soil	10,260	-0.12
08/06/2021	11:43:04	78779.86	394739.74	35.31	Soil	10,140	-0.20
08/06/2021	11:43:05	78779.69	394739.28	35.26	Soil	9,900	-0.37
08/06/2021	11:43:06	78779.71	394739.28	35.27	Soil	9,240	-0.82
08/06/2021	11:43:07	78779.95	394739.73	35.42	Soil	9,360	-0.74
08/06/2021	11:43:08	78780.09	394739.95	35.42	Soil	9,300	-0.78
08/06/2021	11:43:09	78779.94	394739.72	35.24	Soil	9,480	-0.65
08/06/2021	11:43:10	78779.89	394739.24	35.21	Soil	9,780	-0.45
08/06/2021	11:43:11	78779.91	394739.10	35.22	Soil	10,020	-0.28
08/06/2021	11:43:12	78779.89	394739.14	35.23	Soil	10,440	0.00
08/06/2021	11:43:13	78779.93	394739.24	35.23	Soil	9,480	-0.65
08/06/2021	11:43:14	78779.83	394739.32	35.29	Soil	8,880	-1.06
08/06/2021	11:43:15	78779.91	394739.46	35.37	Soil	9,060	-0.94
08/06/2021	11:43:16	78780.10	394739.75	35.36	Soil	9,900	-0.37
08/06/2021	11:43:17	78780.18	394739.75	35.28	Soil	9,660	-0.53
08/06/2021	11:43:18	78780.13	394739.30	35.19	Soil	9,780	-0.45
08/06/2021	11:43:19	78780.21	394739.29	35.24	Soil	10,620	0.13
08/06/2021	11:43:20	78780.42	394739.92	35.39	Soil	10,260	-0.12
08/06/2021	11:43:21	78780.49	394740.05	35.24	Soil	10,200	-0.16
08/06/2021	11:43:22	78780.46	394739.49	35.07	Soil	10,440	0.00
08/06/2021	11:43:23	78780.49	394739.11	34.96	Soil	9,960	-0.32
08/06/2021	11:43:24	78780.62	394739.41	35.07	Soil	10,260	-0.12
08/06/2021	11:43:25	78780.77	394739.86	35.10	Soil	8,640	-1.23
08/06/2021	11:43:26	78780.71	394739.81	35.01	Soil	11,040	0.41

SU 7B GWS RESULTS

08/06/2021	11:43:27	78780.63	394739.28	34.99	Soil	8,880	-1.06
08/06/2021	11:43:28	78780.57	394739.05	34.88	Soil	8,880	-1.06
08/06/2021	11:43:29	78780.73	394739.33	34.88	Soil	11,100	0.45
08/06/2021	11:43:30	78780.90	394739.63	34.90	Soil	9,300	-0.78
08/06/2021	11:43:31	78780.79	394739.74	34.97	Soil	9,360	-0.74
08/06/2021	11:43:32	78780.83	394739.77	34.90	Soil	8,520	-1.31
08/06/2021	11:43:33	78780.96	394739.83	34.92	Soil	10,560	0.09
08/06/2021	11:43:34	78781.00	394739.81	34.89	Soil	10,260	-0.12
08/06/2021	11:43:35	78780.92	394739.53	34.85	Soil	9,600	-0.57
08/06/2021	11:43:36	78780.85	394739.19	34.82	Soil	8,580	-1.27
08/06/2021	11:43:37	78780.93	394739.26	34.83	Soil	8,640	-1.23
08/06/2021	11:43:38	78781.07	394739.64	34.83	Soil	10,380	-0.04
08/06/2021	11:43:39	78781.02	394739.71	34.93	Soil	10,260	-0.12
08/06/2021	11:43:40	78780.92	394739.59	34.95	Soil	9,300	-0.78
08/06/2021	11:43:41	78780.96	394739.66	34.97	Soil	9,720	-0.49
08/06/2021	11:43:42	78781.06	394739.75	34.92	Soil	9,840	-0.41
08/06/2021	11:43:43	78781.17	394739.85	34.89	Soil	10,380	-0.04
08/06/2021	11:43:44	78781.25	394739.73	34.70	Soil	10,680	0.17
08/06/2021	11:43:45	78781.28	394739.42	34.67	Soil	10,500	0.04
08/06/2021	11:43:46	78781.27	394739.33	34.66	Soil	10,500	0.04
08/06/2021	11:43:47	78781.31	394739.48	34.78	Soil	9,960	-0.32
08/06/2021	11:43:48	78781.41	394739.80	34.84	Soil	9,360	-0.74
08/06/2021	11:43:49	78781.44	394739.81	34.74	Soil	9,120	-0.90
08/06/2021	11:43:50	78781.42	394739.49	34.68	Soil	8,940	-1.02
08/06/2021	11:43:51	78781.45	394739.23	34.62	Soil	9,600	-0.57
08/06/2021	11:43:52	78781.53	394739.44	34.69	Soil	10,980	0.37
08/06/2021	11:43:53	78781.67	394739.71	34.71	Soil	10,620	0.13
08/06/2021	11:43:54	78781.70	394739.54	34.66	Soil	10,980	0.37
08/06/2021	11:43:55	78781.70	394739.33	34.53	Soil	12,120	1.15
08/06/2021	11:43:56	78781.79	394739.35	34.58	Soil	11,820	0.95
08/06/2021	11:43:57	78781.83	394739.69	34.61	Soil	9,960	-0.32
08/06/2021	11:43:58	78781.77	394739.78	34.55	Soil	10,620	0.13
08/06/2021	11:43:59	78781.82	394739.35	34.45	Soil	10,920	0.33
08/06/2021	11:44:00	78781.79	394738.99	34.37	Soil	10,320	-0.08
08/06/2021	11:44:01	78781.79	394739.13	34.42	Soil	8,940	-1.02
08/06/2021	11:44:02	78781.98	394739.46	34.38	Soil	10,860	0.29
08/06/2021	11:44:03	78782.00	394739.68	34.35	Soil	9,840	-0.41
08/06/2021	11:44:04	78781.90	394739.45	34.16	Soil	10,320	-0.08
08/06/2021	11:44:05	78781.97	394739.22	34.14	Soil	11,460	0.70
08/06/2021	11:44:06	78782.15	394739.61	34.22	Soil	10,080	-0.24
08/06/2021	11:44:07	78782.22	394739.82	34.10	Soil	9,840	-0.41
08/06/2021	11:44:08	78782.09	394739.51	34.05	Soil	9,600	-0.57
08/06/2021	11:44:09	78782.16	394739.26	34.06	Soil	9,960	-0.32
08/06/2021	11:44:10	78782.28	394739.55	34.08	Soil	12,300	1.28
08/06/2021	11:44:11	78782.44	394739.80	33.99	Soil	10,080	-0.24
08/06/2021	11:44:12	78782.51	394739.44	33.89	Soil	10,620	0.13
08/06/2021	11:44:13	78782.56	394739.16	33.84	Soil	11,040	0.41
08/06/2021	11:44:14	78782.55	394739.42	33.88	Soil	11,580	0.78
08/06/2021	11:44:15	78782.40	394739.73	33.92	Soil	8,760	-1.15
08/06/2021	11:44:16	78782.36	394739.47	33.85	Soil	9,780	-0.45
08/06/2021	11:44:17	78782.51	394739.48	33.85	Soil	10,560	0.09

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08/06/2021	11:44:18	78782.64	394739.69	33.81	Soil	10,200	-0.16
08/06/2021	11:44:19	78782.72	394739.57	33.70	Soil	8,520	-1.31
08/06/2021	11:44:20	78782.72	394739.35	33.62	Soil	9,900	-0.37
08/06/2021	11:44:21	78782.76	394739.46	33.64	Soil	10,320	-0.08
08/06/2021	11:44:22	78782.82	394739.72	33.67	Soil	11,160	0.50
08/06/2021	11:44:23	78782.83	394739.57	33.55	Soil	10,020	-0.28
08/06/2021	11:44:24	78782.73	394739.43	33.53	Soil	10,440	0.00
08/06/2021	11:44:25	78782.73	394739.59	33.63	Soil	8,820	-1.10
08/06/2021	11:44:26	78782.84	394739.77	33.59	Soil	9,960	-0.32
08/06/2021	11:44:27	78782.85	394739.58	33.54	Soil	11,280	0.58
08/06/2021	11:44:28	78782.88	394739.38	33.55	Soil	9,660	-0.53
08/06/2021	11:44:29	78783.02	394739.56	33.54	Soil	11,580	0.78
08/06/2021	11:44:30	78783.10	394739.60	33.48	Soil	12,480	1.40
08/06/2021	11:44:31	78783.17	394739.35	33.43	Soil	10,560	0.09
08/06/2021	11:44:32	78783.17	394739.40	33.43	Soil	10,620	0.13
08/06/2021	11:44:33	78783.16	394739.64	33.48	Soil	10,200	-0.16
08/06/2021	11:44:34	78783.27	394739.42	33.39	Soil	9,420	-0.69
08/06/2021	11:44:35	78783.29	394739.23	33.36	Soil	10,860	0.29
08/06/2021	11:44:36	78783.18	394739.48	33.49	Soil	10,080	-0.24
08/06/2021	11:44:37	78783.21	394739.73	33.31	Soil	10,680	0.17
08/06/2021	11:44:38	78783.46	394739.46	33.22	Soil	10,680	0.17
08/06/2021	11:44:39	78783.63	394739.32	33.20	Soil	12,060	1.11
08/06/2021	11:44:40	78783.39	394739.68	33.57	Soil	9,900	-0.37
08/06/2021	11:44:41	78783.23	394739.78	33.35	Soil	10,980	0.37
08/06/2021	11:44:42	78783.29	394739.48	33.16	Soil	9,240	-0.82
08/06/2021	11:44:43	78783.37	394739.40	33.14	Soil	10,440	0.00
08/06/2021	11:44:44	78783.43	394739.62	33.14	Soil	9,300	-0.78
08/06/2021	11:44:45	78783.42	394739.46	33.09	Soil	8,100	-1.60
08/06/2021	11:44:46	78783.33	394739.49	33.18	Soil	10,320	-0.08
08/06/2021	11:44:47	78783.39	394739.73	33.28	Soil	10,080	-0.24
08/06/2021	11:44:48	78783.48	394739.90	33.39	Soil	9,060	-0.94
08/06/2021	11:44:49	78783.46	394740.16	33.62	Soil	10,380	-0.04
08/06/2021	11:44:50	78783.49	394740.31	33.68	Soil	11,400	0.66
08/06/2021	11:44:51	78783.59	394740.48	33.73	Soil	9,540	-0.61
08/06/2021	11:44:52	78783.67	394740.47	33.84	Soil	10,140	-0.20
08/06/2021	11:44:53	78783.80	394740.32	33.99	Soil	9,900	-0.37
08/06/2021	11:44:54	78783.88	394740.64	34.03	Soil	10,380	-0.04
08/06/2021	11:44:55	78783.72	394740.64	34.06	Soil	8,820	-1.10
08/06/2021	11:44:56	78783.73	394740.43	33.99	Soil	10,380	-0.04
08/06/2021	11:44:57	78783.72	394740.56	33.97	Soil	10,620	0.13
08/06/2021	11:44:58	78783.53	394740.67	34.00	Soil	10,740	0.21
08/06/2021	11:44:59	78783.49	394740.86	33.99	Soil	10,380	-0.04
08/06/2021	11:45:00	78783.46	394740.80	33.99	Soil	9,720	-0.49
08/06/2021	11:45:01	78783.44	394740.53	33.94	Soil	8,700	-1.19
08/06/2021	11:45:02	78783.52	394740.34	33.84	Soil	10,320	-0.08
08/06/2021	11:45:03	78783.51	394740.42	34.02	Soil	9,840	-0.41
08/06/2021	11:45:04	78783.41	394740.85	34.21	Soil	10,380	-0.04
08/06/2021	11:45:05	78783.40	394740.86	33.92	Soil	9,540	-0.61
08/06/2021	11:45:06	78783.37	394740.29	33.70	Soil	9,900	-0.37
08/06/2021	11:45:07	78783.37	394740.16	33.93	Soil	9,720	-0.49
08/06/2021	11:45:08	78783.26	394740.64	34.26	Soil	10,440	0.00

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08/06/2021	11:45:09	78783.21	394740.89	34.23	Soil	9,180	-0.86
08/06/2021	11:45:10	78783.17	394740.70	33.91	Soil	10,860	0.29
08/06/2021	11:45:11	78783.13	394740.45	33.79	Soil	10,620	0.13
08/06/2021	11:45:12	78783.06	394740.56	34.05	Soil	10,140	-0.20
08/06/2021	11:45:13	78782.94	394740.82	34.26	Soil	9,900	-0.37
08/06/2021	11:45:14	78782.83	394740.84	34.23	Soil	9,120	-0.90
08/06/2021	11:45:15	78782.83	394740.57	34.01	Soil	9,060	-0.94
08/06/2021	11:45:16	78782.95	394740.17	33.81	Soil	10,080	-0.24
08/06/2021	11:45:17	78782.96	394740.04	33.72	Soil	10,560	0.09
08/06/2021	11:45:18	78782.85	394740.15	33.93	Soil	10,740	0.21
08/06/2021	11:45:19	78782.80	394740.47	34.12	Soil	10,020	-0.28
08/06/2021	11:45:20	78782.82	394740.49	33.97	Soil	11,760	0.91
08/06/2021	11:45:21	78782.89	394740.14	33.76	Soil	11,820	0.95
08/06/2021	11:45:22	78782.82	394739.92	33.73	Soil	9,240	-0.82
08/06/2021	11:45:23	78782.76	394740.20	33.80	Soil	9,060	-0.94
08/06/2021	11:45:24	78782.81	394740.19	33.62	Soil	8,820	-1.10
08/06/2021	11:45:25	78782.78	394739.83	33.57	Soil	9,660	-0.53
08/06/2021	11:45:26	78782.74	394740.13	33.75	Soil	8,340	-1.43
08/06/2021	11:45:27	78782.79	394740.41	33.72	Soil	9,420	-0.69
08/06/2021	11:45:28	78782.64	394740.18	33.68	Soil	10,020	-0.28
08/06/2021	11:45:29	78782.51	394740.20	33.76	Soil	9,600	-0.57
08/06/2021	11:45:30	78782.72	394740.26	33.90	Soil	11,640	0.82
08/06/2021	11:45:31	78782.85	394740.53	34.13	Soil	9,960	-0.32
08/06/2021	11:45:32	78782.77	394740.85	34.20	Soil	11,640	0.82
08/06/2021	11:45:33	78782.58	394740.61	34.03	Soil	10,140	-0.20
08/06/2021	11:45:34	78782.56	394740.25	33.73	Soil	9,660	-0.53
08/06/2021	11:45:35	78782.49	394740.01	33.58	Soil	10,680	0.17
08/06/2021	11:45:36	78782.53	394739.91	33.53	Soil	9,060	-0.94
08/06/2021	11:45:37	78782.53	394739.97	33.79	Soil	10,740	0.21
08/06/2021	11:45:38	78782.32	394740.23	33.74	Soil	9,900	-0.37
08/06/2021	11:45:39	78782.21	394739.96	33.76	Soil	10,380	-0.04
08/06/2021	11:45:40	78782.46	394740.02	33.94	Soil	8,880	-1.06
08/06/2021	11:45:41	78782.39	394740.34	34.15	Soil	8,700	-1.19
08/06/2021	11:45:42	78782.19	394740.59	34.30	Soil	9,780	-0.45
08/06/2021	11:45:43	78782.13	394740.71	34.10	Soil	10,260	-0.12
08/06/2021	11:45:44	78782.07	394740.26	33.75	Soil	10,800	0.25
08/06/2021	11:45:45	78781.98	394739.89	33.69	Soil	9,540	-0.61
08/06/2021	11:45:46	78781.95	394740.05	33.83	Soil	9,960	-0.32
08/06/2021	11:45:47	78782.07	394740.34	34.13	Soil	10,440	0.00
08/06/2021	11:45:48	78781.95	394740.42	34.05	Soil	9,480	-0.65
08/06/2021	11:45:49	78781.88	394740.01	33.80	Soil	9,060	-0.94
08/06/2021	11:45:50	78781.71	394739.76	33.71	Soil	10,620	0.13
08/06/2021	11:45:51	78781.79	394740.01	33.80	Soil	11,100	0.45
08/06/2021	11:45:52	78781.77	394740.17	33.98	Soil	8,820	-1.10
08/06/2021	11:45:53	78781.53	394740.07	34.02	Soil	9,360	-0.74
08/06/2021	11:45:54	78781.49	394739.92	33.86	Soil	9,720	-0.49
08/06/2021	11:45:55	78781.55	394739.99	33.89	Soil	9,900	-0.37
08/06/2021	11:45:56	78781.70	394740.31	34.13	Soil	10,680	0.17
08/06/2021	11:45:57	78781.63	394740.59	34.33	Soil	10,860	0.29
08/06/2021	11:45:58	78781.44	394740.51	34.15	Soil	9,780	-0.45
08/06/2021	11:45:59	78781.24	394740.03	34.16	Soil	9,960	-0.32

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08/06/2021	11:46:00	78781.16	394740.06	34.33	Soil	9,720	-0.49
08/06/2021	11:46:01	78781.28	394740.56	34.46	Soil	10,320	-0.08
08/06/2021	11:46:02	78781.41	394740.42	34.33	Soil	9,900	-0.37
08/06/2021	11:46:03	78781.18	394740.08	34.24	Soil	11,160	0.50
08/06/2021	11:46:04	78780.96	394740.20	34.49	Soil	9,900	-0.37
08/06/2021	11:46:05	78780.94	394740.60	34.61	Soil	10,860	0.29
08/06/2021	11:46:06	78780.87	394740.64	34.55	Soil	10,620	0.13
08/06/2021	11:46:07	78780.78	394740.29	34.42	Soil	10,560	0.09
08/06/2021	11:46:08	78780.71	394740.13	34.45	Soil	11,280	0.58
08/06/2021	11:46:09	78780.61	394740.30	34.63	Soil	9,780	-0.45
08/06/2021	11:46:10	78780.70	394740.74	34.82	Soil	9,960	-0.32
08/06/2021	11:46:11	78780.92	394740.82	34.76	Soil	8,760	-1.15
08/06/2021	11:46:12	78780.82	394740.61	34.77	Soil	9,300	-0.78
08/06/2021	11:46:13	78780.40	394740.23	34.68	Soil	9,360	-0.74
08/06/2021	11:46:14	78780.30	394739.91	34.67	Soil	10,560	0.09
08/06/2021	11:46:15	78780.50	394740.24	34.84	Soil	10,680	0.17
08/06/2021	11:46:16	78780.59	394740.67	34.91	Soil	10,320	-0.08
08/06/2021	11:46:17	78780.29	394740.32	34.84	Soil	9,300	-0.78
08/06/2021	11:46:18	78780.32	394739.85	34.82	Soil	9,600	-0.57
08/06/2021	11:46:19	78780.22	394740.01	34.83	Soil	11,760	0.91
08/06/2021	11:46:20	78780.32	394740.53	35.08	Soil	10,260	-0.12
08/06/2021	11:46:21	78780.30	394740.60	35.16	Soil	10,500	0.04
08/06/2021	11:46:22	78780.09	394740.68	35.22	Soil	10,080	-0.24
08/06/2021	11:46:23	78779.92	394740.50	35.27	Soil	10,140	-0.20
08/06/2021	11:46:24	78779.92	394740.39	35.22	Soil	12,120	1.15
08/06/2021	11:46:25	78779.93	394740.33	35.09	Soil	10,680	0.17
08/06/2021	11:46:26	78779.86	394740.14	34.88	Soil	11,280	0.58
08/06/2021	11:46:27	78779.93	394739.99	34.84	Soil	11,160	0.50
08/06/2021	11:46:28	78779.97	394740.18	35.17	Soil	10,500	0.04
08/06/2021	11:46:29	78779.79	394740.67	35.39	Soil	11,940	1.03
08/06/2021	11:46:30	78779.72	394740.73	35.36	Soil	9,000	-0.98
08/06/2021	11:46:31	78779.70	394740.45	35.09	Soil	10,140	-0.20
08/06/2021	11:46:32	78779.70	394740.11	35.02	Soil	10,320	-0.08
08/06/2021	11:46:33	78779.72	394740.32	35.21	Soil	10,380	-0.04
08/06/2021	11:46:34	78779.85	394740.73	35.41	Soil	11,220	0.54
08/06/2021	11:46:35	78779.78	394740.96	35.57	Soil	9,120	-0.90
08/06/2021	11:46:36	78779.61	394740.83	35.60	Soil	9,720	-0.49
08/06/2021	11:46:37	78779.50	394740.49	35.39	Soil	9,840	-0.41
08/06/2021	11:46:38	78779.40	394740.07	35.40	Soil	11,100	0.45
08/06/2021	11:46:39	78779.40	394740.07	35.48	Soil	11,400	0.66
08/06/2021	11:46:40	78779.49	394740.40	35.56	Soil	10,620	0.13
08/06/2021	11:46:41	78779.43	394740.74	35.68	Soil	10,920	0.33
08/06/2021	11:46:42	78779.32	394740.66	35.71	Soil	9,120	-0.90
08/06/2021	11:46:43	78779.27	394740.64	35.90	Soil	11,100	0.45
08/06/2021	11:46:44	78779.23	394740.85	35.93	Soil	11,640	0.82
08/06/2021	11:46:45	78779.25	394740.75	35.60	Soil	9,420	-0.69
08/06/2021	11:46:46	78779.30	394740.25	35.49	Soil	10,080	-0.24
08/06/2021	11:46:47	78779.23	394740.03	35.59	Soil	12,180	1.19
08/06/2021	11:46:48	78779.26	394740.35	35.82	Soil	9,660	-0.53
08/06/2021	11:46:49	78779.25	394740.90	36.06	Soil	12,300	1.28
08/06/2021	11:46:50	78779.11	394740.94	35.98	Soil	10,020	-0.28

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08/06/2021	11:46:51	78779.06	394740.64	35.88	Soil	9,840	-0.41
08/06/2021	11:46:52	78779.09	394740.38	35.83	Soil	9,660	-0.53
08/06/2021	11:46:53	78779.09	394740.21	35.79	Soil	9,240	-0.82
08/06/2021	11:46:54	78779.07	394740.25	35.95	Soil	9,600	-0.57
08/06/2021	11:46:55	78778.93	394740.62	36.17	Soil	10,980	0.37
08/06/2021	11:46:56	78778.74	394740.92	36.36	Soil	10,080	-0.24
08/06/2021	11:46:57	78778.64	394740.88	36.19	Soil	8,940	-1.02
08/06/2021	11:46:58	78778.68	394740.55	36.14	Soil	9,960	-0.32
08/06/2021	11:46:59	78778.67	394740.18	36.11	Soil	11,520	0.74
08/06/2021	11:47:00	78778.64	394740.32	36.21	Soil	10,560	0.09
08/06/2021	11:47:01	78778.67	394740.69	36.33	Soil	10,560	0.09
08/06/2021	11:47:02	78778.58	394740.83	36.36	Soil	12,060	1.11
08/06/2021	11:47:03	78778.58	394740.52	36.34	Soil	9,240	-0.82
08/06/2021	11:47:04	78778.45	394740.43	36.46	Soil	11,880	0.99
08/06/2021	11:47:05	78778.36	394740.71	36.55	Soil	11,760	0.91
08/06/2021	11:47:06	78778.42	394740.94	36.50	Soil	10,140	-0.20
08/06/2021	11:47:07	78778.40	394740.51	36.36	Soil	11,460	0.70
08/06/2021	11:47:08	78778.31	394740.01	36.33	Soil	10,860	0.29
08/06/2021	11:47:09	78778.31	394740.16	36.37	Soil	11,580	0.78
08/06/2021	11:47:10	78778.52	394740.63	36.54	Soil	12,960	1.73
08/06/2021	11:47:11	78778.40	394740.91	36.64	Soil	13,380	2.01
08/06/2021	11:47:12	78778.21	394740.63	36.52	Soil	11,280	0.58
08/06/2021	11:47:13	78778.09	394740.21	36.43	Soil	14,640	2.88
08/06/2021	11:47:14	78777.93	394740.15	36.52	Soil	10,800	0.25
08/06/2021	11:47:15	78778.03	394740.55	36.75	Soil	10,440	0.00
08/06/2021	11:47:16	78778.02	394741.05	36.87	Soil	12,660	1.52
08/06/2021	11:47:17	78777.86	394741.00	36.80	Soil	11,280	0.58
08/06/2021	11:47:18	78777.75	394740.43	36.68	Soil	10,380	-0.04
08/06/2021	11:47:19	78777.64	394740.06	36.64	Soil	10,560	0.09
08/06/2021	11:47:20	78777.62	394740.17	36.79	Soil	9,480	-0.65
08/06/2021	11:47:21	78777.64	394740.62	37.05	Soil	9,060	-0.94
08/06/2021	11:47:22	78777.52	394741.05	37.14	Soil	10,800	0.25
08/06/2021	11:47:23	78777.44	394740.87	36.97	Soil	12,060	1.11
08/06/2021	11:47:24	78777.40	394740.27	36.89	Soil	8,580	-1.27
08/06/2021	11:47:25	78777.30	394739.91	36.93	Soil	9,480	-0.65
08/06/2021	11:47:26	78777.25	394740.12	37.02	Soil	12,420	1.36
08/06/2021	11:47:27	78777.32	394740.56	37.14	Soil	12,120	1.15
08/06/2021	11:47:28	78777.35	394740.90	37.16	Soil	10,680	0.17
08/06/2021	11:47:29	78777.28	394740.72	37.04	Soil	10,020	-0.28
08/06/2021	11:47:30	78777.22	394740.16	37.03	Soil	10,380	-0.04
08/06/2021	11:47:31	78777.16	394739.92	36.98	Soil	10,920	0.33
08/06/2021	11:47:32	78777.19	394740.23	36.91	Soil	11,640	0.82
08/06/2021	11:47:33	78777.44	394740.87	37.03	Soil	10,200	-0.16
08/06/2021	11:47:34	78777.45	394741.38	37.32	Soil	10,140	-0.20
08/06/2021	11:47:35	78777.37	394741.59	37.55	Soil	12,660	1.52
08/06/2021	11:47:36	78777.30	394741.64	37.60	Soil	11,100	0.45
08/06/2021	11:47:37	78777.34	394741.77	37.58	Soil	10,800	0.25
08/06/2021	11:47:38	78777.43	394741.88	37.48	Soil	11,340	0.62
08/06/2021	11:47:39	78777.36	394741.63	37.40	Soil	11,700	0.87
08/06/2021	11:47:40	78777.31	394741.15	37.25	Soil	12,300	1.28
08/06/2021	11:47:41	78777.35	394741.20	37.30	Soil	9,660	-0.53

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08/06/2021	11:47:42	78777.34	394741.79	37.52	Soil	11,700	0.87
08/06/2021	11:47:43	78777.28	394742.03	37.53	Soil	9,360	-0.74
08/06/2021	11:47:44	78777.37	394741.61	37.27	Soil	9,720	-0.49
08/06/2021	11:47:45	78777.73	394741.03	37.07	Soil	12,060	1.11
08/06/2021	11:47:46	78777.83	394741.05	37.00	Soil	10,560	0.09
08/06/2021	11:47:47	78777.94	394741.55	37.17	Soil	8,880	-1.06
08/06/2021	11:47:48	78778.00	394741.68	37.20	Soil	11,760	0.91
08/06/2021	11:47:49	78777.89	394741.61	37.22	Soil	12,120	1.15
08/06/2021	11:47:50	78777.92	394741.59	37.28	Soil	10,860	0.29
08/06/2021	11:47:51	78777.92	394741.73	37.28	Soil	11,760	0.91
08/06/2021	11:47:52	78777.88	394741.54	37.19	Soil	12,180	1.19
08/06/2021	11:47:53	78777.85	394741.29	37.16	Soil	12,420	1.36
08/06/2021	11:47:54	78777.83	394741.51	37.28	Soil	9,960	-0.32
08/06/2021	11:47:55	78778.00	394741.86	37.18	Soil	13,380	2.01
08/06/2021	11:47:56	78778.30	394741.68	37.03	Soil	9,420	-0.69
08/06/2021	11:47:57	78778.46	394741.13	36.75	Soil	9,420	-0.69
08/06/2021	11:47:58	78778.49	394740.91	36.63	Soil	13,080	1.81
08/06/2021	11:47:59	78778.47	394741.22	36.78	Soil	10,860	0.29
08/06/2021	11:48:00	78778.55	394741.38	36.82	Soil	11,100	0.45
08/06/2021	11:48:01	78778.49	394741.28	36.83	Soil	11,040	0.41
08/06/2021	11:48:02	78778.30	394741.15	36.88	Soil	9,480	-0.65
08/06/2021	11:48:03	78778.42	394741.74	37.07	Soil	10,920	0.33
08/06/2021	11:48:04	78778.71	394742.31	36.97	Soil	10,620	0.13
08/06/2021	11:48:05	78778.67	394741.83	36.79	Soil	11,580	0.78
08/06/2021	11:48:06	78778.63	394740.99	36.72	Soil	11,580	0.78
08/06/2021	11:48:07	78778.68	394741.10	36.82	Soil	10,920	0.33
08/06/2021	11:48:08	78778.79	394742.12	37.07	Soil	10,020	-0.28
08/06/2021	11:48:09	78778.99	394742.48	36.98	Soil	10,920	0.33
08/06/2021	11:48:10	78778.89	394741.97	36.65	Soil	10,080	-0.24
08/06/2021	11:48:11	78778.80	394741.16	36.55	Soil	10,740	0.21
08/06/2021	11:48:12	78778.82	394741.23	36.69	Soil	11,220	0.54
08/06/2021	11:48:13	78778.88	394741.92	36.90	Soil	10,080	-0.24
08/06/2021	11:48:14	78778.99	394742.23	36.90	Soil	10,860	0.29
08/06/2021	11:48:15	78778.87	394741.96	36.68	Soil	10,140	-0.20
08/06/2021	11:48:16	78778.96	394741.22	36.46	Soil	10,320	-0.08
08/06/2021	11:48:17	78778.99	394741.17	36.46	Soil	10,320	-0.08
08/06/2021	11:48:18	78779.02	394741.62	36.56	Soil	10,380	-0.04
08/06/2021	11:48:19	78779.16	394741.97	36.68	Soil	10,620	0.13
08/06/2021	11:48:20	78778.97	394742.17	36.80	Soil	9,180	-0.86
08/06/2021	11:48:21	78779.00	394742.07	36.64	Soil	9,900	-0.37
08/06/2021	11:48:22	78779.12	394741.53	36.37	Soil	8,820	-1.10
08/06/2021	11:48:23	78779.30	394741.07	36.38	Soil	8,940	-1.02
08/06/2021	11:48:24	78779.26	394741.42	36.65	Soil	9,660	-0.53
08/06/2021	11:48:25	78779.25	394742.23	36.81	Soil	9,960	-0.32
08/06/2021	11:48:26	78779.29	394742.18	36.71	Soil	9,840	-0.41
08/06/2021	11:48:27	78779.19	394741.70	36.65	Soil	9,420	-0.69
08/06/2021	11:48:28	78779.29	394741.86	36.98	Soil	10,440	0.00
08/06/2021	11:48:29	78779.27	394742.43	37.05	Soil	10,140	-0.20
08/06/2021	11:48:30	78779.13	394742.36	36.76	Soil	10,560	0.09
08/06/2021	11:48:31	78779.24	394741.80	36.42	Soil	11,340	0.62
08/06/2021	11:48:32	78779.43	394741.48	36.30	Soil	9,900	-0.37

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08/06/2021	11:48:33	78779.45	394741.52	36.35	Soil	9,780	-0.45
08/06/2021	11:48:34	78779.52	394741.94	36.51	Soil	9,660	-0.53
08/06/2021	11:48:35	78779.58	394742.27	36.74	Soil	10,140	-0.20
08/06/2021	11:48:36	78779.50	394742.42	36.56	Soil	11,640	0.82
08/06/2021	11:48:37	78779.57	394741.89	36.32	Soil	10,800	0.25
08/06/2021	11:48:38	78779.62	394741.54	36.42	Soil	9,060	-0.94
08/06/2021	11:48:39	78779.69	394742.03	36.56	Soil	9,540	-0.61
08/06/2021	11:48:40	78779.93	394742.43	36.46	Soil	10,560	0.09
08/06/2021	11:48:41	78779.95	394741.99	36.28	Soil	9,480	-0.65
08/06/2021	11:48:42	78779.74	394741.59	36.22	Soil	9,480	-0.65
08/06/2021	11:48:43	78779.82	394741.68	36.22	Soil	10,500	0.04
08/06/2021	11:48:44	78780.08	394741.95	36.23	Soil	11,100	0.45
08/06/2021	11:48:45	78780.21	394741.53	36.06	Soil	9,480	-0.65
08/06/2021	11:48:46	78780.16	394741.33	36.08	Soil	10,380	-0.04
08/06/2021	11:48:47	78780.12	394741.85	36.21	Soil	11,820	0.95
08/06/2021	11:48:48	78780.11	394742.25	36.52	Soil	9,960	-0.32
08/06/2021	11:48:49	78780.12	394742.68	36.45	Soil	11,460	0.70
08/06/2021	11:48:50	78780.02	394742.32	36.33	Soil	10,860	0.29
08/06/2021	11:48:51	78780.06	394741.75	36.15	Soil	10,260	-0.12
08/06/2021	11:48:52	78780.24	394741.41	35.97	Soil	9,420	-0.69
08/06/2021	11:48:53	78780.33	394741.30	35.99	Soil	11,520	0.74
08/06/2021	11:48:54	78780.47	394741.56	36.12	Soil	9,780	-0.45
08/06/2021	11:48:55	78780.56	394741.96	36.34	Soil	11,400	0.66
08/06/2021	11:48:56	78780.51	394742.30	36.32	Soil	10,680	0.17
08/06/2021	11:48:57	78780.52	394742.04	36.12	Soil	10,200	-0.16
08/06/2021	11:48:58	78780.42	394741.67	35.91	Soil	11,280	0.58
08/06/2021	11:48:59	78780.63	394741.48	35.82	Soil	10,800	0.25
08/06/2021	11:49:00	78780.62	394741.70	35.95	Soil	10,260	-0.12
08/06/2021	11:49:01	78780.62	394742.09	36.15	Soil	9,300	-0.78
08/06/2021	11:49:02	78780.53	394742.43	36.48	Soil	11,040	0.41
08/06/2021	11:49:03	78780.51	394742.66	36.38	Soil	9,840	-0.41
08/06/2021	11:49:04	78780.54	394742.19	36.03	Soil	12,180	1.19
08/06/2021	11:49:05	78780.73	394741.54	35.95	Soil	11,340	0.62
08/06/2021	11:49:06	78780.78	394741.37	35.87	Soil	10,800	0.25
08/06/2021	11:49:07	78780.76	394741.52	35.91	Soil	11,040	0.41
08/06/2021	11:49:08	78780.77	394741.96	35.96	Soil	10,680	0.17
08/06/2021	11:49:09	78780.89	394742.01	36.01	Soil	10,800	0.25
08/06/2021	11:49:10	78780.85	394741.89	35.98	Soil	10,860	0.29
08/06/2021	11:49:11	78780.83	394741.98	36.15	Soil	10,920	0.33
08/06/2021	11:49:12	78780.86	394742.41	36.38	Soil	10,980	0.37
08/06/2021	11:49:13	78780.87	394742.76	36.43	Soil	9,900	-0.37
08/06/2021	11:49:14	78780.93	394742.45	36.18	Soil	10,560	0.09
08/06/2021	11:49:15	78781.14	394741.70	35.83	Soil	12,180	1.19
08/06/2021	11:49:16	78781.29	394741.39	35.87	Soil	10,140	-0.20
08/06/2021	11:49:17	78781.31	394741.57	36.09	Soil	11,100	0.45
08/06/2021	11:49:18	78781.39	394741.89	36.43	Soil	9,360	-0.74
08/06/2021	11:49:19	78781.52	394742.00	36.50	Soil	12,540	1.44
08/06/2021	11:49:20	78781.44	394742.01	36.33	Soil	10,740	0.21
08/06/2021	11:49:21	78781.29	394742.02	36.41	Soil	10,740	0.21
08/06/2021	11:49:22	78781.46	394741.98	36.25	Soil	9,000	-0.98
08/06/2021	11:49:23	78781.48	394741.85	36.00	Soil	11,820	0.95

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08/06/2021	11:49:24	78781.30	394741.55	35.76	Soil	9,960	-0.32
08/06/2021	11:49:25	78781.20	394741.51	35.93	Soil	9,660	-0.53
08/06/2021	11:49:26	78781.20	394741.97	36.09	Soil	10,140	-0.20
08/06/2021	11:49:27	78781.38	394742.41	36.10	Soil	10,620	0.13
08/06/2021	11:49:28	78781.37	394742.20	36.19	Soil	10,740	0.21
08/06/2021	11:49:29	78781.35	394742.17	36.26	Soil	10,080	-0.24
08/06/2021	11:49:30	78781.41	394742.67	36.39	Soil	10,800	0.25
08/06/2021	11:49:31	78781.49	394742.59	36.23	Soil	10,020	-0.28
08/06/2021	11:49:32	78781.53	394742.11	36.05	Soil	10,020	-0.28
08/06/2021	11:49:33	78781.45	394742.31	36.18	Soil	9,720	-0.49
08/06/2021	11:49:34	78781.50	394742.39	35.93	Soil	10,020	-0.28
08/06/2021	11:49:35	78781.80	394741.68	35.26	Soil	10,020	-0.28
08/06/2021	11:49:36	78781.86	394741.35	35.30	Soil	10,200	-0.16
08/06/2021	11:49:37	78781.75	394741.58	35.58	Soil	10,620	0.13
08/06/2021	11:49:38	78781.81	394741.89	35.74	Soil	9,420	-0.69
08/06/2021	11:49:39	78781.87	394741.96	35.81	Soil	11,040	0.41
08/06/2021	11:49:40	78781.93	394742.06	35.95	Soil	10,860	0.29
08/06/2021	11:49:41	78781.93	394742.24	36.06	Soil	11,520	0.74
08/06/2021	11:49:42	78781.96	394742.13	35.84	Soil	10,560	0.09
08/06/2021	11:49:43	78781.91	394741.66	35.48	Soil	10,140	-0.20
08/06/2021	11:49:44	78782.01	394741.68	35.64	Soil	9,900	-0.37
08/06/2021	11:49:45	78782.11	394741.97	35.76	Soil	10,200	-0.16
08/06/2021	11:49:46	78782.00	394742.22	35.94	Soil	10,560	0.09
08/06/2021	11:49:47	78781.93	394742.50	36.12	Soil	8,460	-1.35
08/06/2021	11:49:48	78781.96	394742.70	36.12	Soil	9,360	-0.74
08/06/2021	11:49:49	78781.97	394742.56	36.10	Soil	9,540	-0.61
08/06/2021	11:49:50	78781.87	394742.63	36.27	Soil	10,860	0.29
08/06/2021	11:49:51	78781.90	394742.82	36.29	Soil	10,500	0.04
08/06/2021	11:49:52	78781.97	394742.84	36.02	Soil	10,380	-0.04
08/06/2021	11:49:53	78782.06	394742.35	35.85	Soil	10,380	-0.04
08/06/2021	11:49:54	78782.10	394741.98	35.66	Soil	9,360	-0.74
08/06/2021	11:49:55	78782.21	394742.03	35.71	Soil	9,900	-0.37
08/06/2021	11:49:56	78782.28	394742.47	35.98	Soil	9,540	-0.61
08/06/2021	11:49:57	78782.29	394742.70	35.95	Soil	10,080	-0.24
08/06/2021	11:49:58	78782.30	394742.34	36.12	Soil	10,920	0.33
08/06/2021	11:49:59	78782.59	394742.09	36.10	Soil	11,340	0.62
08/06/2021	11:50:00	78782.55	394742.24	36.11	Soil	8,760	-1.15
08/06/2021	11:50:01	78782.37	394742.29	36.00	Soil	9,720	-0.49
08/06/2021	11:50:02	78782.29	394742.23	35.68	Soil	9,540	-0.61
08/06/2021	11:50:03	78782.55	394741.90	35.47	Soil	9,420	-0.69
08/06/2021	11:50:04	78782.70	394741.38	35.24	Soil	11,400	0.66
08/06/2021	11:50:05	78782.67	394741.37	35.31	Soil	9,900	-0.37
08/06/2021	11:50:06	78782.55	394741.78	35.49	Soil	10,380	-0.04
08/06/2021	11:50:07	78782.54	394742.01	35.66	Soil	10,380	-0.04
08/06/2021	11:50:08	78782.66	394742.25	35.71	Soil	9,480	-0.65
08/06/2021	11:50:09	78782.69	394741.94	35.55	Soil	10,920	0.33
08/06/2021	11:50:10	78782.81	394741.41	35.51	Soil	9,360	-0.74
08/06/2021	11:50:11	78782.88	394741.31	35.49	Soil	10,020	-0.28
08/06/2021	11:50:12	78782.83	394741.41	35.48	Soil	9,900	-0.37
08/06/2021	11:50:13	78782.95	394741.34	35.25	Soil	9,600	-0.57
08/06/2021	11:50:14	78782.93	394741.17	35.12	Soil	9,840	-0.41

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08/06/2021	11:50:15	78782.95	394741.60	35.29	Soil	10,020	-0.28
08/06/2021	11:50:16	78783.02	394741.90	35.47	Soil	11,100	0.45
08/06/2021	11:50:17	78782.97	394742.16	35.75	Soil	10,440	0.00
08/06/2021	11:50:18	78782.99	394742.36	35.65	Soil	10,200	-0.16
08/06/2021	11:50:19	78783.07	394741.87	35.36	Soil	9,360	-0.74
08/06/2021	11:50:20	78783.17	394741.45	35.50	Soil	9,120	-0.90
08/06/2021	11:50:21	78783.14	394742.05	35.68	Soil	9,480	-0.65
08/06/2021	11:50:22	78783.23	394742.32	35.66	Soil	11,820	0.95
08/06/2021	11:50:23	78782.94	394742.18	35.61	Soil	10,200	-0.16
08/06/2021	11:50:24	78782.87	394742.18	35.60	Soil	12,060	1.11
08/06/2021	11:50:25	78782.79	394742.15	35.50	Soil	11,580	0.78
08/06/2021	11:50:26	78782.57	394742.23	35.43	Soil	11,460	0.70
08/06/2021	11:50:27	78782.34	394742.37	35.36	Soil	10,140	-0.20
08/06/2021	11:50:28	78782.33	394742.30	35.34	Soil	7,800	-1.80
08/06/2021	11:50:29	78782.46	394742.30	35.56	Soil	8,820	-1.10
08/06/2021	11:50:30	78782.99	394742.29	35.61	Soil	10,500	0.04
08/06/2021	11:50:31	78783.28	394742.23	35.70	Soil	12,960	1.73
08/06/2021	11:50:32	78783.35	394742.11	35.50	Soil	10,320	-0.08
08/06/2021	11:50:33	78783.46	394741.74	35.52	Soil	10,500	0.04
08/06/2021	11:50:34	78783.68	394741.62	35.34	Soil	11,160	0.50
08/06/2021	11:50:35	78783.88	394741.87	35.47	Soil	10,260	-0.12
08/06/2021	11:50:36	78783.88	394742.05	35.61	Soil	10,020	-0.28
08/06/2021	11:50:37	78783.51	394742.09	35.67	Soil	11,400	0.66
08/06/2021	11:50:38	78783.69	394741.99	35.68	Soil	10,200	-0.16
08/06/2021	11:50:39	78783.83	394741.84	35.70	Soil	9,660	-0.53
08/06/2021	11:50:40	78783.66	394741.56	35.62	Soil	10,860	0.29
08/06/2021	11:50:41	78783.63	394741.45	35.71	Soil	9,900	-0.37
08/06/2021	11:50:42	78783.71	394741.55	35.68	Soil	10,080	-0.24
08/06/2021	11:50:43	78783.96	394741.41	35.64	Soil	10,920	0.33
08/06/2021	11:50:44	78784.04	394741.07	35.82	Soil	10,260	-0.12
08/06/2021	11:50:45	78784.15	394741.35	35.95	Soil	9,480	-0.65
08/06/2021	11:50:46	78784.26	394741.37	35.76	Soil	10,680	0.17
08/06/2021	11:50:47	78784.15	394741.35	35.70	Soil	9,120	-0.90
08/06/2021	11:50:48	78783.90	394741.52	35.99	Soil	9,300	-0.78
08/06/2021	11:50:49	78783.94	394741.98	36.34	Soil	9,960	-0.32
08/06/2021	11:50:51	78783.83	394742.16	36.29	Soil	10,260	-0.12
08/06/2021	11:50:52	78783.89	394741.99	36.23	Soil	9,060	-0.94
08/06/2021	11:50:53	78783.85	394742.11	36.50	Soil	8,160	-1.56
08/06/2021	11:50:54	78783.78	394742.53	36.62	Soil	10,200	-0.16
08/06/2021	11:50:56	78784.22	394741.83	36.13	Soil	10,380	-0.04
08/06/2021	11:50:57	78784.07	394741.46	36.17	Soil	10,980	0.37
08/06/2021	11:50:58	78783.96	394741.96	36.39	Soil	10,080	-0.24
08/06/2021	11:51:01	78784.06	394741.83	36.33	Soil	9,000	-0.98
08/06/2021	11:51:02	78784.16	394741.34	36.19	Soil	9,840	-0.41
08/06/2021	11:51:03	78784.11	394741.51	36.37	Soil	9,360	-0.74
08/06/2021	11:51:08	78784.18	394742.02	36.70	Soil	10,080	-0.24
08/06/2021	11:51:12	78783.89	394742.11	36.77	Soil	9,360	-0.74
08/06/2021	11:51:13	78783.85	394742.60	36.96	Soil	10,080	-0.24
08/06/2021	11:51:14	78783.88	394743.08	37.12	Soil	10,380	-0.04
08/06/2021	11:51:24	78783.90	394742.80	37.13	Soil	10,860	0.29
08/06/2021	11:51:26	78783.83	394743.11	36.93	Soil	11,100	0.45

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08/06/2021	11:51:27	78783.91	394742.92	36.86	Soil	9,300	-0.78
08/06/2021	11:51:28	78783.72	394742.74	36.86	Soil	9,840	-0.41
08/06/2021	11:51:29	78783.57	394742.71	36.87	Soil	8,940	-1.02
08/06/2021	11:51:30	78783.58	394742.86	37.04	Soil	9,300	-0.78
08/06/2021	11:51:34	78783.58	394742.64	36.73	Soil	11,580	0.78
08/06/2021	11:51:35	78783.24	394742.72	37.02	Soil	9,780	-0.45
08/06/2021	11:51:39	78783.06	394742.45	36.64	Soil	9,480	-0.65
08/06/2021	11:51:40	78782.84	394742.33	36.73	Soil	10,800	0.25
08/06/2021	11:51:41	78782.81	394742.93	36.82	Soil	10,020	-0.28
08/06/2021	11:51:43	78782.71	394742.99	36.99	Soil	9,600	-0.57
08/06/2021	11:51:45	78782.47	394743.11	36.86	Soil	10,200	-0.16
08/06/2021	11:51:46	78782.58	394742.74	36.55	Soil	10,380	-0.04
08/06/2021	11:51:47	78782.61	394742.34	36.54	Soil	10,020	-0.28
08/06/2021	11:51:48	78782.58	394742.39	36.64	Soil	11,820	0.95
08/06/2021	11:51:49	78782.35	394742.54	36.73	Soil	9,480	-0.65
08/06/2021	11:51:50	78782.20	394742.31	36.64	Soil	11,520	0.74
08/06/2021	11:51:51	78782.28	394742.13	36.61	Soil	9,780	-0.45
08/06/2021	11:51:52	78782.36	394742.07	36.58	Soil	9,000	-0.98
08/06/2021	11:51:53	78782.27	394742.22	36.57	Soil	10,140	-0.20
08/06/2021	11:51:54	78782.25	394742.33	36.49	Soil	10,500	0.04
08/06/2021	11:51:55	78782.38	394742.33	36.29	Soil	10,740	0.21
08/06/2021	11:51:56	78782.44	394742.45	36.17	Soil	10,620	0.13
08/06/2021	11:51:57	78782.31	394742.64	36.10	Soil	8,460	-1.35
08/06/2021	11:51:58	78782.15	394742.62	36.12	Soil	10,560	0.09
08/06/2021	11:51:59	78782.22	394742.57	36.27	Soil	9,780	-0.45
08/06/2021	11:52:00	78782.35	394742.40	36.24	Soil	11,100	0.45
08/06/2021	11:52:01	78782.27	394742.48	36.16	Soil	7,980	-1.68
08/06/2021	11:52:02	78782.17	394742.67	36.26	Soil	10,800	0.25
08/06/2021	11:52:03	78782.23	394742.49	36.33	Soil	10,440	0.00
08/06/2021	11:52:04	78782.23	394742.56	36.47	Soil	10,260	-0.12
08/06/2021	11:52:05	78782.19	394742.92	36.67	Soil	10,080	-0.24
08/06/2021	11:52:06	78782.11	394743.18	36.80	Soil	10,020	-0.28
08/06/2021	11:52:07	78782.08	394743.20	36.68	Soil	8,760	-1.15
08/06/2021	11:52:08	78782.06	394742.58	36.38	Soil	9,600	-0.57
08/06/2021	11:52:09	78782.12	394742.08	36.34	Soil	10,860	0.29
08/06/2021	11:52:10	78782.12	394742.54	36.60	Soil	10,500	0.04
08/06/2021	11:52:11	78782.19	394743.17	36.90	Soil	10,440	0.00
08/06/2021	11:52:14	78781.80	394742.52	36.54	Soil	10,500	0.04
08/06/2021	11:52:15	78781.85	394742.10	36.46	Soil	11,700	0.87
08/06/2021	11:52:16	78781.71	394742.63	36.64	Soil	9,960	-0.32
08/06/2021	11:52:17	78781.65	394743.02	36.83	Soil	11,460	0.70
08/06/2021	11:52:18	78781.61	394743.03	36.84	Soil	10,500	0.04
08/06/2021	11:52:19	78781.61	394743.03	36.88	Soil	10,380	-0.04
08/06/2021	11:52:20	78781.67	394743.23	37.00	Soil	9,900	-0.37
08/06/2021	11:52:22	78781.85	394742.89	36.79	Soil	11,040	0.41
08/06/2021	11:52:23	78781.62	394742.62	36.73	Soil	10,980	0.37
08/06/2021	11:52:24	78781.57	394742.34	36.60	Soil	10,920	0.33
08/06/2021	11:52:25	78781.56	394742.48	36.75	Soil	10,320	-0.08
08/06/2021	11:52:26	78781.71	394742.91	36.72	Soil	10,200	-0.16
08/06/2021	11:52:27	78781.43	394742.69	36.67	Soil	9,480	-0.65
08/06/2021	11:52:28	78781.44	394742.37	36.53	Soil	9,420	-0.69

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08/06/2021	11:52:29	78781.25	394742.15	36.57	Soil	9,780	-0.45
08/06/2021	11:52:30	78781.27	394742.59	36.88	Soil	10,680	0.17
08/06/2021	11:52:31	78781.48	394743.17	36.99	Soil	12,120	1.15
08/06/2021	11:52:32	78781.27	394743.16	36.85	Soil	10,500	0.04
08/06/2021	11:52:33	78781.31	394742.54	36.64	Soil	11,460	0.70
08/06/2021	11:52:34	78781.27	394742.03	36.61	Soil	8,940	-1.02
08/06/2021	11:52:35	78781.10	394742.11	36.69	Soil	10,740	0.21
08/06/2021	11:52:36	78781.10	394742.53	36.77	Soil	11,880	0.99
08/06/2021	11:52:37	78781.24	394742.54	36.88	Soil	11,160	0.50
08/06/2021	11:52:38	78781.32	394742.39	36.84	Soil	10,140	-0.20
08/06/2021	11:52:39	78781.21	394742.24	36.81	Soil	10,260	-0.12
08/06/2021	11:52:40	78781.15	394742.22	36.71	Soil	10,620	0.13
08/06/2021	11:52:41	78781.24	394742.27	36.68	Soil	10,620	0.13
08/06/2021	11:52:42	78781.29	394742.26	36.65	Soil	10,860	0.29
08/06/2021	11:52:43	78781.25	394742.24	36.51	Soil	10,500	0.04
08/06/2021	11:52:44	78781.21	394742.26	36.44	Soil	10,680	0.17
08/06/2021	11:52:45	78781.25	394742.26	36.35	Soil	10,140	-0.20
08/06/2021	11:52:46	78781.28	394742.20	36.16	Soil	9,300	-0.78
08/06/2021	11:52:47	78781.24	394742.20	36.08	Soil	9,840	-0.41
08/06/2021	11:52:48	78781.23	394742.26	36.02	Soil	10,200	-0.16
08/06/2021	11:52:49	78781.24	394742.29	36.05	Soil	10,020	-0.28
08/06/2021	11:52:50	78781.30	394742.29	36.14	Soil	11,460	0.70
08/06/2021	11:52:51	78781.00	394742.31	36.14	Soil	12,300	1.28
08/06/2021	11:52:52	78781.28	394742.46	36.01	Soil	11,760	0.91
08/06/2021	11:52:53	78781.66	394742.71	36.23	Soil	9,120	-0.90
08/06/2021	11:52:54	78781.37	394743.14	36.40	Soil	9,720	-0.49
08/06/2021	11:52:55	78781.25	394743.22	36.45	Soil	9,600	-0.57
08/06/2021	11:52:56	78781.29	394743.15	36.18	Soil	10,980	0.37
08/06/2021	11:52:57	78781.26	394742.56	35.69	Soil	10,440	0.00
08/06/2021	11:52:58	78781.26	394742.09	35.73	Soil	10,740	0.21
08/06/2021	11:52:59	78781.39	394742.69	36.07	Soil	11,100	0.45
08/06/2021	11:53:00	78781.35	394743.10	36.06	Soil	9,780	-0.45
08/06/2021	11:53:01	78781.28	394742.72	36.09	Soil	10,500	0.04
08/06/2021	11:53:02	78781.19	394742.71	36.32	Soil	10,080	-0.24
08/06/2021	11:53:03	78781.06	394743.18	36.25	Soil	10,620	0.13
08/06/2021	11:53:04	78781.07	394743.24	36.27	Soil	12,000	1.07
08/06/2021	11:53:05	78781.08	394742.96	36.07	Soil	10,740	0.21
08/06/2021	11:53:06	78781.13	394742.92	36.27	Soil	10,380	-0.04
08/06/2021	11:53:08	78781.25	394743.14	36.00	Soil	10,560	0.09
08/06/2021	11:53:09	78781.22	394742.57	35.98	Soil	10,200	-0.16
08/06/2021	11:53:10	78781.12	394742.61	36.37	Soil	10,740	0.21
08/06/2021	11:53:11	78780.92	394743.31	36.47	Soil	10,740	0.21
08/06/2021	11:53:12	78780.71	394743.22	36.18	Soil	11,520	0.74
08/06/2021	11:53:13	78780.87	394742.43	35.89	Soil	10,560	0.09
08/06/2021	11:53:14	78780.77	394742.04	35.77	Soil	10,680	0.17
08/06/2021	11:53:15	78780.64	394742.31	35.91	Soil	9,780	-0.45
08/06/2021	11:53:16	78780.67	394742.55	36.18	Soil	10,560	0.09
08/06/2021	11:53:17	78780.81	394743.20	36.32	Soil	10,920	0.33
08/06/2021	11:53:18	78780.69	394743.20	36.31	Soil	11,400	0.66
08/06/2021	11:53:19	78780.51	394742.71	36.28	Soil	11,340	0.62
08/06/2021	11:53:20	78780.50	394742.35	36.26	Soil	10,920	0.33

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08/06/2021	11:53:21	78780.26	394742.35	36.38	Soil	9,420	-0.69
08/06/2021	11:53:22	78780.32	394743.04	36.53	Soil	11,460	0.70
08/06/2021	11:53:23	78780.42	394743.36	36.50	Soil	11,400	0.66
08/06/2021	11:53:24	78780.27	394743.02	36.31	Soil	10,860	0.29
08/06/2021	11:53:25	78780.04	394742.26	36.28	Soil	9,780	-0.45
08/06/2021	11:53:26	78779.82	394741.94	36.33	Soil	9,600	-0.57
08/06/2021	11:53:27	78779.73	394742.24	36.43	Soil	10,980	0.37
08/06/2021	11:53:28	78779.90	394742.74	36.66	Soil	11,400	0.66
08/06/2021	11:53:29	78779.94	394743.11	36.69	Soil	10,620	0.13
08/06/2021	11:53:30	78779.86	394742.98	36.63	Soil	10,920	0.33
08/06/2021	11:53:31	78779.78	394742.58	36.74	Soil	10,620	0.13
08/06/2021	11:53:32	78779.53	394742.82	37.01	Soil	12,360	1.32
08/06/2021	11:53:35	78779.91	394743.01	36.78	Soil	10,860	0.29
08/06/2021	11:53:36	78780.01	394742.46	36.59	Soil	10,740	0.21
08/06/2021	11:53:37	78779.59	394741.68	36.72	Soil	9,300	-0.78
08/06/2021	11:53:38	78778.96	394741.95	36.85	Soil	10,440	0.00
08/06/2021	11:53:39	78779.27	394742.43	36.92	Soil	10,620	0.13
08/06/2021	11:53:40	78779.12	394742.52	36.99	Soil	11,160	0.50
08/06/2021	11:53:41	78779.11	394742.52	37.16	Soil	11,220	0.54
08/06/2021	11:53:45	78778.94	394742.10	37.19	Soil	10,260	-0.12
08/06/2021	11:53:46	78778.50	394741.52	37.17	Soil	10,260	-0.12
08/06/2021	11:53:47	78778.16	394741.70	37.21	Soil	11,640	0.82
08/06/2021	11:53:48	78778.52	394741.91	37.28	Soil	11,640	0.82
08/06/2021	11:53:49	78778.66	394742.11	37.25	Soil	11,760	0.91
08/06/2021	11:53:50	78778.31	394741.76	37.28	Soil	11,220	0.54
08/06/2021	11:53:51	78778.05	394741.66	37.30	Soil	12,120	1.15
08/06/2021	11:53:52	78778.27	394741.76	37.34	Soil	12,060	1.11
08/06/2021	11:53:53	78778.29	394741.69	37.30	Soil	10,740	0.21
08/06/2021	11:53:54	78778.15	394741.76	37.34	Soil	10,560	0.09
08/06/2021	11:53:55	78778.20	394741.77	37.35	Soil	12,180	1.19
08/06/2021	11:53:56	78778.12	394741.73	37.41	Soil	11,220	0.54
08/06/2021	11:53:57	78778.01	394741.68	37.42	Soil	11,100	0.45
08/06/2021	11:53:58	78778.02	394741.61	37.43	Soil	11,640	0.82
08/06/2021	11:53:59	78778.02	394741.62	37.44	Soil	10,260	-0.12
08/06/2021	11:54:00	78778.02	394741.64	37.46	Soil	11,280	0.58
08/06/2021	11:54:01	78778.03	394741.73	37.53	Soil	14,160	2.55
08/06/2021	11:54:02	78778.23	394741.96	37.63	Soil	11,280	0.58
08/06/2021	11:54:03	78778.54	394742.31	37.54	Soil	11,520	0.74
08/06/2021	11:54:04	78778.20	394741.78	37.48	Soil	11,160	0.50
08/06/2021	11:54:05	78777.90	394741.54	37.51	Soil	15,180	3.25
08/06/2021	11:54:06	78778.23	394741.94	37.53	Soil	14,340	2.67
08/06/2021	11:54:07	78778.43	394741.89	37.39	Soil	11,400	0.66
08/06/2021	11:54:08	78778.03	394741.35	37.33	Soil	12,240	1.23
08/06/2021	11:54:09	78777.86	394741.35	37.24	Soil	10,860	0.29
08/06/2021	11:54:10	78778.23	394741.40	37.37	Soil	8,400	-1.39
08/06/2021	11:54:11	78778.02	394741.38	37.45	Soil	8,340	-1.43
08/06/2021	11:54:12	78778.22	394741.54	37.49	Soil	12,420	1.36
08/06/2021	11:54:13	78778.20	394741.74	37.49	Soil	11,400	0.66
08/06/2021	11:54:14	78778.24	394741.90	37.39	Soil	10,500	0.04
08/06/2021	11:54:15	78778.34	394741.99	37.35	Soil	10,620	0.13
08/06/2021	11:54:16	78778.21	394741.91	37.44	Soil	12,420	1.36

SU 7B GWS RESULTS

08/06/2021	11:54:17	78778.18	394741.86	37.54	Soil	9,900	-0.37
08/06/2021	11:54:18	78778.24	394742.17	37.55	Soil	10,260	-0.12
08/06/2021	11:54:19	78778.54	394742.21	37.38	Soil	10,860	0.29
08/06/2021	11:54:20	78778.54	394742.01	37.50	Soil	9,840	-0.41
08/06/2021	11:54:21	78778.26	394741.89	37.51	Soil	10,680	0.17
08/06/2021	11:54:22	78778.38	394742.16	37.65	Soil	10,800	0.25
08/06/2021	11:54:25	78778.24	394742.30	37.63	Soil	10,680	0.17
08/06/2021	11:54:26	78778.27	394741.90	37.68	Soil	11,160	0.50
08/06/2021	11:54:27	78778.26	394742.20	37.88	Soil	10,620	0.13
08/06/2021	11:54:30	78778.76	394741.89	37.20	Soil	10,620	0.13
08/06/2021	11:54:31	78778.52	394741.80	37.42	Soil	10,260	-0.12
08/06/2021	11:54:32	78778.63	394742.41	37.61	Soil	9,780	-0.45
08/06/2021	11:54:35	78778.56	394742.18	37.30	Soil	10,980	0.37
08/06/2021	11:54:36	78778.59	394741.70	37.35	Soil	10,200	-0.16
08/06/2021	11:54:37	78778.61	394741.44	37.18	Soil	10,620	0.13
08/06/2021	11:54:38	78778.52	394741.52	37.29	Soil	10,140	-0.20
08/06/2021	11:54:39	78778.75	394742.36	37.49	Soil	9,900	-0.37
08/06/2021	11:54:41	78778.96	394742.34	37.24	Soil	10,320	-0.08
08/06/2021	11:54:42	78778.94	394741.60	37.20	Soil	11,520	0.74
08/06/2021	11:54:43	78778.81	394741.59	37.24	Soil	10,020	-0.28
08/06/2021	11:54:44	78778.88	394742.42	37.33	Soil	10,320	-0.08
08/06/2021	11:54:46	78778.98	394742.32	37.44	Soil	9,960	-0.32
08/06/2021	11:54:47	78778.85	394742.48	37.49	Soil	9,960	-0.32
08/06/2021	11:55:04	78778.60	394742.36	37.48	Soil	10,500	0.04
08/06/2021	11:55:13	78778.09	394742.32	37.60	Soil	10,740	0.21
08/06/2021	11:55:14	78777.87	394741.72	37.59	Soil	11,580	0.78
08/06/2021	11:55:15	78777.67	394741.98	37.60	Soil	10,980	0.37
08/06/2021	11:55:17	78777.99	394742.00	37.64	Soil	11,340	0.62
08/06/2021	11:55:18	78777.82	394742.04	37.60	Soil	10,260	-0.12
08/06/2021	11:55:19	78777.88	394742.20	37.56	Soil	10,020	-0.28
08/06/2021	11:55:20	78778.02	394742.28	37.52	Soil	9,120	-0.90
08/06/2021	11:55:21	78777.93	394742.39	37.58	Soil	9,120	-0.90
08/06/2021	11:55:22	78777.95	394742.22	37.53	Soil	10,800	0.25
08/06/2021	11:55:23	78778.07	394742.25	37.65	Soil	10,080	-0.24
08/06/2021	11:55:26	78777.88	394742.37	37.56	Soil	9,900	-0.37
08/06/2021	11:55:27	78777.95	394741.87	37.55	Soil	9,780	-0.45
08/06/2021	11:55:28	78778.05	394741.61	37.55	Soil	14,100	2.51
08/06/2021	11:55:29	78778.02	394742.23	37.57	Soil	12,060	1.11
08/06/2021	11:55:30	78777.85	394742.27	37.47	Soil	11,040	0.41
08/06/2021	11:55:31	78778.11	394741.70	37.49	Soil	10,800	0.25
08/06/2021	11:55:32	78778.20	394741.59	37.60	Soil	12,660	1.52
08/06/2021	11:55:33	78778.35	394741.98	37.63	Soil	11,160	0.50
08/06/2021	11:55:34	78778.22	394742.19	37.57	Soil	11,700	0.87
08/06/2021	11:55:35	78777.95	394741.55	37.60	Soil	9,120	-0.90
08/06/2021	11:55:36	78778.10	394741.21	37.58	Soil	11,760	0.91
08/06/2021	11:55:37	78778.43	394741.31	37.57	Soil	10,380	-0.04
08/06/2021	11:55:38	78778.11	394741.67	37.53	Soil	11,100	0.45
08/06/2021	11:55:39	78778.03	394741.47	37.52	Soil	12,600	1.48
08/06/2021	11:55:40	78778.38	394741.16	37.45	Soil	11,040	0.41
08/06/2021	11:55:41	78778.72	394741.09	37.43	Soil	10,320	-0.08
08/06/2021	11:55:42	78778.60	394741.38	37.44	Soil	9,060	-0.94

SU 7B GWS RESULTS

08/06/2021	11:55:43	78778.20	394741.63	37.36	Soil	12,960	1.73
08/06/2021	11:55:44	78778.40	394741.40	37.18	Soil	11,820	0.95
08/06/2021	11:55:45	78778.89	394741.25	37.17	Soil	11,280	0.58
08/06/2021	11:55:46	78778.82	394741.48	37.22	Soil	11,460	0.70
08/06/2021	11:55:47	78778.33	394741.58	37.12	Soil	10,560	0.09
08/06/2021	11:55:48	78778.38	394741.35	37.02	Soil	10,980	0.37
08/06/2021	11:55:49	78778.81	394741.02	36.99	Soil	10,080	-0.24
08/06/2021	11:55:50	78778.89	394741.17	36.99	Soil	10,380	-0.04
08/06/2021	11:55:51	78778.67	394741.52	36.96	Soil	10,740	0.21
08/06/2021	11:55:52	78778.63	394741.39	36.95	Soil	10,440	0.00
08/06/2021	11:55:53	78778.83	394741.07	36.95	Soil	10,980	0.37
08/06/2021	11:55:54	78778.74	394741.12	36.95	Soil	11,220	0.54
08/06/2021	11:55:55	78778.47	394741.37	36.91	Soil	11,160	0.50
08/06/2021	11:55:56	78778.52	394741.32	36.88	Soil	9,240	-0.82
08/06/2021	11:55:57	78778.77	394741.08	36.83	Soil	11,100	0.45
08/06/2021	11:55:58	78778.92	394741.10	36.83	Soil	11,220	0.54
08/06/2021	11:55:59	78778.83	394741.52	36.96	Soil	11,640	0.82
08/06/2021	11:56:00	78778.77	394741.78	36.99	Soil	10,500	0.04
08/06/2021	11:56:01	78778.92	394741.59	36.98	Soil	11,100	0.45
08/06/2021	11:56:02	78778.94	394741.37	36.93	Soil	10,500	0.04
08/06/2021	11:56:03	78778.92	394741.56	36.92	Soil	10,140	-0.20
08/06/2021	11:56:04	78779.10	394741.83	36.89	Soil	9,960	-0.32
08/06/2021	11:56:05	78779.28	394741.75	36.70	Soil	11,940	1.03
08/06/2021	11:56:06	78779.12	394741.45	36.62	Soil	9,660	-0.53
08/06/2021	11:56:07	78778.80	394741.36	36.61	Soil	12,180	1.19
08/06/2021	11:56:08	78778.91	394741.51	36.58	Soil	8,880	-1.06
08/06/2021	11:56:09	78779.13	394741.64	36.55	Soil	9,720	-0.49
08/06/2021	11:56:10	78779.09	394741.55	36.54	Soil	9,960	-0.32
08/06/2021	11:56:11	78779.00	394741.52	36.50	Soil	9,900	-0.37
08/06/2021	11:56:12	78779.02	394741.60	36.24	Soil	10,500	0.04
08/06/2021	11:56:13	78778.83	394741.79	36.20	Soil	8,460	-1.35
08/06/2021	11:57:35	78778.95	394741.78	36.76	Soil	8,580	-1.27
08/06/2021	11:57:36	78778.95	394741.78	36.76	Soil	9,600	-0.57
08/06/2021	11:57:37	78778.94	394741.77	36.74	Soil	9,960	-0.32
08/06/2021	11:57:38	78778.98	394741.72	36.83	Soil	10,620	0.13
08/06/2021	11:57:39	78778.84	394741.66	36.79	Soil	10,440	0.00
08/06/2021	11:57:40	78778.75	394741.32	36.65	Soil	11,280	0.58
08/06/2021	11:57:41	78778.89	394741.16	36.83	Soil	12,060	1.11
08/06/2021	11:57:42	78778.95	394741.57	36.79	Soil	10,860	0.29
08/06/2021	11:57:43	78778.91	394741.72	36.58	Soil	10,020	-0.28
08/06/2021	11:57:44	78778.98	394741.15	36.46	Soil	10,140	-0.20
08/06/2021	11:57:45	78779.00	394740.99	36.70	Soil	13,380	2.01
08/06/2021	11:57:46	78779.01	394741.57	36.70	Soil	11,100	0.45
08/06/2021	11:57:47	78778.99	394741.46	36.51	Soil	8,520	-1.31
08/06/2021	11:57:48	78779.03	394740.86	36.38	Soil	11,280	0.58
08/06/2021	11:57:49	78778.93	394740.83	36.58	Soil	11,160	0.50
08/06/2021	11:57:50	78779.02	394741.58	36.53	Soil	10,740	0.21
08/06/2021	11:57:51	78779.08	394741.47	36.34	Soil	10,020	-0.28
08/06/2021	11:57:52	78779.02	394740.65	36.37	Soil	10,380	-0.04
08/06/2021	11:57:53	78779.16	394740.80	36.55	Soil	11,220	0.54
08/06/2021	11:57:54	78778.96	394741.37	36.55	Soil	11,700	0.87

SU 7B GWS RESULTS

08/06/2021	11:57:55	78779.08	394741.18	36.56	Soil	10,800	0.25
08/06/2021	11:57:56	78779.16	394741.04	36.60	Soil	10,620	0.13
08/06/2021	11:57:57	78779.09	394741.34	36.60	Soil	10,500	0.04
08/06/2021	11:57:58	78779.19	394741.56	36.58	Soil	9,180	-0.86
08/06/2021	11:57:59	78779.19	394741.45	36.46	Soil	8,640	-1.23
08/06/2021	11:58:00	78779.20	394741.25	36.39	Soil	11,220	0.54
08/06/2021	11:58:01	78779.22	394741.35	36.46	Soil	9,600	-0.57
08/06/2021	11:58:02	78779.32	394741.58	36.34	Soil	10,140	-0.20
08/06/2021	11:58:03	78779.44	394741.37	36.02	Soil	10,680	0.17
08/06/2021	11:58:04	78779.61	394740.95	36.19	Soil	11,640	0.82
08/06/2021	11:58:05	78779.63	394741.33	36.24	Soil	9,660	-0.53
08/06/2021	11:58:06	78779.27	394741.35	36.21	Soil	10,560	0.09
08/06/2021	11:58:07	78779.46	394740.89	36.21	Soil	10,320	-0.08
08/06/2021	11:58:08	78779.48	394741.14	36.24	Soil	11,160	0.50
08/06/2021	11:58:10	78779.67	394741.77	36.16	Soil	9,480	-0.65
08/06/2021	11:58:11	78780.00	394741.11	36.07	Soil	8,820	-1.10
08/06/2021	11:58:12	78779.53	394740.80	36.07	Soil	10,440	0.00
08/06/2021	11:58:13	78779.87	394741.37	36.09	Soil	10,680	0.17
08/06/2021	11:58:14	78779.72	394741.43	36.06	Soil	10,440	0.00
08/06/2021	11:58:15	78779.78	394741.11	36.04	Soil	7,860	-1.76
08/06/2021	11:58:16	78779.94	394741.10	36.04	Soil	9,360	-0.74
08/06/2021	11:58:17	78780.08	394741.03	35.94	Soil	9,060	-0.94
08/06/2021	11:58:18	78780.23	394741.07	35.95	Soil	9,900	-0.37
08/06/2021	11:58:19	78780.22	394741.13	35.95	Soil	10,140	-0.20
08/06/2021	11:58:20	78780.15	394741.25	36.08	Soil	11,340	0.62
08/06/2021	11:58:21	78780.00	394741.39	36.10	Soil	9,720	-0.49
08/06/2021	11:58:22	78780.02	394741.43	36.11	Soil	9,540	-0.61
08/06/2021	11:58:23	78780.10	394741.56	36.08	Soil	10,620	0.13
08/06/2021	11:58:24	78780.11	394741.50	35.96	Soil	10,620	0.13
08/06/2021	11:58:25	78780.20	394741.12	35.95	Soil	11,040	0.41
08/06/2021	11:58:26	78780.15	394741.31	36.12	Soil	9,780	-0.45
08/06/2021	11:58:27	78780.03	394741.53	35.94	Soil	10,320	-0.08
08/06/2021	11:58:28	78780.08	394741.00	35.88	Soil	9,840	-0.41
08/06/2021	11:58:29	78780.12	394741.06	35.97	Soil	10,020	-0.28
08/06/2021	11:58:30	78780.23	394741.51	36.08	Soil	10,620	0.13
08/06/2021	11:58:31	78780.25	394741.64	35.81	Soil	11,400	0.66
08/06/2021	11:58:32	78780.27	394741.15	35.76	Soil	9,960	-0.32
08/06/2021	11:58:33	78780.35	394741.17	35.99	Soil	10,320	-0.08
08/06/2021	11:58:34	78780.43	394741.68	35.89	Soil	9,600	-0.57
08/06/2021	11:58:35	78780.59	394741.32	35.70	Soil	10,320	-0.08
08/06/2021	11:58:36	78780.77	394741.10	35.81	Soil	10,440	0.00
08/06/2021	11:58:37	78780.59	394741.60	35.89	Soil	9,900	-0.37
08/06/2021	11:58:38	78780.52	394741.42	35.77	Soil	11,940	1.03
08/06/2021	11:58:39	78780.54	394741.00	35.72	Soil	11,580	0.78
08/06/2021	11:58:40	78780.22	394740.86	35.72	Soil	10,320	-0.08
08/06/2021	11:58:41	78780.36	394741.35	35.89	Soil	10,260	-0.12
08/06/2021	11:58:42	78780.29	394741.30	35.82	Soil	11,820	0.95
08/06/2021	11:58:43	78780.15	394741.09	35.92	Soil	8,820	-1.10
08/06/2021	11:58:44	78780.04	394741.31	35.92	Soil	10,740	0.21
08/06/2021	11:58:45	78780.42	394741.08	35.84	Soil	10,740	0.21
08/06/2021	11:58:46	78780.21	394740.56	35.87	Soil	9,420	-0.69

SU 7B GWS RESULTS

08/06/2021	11:58:47	78780.17	394741.25	35.92	Soil	11,520	0.74
08/06/2021	11:58:48	78780.35	394741.31	35.96	Soil	10,740	0.21
08/06/2021	11:58:49	78780.40	394740.94	35.96	Soil	10,560	0.09
08/06/2021	11:58:50	78780.21	394740.91	35.91	Soil	9,540	-0.61
08/06/2021	11:58:51	78780.60	394741.26	35.91	Soil	12,120	1.15
08/06/2021	11:58:52	78780.86	394741.29	35.68	Soil	10,200	-0.16
08/06/2021	11:58:53	78781.18	394740.97	35.53	Soil	9,480	-0.65
08/06/2021	11:58:54	78781.12	394741.40	35.51	Soil	12,000	1.07
08/06/2021	11:58:55	78780.88	394741.47	35.58	Soil	11,160	0.50
08/06/2021	11:58:56	78781.03	394741.34	35.57	Soil	11,760	0.91
08/06/2021	11:58:57	78781.16	394741.34	35.57	Soil	10,560	0.09
08/06/2021	11:58:58	78781.22	394741.46	35.54	Soil	11,400	0.66
08/06/2021	11:58:59	78781.07	394741.49	35.54	Soil	10,800	0.25
08/06/2021	11:59:00	78781.22	394741.41	35.54	Soil	12,840	1.65
08/06/2021	11:59:01	78781.21	394741.38	35.58	Soil	11,340	0.62
08/06/2021	11:59:02	78781.44	394741.28	35.66	Soil	10,500	0.04
08/06/2021	11:59:03	78781.50	394741.17	35.58	Soil	10,860	0.29
08/06/2021	11:59:04	78781.47	394741.06	35.58	Soil	9,000	-0.98
08/06/2021	11:59:05	78781.58	394741.30	35.77	Soil	9,960	-0.32
08/06/2021	11:59:06	78781.49	394741.17	35.63	Soil	10,800	0.25
08/06/2021	11:59:07	78781.29	394740.94	35.58	Soil	11,160	0.50
08/06/2021	11:59:08	78781.33	394741.30	35.70	Soil	11,040	0.41
08/06/2021	11:59:09	78781.45	394741.42	35.70	Soil	11,400	0.66
08/06/2021	11:59:10	78781.50	394741.03	35.58	Soil	11,640	0.82
08/06/2021	11:59:11	78781.40	394740.79	35.67	Soil	11,940	1.03
08/06/2021	11:59:12	78781.37	394741.16	35.75	Soil	11,700	0.87
08/06/2021	11:59:13	78781.18	394741.32	35.75	Soil	10,020	-0.28
08/06/2021	11:59:14	78781.13	394740.82	35.46	Soil	9,900	-0.37
08/06/2021	11:59:15	78781.22	394740.76	35.60	Soil	9,720	-0.49
08/06/2021	11:59:16	78781.25	394741.11	35.60	Soil	10,380	-0.04
08/06/2021	11:59:17	78781.68	394741.46	35.67	Soil	9,240	-0.82
08/06/2021	11:59:18	78781.86	394741.47	35.84	Soil	10,980	0.37
08/06/2021	11:59:19	78781.72	394741.78	35.92	Soil	11,580	0.78
08/06/2021	11:59:20	78781.66	394741.71	35.92	Soil	8,040	-1.64
08/06/2021	11:59:21	78781.70	394741.76	35.94	Soil	10,140	-0.20
08/06/2021	11:59:22	78781.85	394741.24	35.43	Soil	10,620	0.13
08/06/2021	11:59:23	78781.94	394740.82	35.35	Soil	9,660	-0.53
08/06/2021	11:59:24	78782.16	394741.20	35.35	Soil	9,600	-0.57
08/06/2021	11:59:25	78782.13	394741.19	35.38	Soil	8,760	-1.15
08/06/2021	11:59:26	78782.04	394741.33	35.47	Soil	9,660	-0.53
08/06/2021	11:59:27	78782.05	394741.36	35.59	Soil	10,080	-0.24
08/06/2021	11:59:28	78782.12	394741.61	35.59	Soil	10,740	0.21
08/06/2021	11:59:29	78782.08	394741.70	35.65	Soil	9,180	-0.86
08/06/2021	11:59:30	78781.87	394741.40	35.67	Soil	10,500	0.04
08/06/2021	11:59:31	78781.79	394741.13	35.72	Soil	11,280	0.58
08/06/2021	11:59:32	78781.97	394741.55	35.80	Soil	11,280	0.58
08/06/2021	11:59:33	78782.22	394741.69	35.77	Soil	11,160	0.50
08/06/2021	11:59:34	78782.27	394741.37	35.58	Soil	9,960	-0.32
08/06/2021	11:59:35	78782.29	394740.95	35.49	Soil	8,700	-1.19
08/06/2021	11:59:36	78782.26	394741.14	35.49	Soil	12,420	1.36
08/06/2021	11:59:37	78782.02	394741.12	35.60	Soil	10,980	0.37

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08/06/2021	11:59:38	78781.98	394741.10	35.59	Soil	11,700	0.87
08/06/2021	11:59:39	78782.36	394741.34	35.60	Soil	9,540	-0.61
08/06/2021	11:59:40	78782.39	394741.27	35.58	Soil	10,140	-0.20
08/06/2021	11:59:41	78782.38	394741.33	35.58	Soil	8,520	-1.31
08/06/2021	11:59:42	78782.42	394741.28	35.54	Soil	9,660	-0.53
08/06/2021	11:59:43	78782.47	394741.33	35.57	Soil	8,700	-1.19
08/06/2021	11:59:44	78782.42	394741.32	35.57	Soil	8,460	-1.35
08/06/2021	11:59:44	78782.38	394741.31	35.58	Soil	11,280	0.58
08/06/2021	11:59:46	78782.39	394741.31	35.58	Soil	10,140	-0.20
08/06/2021	11:59:47	78782.43	394741.33	35.58	Soil	11,580	0.78
08/06/2021	11:59:48	78782.41	394741.22	35.72	Soil	10,440	0.00
08/06/2021	11:59:49	78782.39	394741.31	35.72	Soil	10,080	-0.24
08/06/2021	11:59:50	78782.35	394741.63	35.75	Soil	9,180	-0.86
08/06/2021	11:59:51	78782.23	394741.28	35.54	Soil	10,140	-0.20
08/06/2021	11:59:52	78782.33	394740.98	35.54	Soil	10,500	0.04
08/06/2021	11:59:53	78782.49	394741.44	35.77	Soil	10,620	0.13
08/06/2021	11:59:53	78782.43	394741.38	35.77	Soil	9,540	-0.61
08/06/2021	11:59:55	78782.31	394741.05	35.56	Soil	10,620	0.13
08/06/2021	11:59:56	78782.45	394740.88	35.56	Soil	8,160	-1.56
08/06/2021	11:59:56	78782.71	394741.43	35.65	Soil	9,420	-0.69
08/06/2021	11:59:58	78782.37	394741.24	35.60	Soil	11,040	0.41
08/06/2021	11:59:59	78782.38	394741.10	35.68	Soil	9,540	-0.61
08/06/2021	11:59:59	78782.48	394741.29	35.68	Soil	9,720	-0.49
08/06/2021	12:00:00	78782.76	394741.61	35.81	Soil	8,340	-1.43
08/06/2021	12:00:02	78782.77	394741.64	35.85	Soil	9,000	-0.98
08/06/2021	12:00:03	78782.79	394741.37	35.49	Soil	11,040	0.41
08/06/2021	12:00:04	78782.98	394740.94	35.49	Soil	9,720	-0.49
08/06/2021	12:00:05	78782.79	394741.45	35.60	Soil	10,260	-0.12
08/06/2021	12:00:06	78782.58	394741.66	35.77	Soil	9,360	-0.74
08/06/2021	12:00:06	78782.80	394741.26	35.69	Soil	10,140	-0.20
08/06/2021	12:00:07	78783.00	394741.03	35.77	Soil	10,380	-0.04
08/06/2021	12:00:09	78782.95	394740.95	35.83	Soil	10,620	0.13
08/06/2021	12:00:10	78782.90	394741.57	35.70	Soil	9,960	-0.32
08/06/2021	12:00:10	78783.19	394741.30	35.58	Soil	9,900	-0.37
08/06/2021	12:00:11	78783.22	394741.08	35.49	Soil	9,300	-0.78
08/06/2021	12:00:12	78783.20	394741.54	35.62	Soil	9,000	-0.98
08/06/2021	12:00:13	78782.89	394741.58	35.73	Soil	10,740	0.21
08/06/2021	12:00:14	78782.82	394741.29	35.77	Soil	10,860	0.29
08/06/2021	12:00:15	78782.87	394741.62	35.77	Soil	11,160	0.50
08/06/2021	12:00:16	78783.11	394741.87	35.83	Soil	8,760	-1.15
08/06/2021	12:00:17	78783.32	394741.37	35.71	Soil	9,600	-0.57
08/06/2021	12:00:18	78783.33	394741.13	35.48	Soil	11,460	0.70
08/06/2021	12:00:19	78783.37	394741.41	35.48	Soil	8,880	-1.06
08/06/2021	12:00:20	78783.31	394741.55	35.59	Soil	9,540	-0.61
08/06/2021	12:00:21	78783.08	394741.55	35.61	Soil	10,500	0.04
08/06/2021	12:00:22	78783.09	394741.59	35.70	Soil	11,280	0.58
08/06/2021	12:00:23	78783.26	394741.71	35.77	Soil	9,060	-0.94
08/06/2021	12:00:24	78783.39	394741.80	35.80	Soil	11,640	0.82
08/06/2021	12:00:25	78783.42	394742.04	35.98	Soil	11,100	0.45
08/06/2021	12:00:26	78783.27	394741.85	35.86	Soil	12,360	1.32
08/06/2021	12:00:27	78783.25	394741.38	35.68	Soil	10,740	0.21

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08/06/2021	12:00:28	78783.29	394741.30	35.60	Soil	11,340	0.62
08/06/2021	12:00:29	78783.53	394741.58	35.70	Soil	9,180	-0.86
08/06/2021	12:00:30	78783.54	394741.61	35.68	Soil	10,020	-0.28
08/06/2021	12:00:31	78783.30	394741.60	35.68	Soil	9,840	-0.41
08/06/2021	12:00:32	78783.43	394741.70	35.81	Soil	9,000	-0.98
08/06/2021	12:00:33	78783.86	394741.77	35.88	Soil	9,960	-0.32
08/06/2021	12:00:34	78783.67	394741.77	35.84	Soil	9,900	-0.37
08/06/2021	12:00:35	78783.22	394741.32	35.76	Soil	10,140	-0.20
08/06/2021	12:00:36	78783.71	394741.34	35.76	Soil	10,080	-0.24
08/06/2021	12:00:37	78783.80	394741.64	35.90	Soil	10,680	0.17
08/06/2021	12:00:38	78783.51	394741.85	35.79	Soil	9,120	-0.90
08/06/2021	12:00:39	78783.29	394741.26	35.66	Soil	12,360	1.32
08/06/2021	12:00:41	78783.39	394741.06	35.40	Soil	9,660	-0.53
08/06/2021	12:00:41	78783.59	394740.99	35.40	Soil	9,000	-0.98
08/06/2021	12:00:42	78783.67	394741.15	35.30	Soil	10,200	-0.16
08/06/2021	12:00:43	78783.76	394740.97	35.30	Soil	10,860	0.29
08/06/2021	12:00:44	78783.78	394741.00	35.28	Soil	8,760	-1.15
08/06/2021	12:00:45	78783.89	394741.04	35.20	Soil	9,840	-0.41
08/06/2021	12:00:46	78783.80	394741.12	35.25	Soil	9,420	-0.69
08/06/2021	12:00:47	78783.50	394741.09	35.40	Soil	9,660	-0.53
08/06/2021	12:00:48	78783.66	394741.32	35.61	Soil	10,500	0.04
08/06/2021	12:00:49	78783.81	394741.23	35.58	Soil	9,780	-0.45
08/06/2021	12:00:50	78783.58	394740.81	35.38	Soil	9,360	-0.74
08/06/2021	12:00:51	78783.68	394740.48	35.27	Soil	7,860	-1.76
08/06/2021	12:00:52	78783.70	394740.91	35.34	Soil	9,540	-0.61
08/06/2021	12:00:53	78783.49	394741.15	35.40	Soil	9,360	-0.74
08/06/2021	12:07:03	78775.97	394743.56	38.35	Soil	11,160	0.50
08/06/2021	12:07:06	78776.03	394743.67	38.35	Soil	12,240	1.23
08/06/2021	12:07:07	78776.01	394743.76	38.42	Soil	12,000	1.07
08/06/2021	12:07:08	78775.74	394743.82	38.48	Soil	12,660	1.52
08/06/2021	12:07:09	78775.71	394743.72	38.43	Soil	10,620	0.13
08/06/2021	12:07:10	78775.64	394743.75	38.42	Soil	10,920	0.33
08/06/2021	12:07:15	78775.86	394743.85	38.35	Soil	12,180	1.19
08/06/2021	12:07:16	78775.68	394743.79	38.41	Soil	11,880	0.99
08/06/2021	12:07:17	78775.61	394743.74	38.38	Soil	10,740	0.21
08/06/2021	12:07:18	78775.67	394743.60	38.40	Soil	11,700	0.87
08/06/2021	12:07:19	78775.63	394743.65	38.52	Soil	11,820	0.95
08/06/2021	12:07:20	78775.60	394743.89	38.46	Soil	11,100	0.45
08/06/2021	12:07:22	78775.80	394743.83	38.26	Soil	11,940	1.03
08/06/2021	12:07:23	78775.88	394743.45	38.25	Soil	12,300	1.28
08/06/2021	12:07:26	78775.59	394743.87	38.41	Soil	11,700	0.87
08/06/2021	12:07:27	78775.55	394743.67	38.45	Soil	11,880	0.99
08/06/2021	12:07:51	78775.30	394743.90	38.92	Soil	11,520	0.74
08/06/2021	12:07:55	78775.46	394743.68	38.67	Soil	12,420	1.36
08/06/2021	12:07:58	78775.17	394743.58	38.86	Soil	11,520	0.74
08/06/2021	12:07:59	78775.01	394743.43	38.85	Soil	12,360	1.32
08/06/2021	12:08:02	78775.16	394743.47	38.82	Soil	10,980	0.37
08/06/2021	12:08:03	78775.07	394743.40	38.79	Soil	10,500	0.04
08/06/2021	12:08:04	78774.87	394743.70	38.94	Soil	11,820	0.95
08/06/2021	12:08:05	78775.00	394743.26	38.84	Soil	12,420	1.36
08/06/2021	12:08:06	78775.06	394743.44	38.62	Soil	11,520	0.74

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08/06/2021	12:08:07	78774.91	394743.87	38.89	Soil	11,760	0.91
08/06/2021	12:08:08	78775.16	394743.45	38.66	Soil	12,720	1.56
08/06/2021	12:08:09	78775.51	394743.11	38.35	Soil	11,100	0.45
08/06/2021	12:08:10	78775.22	394743.58	38.75	Soil	12,660	1.52
08/06/2021	12:08:11	78775.37	394743.64	38.71	Soil	11,700	0.87
08/06/2021	12:08:12	78775.70	394743.24	38.32	Soil	11,220	0.54
08/06/2021	12:08:13	78775.39	394743.11	38.40	Soil	12,360	1.32
08/06/2021	12:08:14	78775.52	394743.26	38.42	Soil	9,360	-0.74
08/06/2021	12:08:15	78775.77	394743.12	38.36	Soil	11,640	0.82
08/06/2021	12:08:16	78775.90	394742.94	38.36	Soil	11,940	1.03
08/06/2021	12:08:17	78775.95	394742.77	38.26	Soil	10,500	0.04
08/06/2021	12:08:18	78775.74	394742.81	38.29	Soil	13,320	1.97
08/06/2021	12:08:19	78775.93	394742.79	38.22	Soil	11,880	0.99
08/06/2021	12:08:20	78776.13	394742.83	38.20	Soil	14,460	2.75
08/06/2021	12:08:21	78775.93	394742.94	38.30	Soil	11,760	0.91
08/06/2021	12:08:22	78776.05	394743.03	38.24	Soil	10,980	0.37
08/06/2021	12:08:24	78776.14	394742.87	38.15	Soil	10,800	0.25
08/06/2021	12:08:25	78775.96	394742.79	38.14	Soil	12,060	1.11
08/06/2021	12:08:28	78776.10	394742.86	38.12	Soil	10,560	0.09
08/06/2021	12:08:29	78776.25	394742.89	38.06	Soil	11,940	1.03
08/06/2021	12:08:38	78776.42	394742.88	37.97	Soil	10,260	-0.12
08/06/2021	12:08:42	78776.68	394742.79	37.84	Soil	11,160	0.50
08/06/2021	12:08:45	78776.71	394742.51	37.68	Soil	11,700	0.87
08/06/2021	12:08:46	78776.63	394742.34	37.67	Soil	10,980	0.37
08/06/2021	12:08:48	78776.82	394742.68	37.69	Soil	10,620	0.13
08/06/2021	12:08:49	78776.81	394742.56	37.71	Soil	11,160	0.50
08/06/2021	12:08:50	78776.63	394742.17	37.65	Soil	11,040	0.41
08/06/2021	12:08:53	78776.77	394742.20	37.41	Soil	9,900	-0.37
08/06/2021	12:08:54	78776.72	394742.05	37.46	Soil	10,680	0.17
08/06/2021	12:08:55	78776.86	394742.05	37.43	Soil	11,100	0.45
08/06/2021	12:08:56	78777.06	394742.25	37.42	Soil	10,740	0.21
08/06/2021	12:08:58	78776.82	394742.50	37.52	Soil	10,020	-0.28
08/06/2021	12:08:59	78776.81	394742.39	37.58	Soil	10,200	-0.16
08/06/2021	12:09:00	78777.21	394742.38	37.45	Soil	9,420	-0.69
08/06/2021	12:09:01	78777.19	394742.25	37.45	Soil	10,140	-0.20
08/06/2021	12:09:02	78777.11	394742.30	37.40	Soil	10,260	-0.12
08/06/2021	12:09:03	78777.52	394742.31	37.19	Soil	10,920	0.33
08/06/2021	12:09:04	78777.60	394742.19	37.09	Soil	10,920	0.33
08/06/2021	12:09:05	78777.33	394742.03	37.13	Soil	10,140	-0.20
08/06/2021	12:09:06	78777.30	394742.16	37.15	Soil	9,540	-0.61
08/06/2021	12:09:07	78777.20	394742.16	37.22	Soil	11,040	0.41
08/06/2021	12:09:08	78777.24	394741.91	37.24	Soil	10,020	-0.28
08/06/2021	12:09:09	78777.75	394742.16	37.04	Soil	10,200	-0.16
08/06/2021	12:09:10	78777.63	394742.17	37.01	Soil	11,340	0.62
08/06/2021	12:09:11	78777.50	394741.95	37.16	Soil	10,380	-0.04
08/06/2021	12:09:12	78777.48	394741.76	37.07	Soil	10,440	0.00
08/06/2021	12:09:13	78777.47	394741.91	37.12	Soil	11,520	0.74
08/06/2021	12:09:14	78777.46	394741.92	37.10	Soil	9,060	-0.94
08/06/2021	12:09:15	78777.47	394741.65	37.00	Soil	11,220	0.54
08/06/2021	12:09:16	78777.52	394741.87	37.09	Soil	10,440	0.00
08/06/2021	12:09:17	78777.47	394742.24	37.25	Soil	9,840	-0.41

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08/06/2021	12:09:18	78777.38	394741.72	37.13	Soil	10,800	0.25
08/06/2021	12:09:19	78777.29	394740.80	37.20	Soil	11,340	0.62
08/06/2021	12:09:20	78776.96	394740.96	37.15	Soil	10,740	0.21
08/06/2021	12:09:21	78777.20	394740.95	37.22	Soil	9,420	-0.69
08/06/2021	12:09:22	78777.16	394740.83	37.22	Soil	9,540	-0.61
08/06/2021	12:09:23	78777.15	394740.96	37.22	Soil	10,740	0.21
08/06/2021	12:09:24	78777.27	394741.07	37.26	Soil	9,780	-0.45
08/06/2021	12:09:25	78777.16	394741.08	37.21	Soil	9,420	-0.69
08/06/2021	12:09:26	78777.07	394741.00	37.19	Soil	9,240	-0.82
08/06/2021	12:09:27	78777.17	394740.94	37.21	Soil	10,560	0.09
08/06/2021	12:09:28	78777.31	394740.95	37.24	Soil	10,500	0.04
08/06/2021	12:09:29	78777.27	394741.07	37.18	Soil	10,320	-0.08
08/06/2021	12:09:30	78777.36	394741.14	37.18	Soil	9,840	-0.41
08/06/2021	12:09:31	78777.39	394741.17	37.21	Soil	10,440	0.00
08/06/2021	12:09:32	78777.45	394741.22	37.19	Soil	9,720	-0.49
08/06/2021	12:09:33	78777.32	394740.96	37.30	Soil	9,240	-0.82
08/06/2021	12:09:34	78777.23	394740.92	37.26	Soil	10,140	-0.20
08/06/2021	12:09:35	78777.30	394741.35	37.34	Soil	11,040	0.41
08/06/2021	12:09:36	78777.18	394741.30	37.37	Soil	11,280	0.58
08/06/2021	12:09:37	78777.04	394741.11	37.42	Soil	8,940	-1.02
08/06/2021	12:09:38	78776.92	394741.04	37.46	Soil	10,020	-0.28
08/06/2021	12:09:39	78776.96	394741.08	37.47	Soil	11,280	0.58
08/06/2021	12:09:40	78777.05	394741.23	37.38	Soil	10,320	-0.08
08/06/2021	12:09:41	78777.21	394741.48	37.31	Soil	12,000	1.07
08/06/2021	12:09:42	78777.18	394741.41	37.23	Soil	10,920	0.33
08/06/2021	12:09:43	78776.93	394740.88	37.21	Soil	9,900	-0.37
08/06/2021	12:09:44	78776.93	394740.94	37.15	Soil	11,520	0.74
08/06/2021	12:09:45	78777.26	394741.40	37.23	Soil	10,260	-0.12
08/06/2021	12:09:46	78777.07	394741.36	37.19	Soil	9,900	-0.37
08/06/2021	12:09:47	78776.99	394741.10	37.24	Soil	12,060	1.11
08/06/2021	12:09:49	78776.99	394741.24	37.24	Soil	11,280	0.58
08/06/2021	12:09:50	78777.05	394741.60	37.31	Soil	10,320	-0.08
08/06/2021	12:09:51	78777.02	394741.41	37.29	Soil	9,900	-0.37
08/06/2021	12:09:54	78776.94	394741.68	37.33	Soil	11,160	0.50
08/06/2021	12:09:55	78776.86	394741.47	37.29	Soil	12,120	1.15
08/06/2021	12:09:58	78776.82	394741.75	37.44	Soil	11,160	0.50
08/06/2021	12:10:01	78776.66	394741.69	37.55	Soil	10,080	-0.24
08/06/2021	12:10:02	78776.69	394741.89	37.59	Soil	11,520	0.74
08/06/2021	12:10:07	78776.45	394741.73	37.69	Soil	10,920	0.33
08/06/2021	12:10:14	78775.91	394741.86	37.67	Soil	11,940	1.03
08/06/2021	12:10:16	78775.87	394741.85	37.74	Soil	10,440	0.00
08/06/2021	12:10:18	78775.71	394741.83	37.85	Soil	11,520	0.74
08/06/2021	12:10:19	78775.71	394742.22	37.94	Soil	10,560	0.09
08/06/2021	12:10:20	78775.38	394742.13	38.11	Soil	12,000	1.07
08/06/2021	12:10:21	78775.25	394742.33	38.18	Soil	11,580	0.78
08/06/2021	12:10:23	78775.20	394742.47	38.40	Soil	11,880	0.99
08/06/2021	12:10:24	78774.81	394742.07	38.46	Soil	14,640	2.88
08/06/2021	12:10:25	78774.79	394742.50	38.56	Soil	13,320	1.97
08/06/2021	12:10:26	78774.69	394742.50	38.49	Soil	10,620	0.13
08/06/2021	12:10:27	78774.67	394742.27	38.50	Soil	11,820	0.95
08/06/2021	12:10:28	78774.58	394742.17	38.56	Soil	12,180	1.19

SU 7B GWS RESULTS

08/06/2021	12:10:29	78774.58	394742.57	38.80	Soil	12,000	1.07
08/06/2021	12:10:30	78774.57	394742.55	38.80	Soil	12,960	1.73
08/06/2021	12:10:31	78774.36	394742.10	38.72	Soil	11,880	0.99
08/06/2021	12:10:32	78774.38	394742.40	38.87	Soil	10,200	-0.16
08/06/2021	12:10:33	78774.32	394742.87	38.92	Soil	12,180	1.19
08/06/2021	12:10:34	78774.07	394742.51	38.90	Soil	9,540	-0.61
08/06/2021	12:10:35	78774.07	394742.29	38.94	Soil	12,000	1.07
08/06/2021	12:10:36	78774.20	394742.44	38.98	Soil	11,040	0.41
08/06/2021	12:10:37	78774.34	394742.86	39.04	Soil	12,420	1.36
08/06/2021	12:10:38	78774.02	394742.70	39.00	Soil	13,920	2.38
08/06/2021	12:10:39	78773.81	394742.61	38.91	Soil	11,940	1.03
08/06/2021	12:10:40	78773.89	394742.89	39.07	Soil	12,360	1.32
08/06/2021	12:10:41	78773.79	394743.10	39.06	Soil	14,820	3.00
08/06/2021	12:10:42	78773.60	394742.77	39.00	Soil	14,640	2.88
08/06/2021	12:10:43	78773.34	394742.59	39.00	Soil	11,640	0.82
08/06/2021	12:10:48	78772.99	394741.97	39.16	Soil	12,360	1.32
08/06/2021	12:10:49	78772.93	394741.79	39.27	Soil	10,860	0.29
08/06/2021	12:10:50	78773.01	394741.62	39.32	Soil	11,220	0.54
08/06/2021	12:10:51	78772.92	394741.50	39.29	Soil	11,220	0.54
08/06/2021	12:10:52	78772.92	394741.46	39.29	Soil	12,300	1.28
08/06/2021	12:10:53	78772.88	394741.36	39.19	Soil	10,500	0.04
08/06/2021	12:10:54	78773.09	394741.62	39.31	Soil	12,600	1.48
08/06/2021	12:10:55	78773.37	394741.65	39.29	Soil	11,340	0.62
08/06/2021	12:10:56	78773.32	394741.48	39.20	Soil	9,840	-0.41
08/06/2021	12:10:57	78773.41	394741.68	39.32	Soil	12,120	1.15
08/06/2021	12:10:58	78773.51	394741.76	39.23	Soil	10,800	0.25
08/06/2021	12:10:59	78773.57	394741.68	39.32	Soil	9,840	-0.41
08/06/2021	12:11:00	78773.76	394741.70	39.10	Soil	11,220	0.54
08/06/2021	12:11:01	78773.74	394741.50	39.17	Soil	12,000	1.07
08/06/2021	12:11:02	78773.81	394741.66	39.15	Soil	10,500	0.04
08/06/2021	12:11:03	78773.89	394741.75	39.10	Soil	11,640	0.82
08/06/2021	12:11:04	78773.70	394741.17	39.01	Soil	11,640	0.82
08/06/2021	12:11:05	78773.86	394741.34	38.95	Soil	10,920	0.33
08/06/2021	12:11:06	78774.23	394741.66	39.02	Soil	10,320	-0.08
08/06/2021	12:11:07	78774.25	394741.21	38.90	Soil	11,880	0.99
08/06/2021	12:11:08	78774.01	394740.80	38.82	Soil	9,780	-0.45
08/06/2021	12:11:09	78774.15	394740.81	38.84	Soil	9,660	-0.53
08/06/2021	12:11:10	78774.44	394741.34	38.89	Soil	10,980	0.37
08/06/2021	12:11:11	78774.43	394741.33	38.82	Soil	10,860	0.29
08/06/2021	12:11:12	78774.25	394740.77	38.78	Soil	12,600	1.48
08/06/2021	12:11:13	78774.25	394740.78	38.75	Soil	10,800	0.25
08/06/2021	12:11:14	78774.23	394740.99	38.80	Soil	10,200	-0.16
08/06/2021	12:11:15	78774.28	394741.23	38.88	Soil	12,240	1.23
08/06/2021	12:11:16	78774.56	394741.47	38.87	Soil	10,500	0.04
08/06/2021	12:11:17	78774.56	394741.24	38.72	Soil	10,560	0.09
08/06/2021	12:11:18	78774.48	394740.75	38.59	Soil	10,920	0.33
08/06/2021	12:11:19	78774.53	394740.55	38.62	Soil	10,680	0.17
08/06/2021	12:11:20	78774.68	394740.70	38.37	Soil	10,320	-0.08
08/06/2021	12:11:21	78774.87	394740.90	38.43	Soil	10,860	0.29
08/06/2021	12:11:23	78775.00	394741.40	38.54	Soil	10,500	0.04
08/06/2021	12:11:24	78774.85	394741.10	38.56	Soil	10,500	0.04

SU 7B GWS RESULTS

08/06/2021	12:11:25	78775.18	394741.10	38.50	Soil	11,340	0.62
08/06/2021	12:11:26	78775.14	394740.72	38.41	Soil	11,100	0.45
08/06/2021	12:11:27	78775.03	394740.49	38.35	Soil	12,120	1.15
08/06/2021	12:11:29	78775.35	394740.67	38.27	Soil	10,500	0.04
08/06/2021	12:11:30	78775.14	394740.73	38.32	Soil	11,100	0.45
08/06/2021	12:11:31	78775.13	394740.78	38.36	Soil	10,500	0.04
08/06/2021	12:11:32	78775.39	394741.02	38.38	Soil	12,420	1.36
08/06/2021	12:11:33	78775.25	394740.85	38.41	Soil	10,920	0.33
08/06/2021	12:11:34	78775.23	394740.51	38.32	Soil	9,600	-0.57
08/06/2021	12:11:41	78776.05	394740.08	37.82	Soil	10,860	0.29
08/06/2021	12:11:42	78775.94	394739.89	37.81	Soil	10,620	0.13
08/06/2021	12:11:45	78776.09	394739.91	37.74	Soil	9,660	-0.53
08/06/2021	12:11:46	78776.13	394739.89	37.57	Soil	11,220	0.54
08/06/2021	12:11:47	78776.32	394740.16	37.60	Soil	12,060	1.11
08/06/2021	12:11:48	78776.48	394740.17	37.57	Soil	12,540	1.44
08/06/2021	12:11:49	78776.39	394740.00	37.57	Soil	10,080	-0.24
08/06/2021	12:11:50	78776.29	394739.90	37.57	Soil	10,740	0.21
08/06/2021	12:11:51	78776.50	394739.98	37.57	Soil	9,000	-0.98
08/06/2021	12:11:52	78776.57	394739.97	37.56	Soil	10,020	-0.28
08/06/2021	12:11:53	78776.45	394739.69	37.53	Soil	8,460	-1.35
08/06/2021	12:11:54	78776.55	394739.70	37.77	Soil	9,000	-0.98
08/06/2021	12:11:55	78776.79	394739.90	38.20	Soil	10,020	-0.28
08/06/2021	12:11:56	78776.65	394739.93	38.55	Soil	9,360	-0.74
08/06/2021	12:11:57	78776.61	394739.89	38.96	Soil	9,360	-0.74
08/06/2021	12:11:58	78776.71	394739.95	39.39	Soil	9,900	-0.37
08/06/2021	12:11:59	78776.65	394739.86	39.65	Soil	10,560	0.09
08/06/2021	12:12:00	78776.67	394739.73	39.81	Soil	10,320	-0.08
08/06/2021	12:12:01	78776.77	394739.72	40.06	Soil	10,200	-0.16
08/06/2021	12:12:02	78776.77	394739.76	40.03	Soil	9,660	-0.53
08/06/2021	12:12:03	78776.75	394739.76	40.11	Soil	10,860	0.29
08/06/2021	12:12:04	78776.75	394739.74	40.00	Soil	9,600	-0.57
08/06/2021	12:12:05	78776.71	394739.76	40.01	Soil	11,340	0.62
08/06/2021	12:12:06	78776.75	394739.83	39.64	Soil	11,040	0.41
08/06/2021	12:12:07	78776.73	394739.84	39.62	Soil	10,080	-0.24
08/06/2021	12:12:08	78776.66	394739.83	39.48	Soil	8,700	-1.19
08/06/2021	12:12:09	78776.64	394739.55	39.41	Soil	10,560	0.09
08/06/2021	12:12:10	78776.60	394739.57	39.33	Soil	11,700	0.87
08/06/2021	12:12:11	78776.70	394739.75	38.95	Soil	11,040	0.41
08/06/2021	12:12:12	78776.71	394739.90	38.42	Soil	10,020	-0.28
08/06/2021	12:12:13	78776.64	394740.10	38.04	Soil	10,680	0.17
08/06/2021	12:12:15	78776.42	394740.02	37.43	Soil	10,140	-0.20
08/06/2021	12:12:16	78776.26	394739.89	37.37	Soil	9,180	-0.86
08/06/2021	12:12:17	78776.23	394739.94	37.38	Soil	10,740	0.21
08/06/2021	12:12:18	78776.28	394740.08	37.36	Soil	10,140	-0.20
08/06/2021	12:12:19	78776.31	394740.05	37.34	Soil	11,820	0.95
08/06/2021	12:12:20	78776.34	394739.89	37.45	Soil	9,360	-0.74
08/06/2021	12:12:21	78776.45	394739.95	37.74	Soil	10,800	0.25
08/06/2021	12:12:22	78776.30	394740.11	37.75	Soil	9,960	-0.32
08/06/2021	12:12:23	78776.18	394739.96	37.72	Soil	10,680	0.17
08/06/2021	12:12:24	78776.38	394739.83	37.72	Soil	10,500	0.04
08/06/2021	12:12:25	78776.48	394739.99	37.67	Soil	11,220	0.54

SU 7B GWS RESULTS

08/06/2021	12:12:26	78776.30	394740.05	37.68	Soil	10,080	-0.24
08/06/2021	12:12:27	78776.37	394739.87	37.77	Soil	11,160	0.50
08/06/2021	12:12:28	78776.61	394739.89	37.81	Soil	10,080	-0.24
08/06/2021	12:12:29	78776.45	394740.07	37.79	Soil	10,440	0.00
08/06/2021	12:12:30	78776.31	394739.94	37.77	Soil	11,580	0.78
08/06/2021	12:12:53	78776.37	394739.63	37.28	Soil	11,340	0.62
08/06/2021	12:12:54	78776.28	394739.64	37.29	Soil	10,920	0.33
08/06/2021	12:12:55	78776.24	394739.62	37.29	Soil	11,760	0.91
08/06/2021	12:12:56	78776.27	394739.62	37.29	Soil	9,780	-0.45
08/06/2021	12:12:57	78776.31	394739.63	37.29	Soil	9,780	-0.45
08/06/2021	12:12:58	78776.32	394739.63	37.29	Soil	11,640	0.82
08/06/2021	12:12:59	78776.32	394739.64	37.30	Soil	11,580	0.78
08/06/2021	12:13:00	78776.34	394739.64	37.30	Soil	11,040	0.41
08/06/2021	12:13:01	78776.39	394739.65	37.31	Soil	10,500	0.04
08/06/2021	12:13:02	78776.46	394739.69	37.31	Soil	8,880	-1.06
08/06/2021	12:13:03	78776.53	394739.83	37.31	Soil	10,560	0.09
08/06/2021	12:13:04	78776.54	394739.96	37.30	Soil	10,680	0.17
08/06/2021	12:13:05	78776.38	394740.00	37.29	Soil	9,900	-0.37
08/06/2021	12:13:06	78776.21	394739.95	37.60	Soil	9,660	-0.53
08/06/2021	12:13:07	78775.97	394739.76	37.54	Soil	10,020	-0.28
08/06/2021	12:13:08	78775.88	394739.42	37.53	Soil	11,820	0.95
08/06/2021	12:13:09	78775.95	394739.28	37.61	Soil	12,480	1.40
08/06/2021	12:13:10	78775.92	394739.45	37.50	Soil	11,160	0.50
08/06/2021	12:13:11	78775.91	394739.56	37.77	Soil	12,300	1.28
08/06/2021	12:13:12	78776.13	394739.48	37.89	Soil	11,460	0.70
08/06/2021	12:13:13	78776.34	394739.51	37.89	Soil	9,840	-0.41
08/06/2021	12:13:14	78776.36	394739.65	37.91	Soil	11,400	0.66
08/06/2021	12:13:15	78776.44	394739.45	37.92	Soil	11,400	0.66
08/06/2021	12:13:16	78776.46	394739.11	37.96	Soil	10,380	-0.04
08/06/2021	12:13:17	78776.23	394739.12	37.94	Soil	9,900	-0.37
08/06/2021	12:13:18	78776.10	394739.27	37.94	Soil	9,660	-0.53
08/06/2021	12:13:19	78776.27	394739.14	37.94	Soil	9,840	-0.41
08/06/2021	12:13:20	78776.42	394739.02	37.95	Soil	10,920	0.33
08/06/2021	12:13:21	78776.43	394739.20	37.94	Soil	10,140	-0.20
08/06/2021	12:13:22	78776.55	394739.32	37.95	Soil	10,680	0.17
08/06/2021	12:13:23	78776.70	394739.28	37.96	Soil	10,620	0.13
08/06/2021	12:13:24	78776.59	394739.37	37.93	Soil	12,180	1.19
08/06/2021	12:13:25	78776.51	394739.46	37.93	Soil	11,100	0.45
08/06/2021	12:13:26	78776.66	394739.36	37.91	Soil	8,160	-1.56
08/06/2021	12:13:27	78776.78	394739.24	37.89	Soil	10,380	-0.04
08/06/2021	12:13:28	78776.79	394739.26	37.89	Soil	10,200	-0.16
08/06/2021	12:13:29	78776.97	394739.16	37.89	Soil	8,880	-1.06
08/06/2021	12:13:30	78777.16	394738.90	37.91	Soil	10,140	-0.20
08/06/2021	12:13:31	78777.17	394738.79	37.90	Soil	10,680	0.17
08/06/2021	12:13:32	78777.12	394738.79	37.92	Soil	11,340	0.62
08/06/2021	12:13:33	78777.13	394738.73	37.92	Soil	9,780	-0.45
08/06/2021	12:13:34	78777.10	394738.72	37.91	Soil	10,620	0.13
08/06/2021	12:13:35	78776.95	394738.88	37.80	Soil	9,480	-0.65
08/06/2021	12:13:36	78776.85	394739.00	37.40	Soil	10,080	-0.24
08/06/2021	12:13:37	78776.85	394738.90	37.37	Soil	10,380	-0.04
08/06/2021	12:13:38	78776.86	394738.96	37.34	Soil	10,440	0.00

SU 7B GWS RESULTS

08/06/2021	12:13:39	78776.69	394739.24	37.33	Soil	9,720	-0.49
08/06/2021	12:13:40	78776.42	394739.28	37.31	Soil	11,160	0.50
08/06/2021	12:13:41	78776.35	394739.03	37.30	Soil	10,500	0.04
08/06/2021	12:13:42	78776.51	394738.93	37.15	Soil	11,760	0.91
08/06/2021	12:13:43	78776.58	394739.01	37.11	Soil	10,920	0.33
08/06/2021	12:13:44	78776.46	394738.94	37.13	Soil	10,140	-0.20
08/06/2021	12:13:45	78776.42	394738.92	37.12	Soil	11,940	1.03
08/06/2021	12:13:46	78776.52	394739.16	37.07	Soil	10,980	0.37
08/06/2021	12:13:47	78776.48	394739.39	37.06	Soil	9,060	-0.94
08/06/2021	12:13:48	78776.41	394739.35	37.17	Soil	10,800	0.25
08/06/2021	12:13:49	78776.45	394739.38	37.11	Soil	10,980	0.37
08/06/2021	12:13:50	78776.65	394739.41	36.97	Soil	10,680	0.17
08/06/2021	12:13:51	78776.63	394739.38	37.06	Soil	8,160	-1.56
08/06/2021	12:13:52	78776.48	394739.23	37.12	Soil	9,840	-0.41
08/06/2021	12:13:53	78776.44	394739.05	36.99	Soil	11,400	0.66
08/06/2021	12:13:54	78776.41	394739.41	37.06	Soil	10,140	-0.20
08/06/2021	12:13:55	78776.27	394739.48	37.06	Soil	9,840	-0.41
08/06/2021	12:13:56	78776.46	394738.99	37.08	Soil	9,960	-0.32
08/06/2021	12:13:57	78776.61	394739.15	37.03	Soil	10,260	-0.12
08/06/2021	12:13:58	78776.43	394739.49	37.17	Soil	11,280	0.58
08/06/2021	12:13:59	78776.35	394739.38	37.11	Soil	9,420	-0.69
08/06/2021	12:14:00	78776.29	394739.33	37.17	Soil	10,380	-0.04
08/06/2021	12:14:01	78776.27	394739.34	37.13	Soil	9,180	-0.86
08/06/2021	12:14:02	78776.27	394739.68	37.23	Soil	10,260	-0.12
08/06/2021	12:14:03	78776.15	394739.93	37.38	Soil	9,960	-0.32
08/06/2021	12:14:04	78776.02	394739.57	37.33	Soil	11,400	0.66
08/06/2021	12:14:05	78775.93	394739.39	37.19	Soil	11,100	0.45
08/06/2021	12:14:06	78776.13	394739.59	37.18	Soil	10,200	-0.16
08/06/2021	12:14:07	78776.23	394739.73	37.38	Soil	10,500	0.04
08/06/2021	12:14:08	78776.09	394739.88	37.40	Soil	10,980	0.37
08/06/2021	12:14:09	78776.14	394739.52	37.43	Soil	11,940	1.03
08/06/2021	12:14:10	78775.89	394739.32	37.46	Soil	11,100	0.45
08/06/2021	12:14:13	78775.88	394739.49	37.39	Soil	10,620	0.13
08/06/2021	12:14:14	78775.69	394739.74	37.45	Soil	11,400	0.66
08/06/2021	12:14:16	78775.61	394739.53	37.64	Soil	11,460	0.70
08/06/2021	12:14:17	78775.40	394739.18	37.66	Soil	11,040	0.41
08/06/2021	12:14:18	78775.47	394739.71	37.66	Soil	12,660	1.52
08/06/2021	12:14:20	78775.33	394739.57	37.71	Soil	10,920	0.33
08/06/2021	12:14:24	78775.21	394739.57	37.55	Soil	10,620	0.13
08/06/2021	12:14:25	78775.24	394739.56	37.71	Soil	9,300	-0.78
08/06/2021	12:14:30	78774.79	394739.62	37.82	Soil	10,380	-0.04
08/06/2021	12:14:31	78774.97	394739.41	37.85	Soil	10,740	0.21
08/06/2021	12:14:34	78774.85	394739.45	38.09	Soil	10,020	-0.28
08/06/2021	12:14:35	78774.94	394739.57	38.11	Soil	9,360	-0.74
08/06/2021	12:14:37	78774.60	394740.06	38.14	Soil	11,400	0.66
08/06/2021	12:14:38	78774.68	394739.56	38.16	Soil	9,840	-0.41
08/06/2021	12:14:39	78774.75	394739.81	38.28	Soil	11,520	0.74
08/06/2021	12:14:40	78774.54	394739.96	38.25	Soil	11,040	0.41
08/06/2021	12:14:41	78774.28	394739.66	38.27	Soil	10,860	0.29
08/06/2021	12:14:42	78774.35	394739.83	38.24	Soil	9,420	-0.69
08/06/2021	12:14:43	78774.54	394740.32	38.40	Soil	8,580	-1.27

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08/06/2021	12:14:44	78774.32	394740.16	38.39	Soil	9,840	-0.41
08/06/2021	12:14:45	78774.33	394739.60	38.33	Soil	10,800	0.25
08/06/2021	12:14:46	78774.20	394739.88	38.38	Soil	9,480	-0.65
08/06/2021	12:14:47	78774.18	394740.10	38.36	Soil	10,140	-0.20
08/06/2021	12:14:48	78773.99	394739.75	38.41	Soil	9,120	-0.90
08/06/2021	12:14:49	78774.07	394739.88	38.34	Soil	9,900	-0.37
08/06/2021	12:14:50	78774.21	394740.35	38.43	Soil	10,140	-0.20
08/06/2021	12:14:51	78774.04	394740.63	38.48	Soil	11,520	0.74
08/06/2021	12:14:52	78773.84	394740.07	38.43	Soil	11,580	0.78
08/06/2021	12:14:53	78773.65	394739.75	38.41	Soil	9,780	-0.45
08/06/2021	12:14:54	78773.94	394740.17	38.44	Soil	10,620	0.13
08/06/2021	12:14:55	78773.94	394740.19	38.43	Soil	10,140	-0.20
08/06/2021	12:14:56	78773.50	394739.85	38.47	Soil	9,480	-0.65
08/06/2021	12:14:57	78773.54	394739.98	38.38	Soil	9,000	-0.98
08/06/2021	12:14:58	78773.86	394740.51	38.59	Soil	9,180	-0.86
08/06/2021	12:14:59	78773.61	394740.45	38.41	Soil	10,260	-0.12
08/06/2021	12:15:00	78773.38	394739.70	38.46	Soil	10,260	-0.12
08/06/2021	12:15:01	78773.70	394739.97	38.50	Soil	10,680	0.17
08/06/2021	12:15:02	78773.34	394740.28	38.46	Soil	11,640	0.82
08/06/2021	12:15:03	78773.47	394740.25	38.53	Soil	11,400	0.66
08/06/2021	12:15:04	78773.37	394740.34	38.46	Soil	10,260	-0.12
08/06/2021	12:15:05	78773.26	394740.45	38.47	Soil	10,020	-0.28
08/06/2021	12:15:06	78773.47	394740.42	38.51	Soil	10,320	-0.08
08/06/2021	12:15:07	78773.65	394740.26	38.49	Soil	12,120	1.15
08/06/2021	12:15:08	78773.71	394740.43	38.49	Soil	11,700	0.87
08/06/2021	12:15:09	78773.63	394740.51	38.49	Soil	10,860	0.29
08/06/2021	12:15:10	78773.54	394739.98	38.51	Soil	9,780	-0.45
08/06/2021	12:15:11	78773.24	394740.10	38.42	Soil	9,240	-0.82
08/06/2021	12:15:12	78773.44	394740.64	38.61	Soil	9,480	-0.65
08/06/2021	12:15:13	78773.36	394740.00	38.45	Soil	12,480	1.40
08/06/2021	12:15:14	78773.19	394740.02	38.45	Soil	11,160	0.50
08/06/2021	12:15:15	78773.20	394740.66	38.64	Soil	12,480	1.40
08/06/2021	12:15:16	78773.18	394740.49	38.57	Soil	10,020	-0.28
08/06/2021	12:15:17	78773.16	394739.90	38.63	Soil	10,800	0.25
08/06/2021	12:15:18	78773.06	394740.29	38.62	Soil	11,580	0.78
08/06/2021	12:15:19	78773.16	394740.84	38.71	Soil	11,640	0.82
08/06/2021	12:15:20	78773.28	394740.64	38.70	Soil	10,140	-0.20
08/06/2021	12:15:21	78773.08	394740.24	38.71	Soil	10,020	-0.28
08/06/2021	12:15:22	78772.97	394740.75	38.77	Soil	11,880	0.99
08/06/2021	12:15:23	78773.07	394740.53	38.79	Soil	11,460	0.70
08/06/2021	12:15:24	78772.75	394740.31	38.90	Soil	11,580	0.78
08/06/2021	12:15:25	78772.63	394740.70	38.80	Soil	12,120	1.15
08/06/2021	12:15:26	78772.60	394740.47	38.82	Soil	12,360	1.32
08/06/2021	12:15:27	78772.65	394739.92	38.88	Soil	9,960	-0.32
08/06/2021	12:15:28	78772.51	394740.06	38.86	Soil	9,900	-0.37
08/06/2021	12:15:33	78772.50	394740.00	38.99	Soil	12,240	1.23
08/06/2021	12:15:57	78772.57	394740.05	39.47	Soil	11,220	0.54
08/06/2021	12:15:58	78772.47	394739.68	39.58	Soil	13,680	2.22
08/06/2021	12:16:04	78772.50	394739.74	39.23	Soil	11,040	0.41
08/06/2021	12:16:05	78772.60	394739.54	39.30	Soil	11,940	1.03
08/06/2021	12:16:06	78772.76	394739.27	39.27	Soil	11,820	0.95

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08/06/2021	12:16:07	78772.99	394739.56	39.33	Soil	9,960	-0.32
08/06/2021	12:16:08	78772.85	394739.85	39.28	Soil	12,000	1.07
08/06/2021	12:16:09	78772.73	394739.39	39.29	Soil	11,580	0.78
08/06/2021	12:16:10	78772.72	394739.39	39.16	Soil	12,120	1.15
08/06/2021	12:16:11	78773.01	394739.97	39.12	Soil	11,100	0.45
08/06/2021	12:16:12	78772.99	394739.76	38.98	Soil	12,420	1.36
08/06/2021	12:16:13	78772.97	394739.41	39.02	Soil	10,980	0.37
08/06/2021	12:16:14	78772.99	394739.54	39.01	Soil	11,040	0.41
08/06/2021	12:16:15	78772.98	394739.80	38.99	Soil	12,480	1.40
08/06/2021	12:16:16	78773.05	394739.61	38.98	Soil	10,320	-0.08
08/06/2021	12:16:17	78772.99	394739.39	38.92	Soil	10,020	-0.28
08/06/2021	12:16:18	78773.26	394739.49	38.86	Soil	11,940	1.03
08/06/2021	12:16:19	78773.45	394739.81	38.99	Soil	11,160	0.50
08/06/2021	12:16:20	78773.41	394739.83	39.04	Soil	12,360	1.32
08/06/2021	12:16:21	78773.29	394739.45	39.07	Soil	10,200	-0.16
08/06/2021	12:16:22	78773.23	394739.41	39.00	Soil	11,640	0.82
08/06/2021	12:16:23	78773.45	394739.82	39.01	Soil	12,000	1.07
08/06/2021	12:16:24	78773.50	394739.59	38.94	Soil	10,800	0.25
08/06/2021	12:16:25	78773.16	394739.32	39.03	Soil	11,640	0.82
08/06/2021	12:16:26	78773.10	394739.71	39.03	Soil	11,100	0.45
08/06/2021	12:16:27	78773.32	394739.92	39.05	Soil	11,160	0.50
08/06/2021	12:16:28	78773.26	394739.56	38.88	Soil	10,680	0.17
08/06/2021	12:16:29	78773.44	394739.44	38.85	Soil	12,120	1.15
08/06/2021	12:16:30	78773.48	394739.78	38.82	Soil	12,300	1.28
08/06/2021	12:16:31	78773.59	394739.45	38.79	Soil	10,560	0.09
08/06/2021	12:16:32	78773.58	394739.34	38.68	Soil	9,120	-0.90
08/06/2021	12:16:33	78773.58	394739.51	38.64	Soil	10,740	0.21
08/06/2021	12:16:34	78773.81	394739.65	38.62	Soil	10,440	0.00
08/06/2021	12:16:35	78773.86	394739.67	38.61	Soil	9,900	-0.37
08/06/2021	12:16:36	78773.88	394739.73	38.62	Soil	9,960	-0.32
08/06/2021	12:16:37	78773.90	394739.66	38.61	Soil	10,200	-0.16
08/06/2021	12:16:38	78773.95	394739.56	38.53	Soil	11,580	0.78
08/06/2021	12:16:39	78774.04	394739.74	38.53	Soil	10,260	-0.12
08/06/2021	12:16:40	78773.96	394739.79	38.46	Soil	10,380	-0.04
08/06/2021	12:16:41	78773.74	394739.49	38.64	Soil	9,540	-0.61
08/06/2021	12:16:42	78773.66	394739.58	38.45	Soil	9,600	-0.57
08/06/2021	12:16:43	78773.69	394740.00	38.16	Soil	10,740	0.21
08/06/2021	12:16:44	78773.89	394739.79	38.41	Soil	10,260	-0.12
08/06/2021	12:16:45	78774.05	394739.59	38.40	Soil	10,080	-0.24
08/06/2021	12:16:46	78773.99	394739.54	38.32	Soil	9,660	-0.53
08/06/2021	12:16:47	78774.05	394739.75	38.36	Soil	8,520	-1.31
08/06/2021	12:16:48	78774.10	394739.83	38.29	Soil	11,340	0.62
08/06/2021	12:16:49	78773.88	394739.14	38.28	Soil	11,340	0.62
08/06/2021	12:16:50	78774.06	394738.88	38.25	Soil	8,820	-1.10
08/06/2021	12:16:51	78774.24	394739.09	38.31	Soil	9,720	-0.49
08/06/2021	12:16:52	78774.05	394738.92	38.41	Soil	9,240	-0.82
08/06/2021	12:16:53	78774.26	394739.06	38.24	Soil	11,820	0.95
08/06/2021	12:16:54	78774.30	394739.26	38.15	Soil	10,020	-0.28
08/06/2021	12:16:55	78774.16	394739.44	38.23	Soil	8,880	-1.06
08/06/2021	12:16:56	78774.24	394739.33	38.20	Soil	9,000	-0.98
08/06/2021	12:16:57	78774.26	394739.54	38.21	Soil	9,000	-0.98

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08/06/2021	12:16:58	78774.31	394739.50	38.18	Soil	9,840	-0.41
08/06/2021	12:16:59	78774.27	394739.08	38.24	Soil	8,940	-1.02
08/06/2021	12:17:00	78774.20	394739.20	38.19	Soil	11,700	0.87
08/06/2021	12:17:01	78774.29	394739.54	38.05	Soil	8,100	-1.60
08/06/2021	12:17:02	78774.40	394739.18	38.13	Soil	9,660	-0.53
08/06/2021	12:17:03	78774.37	394738.88	38.21	Soil	9,060	-0.94
08/06/2021	12:17:04	78774.40	394739.26	38.13	Soil	10,080	-0.24
08/06/2021	12:17:05	78774.48	394739.43	38.00	Soil	8,580	-1.27
08/06/2021	12:17:06	78774.50	394739.02	38.05	Soil	10,440	0.00
08/06/2021	12:17:07	78774.55	394738.89	38.11	Soil	10,440	0.00
08/06/2021	12:17:08	78774.60	394739.27	38.06	Soil	10,200	-0.16
08/06/2021	12:17:09	78774.60	394739.48	37.94	Soil	10,320	-0.08
08/06/2021	12:17:10	78774.50	394739.17	37.97	Soil	9,900	-0.37
08/06/2021	12:17:11	78774.68	394739.00	38.01	Soil	9,000	-0.98
08/06/2021	12:17:12	78774.96	394739.27	38.00	Soil	9,720	-0.49
08/06/2021	12:17:13	78774.96	394739.03	38.05	Soil	10,200	-0.16
08/06/2021	12:17:14	78774.72	394738.48	38.06	Soil	10,380	-0.04
08/06/2021	12:17:15	78774.82	394738.71	37.97	Soil	9,420	-0.69
08/06/2021	12:17:16	78775.13	394739.04	38.02	Soil	8,280	-1.47
08/06/2021	12:17:17	78775.12	394738.77	38.01	Soil	10,560	0.09
08/06/2021	12:17:18	78774.88	394738.64	38.02	Soil	9,960	-0.32
08/06/2021	12:17:19	78774.80	394738.72	38.04	Soil	10,380	-0.04
08/06/2021	12:17:20	78774.71	394738.58	38.06	Soil	10,500	0.04
08/06/2021	12:17:21	78774.83	394738.75	37.99	Soil	10,020	-0.28
08/06/2021	12:17:22	78775.10	394739.25	37.89	Soil	10,620	0.13
08/06/2021	12:17:23	78775.05	394738.92	37.87	Soil	10,980	0.37
08/06/2021	12:17:24	78775.03	394738.21	38.00	Soil	9,660	-0.53
08/06/2021	12:17:25	78775.27	394738.42	37.81	Soil	9,540	-0.61
08/06/2021	12:17:26	78775.36	394738.79	37.74	Soil	11,280	0.58
08/06/2021	12:17:27	78775.41	394738.62	37.75	Soil	10,320	-0.08
08/06/2021	12:17:28	78775.29	394738.30	37.81	Soil	11,040	0.41
08/06/2021	12:17:29	78775.40	394738.31	37.71	Soil	10,980	0.37
08/06/2021	12:17:30	78775.55	394738.84	37.72	Soil	11,280	0.58
08/06/2021	12:17:31	78775.36	394739.04	37.67	Soil	12,120	1.15
08/06/2021	12:17:32	78775.56	394738.84	37.78	Soil	10,860	0.29
08/06/2021	12:17:33	78775.71	394738.51	37.64	Soil	12,360	1.32
08/06/2021	12:17:34	78775.40	394738.54	37.65	Soil	10,320	-0.08
08/06/2021	12:17:35	78775.23	394738.67	37.65	Soil	12,600	1.48
08/06/2021	12:17:36	78775.26	394738.61	37.65	Soil	11,940	1.03
08/06/2021	12:17:37	78775.25	394738.56	37.63	Soil	11,400	0.66
08/06/2021	12:17:38	78775.30	394738.58	37.70	Soil	12,240	1.23
08/06/2021	12:17:39	78775.41	394738.58	37.71	Soil	12,480	1.40
08/06/2021	12:17:40	78775.51	394738.53	37.71	Soil	12,900	1.69
08/06/2021	12:17:41	78775.52	394738.50	37.69	Soil	12,240	1.23
08/06/2021	12:17:42	78775.51	394738.44	37.64	Soil	10,500	0.04
08/06/2021	12:17:43	78775.50	394738.39	37.61	Soil	12,420	1.36
08/06/2021	12:17:44	78775.48	394738.36	37.57	Soil	9,960	-0.32
08/06/2021	12:17:45	78775.46	394738.44	37.73	Soil	11,520	0.74
08/06/2021	12:17:46	78775.39	394738.31	37.73	Soil	10,740	0.21
08/06/2021	12:17:47	78775.42	394738.36	37.54	Soil	10,500	0.04
08/06/2021	12:17:48	78775.73	394738.79	37.65	Soil	12,120	1.15

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08/06/2021	12:17:49	78775.92	394739.03	37.70	Soil	12,180	1.19
08/06/2021	12:17:50	78775.83	394738.55	37.72	Soil	12,180	1.19
08/06/2021	12:17:51	78775.58	394738.17	37.63	Soil	12,360	1.32
08/06/2021	12:17:52	78775.79	394738.37	37.59	Soil	9,840	-0.41
08/06/2021	12:17:53	78775.93	394738.73	37.61	Soil	11,460	0.70
08/06/2021	12:17:54	78775.74	394738.46	37.56	Soil	12,060	1.11
08/06/2021	12:19:03	78775.44	394738.78	37.41	Soil	13,380	2.01
08/06/2021	12:19:04	78775.45	394738.76	37.42	Soil	13,020	1.77
08/06/2021	12:19:05	78775.35	394738.95	37.39	Soil	13,500	2.10
08/06/2021	12:19:06	78775.53	394739.15	37.39	Soil	14,400	2.71
08/06/2021	12:19:07	78775.88	394739.03	37.25	Soil	12,720	1.56
08/06/2021	12:19:08	78776.13	394738.99	37.13	Soil	12,600	1.48
08/06/2021	12:19:09	78775.95	394739.01	37.28	Soil	12,300	1.28
08/06/2021	12:19:10	78775.69	394738.82	37.33	Soil	11,340	0.62
08/06/2021	12:19:11	78775.76	394738.63	37.30	Soil	12,120	1.15
08/06/2021	12:19:12	78776.01	394738.64	37.30	Soil	12,840	1.65
08/06/2021	12:19:13	78776.16	394738.74	37.25	Soil	11,220	0.54
08/06/2021	12:19:14	78776.02	394738.60	37.32	Soil	13,440	2.06
08/06/2021	12:19:15	78775.92	394738.63	37.24	Soil	11,640	0.82
08/06/2021	12:19:16	78776.10	394738.81	37.09	Soil	12,120	1.15
08/06/2021	12:19:17	78776.13	394738.54	37.02	Soil	10,080	-0.24
08/06/2021	12:19:18	78775.96	394738.47	37.01	Soil	10,860	0.29
08/06/2021	12:19:19	78776.22	394738.78	36.98	Soil	9,780	-0.45
08/06/2021	12:19:20	78776.55	394738.68	36.91	Soil	11,460	0.70
08/06/2021	12:19:21	78776.29	394738.29	37.09	Soil	10,440	0.00
08/06/2021	12:19:22	78776.15	394738.51	36.98	Soil	9,720	-0.49
08/06/2021	12:19:23	78776.28	394739.00	37.11	Soil	11,100	0.45
08/06/2021	12:19:24	78776.18	394738.91	37.11	Soil	13,380	2.01
08/06/2021	12:19:25	78775.98	394738.62	37.11	Soil	12,000	1.07
08/06/2021	12:19:26	78776.11	394738.81	37.07	Soil	11,520	0.74
08/06/2021	12:19:27	78776.47	394738.80	36.97	Soil	11,700	0.87
08/06/2021	12:19:28	78776.65	394738.34	36.75	Soil	9,840	-0.41
08/06/2021	12:19:29	78776.54	394738.39	36.75	Soil	8,760	-1.15
08/06/2021	12:19:30	78776.44	394738.76	36.77	Soil	9,660	-0.53
08/06/2021	12:19:31	78776.56	394738.46	36.72	Soil	11,340	0.62
08/06/2021	12:19:32	78776.68	394737.78	36.73	Soil	9,360	-0.74
08/06/2021	12:19:33	78776.81	394738.07	36.73	Soil	9,180	-0.86
08/06/2021	12:19:34	78776.81	394738.46	36.67	Soil	9,780	-0.45
08/06/2021	12:19:35	78776.63	394738.26	36.60	Soil	11,160	0.50
08/06/2021	12:19:36	78776.76	394737.97	36.64	Soil	10,920	0.33
08/06/2021	12:19:37	78776.91	394738.12	36.65	Soil	10,860	0.29
08/06/2021	12:19:38	78776.75	394738.32	36.62	Soil	11,340	0.62
08/06/2021	12:19:39	78776.62	394737.89	36.56	Soil	10,260	-0.12
08/06/2021	12:19:40	78776.68	394737.72	36.53	Soil	10,020	-0.28
08/06/2021	12:19:41	78776.82	394738.13	36.55	Soil	10,860	0.29
08/06/2021	12:19:42	78776.68	394738.02	36.51	Soil	9,360	-0.74
08/06/2021	12:19:43	78776.59	394737.73	36.61	Soil	9,720	-0.49
08/06/2021	12:19:44	78776.68	394737.81	36.61	Soil	10,860	0.29
08/06/2021	12:19:45	78776.48	394737.93	36.62	Soil	11,280	0.58
08/06/2021	12:19:46	78776.44	394737.58	36.69	Soil	9,720	-0.49
08/06/2021	12:19:47	78776.58	394737.28	36.72	Soil	9,900	-0.37

SU 7B GWS RESULTS

08/06/2021	12:19:48	78776.60	394737.47	36.83	Soil	10,200	-0.16
08/06/2021	12:19:49	78776.56	394737.84	36.86	Soil	9,540	-0.61
08/06/2021	12:19:50	78776.60	394737.62	36.84	Soil	9,300	-0.78
08/06/2021	12:19:51	78776.59	394737.37	36.78	Soil	10,740	0.21
08/06/2021	12:19:52	78776.30	394737.81	36.93	Soil	11,100	0.45
08/06/2021	12:19:53	78776.10	394737.86	36.86	Soil	8,820	-1.10
08/06/2021	12:19:54	78776.33	394737.22	36.85	Soil	9,480	-0.65
08/06/2021	12:19:55	78776.52	394737.38	36.88	Soil	11,580	0.78
08/06/2021	12:19:56	78776.30	394738.23	37.04	Soil	9,960	-0.32
08/06/2021	12:19:57	78776.07	394738.02	36.89	Soil	10,980	0.37
08/06/2021	12:19:58	78775.99	394737.40	36.87	Soil	9,840	-0.41
08/06/2021	12:19:59	78776.02	394737.72	37.01	Soil	10,560	0.09
08/06/2021	12:20:00	78776.05	394738.01	37.01	Soil	10,020	-0.28
08/06/2021	12:20:01	78776.13	394737.64	37.01	Soil	10,500	0.04
08/06/2021	12:20:02	78776.12	394737.53	37.06	Soil	9,720	-0.49
08/06/2021	12:20:03	78775.83	394737.99	37.15	Soil	10,380	-0.04
08/06/2021	12:20:04	78775.69	394737.83	37.05	Soil	11,100	0.45
08/06/2021	12:20:05	78775.78	394737.33	36.95	Soil	9,660	-0.53
08/06/2021	12:20:06	78775.82	394737.75	37.02	Soil	9,660	-0.53
08/06/2021	12:20:07	78775.76	394738.38	37.14	Soil	10,680	0.17
08/06/2021	12:20:08	78775.66	394737.80	37.01	Soil	11,460	0.70
08/06/2021	12:20:09	78775.67	394737.34	37.03	Soil	9,420	-0.69
08/06/2021	12:20:10	78775.61	394737.92	37.19	Soil	9,180	-0.86
08/06/2021	12:20:11	78775.52	394738.21	37.16	Soil	11,340	0.62
08/06/2021	12:20:12	78775.58	394737.61	37.04	Soil	10,440	0.00
08/06/2021	12:20:13	78775.59	394737.61	37.11	Soil	8,640	-1.23
08/06/2021	12:20:14	78775.49	394738.23	37.22	Soil	11,640	0.82
08/06/2021	12:20:15	78775.44	394737.82	37.23	Soil	12,600	1.48
08/06/2021	12:20:16	78775.43	394737.19	37.18	Soil	10,680	0.17
08/06/2021	12:20:17	78775.49	394737.78	37.24	Soil	10,380	-0.04
08/06/2021	12:20:18	78775.46	394738.28	37.22	Soil	10,380	-0.04
08/06/2021	12:20:19	78775.38	394737.66	37.19	Soil	10,380	-0.04
08/06/2021	12:20:20	78775.45	394737.35	37.28	Soil	10,380	-0.04
08/06/2021	12:20:21	78775.37	394737.84	37.33	Soil	11,280	0.58
08/06/2021	12:20:22	78775.27	394737.99	37.36	Soil	11,700	0.87
08/06/2021	12:20:23	78775.23	394737.97	37.44	Soil	11,100	0.45
08/06/2021	12:20:24	78775.16	394738.03	37.54	Soil	9,720	-0.49
08/06/2021	12:20:25	78775.15	394737.98	37.77	Soil	11,460	0.70
08/06/2021	12:20:26	78775.32	394737.92	37.75	Soil	10,620	0.13
08/06/2021	12:20:27	78775.38	394737.98	37.62	Soil	10,740	0.21
08/06/2021	12:20:28	78775.31	394738.04	38.14	Soil	11,220	0.54
08/06/2021	12:20:29	78775.26	394737.92	38.48	Soil	10,920	0.33
08/06/2021	12:20:30	78775.11	394737.94	38.90	Soil	9,960	-0.32
08/06/2021	12:20:31	78775.07	394738.08	39.31	Soil	11,220	0.54
08/06/2021	12:20:32	78775.22	394737.94	39.70	Soil	10,320	-0.08
08/06/2021	12:20:33	78775.23	394737.93	39.91	Soil	11,400	0.66
08/06/2021	12:20:34	78775.16	394738.04	40.16	Soil	10,500	0.04
08/06/2021	12:20:35	78775.12	394738.03	40.19	Soil	9,840	-0.41
08/06/2021	12:20:36	78775.12	394738.03	40.19	Soil	9,120	-0.90
08/06/2021	12:20:37	78775.11	394738.08	40.18	Soil	10,320	-0.08
08/06/2021	12:20:38	78775.09	394738.19	39.99	Soil	10,500	0.04

SU 7B GWS RESULTS

08/06/2021	12:20:39	78774.98	394738.11	39.87	Soil	10,920	0.33
08/06/2021	12:20:40	78774.84	394738.01	39.73	Soil	11,040	0.41
08/06/2021	12:20:41	78774.93	394737.94	39.76	Soil	11,220	0.54
08/06/2021	12:20:42	78775.00	394738.00	39.39	Soil	9,600	-0.57
08/06/2021	12:20:43	78774.88	394738.26	38.37	Soil	10,200	-0.16
08/06/2021	12:20:44	78774.86	394738.29	38.04	Soil	9,960	-0.32
08/06/2021	12:20:45	78774.88	394738.26	37.79	Soil	9,660	-0.53
08/06/2021	12:20:46	78774.78	394738.31	37.91	Soil	8,640	-1.23
08/06/2021	12:20:47	78774.69	394738.53	37.77	Soil	10,380	-0.04
08/06/2021	12:20:48	78774.66	394738.55	37.81	Soil	9,120	-0.90
08/06/2021	12:20:49	78774.61	394738.51	37.79	Soil	10,020	-0.28
08/06/2021	12:20:50	78774.56	394738.52	37.79	Soil	8,940	-1.02
08/06/2021	12:20:51	78774.51	394738.50	37.77	Soil	8,160	-1.56
08/06/2021	12:20:52	78774.45	394738.48	37.77	Soil	9,960	-0.32
08/06/2021	12:20:53	78774.49	394738.42	37.78	Soil	10,560	0.09
08/06/2021	12:20:54	78774.49	394738.43	37.88	Soil	9,360	-0.74
08/06/2021	12:20:55	78774.47	394738.47	37.97	Soil	8,760	-1.15
08/06/2021	12:20:56	78774.52	394738.13	37.93	Soil	8,880	-1.06
08/06/2021	12:20:57	78774.37	394737.90	37.99	Soil	7,920	-1.72
08/06/2021	12:20:58	78774.20	394738.27	38.08	Soil	9,540	-0.61
08/06/2021	12:20:59	78774.25	394738.22	37.89	Soil	9,300	-0.78
08/06/2021	12:21:00	78774.25	394737.76	38.01	Soil	8,700	-1.19
08/06/2021	12:21:01	78774.09	394737.89	38.07	Soil	9,900	-0.37
08/06/2021	12:21:02	78774.02	394738.34	38.20	Soil	9,900	-0.37
08/06/2021	12:21:03	78774.07	394738.34	38.14	Soil	9,060	-0.94
08/06/2021	12:21:04	78774.06	394738.26	38.23	Soil	11,760	0.91
08/06/2021	12:21:05	78773.91	394738.60	38.25	Soil	11,640	0.82
08/06/2021	12:21:06	78773.81	394738.81	38.24	Soil	9,720	-0.49
08/06/2021	12:21:07	78773.81	394738.42	38.28	Soil	10,260	-0.12
08/06/2021	12:21:08	78773.95	394738.11	38.10	Soil	10,200	-0.16
08/06/2021	12:21:09	78773.99	394738.30	38.28	Soil	10,980	0.37
08/06/2021	12:21:10	78773.91	394738.33	38.27	Soil	10,920	0.33
08/06/2021	12:21:11	78773.84	394737.92	38.26	Soil	10,740	0.21
08/06/2021	12:21:12	78773.73	394737.98	38.31	Soil	9,660	-0.53
08/06/2021	12:21:13	78773.56	394738.50	38.28	Soil	11,760	0.91
08/06/2021	12:21:14	78773.54	394738.37	38.29	Soil	9,060	-0.94
08/06/2021	12:21:15	78773.69	394738.03	38.33	Soil	9,300	-0.78
08/06/2021	12:21:16	78773.68	394738.25	38.38	Soil	11,040	0.41
08/06/2021	12:21:17	78773.45	394738.32	38.32	Soil	12,120	1.15
08/06/2021	12:21:18	78773.39	394738.00	38.30	Soil	10,800	0.25
08/06/2021	12:21:19	78773.42	394737.93	38.25	Soil	10,680	0.17
08/06/2021	12:21:20	78773.32	394738.22	38.37	Soil	10,620	0.13
08/06/2021	12:21:21	78773.25	394738.37	38.41	Soil	10,920	0.33
08/06/2021	12:21:22	78773.24	394738.27	38.38	Soil	10,560	0.09
08/06/2021	12:21:23	78773.19	394738.10	38.29	Soil	9,960	-0.32
08/06/2021	12:21:24	78773.13	394737.98	38.30	Soil	11,460	0.70
08/06/2021	12:21:25	78773.10	394738.22	38.40	Soil	11,400	0.66
08/06/2021	12:21:26	78773.02	394738.49	38.33	Soil	11,340	0.62
08/06/2021	12:21:27	78773.07	394738.25	38.44	Soil	11,280	0.58
08/06/2021	12:21:28	78773.08	394738.02	38.51	Soil	10,800	0.25
08/06/2021	12:21:29	78772.97	394738.17	38.59	Soil	10,680	0.17

SU 7B GWS RESULTS

08/06/2021	12:21:30	78772.89	394738.24	38.57	Soil	10,740	0.21
08/06/2021	12:21:31	78772.78	394738.00	38.53	Soil	11,460	0.70
08/06/2021	12:21:32	78772.80	394738.07	38.44	Soil	13,440	2.06
08/06/2021	12:21:33	78772.88	394738.56	38.53	Soil	10,200	-0.16
08/06/2021	12:21:34	78772.72	394738.83	38.54	Soil	11,400	0.66
08/06/2021	12:21:35	78772.73	394738.46	38.51	Soil	11,580	0.78
08/06/2021	12:21:36	78772.80	394737.89	38.53	Soil	10,020	-0.28
08/06/2021	12:21:37	78772.66	394738.02	38.42	Soil	10,560	0.09
08/06/2021	12:21:38	78772.63	394738.54	38.49	Soil	11,280	0.58
08/06/2021	12:21:39	78772.53	394738.66	38.52	Soil	9,720	-0.49
08/06/2021	12:21:40	78772.44	394738.38	38.52	Soil	11,640	0.82
08/06/2021	12:21:41	78772.40	394737.97	38.68	Soil	10,020	-0.28
08/06/2021	12:21:42	78772.27	394738.09	38.64	Soil	10,920	0.33
08/06/2021	12:21:43	78772.26	394738.64	38.70	Soil	11,040	0.41
08/06/2021	12:21:44	78772.21	394738.45	38.78	Soil	10,500	0.04
08/06/2021	12:21:45	78772.14	394738.03	38.87	Soil	13,020	1.77
08/06/2021	14:04:08	78781.40	394732.65	33.64	Soil	9,900	-0.37
08/06/2021	14:04:09	78781.49	394732.67	33.67	Soil	9,300	-0.78
08/06/2021	14:04:10	78781.48	394732.59	33.62	Soil	8,820	-1.10
08/06/2021	14:04:11	78781.72	394732.59	33.60	Soil	10,800	0.25
08/06/2021	14:04:12	78781.79	394732.80	33.44	Soil	7,860	-1.76
08/06/2021	14:04:13	78781.59	394732.99	33.38	Soil	8,280	-1.47
08/06/2021	14:04:14	78781.52	394732.46	33.28	Soil	7,200	-2.21
08/06/2021	14:04:15	78781.63	394732.10	33.24	Soil	9,660	-0.53
08/06/2021	14:04:16	78781.53	394732.71	33.19	Soil	9,780	-0.45
08/06/2021	14:04:17	78781.53	394733.07	33.25	Soil	8,280	-1.47
08/06/2021	14:04:18	78781.58	394732.68	33.15	Soil	9,480	-0.65
08/06/2021	14:04:19	78781.58	394732.56	33.11	Soil	10,500	0.04
08/06/2021	14:04:20	78781.35	394732.95	33.11	Soil	9,840	-0.41
08/06/2021	14:04:21	78781.16	394732.90	33.11	Soil	10,980	0.37
08/06/2021	14:04:22	78781.28	394732.20	33.10	Soil	9,600	-0.57
08/06/2021	14:04:23	78781.49	394732.22	33.06	Soil	10,320	-0.08
08/06/2021	14:04:24	78781.39	394732.66	33.02	Soil	8,640	-1.23
08/06/2021	14:04:25	78781.02	394732.40	33.12	Soil	9,300	-0.78
08/06/2021	14:04:26	78781.16	394732.32	33.02	Soil	8,460	-1.35
08/06/2021	14:04:27	78781.56	394732.60	33.07	Soil	9,240	-0.82
08/06/2021	14:04:28	78781.49	394732.82	33.01	Soil	9,540	-0.61
08/06/2021	14:04:29	78781.43	394732.45	33.05	Soil	9,300	-0.78
08/06/2021	14:04:30	78781.44	394732.25	33.00	Soil	9,660	-0.53
08/06/2021	14:04:31	78781.14	394732.71	32.90	Soil	10,380	-0.04
08/06/2021	14:04:32	78780.98	394732.72	32.93	Soil	10,200	-0.16
08/06/2021	14:04:33	78781.20	394732.48	32.95	Soil	8,460	-1.35
08/06/2021	14:04:34	78781.10	394732.37	32.99	Soil	10,140	-0.20
08/06/2021	14:04:35	78780.96	394732.73	32.96	Soil	9,600	-0.57
08/06/2021	14:04:36	78781.07	394733.03	33.05	Soil	8,340	-1.43
08/06/2021	14:04:37	78781.23	394732.91	33.11	Soil	10,500	0.04
08/06/2021	14:04:38	78781.22	394732.43	33.09	Soil	9,000	-0.98
08/06/2021	14:04:39	78781.13	394732.28	33.08	Soil	11,580	0.78
08/06/2021	14:04:40	78781.08	394732.77	33.06	Soil	10,560	0.09
08/06/2021	14:04:41	78781.01	394732.95	33.10	Soil	10,140	-0.20
08/06/2021	14:04:42	78780.88	394732.42	33.08	Soil	11,280	0.58

SU 7B GWS RESULTS

08/06/2021	14:04:43	78780.73	394732.29	33.09	Soil	9,480	-0.65
08/06/2021	14:04:44	78780.56	394732.95	33.07	Soil	12,060	1.11
08/06/2021	14:04:45	78780.62	394732.67	33.11	Soil	8,640	-1.23
08/06/2021	14:04:46	78780.90	394732.03	33.22	Soil	9,120	-0.90
08/06/2021	14:04:47	78780.82	394732.16	33.29	Soil	10,020	-0.28
08/06/2021	14:04:48	78780.52	394732.90	33.27	Soil	8,160	-1.56
08/06/2021	14:04:49	78780.47	394732.68	33.36	Soil	9,420	-0.69
08/06/2021	14:04:50	78780.69	394731.95	33.46	Soil	10,560	0.09
08/06/2021	14:04:51	78780.68	394732.02	33.48	Soil	9,900	-0.37
08/06/2021	14:04:52	78780.47	394732.81	33.52	Soil	10,500	0.04
08/06/2021	14:04:53	78780.61	394732.87	33.61	Soil	10,320	-0.08
08/06/2021	14:04:54	78780.89	394732.06	33.73	Soil	9,960	-0.32
08/06/2021	14:04:55	78780.84	394732.16	33.75	Soil	11,820	0.95
08/06/2021	14:04:56	78780.45	394733.01	33.78	Soil	10,800	0.25
08/06/2021	14:04:57	78780.34	394732.38	33.79	Soil	9,540	-0.61
08/06/2021	14:04:58	78780.45	394731.81	33.93	Soil	10,740	0.21
08/06/2021	14:04:59	78780.30	394732.47	33.89	Soil	10,380	-0.04
08/06/2021	14:05:00	78780.34	394732.87	33.98	Soil	11,940	1.03
08/06/2021	14:05:01	78780.27	394732.17	34.05	Soil	10,800	0.25
08/06/2021	14:05:02	78780.16	394731.89	34.10	Soil	11,400	0.66
08/06/2021	14:05:03	78780.14	394732.10	34.12	Soil	10,620	0.13
08/06/2021	14:05:04	78780.31	394732.18	34.15	Soil	9,780	-0.45
08/06/2021	14:05:05	78780.49	394732.02	34.22	Soil	10,620	0.13
08/06/2021	14:05:06	78780.50	394731.94	34.25	Soil	11,160	0.50
08/06/2021	14:05:07	78780.10	394732.27	34.29	Soil	11,400	0.66
08/06/2021	14:05:08	78780.10	394732.24	34.31	Soil	10,740	0.21
08/06/2021	14:05:09	78780.26	394732.34	34.38	Soil	9,600	-0.57
08/06/2021	14:05:10	78780.15	394731.72	34.46	Soil	11,280	0.58
08/06/2021	14:05:12	78779.92	394732.51	34.47	Soil	10,380	-0.04
08/06/2021	14:05:13	78779.90	394732.62	34.49	Soil	10,140	-0.20
08/06/2021	14:05:14	78780.06	394731.95	34.56	Soil	11,160	0.50
08/06/2021	14:05:15	78780.07	394732.15	34.55	Soil	11,820	0.95
08/06/2021	14:05:16	78779.78	394732.75	34.61	Soil	10,680	0.17
08/06/2021	14:05:17	78779.71	394732.40	34.59	Soil	10,380	-0.04
08/06/2021	14:05:19	78779.84	394731.98	34.65	Soil	10,320	-0.08
08/06/2021	14:05:20	78779.86	394732.75	34.73	Soil	10,380	-0.04
08/06/2021	14:05:21	78780.02	394732.37	34.67	Soil	10,380	-0.04
08/06/2021	14:05:23	78779.71	394731.92	34.68	Soil	11,040	0.41
08/06/2021	14:05:24	78779.43	394732.17	34.71	Soil	10,320	-0.08
08/06/2021	14:05:25	78779.86	394731.88	34.77	Soil	10,800	0.25
08/06/2021	14:05:27	78779.71	394731.82	34.78	Soil	11,280	0.58
08/06/2021	14:05:28	78779.50	394732.10	34.76	Soil	11,040	0.41
08/06/2021	14:05:29	78779.57	394731.81	34.78	Soil	10,380	-0.04
08/06/2021	14:05:31	78779.55	394731.78	34.83	Soil	10,800	0.25
08/06/2021	14:05:32	78779.61	394732.23	34.85	Soil	10,800	0.25
08/06/2021	14:05:33	78779.57	394731.78	34.89	Soil	10,680	0.17
08/06/2021	14:05:35	78779.37	394731.54	35.02	Soil	9,120	-0.90
08/06/2021	14:05:36	78779.30	394731.99	34.97	Soil	10,860	0.29
08/06/2021	14:05:37	78779.59	394731.83	35.06	Soil	10,860	0.29
08/06/2021	14:05:39	78779.25	394731.81	35.11	Soil	9,840	-0.41
08/06/2021	14:05:40	78779.22	394731.89	35.05	Soil	10,920	0.33

SU 7B GWS RESULTS

08/06/2021	14:05:41	78779.40	394731.64	35.15	Soil	9,660	-0.53
08/06/2021	14:05:43	78779.25	394731.96	35.11	Soil	11,160	0.50
08/06/2021	14:05:44	78779.39	394731.89	35.22	Soil	11,040	0.41
08/06/2021	14:05:47	78779.08	394731.61	35.17	Soil	11,400	0.66
08/06/2021	14:05:48	78779.09	394731.75	35.15	Soil	11,880	0.99
08/06/2021	14:05:49	78779.22	394731.43	35.24	Soil	9,420	-0.69
08/06/2021	14:05:51	78779.00	394731.38	35.37	Soil	10,500	0.04
08/06/2021	14:05:52	78779.01	394731.64	35.28	Soil	12,060	1.11
08/06/2021	14:05:53	78778.94	394731.87	35.28	Soil	12,000	1.07
08/06/2021	14:05:54	78778.91	394731.75	35.37	Soil	10,920	0.33
08/06/2021	14:05:55	78779.13	394731.46	35.44	Soil	11,760	0.91
08/06/2021	14:05:57	78778.92	394731.62	35.45	Soil	10,860	0.29
08/06/2021	14:05:58	78778.48	394731.98	35.41	Soil	10,680	0.17
08/06/2021	14:05:59	78778.53	394731.61	35.50	Soil	10,560	0.09
08/06/2021	14:06:00	78778.71	394731.16	35.55	Soil	11,220	0.54
08/06/2021	14:06:01	78778.64	394731.57	35.54	Soil	10,740	0.21
08/06/2021	14:06:02	78778.59	394732.05	35.52	Soil	13,320	1.97
08/06/2021	14:06:03	78778.77	394731.73	35.55	Soil	11,100	0.45
08/06/2021	14:06:04	78778.71	394731.19	35.62	Soil	11,880	0.99
08/06/2021	14:06:05	78778.37	394731.28	35.77	Soil	12,060	1.11
08/06/2021	14:06:06	78778.39	394731.62	35.80	Soil	12,360	1.32
08/06/2021	14:06:07	78778.47	394731.81	35.70	Soil	12,600	1.48
08/06/2021	14:06:08	78778.33	394731.63	35.82	Soil	12,000	1.07
08/06/2021	14:06:09	78778.43	394731.32	35.89	Soil	11,520	0.74
08/06/2021	14:06:10	78778.44	394731.73	35.77	Soil	11,580	0.78
08/06/2021	14:06:11	78778.31	394731.67	35.70	Soil	10,920	0.33
08/06/2021	14:06:12	78778.47	394731.47	35.70	Soil	12,360	1.32
08/06/2021	14:06:13	78778.36	394731.36	35.70	Soil	13,200	1.89
08/06/2021	14:06:14	78778.37	394731.69	35.85	Soil	12,600	1.48
08/06/2021	14:06:15	78778.61	394731.55	35.79	Soil	12,120	1.15
08/06/2021	14:06:16	78778.52	394731.38	35.75	Soil	12,780	1.60
08/06/2021	14:06:17	78778.54	394731.59	35.69	Soil	11,820	0.95
08/06/2021	14:06:18	78778.34	394731.67	35.69	Soil	11,880	0.99
08/06/2021	14:06:19	78778.36	394731.41	35.79	Soil	13,200	1.89
08/06/2021	14:06:20	78778.37	394731.25	35.84	Soil	10,260	-0.12
08/06/2021	14:06:21	78778.33	394731.29	35.81	Soil	13,380	2.01
08/06/2021	14:06:22	78778.46	394731.31	35.88	Soil	11,520	0.74
08/06/2021	14:06:23	78778.31	394731.15	35.99	Soil	11,100	0.45
08/06/2021	14:06:24	78778.08	394731.09	36.08	Soil	11,280	0.58
08/06/2021	14:06:25	78777.89	394731.09	36.15	Soil	10,080	-0.24
08/06/2021	14:06:26	78777.80	394731.15	36.14	Soil	10,800	0.25
08/06/2021	14:06:27	78778.07	394731.16	35.99	Soil	11,940	1.03
08/06/2021	14:06:28	78778.53	394731.29	35.81	Soil	10,380	-0.04
08/06/2021	14:06:29	78778.76	394731.46	35.69	Soil	12,420	1.36
08/06/2021	14:06:30	78778.60	394731.44	35.72	Soil	13,320	1.97
08/06/2021	14:06:31	78778.39	394731.30	35.71	Soil	12,120	1.15
08/06/2021	14:06:32	78778.58	394731.20	35.72	Soil	12,240	1.23
08/06/2021	14:06:33	78778.71	394731.31	35.66	Soil	12,120	1.15
08/06/2021	14:06:34	78778.36	394731.50	35.63	Soil	12,000	1.07
08/06/2021	14:06:35	78778.45	394731.63	35.96	Soil	9,360	-0.74
08/06/2021	14:06:36	78778.62	394731.66	36.20	Soil	10,320	-0.08

SU 7B GWS RESULTS

08/06/2021	14:06:37	78778.57	394731.93	36.19	Soil	11,940	1.03
08/06/2021	14:06:38	78778.40	394731.75	36.20	Soil	10,680	0.17
08/06/2021	14:06:39	78778.55	394731.65	36.19	Soil	11,220	0.54
08/06/2021	14:06:40	78778.53	394732.03	36.13	Soil	9,600	-0.57
08/06/2021	14:06:41	78778.49	394732.00	36.12	Soil	10,920	0.33
08/06/2021	14:06:42	78778.47	394731.74	36.12	Soil	8,880	-1.06
08/06/2021	14:06:43	78778.58	394731.68	36.12	Soil	10,200	-0.16
08/06/2021	14:06:44	78778.61	394731.89	36.09	Soil	11,160	0.50
08/06/2021	14:06:45	78778.32	394732.07	36.11	Soil	10,080	-0.24
08/06/2021	14:06:46	78778.38	394731.94	36.08	Soil	10,920	0.33
08/06/2021	14:06:47	78778.60	394731.82	35.82	Soil	11,280	0.58
08/06/2021	14:06:48	78778.69	394731.92	35.61	Soil	11,400	0.66
08/06/2021	14:06:49	78778.63	394731.89	35.44	Soil	11,100	0.45
08/06/2021	14:06:50	78778.57	394731.62	35.43	Soil	9,840	-0.41
08/06/2021	14:06:51	78778.46	394731.58	35.45	Soil	11,100	0.45
08/06/2021	14:06:52	78778.34	394731.80	35.46	Soil	10,320	-0.08
08/06/2021	14:06:53	78778.39	394731.77	35.49	Soil	9,840	-0.41
08/06/2021	14:06:54	78778.40	394731.56	35.54	Soil	10,140	-0.20
08/06/2021	14:06:55	78778.38	394731.36	35.68	Soil	10,980	0.37
08/06/2021	14:06:56	78778.53	394731.34	35.76	Soil	12,240	1.23
08/06/2021	14:06:57	78778.58	394731.41	35.75	Soil	11,520	0.74
08/06/2021	14:06:58	78778.46	394731.42	35.78	Soil	11,820	0.95
08/06/2021	14:06:59	78778.24	394731.46	35.85	Soil	10,200	-0.16
08/06/2021	14:07:00	78778.13	394731.46	35.85	Soil	8,940	-1.02
08/06/2021	14:07:01	78778.09	394731.49	35.87	Soil	10,920	0.33
08/06/2021	14:07:02	78778.18	394731.61	35.81	Soil	11,460	0.70
08/06/2021	14:07:03	78778.36	394731.70	35.74	Soil	10,980	0.37
08/06/2021	14:07:04	78778.60	394731.73	35.72	Soil	11,280	0.58
08/06/2021	14:07:05	78778.77	394731.69	35.72	Soil	11,580	0.78
08/06/2021	14:07:06	78778.61	394731.58	35.70	Soil	11,400	0.66
08/06/2021	14:07:07	78778.49	394731.62	35.73	Soil	12,420	1.36
08/06/2021	14:07:08	78778.40	394732.00	35.63	Soil	10,320	-0.08
08/06/2021	14:07:09	78778.29	394732.02	35.53	Soil	9,720	-0.49
08/06/2021	14:07:10	78778.23	394731.74	35.61	Soil	13,500	2.10
08/06/2021	14:07:11	78778.16	394731.43	35.72	Soil	11,220	0.54
08/06/2021	14:07:12	78778.06	394731.30	35.83	Soil	10,740	0.21
08/06/2021	14:07:13	78777.91	394731.39	35.97	Soil	10,560	0.09
08/06/2021	14:07:14	78778.08	394731.55	35.82	Soil	10,080	-0.24
08/06/2021	14:07:15	78778.58	394731.68	35.62	Soil	10,680	0.17
08/06/2021	14:07:16	78778.75	394731.82	35.49	Soil	12,120	1.15
08/06/2021	14:07:17	78778.60	394732.04	35.39	Soil	10,980	0.37
08/06/2021	14:07:18	78778.45	394732.30	35.43	Soil	10,680	0.17
08/06/2021	14:07:19	78778.28	394732.41	35.45	Soil	12,480	1.40
08/06/2021	14:07:20	78778.34	394732.03	35.35	Soil	11,220	0.54
08/06/2021	14:07:21	78778.41	394731.64	35.37	Soil	10,980	0.37
08/06/2021	14:07:22	78778.23	394732.20	35.41	Soil	10,560	0.09
08/06/2021	14:07:23	78778.25	394732.59	35.50	Soil	9,420	-0.69
08/06/2021	14:07:24	78778.52	394732.05	35.44	Soil	10,620	0.13
08/06/2021	14:07:25	78778.33	394731.74	35.50	Soil	12,300	1.28
08/06/2021	14:07:26	78777.99	394732.26	35.59	Soil	9,900	-0.37
08/06/2021	14:07:27	78778.03	394731.93	35.55	Soil	11,280	0.58

SU 7B GWS RESULTS

08/06/2021	14:07:28	78778.27	394731.68	35.57	Soil	11,280	0.58
08/06/2021	14:07:29	78778.23	394732.02	35.56	Soil	9,840	-0.41
08/06/2021	14:07:30	78777.93	394732.31	35.64	Soil	10,320	-0.08
08/06/2021	14:07:31	78777.94	394731.67	35.67	Soil	10,140	-0.20
08/06/2021	14:07:32	78778.07	394731.63	35.65	Soil	10,440	0.00
08/06/2021	14:07:33	78777.85	394732.02	35.70	Soil	10,620	0.13
08/06/2021	14:07:34	78777.60	394732.16	35.74	Soil	12,480	1.40
08/06/2021	14:07:35	78777.71	394731.75	35.69	Soil	11,400	0.66
08/06/2021	14:07:36	78777.83	394731.59	35.67	Soil	10,620	0.13
08/06/2021	14:07:37	78777.58	394732.05	35.71	Soil	11,040	0.41
08/06/2021	14:07:38	78777.59	394732.21	35.76	Soil	11,640	0.82
08/06/2021	14:07:39	78777.73	394731.66	35.86	Soil	10,560	0.09
08/06/2021	14:07:40	78777.68	394731.69	35.81	Soil	12,900	1.69
08/06/2021	14:07:41	78777.46	394732.18	35.92	Soil	9,780	-0.45
08/06/2021	14:07:42	78777.41	394732.05	35.88	Soil	10,140	-0.20
08/06/2021	14:07:43	78777.61	394731.45	35.90	Soil	11,100	0.45
08/06/2021	14:07:44	78777.48	394731.58	35.89	Soil	11,820	0.95
08/06/2021	14:07:45	78777.25	394732.29	35.94	Soil	11,160	0.50
08/06/2021	14:07:46	78777.31	394732.28	35.96	Soil	10,140	-0.20
08/06/2021	14:07:47	78777.47	394731.78	35.98	Soil	11,940	1.03
08/06/2021	14:07:48	78777.49	394731.94	35.96	Soil	10,680	0.17
08/06/2021	14:07:49	78777.45	394732.33	36.03	Soil	10,020	-0.28
08/06/2021	14:07:50	78777.40	394732.32	36.05	Soil	11,760	0.91
08/06/2021	14:07:51	78777.42	394732.07	36.12	Soil	9,960	-0.32
08/06/2021	14:07:52	78777.47	394732.12	36.20	Soil	10,080	-0.24
08/06/2021	14:07:53	78777.49	394732.29	36.26	Soil	11,160	0.50
08/06/2021	14:07:54	78777.48	394732.19	36.17	Soil	11,460	0.70
08/06/2021	14:07:55	78777.51	394732.00	36.04	Soil	10,920	0.33
08/06/2021	14:07:56	78777.55	394732.07	36.05	Soil	11,880	0.99
08/06/2021	14:07:57	78777.62	394732.22	36.08	Soil	10,260	-0.12
08/06/2021	14:07:58	78777.69	394732.10	36.09	Soil	11,580	0.78
08/06/2021	14:07:59	78777.75	394732.01	36.08	Soil	10,920	0.33
08/06/2021	14:08:00	78777.77	394732.10	36.08	Soil	11,100	0.45
08/06/2021	14:08:01	78777.66	394732.11	36.07	Soil	10,920	0.33
08/06/2021	14:08:02	78777.58	394731.98	36.12	Soil	11,400	0.66
08/06/2021	14:08:03	78777.55	394732.11	36.16	Soil	10,560	0.09
08/06/2021	14:08:04	78777.51	394732.22	36.17	Soil	11,520	0.74
08/06/2021	14:08:05	78777.53	394732.22	36.23	Soil	11,280	0.58
08/06/2021	14:08:06	78777.70	394732.40	36.27	Soil	9,780	-0.45
08/06/2021	14:08:07	78777.77	394732.72	36.32	Soil	9,900	-0.37
08/06/2021	14:08:08	78777.67	394732.84	36.25	Soil	10,380	-0.04
08/06/2021	14:08:09	78777.65	394732.71	36.24	Soil	12,480	1.40
08/06/2021	14:08:10	78777.77	394732.69	36.23	Soil	10,320	-0.08
08/06/2021	14:08:11	78777.75	394732.81	36.24	Soil	10,860	0.29
08/06/2021	14:08:12	78777.58	394732.82	36.24	Soil	11,460	0.70
08/06/2021	14:08:13	78777.54	394732.73	36.22	Soil	11,100	0.45
08/06/2021	14:08:14	78777.61	394732.75	36.20	Soil	10,740	0.21
08/06/2021	14:08:15	78777.54	394732.81	36.10	Soil	11,340	0.62
08/06/2021	14:08:16	78777.38	394732.80	36.09	Soil	11,100	0.45
08/06/2021	14:08:17	78777.46	394732.78	36.01	Soil	10,260	-0.12
08/06/2021	14:08:18	78777.54	394732.80	36.05	Soil	10,320	-0.08

SU 7B GWS RESULTS

08/06/2021	14:08:19	78777.46	394732.96	36.08	Soil	10,860	0.29
08/06/2021	14:08:20	78777.25	394732.98	36.09	Soil	11,760	0.91
08/06/2021	14:08:21	78777.18	394732.79	36.09	Soil	10,200	-0.16
08/06/2021	14:08:22	78777.27	394732.64	36.12	Soil	12,120	1.15
08/06/2021	14:08:23	78777.35	394732.81	36.15	Soil	12,000	1.07
08/06/2021	14:08:24	78777.35	394733.04	36.07	Soil	11,940	1.03
08/06/2021	14:08:25	78777.44	394732.78	36.03	Soil	9,720	-0.49
08/06/2021	14:08:26	78777.36	394732.35	36.05	Soil	9,840	-0.41
08/06/2021	14:08:27	78777.32	394732.36	36.01	Soil	11,940	1.03
08/06/2021	14:08:28	78777.37	394732.77	35.90	Soil	8,760	-1.15
08/06/2021	14:08:29	78777.57	394732.84	35.88	Soil	10,800	0.25
08/06/2021	14:08:30	78777.54	394732.56	35.90	Soil	10,620	0.13
08/06/2021	14:08:31	78777.48	394732.45	35.83	Soil	11,160	0.50
08/06/2021	14:08:32	78777.50	394732.73	35.82	Soil	10,860	0.29
08/06/2021	14:08:33	78777.55	394732.98	35.71	Soil	9,780	-0.45
08/06/2021	14:08:34	78777.73	394732.63	35.79	Soil	9,540	-0.61
08/06/2021	14:08:35	78777.90	394732.31	35.74	Soil	9,840	-0.41
08/06/2021	14:08:36	78777.93	394732.15	35.76	Soil	11,100	0.45
08/06/2021	14:08:37	78777.90	394732.18	35.63	Soil	10,080	-0.24
08/06/2021	14:08:38	78777.81	394732.40	35.62	Soil	11,100	0.45
08/06/2021	14:08:39	78777.80	394732.43	35.68	Soil	10,440	0.00
08/06/2021	14:08:40	78777.98	394732.02	35.69	Soil	11,880	0.99
08/06/2021	14:08:41	78778.04	394732.07	35.62	Soil	10,440	0.00
08/06/2021	14:08:42	78778.07	394732.50	35.60	Soil	9,300	-0.78
08/06/2021	14:08:43	78778.10	394732.18	35.59	Soil	12,000	1.07
08/06/2021	14:08:44	78778.13	394731.96	35.54	Soil	12,060	1.11
08/06/2021	14:08:45	78778.11	394732.46	35.47	Soil	10,260	-0.12
08/06/2021	14:08:46	78778.03	394732.61	35.48	Soil	11,460	0.70
08/06/2021	14:08:47	78778.08	394732.23	35.48	Soil	11,640	0.82
08/06/2021	14:08:48	78778.30	394731.95	35.40	Soil	11,160	0.50
08/06/2021	14:08:49	78778.36	394732.32	35.35	Soil	11,580	0.78
08/06/2021	14:08:50	78778.31	394732.66	35.34	Soil	10,980	0.37
08/06/2021	14:08:51	78778.17	394732.25	35.34	Soil	11,040	0.41
08/06/2021	14:08:52	78778.19	394732.18	35.30	Soil	10,320	-0.08
08/06/2021	14:08:53	78778.42	394732.66	35.28	Soil	10,560	0.09
08/06/2021	14:08:54	78778.48	394732.51	35.23	Soil	9,780	-0.45
08/06/2021	14:08:55	78778.36	394732.00	35.29	Soil	11,280	0.58
08/06/2021	14:08:56	78778.34	394732.10	35.22	Soil	11,160	0.50
08/06/2021	14:08:57	78778.42	394732.64	35.18	Soil	12,300	1.28
08/06/2021	14:08:58	78778.53	394732.58	35.18	Soil	9,540	-0.61
08/06/2021	14:08:59	78778.53	394732.06	35.18	Soil	12,360	1.32
08/06/2021	14:09:00	78778.44	394732.08	35.19	Soil	11,640	0.82
08/06/2021	14:09:01	78778.39	394732.69	35.14	Soil	10,620	0.13
08/06/2021	14:09:02	78778.52	394732.56	35.10	Soil	10,500	0.04
08/06/2021	14:09:03	78778.66	394732.03	35.16	Soil	10,140	-0.20
08/06/2021	14:09:04	78778.60	394732.08	35.11	Soil	11,700	0.87
08/06/2021	14:09:05	78778.54	394732.61	35.04	Soil	11,760	0.91
08/06/2021	14:09:06	78778.63	394732.61	35.01	Soil	10,920	0.33
08/06/2021	14:09:07	78778.73	394732.13	35.04	Soil	10,920	0.33
08/06/2021	14:09:08	78778.70	394732.03	35.05	Soil	10,020	-0.28
08/06/2021	14:09:09	78778.79	394732.34	34.98	Soil	10,440	0.00

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08/06/2021	14:09:10	78778.86	394732.71	34.91	Soil	10,260	-0.12
08/06/2021	14:09:11	78778.75	394732.60	34.90	Soil	9,660	-0.53
08/06/2021	14:09:12	78778.77	394732.35	34.88	Soil	9,660	-0.53
08/06/2021	14:09:13	78778.75	394732.34	34.85	Soil	10,680	0.17
08/06/2021	14:09:14	78778.70	394732.61	34.81	Soil	9,780	-0.45
08/06/2021	14:09:15	78778.80	394732.57	34.81	Soil	10,980	0.37
08/06/2021	14:09:16	78778.86	394732.19	34.85	Soil	12,000	1.07
08/06/2021	14:09:17	78778.95	394731.97	34.88	Soil	10,620	0.13
08/06/2021	14:09:18	78779.03	394732.18	34.83	Soil	10,200	-0.16
08/06/2021	14:09:19	78778.88	394732.64	34.80	Soil	9,780	-0.45
08/06/2021	14:09:20	78778.80	394732.67	34.79	Soil	9,660	-0.53
08/06/2021	14:09:21	78778.76	394732.63	34.79	Soil	11,280	0.58
08/06/2021	14:09:22	78778.89	394732.59	34.83	Soil	9,840	-0.41
08/06/2021	14:09:23	78779.06	394732.26	34.80	Soil	9,720	-0.49
08/06/2021	14:09:24	78778.96	394732.29	34.78	Soil	10,800	0.25
08/06/2021	14:09:25	78778.91	394732.78	34.80	Soil	10,980	0.37
08/06/2021	14:09:26	78778.88	394732.92	34.74	Soil	11,460	0.70
08/06/2021	14:09:27	78779.04	394732.30	34.81	Soil	11,520	0.74
08/06/2021	14:09:28	78779.27	394732.33	34.74	Soil	10,920	0.33
08/06/2021	14:09:29	78779.06	394732.82	34.69	Soil	11,460	0.70
08/06/2021	14:09:30	78778.96	394732.66	34.70	Soil	10,620	0.13
08/06/2021	14:09:31	78779.11	394732.23	34.67	Soil	12,060	1.11
08/06/2021	14:09:32	78779.31	394732.66	34.64	Soil	12,060	1.11
08/06/2021	14:09:33	78779.15	394732.82	34.60	Soil	11,640	0.82
08/06/2021	14:09:34	78779.03	394732.70	34.68	Soil	9,540	-0.61
08/06/2021	14:09:35	78779.12	394732.41	34.66	Soil	10,800	0.25
08/06/2021	14:09:36	78779.23	394732.31	34.67	Soil	10,140	-0.20
08/06/2021	14:09:37	78779.36	394732.35	34.67	Soil	9,240	-0.82
08/06/2021	14:09:38	78779.29	394732.33	34.72	Soil	10,260	-0.12
08/06/2021	14:09:39	78779.11	394732.20	34.81	Soil	9,540	-0.61
08/06/2021	14:09:40	78779.18	394732.03	34.85	Soil	10,380	-0.04
08/06/2021	14:09:41	78779.38	394732.11	34.79	Soil	10,440	0.00
08/06/2021	14:09:42	78779.26	394732.41	34.75	Soil	10,800	0.25
08/06/2021	14:09:43	78779.11	394732.33	34.84	Soil	11,340	0.62
08/06/2021	14:09:44	78779.21	394732.26	34.78	Soil	12,120	1.15
08/06/2021	14:09:45	78779.41	394732.44	34.75	Soil	10,740	0.21
08/06/2021	14:09:46	78779.37	394732.73	34.65	Soil	9,720	-0.49
08/06/2021	14:09:47	78779.22	394732.71	34.61	Soil	10,260	-0.12
08/06/2021	14:09:48	78779.26	394732.55	34.57	Soil	9,480	-0.65
08/06/2021	14:09:49	78779.23	394732.29	34.66	Soil	11,220	0.54
08/06/2021	14:09:50	78779.16	394732.21	34.61	Soil	10,980	0.37
08/06/2021	14:09:51	78779.07	394732.49	34.61	Soil	10,920	0.33
08/06/2021	14:09:52	78779.02	394732.87	34.64	Soil	11,460	0.70
08/06/2021	14:09:53	78779.08	394732.74	34.66	Soil	11,220	0.54
08/06/2021	14:09:54	78779.18	394732.35	34.63	Soil	10,080	-0.24
08/06/2021	14:09:55	78779.24	394732.47	34.60	Soil	9,840	-0.41
08/06/2021	14:09:56	78779.22	394732.88	34.60	Soil	9,480	-0.65
08/06/2021	14:09:57	78779.29	394732.67	34.62	Soil	11,700	0.87
08/06/2021	14:09:58	78779.43	394732.35	34.61	Soil	9,300	-0.78
08/06/2021	14:09:59	78779.41	394732.66	34.63	Soil	11,220	0.54
08/06/2021	14:10:00	78779.21	394732.76	34.58	Soil	11,760	0.91

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08/06/2021	14:10:01	78779.14	394732.65	34.54	Soil	10,020	-0.28
08/06/2021	14:10:02	78779.19	394732.67	34.57	Soil	10,980	0.37
08/06/2021	14:10:03	78779.29	394732.75	34.51	Soil	10,320	-0.08
08/06/2021	14:10:04	78779.53	394732.47	34.54	Soil	9,360	-0.74
08/06/2021	14:10:05	78779.49	394732.41	34.52	Soil	10,560	0.09
08/06/2021	14:10:06	78779.40	394732.78	34.42	Soil	9,600	-0.57
08/06/2021	14:10:07	78779.45	394732.68	34.46	Soil	10,320	-0.08
08/06/2021	14:10:08	78779.55	394732.36	34.50	Soil	10,260	-0.12
08/06/2021	14:10:09	78779.60	394732.42	34.44	Soil	9,180	-0.86
08/06/2021	14:10:10	78779.52	394732.74	34.37	Soil	10,140	-0.20
08/06/2021	14:10:11	78779.59	394732.68	34.43	Soil	10,680	0.17
08/06/2021	14:10:12	78779.83	394732.39	34.40	Soil	9,720	-0.49
08/06/2021	14:10:13	78779.97	394732.57	34.35	Soil	10,320	-0.08
08/06/2021	14:10:14	78779.76	394732.99	34.33	Soil	10,980	0.37
08/06/2021	14:10:15	78779.67	394732.98	34.35	Soil	9,960	-0.32
08/06/2021	14:10:16	78779.85	394732.64	34.30	Soil	12,540	1.44
08/06/2021	14:10:17	78779.95	394732.38	34.26	Soil	10,500	0.04
08/06/2021	14:10:18	78779.75	394732.56	34.24	Soil	10,080	-0.24
08/06/2021	14:10:19	78779.68	394732.66	34.26	Soil	10,140	-0.20
08/06/2021	14:10:20	78779.79	394732.45	34.23	Soil	9,600	-0.57
08/06/2021	14:10:21	78779.94	394732.35	34.20	Soil	10,440	0.00
08/06/2021	14:10:22	78779.98	394732.76	34.24	Soil	11,700	0.87
08/06/2021	14:10:23	78779.91	394732.97	34.27	Soil	11,520	0.74
08/06/2021	14:10:24	78780.00	394732.82	34.29	Soil	10,560	0.09
08/06/2021	14:10:25	78780.02	394732.64	34.31	Soil	9,780	-0.45
08/06/2021	14:10:26	78780.03	394732.72	34.19	Soil	9,840	-0.41
08/06/2021	14:10:27	78780.03	394732.93	34.13	Soil	9,780	-0.45
08/06/2021	14:10:28	78780.00	394732.92	34.12	Soil	12,060	1.11
08/06/2021	14:10:29	78780.07	394732.81	34.16	Soil	9,660	-0.53
08/06/2021	14:10:30	78780.15	394732.65	34.11	Soil	9,300	-0.78
08/06/2021	14:10:31	78780.14	394732.59	34.07	Soil	8,880	-1.06
08/06/2021	14:10:32	78780.28	394732.54	34.01	Soil	10,200	-0.16
08/06/2021	14:10:33	78780.27	394732.43	34.06	Soil	9,060	-0.94
08/06/2021	14:10:34	78780.19	394732.37	34.08	Soil	10,260	-0.12
08/06/2021	14:10:35	78780.26	394732.60	33.94	Soil	11,940	1.03
08/06/2021	14:10:36	78780.28	394732.97	33.96	Soil	10,260	-0.12
08/06/2021	14:10:37	78780.40	394732.87	33.97	Soil	10,080	-0.24
08/06/2021	14:10:38	78780.46	394732.67	33.94	Soil	9,480	-0.65
08/06/2021	14:10:39	78780.61	394732.74	33.94	Soil	8,880	-1.06
08/06/2021	14:10:40	78780.67	394732.63	33.93	Soil	11,640	0.82
08/06/2021	14:10:41	78780.56	394732.35	33.99	Soil	9,180	-0.86
08/06/2021	14:10:42	78780.52	394732.45	33.89	Soil	9,000	-0.98
08/06/2021	14:10:43	78780.52	394732.55	33.89	Soil	8,700	-1.19
08/06/2021	14:10:44	78780.70	394732.38	33.85	Soil	11,640	0.82
08/06/2021	14:10:45	78780.93	394732.68	33.78	Soil	10,560	0.09
08/06/2021	14:10:46	78780.91	394733.16	33.83	Soil	8,940	-1.02
08/06/2021	14:10:47	78780.91	394732.82	33.84	Soil	9,060	-0.94
08/06/2021	14:10:48	78780.77	394732.43	33.83	Soil	9,960	-0.32
08/06/2021	14:10:49	78780.70	394732.81	33.84	Soil	10,620	0.13
08/06/2021	14:10:50	78780.67	394733.18	33.84	Soil	9,900	-0.37
08/06/2021	14:10:51	78780.78	394732.69	33.79	Soil	10,560	0.09

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08/06/2021	14:10:52	78781.11	394732.25	33.76	Soil	9,660	-0.53
08/06/2021	14:10:53	78781.21	394732.90	33.66	Soil	10,380	-0.04
08/06/2021	14:10:54	78781.24	394733.26	33.67	Soil	9,600	-0.57
08/06/2021	14:10:55	78781.38	394732.61	33.66	Soil	8,580	-1.27
08/06/2021	14:10:56	78781.37	394732.29	33.59	Soil	8,280	-1.47
08/06/2021	14:10:57	78781.23	394733.02	33.51	Soil	8,700	-1.19
08/06/2021	14:10:58	78781.36	394733.12	33.52	Soil	9,000	-0.98
08/06/2021	14:10:59	78781.65	394732.47	33.52	Soil	8,760	-1.15
08/06/2021	14:11:00	78781.62	394732.53	33.43	Soil	9,720	-0.49
08/06/2021	14:11:01	78781.52	394732.91	33.39	Soil	9,000	-0.98
08/06/2021	14:11:02	78781.57	394732.81	33.39	Soil	8,700	-1.19
08/06/2021	14:11:03	78781.76	394732.65	33.42	Soil	10,440	0.00
08/06/2021	14:11:06	78781.67	394733.21	33.18	Soil	8,220	-1.52
08/06/2021	14:11:07	78781.60	394733.26	33.20	Soil	8,760	-1.15
08/06/2021	14:11:08	78781.62	394733.20	33.23	Soil	9,120	-0.90
08/06/2021	14:11:09	78781.57	394733.12	33.20	Soil	8,580	-1.27
08/06/2021	14:11:10	78781.51	394733.07	33.19	Soil	8,220	-1.52
08/06/2021	14:11:11	78781.48	394733.06	33.22	Soil	8,760	-1.15
08/06/2021	14:11:12	78781.46	394733.07	33.23	Soil	9,240	-0.82
08/06/2021	14:11:13	78781.44	394733.06	33.25	Soil	7,260	-2.17
08/06/2021	14:11:14	78781.42	394733.01	33.22	Soil	8,220	-1.52
08/06/2021	14:11:15	78781.41	394733.01	33.27	Soil	8,160	-1.56
08/06/2021	14:11:16	78781.40	394733.01	33.30	Soil	6,960	-2.38
08/06/2021	14:11:17	78781.38	394732.98	33.27	Soil	7,920	-1.72
08/06/2021	14:11:18	78781.39	394732.97	33.32	Soil	8,160	-1.56
08/06/2021	14:11:19	78781.44	394733.07	33.41	Soil	7,140	-2.25
08/06/2021	14:11:20	78781.38	394733.15	33.41	Soil	8,820	-1.10
08/06/2021	14:11:21	78781.07	394733.13	33.51	Soil	8,220	-1.52
08/06/2021	14:11:22	78781.16	394733.05	33.63	Soil	8,100	-1.60
08/06/2021	14:11:23	78781.20	394733.09	33.70	Soil	9,000	-0.98
08/06/2021	14:11:24	78781.08	394733.01	33.80	Soil	8,280	-1.47
08/06/2021	14:11:25	78781.05	394733.08	33.91	Soil	8,280	-1.47
08/06/2021	14:15:21	78781.70	394733.74	33.01	Soil	8,880	-1.06
08/06/2021	14:15:22	78781.67	394733.24	33.10	Soil	8,460	-1.35
08/06/2021	14:15:23	78781.60	394733.28	33.13	Soil	8,760	-1.15
08/06/2021	14:15:24	78781.53	394733.55	33.11	Soil	9,420	-0.69
08/06/2021	14:15:25	78781.43	394733.33	33.18	Soil	8,940	-1.02
08/06/2021	14:15:26	78781.26	394733.10	33.23	Soil	8,520	-1.31
08/06/2021	14:15:27	78781.19	394733.49	33.24	Soil	8,640	-1.23
08/06/2021	14:15:28	78781.25	394733.87	33.24	Soil	9,840	-0.41
08/06/2021	14:15:29	78781.22	394733.49	33.23	Soil	9,600	-0.57
08/06/2021	14:15:30	78781.13	394733.28	33.21	Soil	10,020	-0.28
08/06/2021	14:15:31	78781.11	394733.68	33.19	Soil	9,660	-0.53
08/06/2021	14:15:32	78781.24	394733.74	33.16	Soil	9,840	-0.41
08/06/2021	14:15:33	78781.41	394733.44	33.18	Soil	9,300	-0.78
08/06/2021	14:15:34	78781.36	394733.64	33.15	Soil	8,640	-1.23
08/06/2021	14:15:35	78781.28	394734.13	33.05	Soil	9,000	-0.98
08/06/2021	14:15:36	78781.45	394733.90	33.07	Soil	9,960	-0.32
08/06/2021	14:15:37	78781.60	394733.67	33.11	Soil	9,180	-0.86
08/06/2021	14:15:38	78781.57	394733.88	33.03	Soil	8,940	-1.02
08/06/2021	14:15:39	78781.46	394734.14	33.01	Soil	9,600	-0.57

SU 7B GWS RESULTS

08/06/2021	14:15:40	78781.43	394733.93	33.04	Soil	8,760	-1.15
08/06/2021	14:15:41	78781.38	394733.61	33.12	Soil	9,360	-0.74
08/06/2021	14:15:42	78781.21	394733.91	33.15	Soil	10,200	-0.16
08/06/2021	14:15:43	78781.11	394734.09	33.16	Soil	9,480	-0.65
08/06/2021	14:15:44	78781.26	394733.74	33.24	Soil	10,440	0.00
08/06/2021	14:15:45	78781.24	394733.72	33.19	Soil	9,240	-0.82
08/06/2021	14:15:46	78781.02	394734.19	33.19	Soil	10,200	-0.16
08/06/2021	14:15:47	78780.91	394734.13	33.20	Soil	8,940	-1.02
08/06/2021	14:15:48	78780.96	394733.81	33.31	Soil	10,800	0.25
08/06/2021	14:15:49	78781.01	394734.01	33.36	Soil	10,380	-0.04
08/06/2021	14:15:50	78781.06	394734.13	33.31	Soil	9,300	-0.78
08/06/2021	14:15:51	78781.10	394733.75	33.36	Soil	9,780	-0.45
08/06/2021	14:15:52	78781.00	394733.63	33.37	Soil	9,900	-0.37
08/06/2021	14:15:53	78781.00	394733.97	33.40	Soil	11,280	0.58
08/06/2021	14:15:54	78780.95	394734.01	33.43	Soil	10,200	-0.16
08/06/2021	14:15:55	78780.90	394733.51	33.50	Soil	10,500	0.04
08/06/2021	14:15:56	78781.01	394733.64	33.48	Soil	10,380	-0.04
08/06/2021	14:15:57	78780.93	394733.94	33.44	Soil	10,860	0.29
08/06/2021	14:15:58	78780.82	394733.73	33.55	Soil	9,180	-0.86
08/06/2021	14:15:59	78780.71	394733.50	33.55	Soil	9,420	-0.69
08/06/2021	14:16:00	78780.86	394733.70	33.60	Soil	10,020	-0.28
08/06/2021	14:16:01	78780.79	394733.95	33.57	Soil	10,260	-0.12
08/06/2021	14:16:02	78780.61	394733.67	33.69	Soil	9,060	-0.94
08/06/2021	14:16:03	78780.60	394733.34	33.71	Soil	9,360	-0.74
08/06/2021	14:16:04	78780.61	394733.65	33.72	Soil	10,140	-0.20
08/06/2021	14:16:05	78780.57	394733.89	33.81	Soil	10,260	-0.12
08/06/2021	14:16:06	78780.37	394733.53	33.92	Soil	11,700	0.87
08/06/2021	14:16:07	78780.12	394733.36	33.90	Soil	10,020	-0.28
08/06/2021	14:16:08	78780.20	394733.61	33.85	Soil	9,660	-0.53
08/06/2021	14:16:09	78780.40	394733.81	33.84	Soil	8,880	-1.06
08/06/2021	14:16:10	78780.19	394733.73	33.85	Soil	10,020	-0.28
08/06/2021	14:16:11	78780.06	394733.66	33.93	Soil	10,380	-0.04
08/06/2021	14:16:12	78780.06	394733.72	34.02	Soil	10,320	-0.08
08/06/2021	14:16:13	78780.03	394733.58	34.11	Soil	10,440	0.00
08/06/2021	14:16:14	78780.05	394733.53	34.13	Soil	10,680	0.17
08/06/2021	14:16:15	78780.11	394733.73	34.28	Soil	10,260	-0.12
08/06/2021	14:16:16	78780.04	394733.53	34.22	Soil	9,960	-0.32
08/06/2021	14:16:17	78779.93	394733.33	34.18	Soil	11,520	0.74
08/06/2021	14:16:18	78779.88	394733.58	34.22	Soil	11,160	0.50
08/06/2021	14:16:19	78779.88	394733.64	34.26	Soil	9,540	-0.61
08/06/2021	14:16:20	78779.94	394733.32	34.37	Soil	9,720	-0.49
08/06/2021	14:16:21	78779.95	394733.15	34.40	Soil	11,580	0.78
08/06/2021	14:16:22	78779.88	394733.60	34.41	Soil	10,440	0.00
08/06/2021	14:16:23	78779.82	394733.94	34.36	Soil	9,720	-0.49
08/06/2021	14:16:24	78779.81	394733.60	34.41	Soil	10,560	0.09
08/06/2021	14:16:25	78779.77	394733.31	34.42	Soil	11,460	0.70
08/06/2021	14:16:26	78779.73	394733.70	34.43	Soil	9,720	-0.49
08/06/2021	14:16:27	78779.68	394733.95	34.46	Soil	9,420	-0.69
08/06/2021	14:16:28	78779.64	394733.55	34.51	Soil	12,900	1.69
08/06/2021	14:16:29	78779.66	394733.34	34.49	Soil	10,560	0.09
08/06/2021	14:16:30	78779.70	394733.74	34.46	Soil	10,620	0.13

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08/06/2021	14:16:31	78779.67	394733.90	34.49	Soil	10,260	-0.12
08/06/2021	14:16:32	78779.59	394733.43	34.56	Soil	10,560	0.09
08/06/2021	14:16:33	78779.54	394733.36	34.54	Soil	9,240	-0.82
08/06/2021	14:16:34	78779.55	394733.87	34.53	Soil	10,620	0.13
08/06/2021	14:16:35	78779.54	394733.93	34.54	Soil	10,380	-0.04
08/06/2021	14:16:36	78779.47	394733.42	34.58	Soil	10,500	0.04
08/06/2021	14:16:37	78779.41	394733.41	34.59	Soil	9,420	-0.69
08/06/2021	14:16:38	78779.33	394733.78	34.58	Soil	9,600	-0.57
08/06/2021	14:16:39	78779.23	394733.71	34.66	Soil	10,020	-0.28
08/06/2021	14:16:40	78779.18	394733.46	34.70	Soil	10,560	0.09
08/06/2021	14:16:41	78779.25	394733.37	34.78	Soil	8,820	-1.10
08/06/2021	14:16:42	78779.29	394733.45	34.78	Soil	9,420	-0.69
08/06/2021	14:16:43	78779.21	394733.67	34.79	Soil	9,780	-0.45
08/06/2021	14:16:44	78779.27	394733.69	34.83	Soil	10,920	0.33
08/06/2021	14:16:45	78779.40	394733.29	34.79	Soil	10,560	0.09
08/06/2021	14:16:46	78779.38	394733.28	34.79	Soil	10,320	-0.08
08/06/2021	14:16:47	78779.26	394733.77	34.83	Soil	10,560	0.09
08/06/2021	14:16:48	78779.15	394733.68	34.83	Soil	11,280	0.58
08/06/2021	14:16:49	78779.06	394733.26	34.85	Soil	10,380	-0.04
08/06/2021	14:16:50	78779.10	394733.51	34.88	Soil	9,360	-0.74
08/06/2021	14:16:51	78779.20	394733.87	34.85	Soil	10,140	-0.20
08/06/2021	14:16:52	78779.12	394733.48	34.85	Soil	11,640	0.82
08/06/2021	14:16:53	78779.04	394733.09	34.90	Soil	9,480	-0.65
08/06/2021	14:16:54	78779.06	394733.54	34.89	Soil	10,680	0.17
08/06/2021	14:16:55	78779.00	394733.97	34.92	Soil	11,700	0.87
08/06/2021	14:16:56	78778.92	394733.61	34.90	Soil	10,920	0.33
08/06/2021	14:16:57	78778.98	394733.39	34.89	Soil	10,380	-0.04
08/06/2021	14:16:58	78778.97	394733.83	34.96	Soil	9,180	-0.86
08/06/2021	14:16:59	78778.96	394733.87	34.96	Soil	12,480	1.40
08/06/2021	14:17:00	78778.95	394733.34	34.95	Soil	12,960	1.73
08/06/2021	14:17:01	78778.87	394733.12	34.94	Soil	9,540	-0.61
08/06/2021	14:17:02	78778.95	394733.63	34.94	Soil	10,260	-0.12
08/06/2021	14:17:03	78778.93	394734.05	34.99	Soil	11,820	0.95
08/06/2021	14:17:04	78778.66	394733.88	35.01	Soil	11,340	0.62
08/06/2021	14:17:05	78778.57	394733.78	35.07	Soil	10,440	0.00
08/06/2021	14:17:06	78778.75	394733.98	35.13	Soil	10,140	-0.20
08/06/2021	14:17:07	78778.78	394733.81	35.14	Soil	11,280	0.58
08/06/2021	14:17:08	78778.67	394733.38	35.13	Soil	8,880	-1.06
08/06/2021	14:17:09	78778.52	394733.21	35.16	Soil	10,980	0.37
08/06/2021	14:17:10	78778.45	394733.44	35.19	Soil	10,860	0.29
08/06/2021	14:17:11	78778.65	394733.56	35.20	Soil	10,500	0.04
08/06/2021	14:17:12	78778.78	394733.34	35.18	Soil	11,640	0.82
08/06/2021	14:17:13	78778.64	394733.33	35.14	Soil	10,260	-0.12
08/06/2021	14:17:14	78778.50	394733.90	35.15	Soil	9,660	-0.53
08/06/2021	14:17:15	78778.50	394734.00	35.14	Soil	13,740	2.26
08/06/2021	14:17:16	78778.57	394733.47	35.11	Soil	11,460	0.70
08/06/2021	14:17:17	78778.67	394733.45	35.13	Soil	11,340	0.62
08/06/2021	14:17:18	78778.66	394733.97	35.18	Soil	9,900	-0.37
08/06/2021	14:17:19	78778.52	394733.83	35.13	Soil	11,700	0.87
08/06/2021	14:17:20	78778.44	394733.38	35.15	Soil	10,200	-0.16
08/06/2021	14:17:21	78778.53	394733.60	35.19	Soil	10,200	-0.16

SU 7B GWS RESULTS

08/06/2021	14:17:22	78778.60	394734.04	35.23	Soil	12,600	1.48
08/06/2021	14:17:23	78778.62	394733.84	35.18	Soil	12,060	1.11
08/06/2021	14:17:24	78778.64	394733.64	35.24	Soil	10,500	0.04
08/06/2021	14:17:25	78778.56	394733.93	35.27	Soil	10,920	0.33
08/06/2021	14:17:26	78778.38	394734.10	35.23	Soil	11,040	0.41
08/06/2021	14:17:27	78778.33	394733.72	35.24	Soil	12,180	1.19
08/06/2021	14:17:28	78778.39	394733.60	35.24	Soil	9,540	-0.61
08/06/2021	14:17:29	78778.53	394733.89	35.20	Soil	10,560	0.09
08/06/2021	14:17:30	78778.66	394733.92	35.17	Soil	12,720	1.56
08/06/2021	14:17:31	78778.57	394733.65	35.15	Soil	12,120	1.15
08/06/2021	14:17:32	78778.37	394733.53	35.13	Soil	9,900	-0.37
08/06/2021	14:17:33	78778.36	394733.59	35.17	Soil	11,700	0.87
08/06/2021	14:17:34	78778.40	394733.58	35.15	Soil	10,500	0.04
08/06/2021	14:17:35	78778.44	394733.51	35.11	Soil	11,820	0.95
08/06/2021	14:17:36	78778.44	394733.45	35.09	Soil	9,660	-0.53
08/06/2021	14:17:37	78778.38	394733.54	35.18	Soil	11,400	0.66
08/06/2021	14:17:38	78778.34	394733.72	35.16	Soil	10,440	0.00
08/06/2021	14:17:39	78778.44	394733.53	35.16	Soil	10,440	0.00
08/06/2021	14:17:40	78778.57	394733.22	35.24	Soil	11,220	0.54
08/06/2021	14:17:41	78778.58	394733.52	35.22	Soil	9,780	-0.45
08/06/2021	14:17:42	78778.40	394733.71	35.25	Soil	9,840	-0.41
08/06/2021	14:17:43	78778.33	394733.45	35.29	Soil	11,040	0.41
08/06/2021	14:17:44	78778.32	394733.29	35.27	Soil	9,060	-0.94
08/06/2021	14:17:45	78778.44	394733.48	35.32	Soil	10,740	0.21
08/06/2021	14:17:46	78778.44	394733.72	35.28	Soil	12,780	1.60
08/06/2021	14:17:47	78778.35	394733.67	35.26	Soil	12,120	1.15
08/06/2021	14:17:48	78778.46	394733.55	35.28	Soil	10,560	0.09
08/06/2021	14:17:49	78778.52	394733.59	35.32	Soil	11,520	0.74
08/06/2021	14:17:50	78778.43	394733.78	35.31	Soil	9,540	-0.61
08/06/2021	14:17:51	78778.29	394733.72	35.34	Soil	11,400	0.66
08/06/2021	14:17:52	78778.20	394733.36	35.43	Soil	10,200	-0.16
08/06/2021	14:17:53	78778.24	394733.37	35.30	Soil	9,600	-0.57
08/06/2021	14:17:54	78778.39	394733.87	35.35	Soil	10,440	0.00
08/06/2021	14:17:55	78778.50	394733.88	35.33	Soil	13,500	2.10
08/06/2021	14:17:56	78778.41	394733.38	35.33	Soil	11,400	0.66
08/06/2021	14:17:57	78778.28	394733.29	35.33	Soil	9,960	-0.32
08/06/2021	14:17:58	78778.22	394733.67	35.34	Soil	9,360	-0.74
08/06/2021	14:17:59	78778.36	394733.61	35.33	Soil	11,940	1.03
08/06/2021	14:18:00	78778.53	394733.26	35.33	Soil	10,620	0.13
08/06/2021	14:18:01	78778.51	394733.41	35.28	Soil	9,780	-0.45
08/06/2021	14:18:02	78778.34	394733.73	35.39	Soil	10,500	0.04
08/06/2021	14:18:03	78778.23	394733.66	35.38	Soil	10,080	-0.24
08/06/2021	14:18:04	78778.22	394733.38	35.42	Soil	10,440	0.00
08/06/2021	14:18:05	78778.34	394733.62	35.42	Soil	10,320	-0.08
08/06/2021	14:18:06	78778.52	394733.90	35.38	Soil	12,000	1.07
08/06/2021	14:18:07	78778.58	394733.53	35.37	Soil	10,560	0.09
08/06/2021	14:18:08	78778.58	394733.16	35.30	Soil	10,980	0.37
08/06/2021	14:18:09	78778.53	394733.58	35.34	Soil	11,520	0.74
08/06/2021	14:18:10	78778.48	394733.75	35.35	Soil	11,520	0.74
08/06/2021	14:18:11	78778.43	394733.39	35.36	Soil	10,380	-0.04
08/06/2021	14:18:12	78778.43	394733.44	35.31	Soil	11,460	0.70

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08/06/2021	14:18:13	78778.52	394733.61	35.32	Soil	10,380	-0.04
08/06/2021	14:18:14	78778.57	394733.60	35.31	Soil	8,700	-1.19
08/06/2021	14:18:15	78778.57	394733.58	35.30	Soil	10,680	0.17
08/06/2021	14:18:16	78778.56	394733.57	35.32	Soil	9,540	-0.61
08/06/2021	14:18:17	78778.56	394733.59	35.32	Soil	11,640	0.82
08/06/2021	14:18:18	78778.55	394733.60	35.33	Soil	10,140	-0.20
08/06/2021	14:18:19	78778.58	394733.65	35.32	Soil	9,540	-0.61
08/06/2021	14:18:20	78778.46	394733.77	35.31	Soil	11,340	0.62
08/06/2021	14:18:21	78778.32	394733.69	35.34	Soil	10,980	0.37
08/06/2021	14:18:22	78778.36	394733.56	35.32	Soil	10,020	-0.28
08/06/2021	14:18:23	78778.32	394733.60	35.33	Soil	9,960	-0.32
08/06/2021	14:18:24	78778.31	394733.75	35.33	Soil	11,160	0.50
08/06/2021	14:18:25	78778.41	394733.83	35.34	Soil	11,580	0.78
08/06/2021	14:18:26	78778.40	394733.84	35.33	Soil	10,860	0.29
08/06/2021	14:18:27	78778.29	394733.79	35.34	Soil	11,160	0.50
08/06/2021	14:18:28	78778.25	394733.72	35.37	Soil	9,480	-0.65
08/06/2021	14:18:29	78778.26	394733.73	35.38	Soil	9,180	-0.86
08/06/2021	14:18:30	78778.30	394733.79	35.40	Soil	10,140	-0.20
08/06/2021	14:18:31	78778.37	394733.84	35.39	Soil	10,860	0.29
08/06/2021	14:18:32	78778.37	394733.87	35.37	Soil	9,480	-0.65
08/06/2021	14:18:33	78778.31	394733.81	35.38	Soil	8,100	-1.60
08/06/2021	14:18:34	78778.31	394733.73	35.38	Soil	11,160	0.50
08/06/2021	14:18:35	78778.34	394733.69	35.37	Soil	10,020	-0.28
08/06/2021	14:18:36	78778.36	394733.74	35.38	Soil	10,620	0.13
08/06/2021	14:18:37	78778.42	394733.79	35.35	Soil	9,840	-0.41
08/06/2021	14:18:38	78778.47	394733.73	35.32	Soil	10,560	0.09
08/06/2021	14:18:39	78778.50	394733.73	35.34	Soil	11,820	0.95
08/06/2021	14:18:40	78778.46	394733.78	35.35	Soil	10,200	-0.16
08/06/2021	14:18:41	78778.37	394733.73	35.37	Soil	10,740	0.21
08/06/2021	14:18:42	78778.35	394733.55	35.40	Soil	8,820	-1.10
08/06/2021	14:18:43	78778.40	394733.59	35.44	Soil	9,360	-0.74
08/06/2021	14:18:44	78778.43	394733.91	35.44	Soil	12,420	1.36
08/06/2021	14:18:45	78778.41	394733.85	35.43	Soil	11,100	0.45
08/06/2021	14:18:46	78778.35	394733.54	35.43	Soil	10,200	-0.16
08/06/2021	14:18:47	78778.29	394733.75	35.46	Soil	10,800	0.25
08/06/2021	14:18:48	78778.29	394734.10	35.50	Soil	10,860	0.29
08/06/2021	14:18:49	78778.38	394733.81	35.47	Soil	11,340	0.62
08/06/2021	14:18:50	78778.40	394733.29	35.54	Soil	9,360	-0.74
08/06/2021	14:18:51	78778.27	394733.47	35.52	Soil	10,800	0.25
08/06/2021	14:18:52	78778.22	394733.91	35.53	Soil	11,400	0.66
08/06/2021	14:18:53	78778.25	394733.73	35.52	Soil	11,160	0.50
08/06/2021	14:18:54	78778.32	394733.42	35.59	Soil	9,960	-0.32
08/06/2021	14:18:55	78778.34	394733.57	35.58	Soil	11,520	0.74
08/06/2021	14:18:56	78778.25	394733.66	35.56	Soil	10,620	0.13
08/06/2021	14:18:57	78778.13	394733.32	35.60	Soil	12,360	1.32
08/06/2021	14:18:58	78777.99	394733.13	35.61	Soil	11,340	0.62
08/06/2021	14:18:59	78777.93	394733.54	35.56	Soil	9,840	-0.41
08/06/2021	14:19:00	78778.11	394733.90	35.51	Soil	11,460	0.70
08/06/2021	14:19:01	78778.28	394733.64	35.51	Soil	11,100	0.45
08/06/2021	14:19:02	78778.29	394733.47	35.51	Soil	11,940	1.03
08/06/2021	14:19:03	78778.12	394733.93	35.57	Soil	10,560	0.09

SU 7B GWS RESULTS

08/06/2021	14:19:04	78777.92	394734.09	35.60	Soil	11,340	0.62
08/06/2021	14:19:05	78777.97	394733.54	35.63	Soil	10,680	0.17
08/06/2021	14:19:06	78778.06	394733.43	35.61	Soil	10,560	0.09
08/06/2021	14:19:07	78777.99	394733.90	35.70	Soil	10,740	0.21
08/06/2021	14:19:08	78777.88	394733.93	35.64	Soil	10,440	0.00
08/06/2021	14:19:09	78777.82	394733.41	35.68	Soil	10,140	-0.20
08/06/2021	14:19:10	78777.92	394733.54	35.65	Soil	10,320	-0.08
08/06/2021	14:19:11	78778.03	394733.82	35.66	Soil	10,320	-0.08
08/06/2021	14:19:12	78777.93	394733.46	35.68	Soil	9,120	-0.90
08/06/2021	14:19:13	78777.83	394733.13	35.65	Soil	10,260	-0.12
08/06/2021	14:19:14	78777.83	394733.52	35.58	Soil	10,500	0.04
08/06/2021	14:19:15	78777.84	394733.75	35.64	Soil	10,860	0.29
08/06/2021	14:19:16	78777.84	394733.36	35.72	Soil	9,960	-0.32
08/06/2021	14:19:17	78777.78	394733.14	35.73	Soil	10,740	0.21
08/06/2021	14:19:18	78777.60	394733.64	35.75	Soil	9,960	-0.32
08/06/2021	14:19:19	78777.63	394733.67	35.78	Soil	10,260	-0.12
08/06/2021	14:19:20	78777.75	394733.24	35.88	Soil	10,800	0.25
08/06/2021	14:19:21	78777.74	394733.42	35.85	Soil	11,640	0.82
08/06/2021	14:19:22	78777.48	394733.79	35.92	Soil	11,400	0.66
08/06/2021	14:19:23	78777.35	394733.40	36.07	Soil	10,020	-0.28
08/06/2021	14:19:24	78777.29	394733.20	35.99	Soil	10,920	0.33
08/06/2021	14:19:25	78777.38	394733.72	35.99	Soil	9,600	-0.57
08/06/2021	14:19:26	78777.32	394733.71	35.98	Soil	11,160	0.50
08/06/2021	14:19:27	78777.25	394733.26	36.05	Soil	10,080	-0.24
08/06/2021	14:19:28	78777.20	394733.43	36.03	Soil	10,800	0.25
08/06/2021	14:19:29	78777.12	394733.79	36.06	Soil	12,180	1.19
08/06/2021	14:19:30	78777.19	394733.58	36.10	Soil	13,620	2.18
08/06/2021	14:19:31	78777.14	394733.21	36.17	Soil	10,500	0.04
08/06/2021	14:19:32	78777.05	394733.36	36.17	Soil	10,080	-0.24
08/06/2021	14:19:33	78777.03	394733.87	36.21	Soil	12,540	1.44
08/06/2021	14:19:34	78777.02	394733.63	36.19	Soil	14,400	2.71
08/06/2021	14:19:35	78777.23	394733.43	36.15	Soil	11,220	0.54
08/06/2021	14:19:36	78777.33	394733.94	36.13	Soil	11,580	0.78
08/06/2021	14:19:37	78777.08	394734.07	36.12	Soil	14,460	2.75
08/06/2021	14:19:38	78776.96	394733.79	36.19	Soil	11,880	0.99
08/06/2021	14:19:39	78776.94	394733.75	36.25	Soil	12,540	1.44
08/06/2021	14:19:40	78777.02	394733.63	36.36	Soil	10,380	-0.04
08/06/2021	14:19:41	78777.09	394733.33	36.39	Soil	10,920	0.33
08/06/2021	14:19:42	78777.01	394733.37	36.36	Soil	10,380	-0.04
08/06/2021	14:19:43	78776.98	394733.71	36.30	Soil	10,920	0.33
08/06/2021	14:19:44	78776.97	394733.61	36.36	Soil	12,360	1.32
08/06/2021	14:19:45	78776.87	394733.14	36.43	Soil	11,040	0.41
08/06/2021	14:19:46	78776.73	394733.37	36.40	Soil	12,480	1.40
08/06/2021	14:19:47	78776.62	394733.87	36.37	Soil	12,240	1.23
08/06/2021	14:19:48	78776.71	394733.67	36.46	Soil	9,480	-0.65
08/06/2021	14:19:49	78776.82	394733.27	36.46	Soil	11,340	0.62
08/06/2021	14:19:50	78776.84	394733.50	36.49	Soil	9,540	-0.61
08/06/2021	14:19:51	78776.66	394733.84	36.60	Soil	11,820	0.95
08/06/2021	14:19:52	78776.44	394733.73	36.61	Soil	10,620	0.13
08/06/2021	14:19:53	78776.49	394733.45	36.56	Soil	11,460	0.70
08/06/2021	14:19:54	78776.68	394733.66	36.53	Soil	11,520	0.74

SU 7B GWS RESULTS

08/06/2021	14:19:55	78776.79	394733.74	36.55	Soil	10,980	0.37
08/06/2021	14:19:56	78776.77	394733.36	36.60	Soil	11,760	0.91
08/06/2021	14:19:57	78776.76	394733.35	36.58	Soil	11,040	0.41
08/06/2021	14:19:58	78776.64	394733.84	36.57	Soil	10,140	-0.20
08/06/2021	14:19:59	78776.48	394733.95	36.58	Soil	9,360	-0.74
08/06/2021	14:20:00	78776.53	394733.58	36.62	Soil	10,560	0.09
08/06/2021	14:20:01	78776.61	394733.69	36.53	Soil	10,560	0.09
08/06/2021	14:20:02	78776.72	394734.21	36.49	Soil	11,640	0.82
08/06/2021	14:20:03	78776.67	394734.28	36.51	Soil	10,380	-0.04
08/06/2021	14:20:04	78776.62	394733.84	36.48	Soil	10,680	0.17
08/06/2021	14:20:05	78776.68	394733.87	36.41	Soil	11,940	1.03
08/06/2021	14:20:06	78776.69	394734.36	36.40	Soil	10,620	0.13
08/06/2021	14:20:07	78776.67	394734.36	36.35	Soil	11,100	0.45
08/06/2021	14:20:08	78776.80	394734.06	36.29	Soil	12,180	1.19
08/06/2021	14:20:09	78776.83	394734.11	36.33	Soil	13,200	1.89
08/06/2021	14:20:10	78776.73	394734.18	36.28	Soil	11,820	0.95
08/06/2021	14:20:11	78776.70	394734.02	36.30	Soil	10,740	0.21
08/06/2021	14:20:12	78776.76	394733.96	36.25	Soil	10,740	0.21
08/06/2021	14:20:13	78776.96	394734.23	36.27	Soil	11,640	0.82
08/06/2021	14:20:14	78777.08	394734.35	36.24	Soil	11,280	0.58
08/06/2021	14:20:15	78777.10	394734.04	36.30	Soil	11,940	1.03
08/06/2021	14:20:16	78777.05	394733.89	36.25	Soil	10,620	0.13
08/06/2021	14:20:17	78776.98	394734.20	36.23	Soil	11,400	0.66
08/06/2021	14:20:18	78777.03	394734.26	36.23	Soil	10,740	0.21
08/06/2021	14:20:19	78777.07	394734.09	36.21	Soil	11,220	0.54
08/06/2021	14:20:20	78777.01	394734.20	36.15	Soil	13,260	1.93
08/06/2021	14:20:21	78777.03	394734.16	36.19	Soil	10,320	-0.08
08/06/2021	14:20:22	78777.08	394733.81	36.18	Soil	11,580	0.78
08/06/2021	14:20:23	78777.09	394733.97	36.16	Soil	11,820	0.95
08/06/2021	14:20:24	78777.17	394734.46	36.14	Soil	11,280	0.58
08/06/2021	14:20:25	78777.25	394734.29	36.10	Soil	9,300	-0.78
08/06/2021	14:20:26	78777.21	394733.95	36.09	Soil	10,080	-0.24
08/06/2021	14:20:27	78777.12	394734.24	36.06	Soil	12,720	1.56
08/06/2021	14:20:28	78777.09	394734.62	36.03	Soil	11,400	0.66
08/06/2021	14:20:29	78777.08	394734.33	36.01	Soil	10,860	0.29
08/06/2021	14:20:30	78777.18	394734.21	35.98	Soil	12,300	1.28
08/06/2021	14:20:31	78777.34	394734.49	36.00	Soil	10,080	-0.24
08/06/2021	14:20:32	78777.40	394734.37	36.02	Soil	11,700	0.87
08/06/2021	14:20:33	78777.43	394733.91	36.01	Soil	12,180	1.19
08/06/2021	14:20:34	78777.41	394733.93	36.06	Soil	11,160	0.50
08/06/2021	14:20:35	78777.29	394734.31	36.10	Soil	12,600	1.48
08/06/2021	14:20:36	78777.18	394734.15	36.08	Soil	10,200	-0.16
08/06/2021	14:20:37	78777.10	394733.82	36.02	Soil	12,660	1.52
08/06/2021	14:20:38	78777.16	394733.99	36.00	Soil	11,700	0.87
08/06/2021	14:20:39	78777.42	394734.18	35.92	Soil	11,040	0.41
08/06/2021	14:20:40	78777.44	394733.89	35.99	Soil	9,480	-0.65
08/06/2021	14:20:41	78777.30	394733.74	36.00	Soil	12,600	1.48
08/06/2021	14:20:42	78777.30	394734.07	35.94	Soil	10,800	0.25
08/06/2021	14:20:43	78777.41	394734.26	35.93	Soil	11,220	0.54
08/06/2021	14:20:44	78777.51	394733.87	35.91	Soil	13,320	1.97
08/06/2021	14:20:45	78777.56	394733.85	35.85	Soil	12,720	1.56

SU 7B GWS RESULTS

08/06/2021	14:20:46	78777.44	394734.42	35.87	Soil	11,940	1.03
08/06/2021	14:20:47	78777.34	394734.38	35.77	Soil	12,780	1.60
08/06/2021	14:20:48	78777.45	394733.80	35.82	Soil	10,980	0.37
08/06/2021	14:20:49	78777.48	394733.85	35.76	Soil	12,420	1.36
08/06/2021	14:20:50	78777.52	394734.48	35.83	Soil	11,400	0.66
08/06/2021	14:20:51	78777.67	394734.39	35.75	Soil	10,680	0.17
08/06/2021	14:20:52	78777.64	394733.93	35.67	Soil	10,440	0.00
08/06/2021	14:20:53	78777.58	394734.00	35.69	Soil	10,080	-0.24
08/06/2021	14:20:54	78777.65	394734.19	35.74	Soil	12,480	1.40
08/06/2021	14:20:55	78777.72	394734.34	35.73	Soil	10,800	0.25
08/06/2021	14:20:56	78777.60	394734.22	35.67	Soil	10,800	0.25
08/06/2021	14:20:57	78777.50	394734.06	35.63	Soil	12,000	1.07
08/06/2021	14:20:58	78777.58	394734.13	35.65	Soil	10,860	0.29
08/06/2021	14:20:59	78777.63	394734.17	35.65	Soil	11,580	0.78
08/06/2021	14:21:00	78777.63	394734.17	35.68	Soil	11,160	0.50
08/06/2021	14:21:01	78777.70	394734.31	35.78	Soil	9,660	-0.53
08/06/2021	14:21:02	78777.79	394734.49	35.73	Soil	10,260	-0.12
08/06/2021	14:21:03	78777.82	394734.27	35.76	Soil	11,100	0.45
08/06/2021	14:21:04	78777.82	394734.00	35.75	Soil	10,260	-0.12
08/06/2021	14:21:05	78777.88	394734.24	35.73	Soil	10,740	0.21
08/06/2021	14:21:06	78777.87	394734.43	35.67	Soil	11,280	0.58
08/06/2021	14:21:07	78777.84	394734.17	35.67	Soil	8,820	-1.10
08/06/2021	14:21:08	78777.84	394734.13	35.64	Soil	10,860	0.29
08/06/2021	14:21:09	78777.82	394734.59	35.67	Soil	11,160	0.50
08/06/2021	14:21:10	78777.85	394734.61	35.63	Soil	8,640	-1.23
08/06/2021	14:21:11	78777.98	394734.07	35.60	Soil	9,480	-0.65
08/06/2021	14:21:12	78777.97	394734.04	35.60	Soil	9,660	-0.53
08/06/2021	14:21:13	78777.85	394734.47	35.62	Soil	10,500	0.04
08/06/2021	14:21:14	78777.83	394734.47	35.60	Soil	9,780	-0.45
08/06/2021	14:21:15	78777.80	394733.92	35.62	Soil	10,140	-0.20
08/06/2021	14:21:16	78777.80	394733.92	35.59	Soil	11,280	0.58
08/06/2021	14:21:17	78777.95	394734.41	35.63	Soil	11,880	0.99
08/06/2021	14:21:18	78777.96	394734.44	35.58	Soil	10,560	0.09
08/06/2021	14:21:19	78777.82	394733.88	35.63	Soil	10,980	0.37
08/06/2021	14:21:20	78777.77	394733.71	35.62	Soil	9,960	-0.32
08/06/2021	14:21:21	78777.87	394734.32	35.63	Soil	11,220	0.54
08/06/2021	14:21:22	78777.94	394734.59	35.63	Soil	11,760	0.91
08/06/2021	14:21:23	78777.99	394734.14	35.59	Soil	11,460	0.70
08/06/2021	14:21:24	78778.06	394733.99	35.64	Soil	10,860	0.29
08/06/2021	14:21:25	78778.04	394734.55	35.62	Soil	10,140	-0.20
08/06/2021	14:21:26	78778.03	394734.49	35.51	Soil	11,700	0.87
08/06/2021	14:21:27	78778.11	394733.92	35.58	Soil	10,920	0.33
08/06/2021	14:21:28	78778.09	394734.05	35.54	Soil	10,260	-0.12
08/06/2021	14:21:29	78777.99	394734.66	35.49	Soil	9,840	-0.41
08/06/2021	14:21:30	78778.05	394734.49	35.43	Soil	11,760	0.91
08/06/2021	14:21:31	78778.09	394733.99	35.41	Soil	9,780	-0.45
08/06/2021	14:21:32	78778.03	394733.86	35.37	Soil	10,860	0.29
08/06/2021	14:21:33	78777.99	394734.05	35.30	Soil	10,680	0.17
08/06/2021	14:21:34	78778.08	394734.18	35.33	Soil	11,520	0.74
08/06/2021	14:21:35	78778.19	394734.19	35.33	Soil	11,040	0.41
08/06/2021	14:21:36	78778.15	394734.27	35.44	Soil	10,680	0.17

SU 7B GWS RESULTS

08/06/2021	14:21:37	78778.07	394734.37	35.41	Soil	10,800	0.25
08/06/2021	14:21:38	78778.12	394734.33	35.44	Soil	12,000	1.07
08/06/2021	14:21:39	78778.24	394734.10	35.40	Soil	11,580	0.78
08/06/2021	14:21:40	78778.28	394734.32	35.37	Soil	11,040	0.41
08/06/2021	14:21:41	78778.18	394734.67	35.27	Soil	11,100	0.45
08/06/2021	14:21:42	78778.09	394734.43	35.36	Soil	9,780	-0.45
08/06/2021	14:21:43	78778.02	394733.99	35.33	Soil	10,860	0.29
08/06/2021	14:21:44	78778.10	394733.98	35.33	Soil	13,260	1.93
08/06/2021	14:21:45	78778.28	394734.28	35.27	Soil	11,400	0.66
08/06/2021	14:21:46	78778.23	394734.50	35.33	Soil	10,980	0.37
08/06/2021	14:21:47	78778.16	394734.13	35.36	Soil	12,780	1.60
08/06/2021	14:21:48	78778.35	394733.89	35.29	Soil	11,820	0.95
08/06/2021	14:21:49	78778.47	394734.35	35.28	Soil	12,480	1.40
08/06/2021	14:21:50	78778.29	394734.41	35.18	Soil	9,720	-0.49
08/06/2021	14:21:51	78778.29	394734.13	35.13	Soil	12,840	1.65
08/06/2021	14:21:52	78778.36	394734.05	35.12	Soil	11,940	1.03
08/06/2021	14:21:53	78778.44	394734.15	35.12	Soil	10,860	0.29
08/06/2021	14:21:54	78778.44	394734.24	35.10	Soil	11,640	0.82
08/06/2021	14:21:55	78778.32	394734.26	35.05	Soil	13,320	1.97
08/06/2021	14:21:56	78778.32	394734.28	35.09	Soil	12,900	1.69
08/06/2021	14:21:57	78778.40	394734.47	35.15	Soil	13,500	2.10
08/06/2021	14:21:58	78778.40	394734.54	35.20	Soil	12,300	1.28
08/06/2021	14:21:59	78778.31	394734.15	35.24	Soil	11,580	0.78
08/06/2021	14:22:00	78778.24	394734.05	35.30	Soil	12,060	1.11
08/06/2021	14:22:01	78778.25	394734.41	35.44	Soil	11,580	0.78
08/06/2021	14:22:02	78778.20	394734.38	35.57	Soil	13,020	1.77
08/06/2021	14:22:03	78778.13	394733.97	35.71	Soil	11,880	0.99
08/06/2021	14:22:04	78778.36	394734.14	35.96	Soil	11,160	0.50
08/06/2021	14:22:05	78778.69	394734.76	36.36	Soil	9,780	-0.45
08/06/2021	14:22:06	78778.64	394734.70	36.41	Soil	10,260	-0.12
08/06/2021	14:22:07	78778.40	394734.11	36.39	Soil	9,660	-0.53
08/06/2021	14:22:08	78778.46	394734.28	36.30	Soil	9,900	-0.37
08/06/2021	14:22:09	78778.48	394734.79	36.26	Soil	9,960	-0.32
08/06/2021	14:22:10	78778.19	394734.62	36.09	Soil	11,400	0.66
08/06/2021	14:22:11	78777.95	394734.04	35.97	Soil	10,440	0.00
08/06/2021	14:22:12	78778.01	394734.19	35.81	Soil	9,360	-0.74
08/06/2021	14:22:13	78778.09	394734.66	35.71	Soil	10,440	0.00
08/06/2021	14:22:14	78777.95	394734.53	35.61	Soil	9,780	-0.45
08/06/2021	14:22:15	78777.88	394734.26	35.63	Soil	10,980	0.37
08/06/2021	14:22:16	78778.03	394734.40	35.64	Soil	10,680	0.17
08/06/2021	14:22:17	78778.00	394734.45	35.60	Soil	10,980	0.37
08/06/2021	14:22:18	78777.97	394734.32	35.58	Soil	10,020	-0.28
08/06/2021	14:22:19	78777.98	394734.28	35.44	Soil	11,820	0.95
08/06/2021	14:22:20	78777.90	394734.27	35.44	Soil	10,380	-0.04
08/06/2021	14:22:21	78777.88	394734.26	35.43	Soil	10,080	-0.24
08/06/2021	14:22:22	78777.94	394734.33	35.63	Soil	12,180	1.19
08/06/2021	14:22:23	78777.96	394734.35	35.71	Soil	11,160	0.50
08/06/2021	14:22:24	78777.90	394734.34	35.67	Soil	11,520	0.74
08/06/2021	14:22:25	78777.80	394734.35	35.68	Soil	10,200	-0.16
08/06/2021	14:22:26	78777.63	394734.32	35.76	Soil	11,100	0.45
08/06/2021	14:22:27	78777.43	394734.27	35.68	Soil	11,100	0.45

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08/06/2021	14:22:28	78777.35	394734.30	35.71	Soil	9,720	-0.49
08/06/2021	14:22:29	78777.45	394734.34	35.90	Soil	11,220	0.54
08/06/2021	14:22:30	78777.55	394734.34	35.88	Soil	10,320	-0.08
08/06/2021	14:22:31	78777.62	394734.34	35.91	Soil	10,560	0.09
08/06/2021	14:22:32	78777.70	394734.35	35.86	Soil	9,900	-0.37
08/06/2021	14:22:33	78777.84	394734.16	35.78	Soil	9,480	-0.65
08/06/2021	14:22:34	78777.96	394734.10	35.70	Soil	11,640	0.82
08/06/2021	14:22:35	78777.89	394734.44	35.67	Soil	11,580	0.78
08/06/2021	14:22:36	78777.68	394734.47	35.74	Soil	10,440	0.00
08/06/2021	14:22:37	78777.72	394734.29	35.72	Soil	11,340	0.62
08/06/2021	14:22:38	78778.00	394734.39	35.68	Soil	11,100	0.45
08/06/2021	14:22:39	78778.13	394734.62	35.60	Soil	10,800	0.25
08/06/2021	14:22:40	78778.15	394734.29	35.58	Soil	11,640	0.82
08/06/2021	14:22:41	78778.15	394733.88	35.52	Soil	12,120	1.15
08/06/2021	14:22:42	78778.17	394734.22	35.41	Soil	10,860	0.29
08/06/2021	14:22:43	78778.14	394734.65	35.31	Soil	11,460	0.70
08/06/2021	14:22:44	78778.07	394734.49	35.31	Soil	10,080	-0.24
08/06/2021	14:22:45	78778.14	394734.16	35.36	Soil	11,100	0.45
08/06/2021	14:22:46	78778.18	394734.19	35.46	Soil	11,640	0.82
08/06/2021	14:22:47	78778.12	394734.51	35.59	Soil	10,080	-0.24
08/06/2021	14:22:48	78778.08	394734.56	35.57	Soil	11,520	0.74
08/06/2021	14:22:49	78778.04	394734.14	35.53	Soil	12,360	1.32
08/06/2021	14:22:50	78778.08	394733.90	35.40	Soil	10,260	-0.12
08/06/2021	14:22:51	78778.14	394734.34	35.36	Soil	10,020	-0.28
08/06/2021	14:22:52	78778.22	394734.66	35.21	Soil	10,440	0.00
08/06/2021	14:22:53	78778.27	394734.55	35.22	Soil	10,080	-0.24
08/06/2021	14:22:54	78778.24	394734.21	35.20	Soil	13,620	2.18
08/06/2021	14:22:55	78778.27	394734.15	35.16	Soil	9,900	-0.37
08/06/2021	14:22:56	78778.22	394734.33	35.27	Soil	11,040	0.41
08/06/2021	14:22:57	78778.21	394734.49	35.34	Soil	11,220	0.54
08/06/2021	14:22:58	78778.28	394734.53	35.27	Soil	9,420	-0.69
08/06/2021	14:22:59	78778.31	394734.24	35.34	Soil	10,320	-0.08
08/06/2021	14:23:00	78778.26	394734.19	35.27	Soil	10,440	0.00
08/06/2021	14:23:01	78778.30	394734.71	35.26	Soil	10,920	0.33
08/06/2021	14:23:02	78778.28	394734.78	35.22	Soil	12,420	1.36
08/06/2021	14:23:03	78778.33	394734.34	35.27	Soil	11,700	0.87
08/06/2021	14:23:04	78778.54	394734.38	35.20	Soil	11,880	0.99
08/06/2021	14:23:05	78778.48	394734.82	35.21	Soil	11,940	1.03
08/06/2021	14:23:06	78778.39	394734.59	35.12	Soil	10,560	0.09
08/06/2021	14:23:07	78778.57	394734.32	35.02	Soil	10,800	0.25
08/06/2021	14:23:08	78778.67	394734.74	35.06	Soil	12,300	1.28
08/06/2021	14:23:09	78778.63	394735.03	35.06	Soil	9,480	-0.65
08/06/2021	14:23:10	78778.65	394734.57	35.01	Soil	9,900	-0.37
08/06/2021	14:23:11	78778.66	394734.26	35.05	Soil	10,800	0.25
08/06/2021	14:23:12	78778.51	394734.68	35.10	Soil	10,320	-0.08
08/06/2021	14:23:13	78778.41	394734.94	35.08	Soil	10,980	0.37
08/06/2021	14:23:14	78778.49	394734.66	35.05	Soil	9,900	-0.37
08/06/2021	14:23:15	78778.61	394734.30	34.94	Soil	11,820	0.95
08/06/2021	14:23:16	78778.71	394734.50	34.99	Soil	11,520	0.74
08/06/2021	14:23:17	78778.66	394734.85	35.07	Soil	11,280	0.58
08/06/2021	14:23:18	78778.59	394734.80	35.01	Soil	10,620	0.13

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08/06/2021	14:23:19	78778.69	394734.31	35.01	Soil	11,160	0.50
08/06/2021	14:23:20	78778.71	394734.09	35.06	Soil	9,660	-0.53
08/06/2021	14:23:21	78778.72	394734.49	34.98	Soil	13,200	1.89
08/06/2021	14:23:22	78778.80	394734.77	34.93	Soil	10,320	-0.08
08/06/2021	14:23:23	78778.90	394734.49	34.89	Soil	9,300	-0.78
08/06/2021	14:23:24	78778.93	394734.04	34.93	Soil	12,480	1.40
08/06/2021	14:23:25	78778.84	394734.20	34.82	Soil	10,380	-0.04
08/06/2021	14:23:26	78778.93	394734.76	34.78	Soil	10,200	-0.16
08/06/2021	14:23:27	78778.88	394734.94	34.79	Soil	11,040	0.41
08/06/2021	14:23:28	78778.81	394734.67	34.76	Soil	11,340	0.62
08/06/2021	14:23:29	78778.91	394734.25	34.73	Soil	10,200	-0.16
08/06/2021	14:23:30	78778.93	394734.41	34.67	Soil	12,180	1.19
08/06/2021	14:23:31	78778.96	394734.90	34.74	Soil	10,860	0.29
08/06/2021	14:23:32	78778.79	394734.84	34.83	Soil	10,380	-0.04
08/06/2021	14:23:33	78778.69	394734.47	34.93	Soil	11,040	0.41
08/06/2021	14:23:34	78778.77	394734.38	34.89	Soil	10,980	0.37
08/06/2021	14:23:35	78778.83	394734.61	34.80	Soil	10,680	0.17
08/06/2021	14:23:36	78778.86	394734.76	34.80	Soil	10,800	0.25
08/06/2021	14:23:37	78778.83	394734.47	34.89	Soil	10,320	-0.08
08/06/2021	14:23:38	78778.85	394734.23	34.85	Soil	9,600	-0.57
08/06/2021	14:23:39	78778.88	394734.53	34.78	Soil	10,860	0.29
08/06/2021	14:23:40	78778.93	394734.78	34.71	Soil	10,080	-0.24
08/06/2021	14:23:41	78778.99	394734.33	34.74	Soil	12,600	1.48
08/06/2021	14:23:42	78779.09	394734.21	34.64	Soil	10,740	0.21
08/06/2021	14:23:43	78779.21	394734.51	34.54	Soil	11,640	0.82
08/06/2021	14:23:44	78779.27	394734.36	34.59	Soil	11,400	0.66
08/06/2021	14:23:45	78779.16	394734.21	34.58	Soil	9,480	-0.65
08/06/2021	14:23:46	78779.24	394734.44	34.59	Soil	10,680	0.17
08/06/2021	14:23:47	78779.39	394734.85	34.62	Soil	12,060	1.11
08/06/2021	14:23:48	78779.28	394734.78	34.54	Soil	10,740	0.21
08/06/2021	14:23:49	78779.36	394734.19	34.54	Soil	11,100	0.45
08/06/2021	14:23:50	78779.49	394734.35	34.51	Soil	12,780	1.60
08/06/2021	14:23:51	78779.39	394734.95	34.56	Soil	9,480	-0.65
08/06/2021	14:23:52	78779.44	394734.69	34.51	Soil	12,120	1.15
08/06/2021	14:23:53	78779.45	394734.15	34.46	Soil	9,420	-0.69
08/06/2021	14:23:54	78779.37	394734.48	34.39	Soil	9,960	-0.32
08/06/2021	14:23:55	78779.43	394734.89	34.43	Soil	9,600	-0.57
08/06/2021	14:23:56	78779.34	394734.46	34.54	Soil	9,780	-0.45
08/06/2021	14:23:57	78779.15	394734.03	34.68	Soil	10,440	0.00
08/06/2021	14:23:58	78779.19	394734.32	34.51	Soil	10,800	0.25
08/06/2021	14:23:59	78779.33	394734.77	34.41	Soil	9,840	-0.41
08/06/2021	14:24:00	78779.38	394734.73	34.39	Soil	9,420	-0.69
08/06/2021	14:24:01	78779.54	394734.28	34.39	Soil	8,760	-1.15
08/06/2021	14:24:02	78779.55	394734.23	34.40	Soil	9,480	-0.65
08/06/2021	14:24:03	78779.47	394734.68	34.31	Soil	9,540	-0.61
08/06/2021	14:24:04	78779.44	394734.66	34.31	Soil	9,420	-0.69
08/06/2021	14:24:05	78779.39	394734.40	34.42	Soil	7,800	-1.80
08/06/2021	14:24:06	78779.25	394734.46	34.65	Soil	10,020	-0.28
08/06/2021	14:24:07	78779.12	394734.59	34.67	Soil	10,080	-0.24
08/06/2021	14:24:08	78779.27	394734.79	34.56	Soil	11,160	0.50
08/06/2021	14:24:09	78779.31	394735.01	34.56	Soil	10,080	-0.24

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08/06/2021	14:24:10	78779.26	394734.78	34.47	Soil	11,700	0.87
08/06/2021	14:24:11	78779.42	394734.36	34.51	Soil	9,480	-0.65
08/06/2021	14:24:12	78779.61	394734.16	34.46	Soil	9,660	-0.53
08/06/2021	14:24:13	78779.57	394734.25	34.48	Soil	10,740	0.21
08/06/2021	14:24:14	78779.51	394734.49	34.47	Soil	9,120	-0.90
08/06/2021	14:24:15	78779.54	394734.30	34.46	Soil	10,920	0.33
08/06/2021	14:24:16	78779.52	394734.31	34.41	Soil	9,360	-0.74
08/06/2021	14:24:17	78779.50	394734.73	34.48	Soil	9,360	-0.74
08/06/2021	14:24:18	78779.54	394734.60	34.51	Soil	10,860	0.29
08/06/2021	14:24:19	78779.65	394734.18	34.45	Soil	10,980	0.37
08/06/2021	14:24:20	78779.77	394734.54	34.39	Soil	8,820	-1.10
08/06/2021	14:24:21	78779.76	394734.68	34.35	Soil	9,360	-0.74
08/06/2021	14:24:22	78779.72	394734.39	34.31	Soil	8,580	-1.27
08/06/2021	14:24:23	78779.77	394734.56	34.28	Soil	10,020	-0.28
08/06/2021	14:24:24	78779.73	394734.65	34.27	Soil	8,460	-1.35
08/06/2021	14:24:25	78779.69	394734.64	34.35	Soil	10,560	0.09
08/06/2021	14:24:26	78779.75	394734.68	34.23	Soil	10,200	-0.16
08/06/2021	14:24:27	78779.77	394734.54	34.29	Soil	8,700	-1.19
08/06/2021	14:24:28	78779.76	394734.41	34.23	Soil	9,780	-0.45
08/06/2021	14:24:29	78779.76	394734.83	34.27	Soil	11,280	0.58
08/06/2021	14:24:30	78779.69	394734.93	34.22	Soil	9,240	-0.82
08/06/2021	14:24:31	78779.77	394734.48	34.24	Soil	9,600	-0.57
08/06/2021	14:24:32	78779.93	394734.61	34.20	Soil	10,560	0.09
08/06/2021	14:24:33	78779.84	394735.00	34.19	Soil	8,280	-1.47
08/06/2021	14:24:34	78779.82	394734.68	34.16	Soil	11,280	0.58
08/06/2021	14:24:35	78779.98	394734.39	34.18	Soil	10,440	0.00
08/06/2021	14:24:36	78780.06	394734.66	34.06	Soil	10,200	-0.16
08/06/2021	14:24:37	78780.03	394734.78	34.00	Soil	8,640	-1.23
08/06/2021	14:24:38	78780.01	394734.40	33.94	Soil	9,840	-0.41
08/06/2021	14:24:39	78780.06	394734.59	33.91	Soil	9,480	-0.65
08/06/2021	14:24:40	78780.06	394734.94	33.86	Soil	10,140	-0.20
08/06/2021	14:24:41	78780.19	394734.63	33.87	Soil	8,940	-1.02
08/06/2021	14:24:42	78780.33	394734.50	33.85	Soil	8,760	-1.15
08/06/2021	14:24:43	78780.22	394734.96	33.93	Soil	9,120	-0.90
08/06/2021	14:24:44	78780.26	394734.96	33.83	Soil	9,960	-0.32
08/06/2021	14:24:45	78780.46	394734.45	33.85	Soil	9,120	-0.90
08/06/2021	14:24:46	78780.49	394734.38	33.86	Soil	10,380	-0.04
08/06/2021	14:24:47	78780.37	394734.80	33.92	Soil	9,840	-0.41
08/06/2021	14:24:48	78780.20	394734.80	33.96	Soil	9,480	-0.65
08/06/2021	14:24:49	78780.16	394734.44	33.94	Soil	10,020	-0.28
08/06/2021	14:24:50	78780.27	394734.66	33.98	Soil	10,200	-0.16
08/06/2021	14:24:51	78780.32	394734.82	33.92	Soil	8,400	-1.39
08/06/2021	14:24:52	78780.29	394734.53	33.93	Soil	8,520	-1.31
08/06/2021	14:24:53	78780.36	394734.61	33.95	Soil	10,620	0.13
08/06/2021	14:24:54	78780.48	394734.73	33.85	Soil	9,180	-0.86
08/06/2021	14:24:55	78780.63	394734.52	33.86	Soil	11,040	0.41
08/06/2021	14:24:56	78780.69	394734.57	33.90	Soil	9,360	-0.74
08/06/2021	14:24:57	78780.70	394734.91	33.90	Soil	10,020	-0.28
08/06/2021	14:24:58	78780.74	394734.76	33.88	Soil	8,940	-1.02
08/06/2021	14:24:59	78780.70	394734.52	33.81	Soil	8,940	-1.02
08/06/2021	14:25:00	78780.56	394734.79	33.86	Soil	6,960	-2.38

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08/06/2021	14:25:01	78780.64	394734.72	33.85	Soil	7,800	-1.80
08/06/2021	14:25:02	78780.81	394734.52	33.75	Soil	9,540	-0.61
08/06/2021	14:25:03	78780.77	394734.84	33.80	Soil	8,820	-1.10
08/06/2021	14:25:04	78780.68	394734.94	33.83	Soil	8,820	-1.10
08/06/2021	14:25:05	78780.75	394734.66	33.81	Soil	8,400	-1.39
08/06/2021	14:25:06	78780.85	394734.79	33.72	Soil	8,340	-1.43
08/06/2021	14:25:07	78780.84	394735.20	33.78	Soil	7,740	-1.84
08/06/2021	14:25:08	78780.87	394735.01	33.85	Soil	7,980	-1.68
08/06/2021	14:25:09	78781.03	394734.75	33.78	Soil	8,940	-1.02
08/06/2021	14:25:10	78781.15	394734.96	33.70	Soil	7,620	-1.93
08/06/2021	14:25:11	78781.19	394734.94	33.72	Soil	8,220	-1.52
08/06/2021	14:25:12	78781.16	394734.62	33.93	Soil	7,500	-2.01
08/06/2021	14:25:13	78781.11	394734.61	33.95	Soil	9,360	-0.74
08/06/2021	14:25:14	78781.15	394734.78	33.80	Soil	7,740	-1.84
08/06/2021	14:25:15	78781.23	394734.91	33.65	Soil	8,340	-1.43
08/06/2021	14:25:16	78781.21	394735.13	33.58	Soil	7,500	-2.01
08/06/2021	14:25:17	78781.14	394735.15	33.52	Soil	8,040	-1.64
08/06/2021	14:25:18	78781.10	394734.95	33.57	Soil	7,620	-1.93
08/06/2021	14:25:19	78781.11	394735.08	33.61	Soil	7,740	-1.84
08/06/2021	14:25:20	78781.22	394735.04	33.73	Soil	5,880	-3.12
08/06/2021	14:25:21	78781.33	394734.58	33.80	Soil	9,900	-0.37
08/06/2021	14:25:22	78781.34	394734.71	33.63	Soil	8,580	-1.27
08/06/2021	14:25:23	78781.38	394735.12	33.47	Soil	8,520	-1.31
08/06/2021	14:25:24	78781.52	394735.04	33.48	Soil	7,560	-1.97
08/06/2021	14:25:25	78781.76	394735.01	33.33	Soil	7,560	-1.97
08/06/2021	14:25:35	78781.79	394734.72	33.18	Soil	8,340	-1.43
08/06/2021	14:25:39	78781.78	394734.24	33.22	Soil	9,540	-0.61
08/06/2021	14:25:40	78781.76	394734.59	33.15	Soil	7,860	-1.76
08/06/2021	14:26:02	78781.78	394734.17	33.38	Soil	9,420	-0.69
08/06/2021	14:26:07	78781.71	394733.19	33.39	Soil	10,500	0.04
08/06/2021	14:26:08	78781.77	394733.60	33.29	Soil	9,900	-0.37
08/06/2021	14:26:27	78781.80	394733.70	33.75	Soil	9,360	-0.74
08/06/2021	14:26:28	78781.77	394734.21	33.77	Soil	8,820	-1.10
08/06/2021	14:26:31	78781.70	394733.58	33.91	Soil	10,860	0.29
08/06/2021	14:26:32	78781.62	394733.20	34.04	Soil	10,500	0.04
08/06/2021	14:26:33	78781.49	394733.17	34.10	Soil	11,220	0.54
08/06/2021	14:26:34	78781.25	394733.12	34.13	Soil	10,320	-0.08
08/06/2021	14:26:35	78781.15	394733.25	34.12	Soil	9,300	-0.78
08/06/2021	14:26:36	78781.23	394733.58	34.03	Soil	9,720	-0.49
08/06/2021	14:26:37	78781.17	394733.48	34.13	Soil	10,200	-0.16
08/06/2021	14:26:38	78781.12	394733.30	34.07	Soil	10,260	-0.12
08/06/2021	14:26:39	78781.29	394733.55	34.02	Soil	11,460	0.70
08/06/2021	14:26:40	78781.12	394733.75	34.10	Soil	9,720	-0.49
08/06/2021	14:26:41	78780.82	394733.53	34.06	Soil	8,640	-1.23
08/06/2021	14:26:42	78780.94	394733.51	33.90	Soil	9,240	-0.82
08/06/2021	14:26:43	78780.97	394733.52	34.00	Soil	11,100	0.45
08/06/2021	14:26:44	78780.74	394733.50	34.12	Soil	10,080	-0.24
08/06/2021	14:26:45	78780.60	394733.63	34.05	Soil	8,700	-1.19
08/06/2021	14:26:46	78780.49	394733.64	34.10	Soil	10,380	-0.04
08/06/2021	14:26:47	78780.40	394733.39	34.26	Soil	11,280	0.58
08/06/2021	14:26:48	78780.55	394733.38	34.41	Soil	9,600	-0.57

SU 7B GWS RESULTS

08/06/2021	14:26:49	78781.08	394733.45	34.36	Soil	10,320	-0.08
08/06/2021	14:26:50	78781.51	394733.64	34.33	Soil	8,100	-1.60
08/06/2021	14:26:51	78781.32	394733.95	34.29	Soil	10,500	0.04
08/06/2021	14:26:52	78781.15	394733.99	34.31	Soil	8,100	-1.60
08/06/2021	14:26:53	78781.26	394734.06	34.31	Soil	8,340	-1.43
08/06/2021	14:26:54	78781.08	394734.12	34.31	Soil	7,500	-2.01
08/06/2021	14:26:55	78781.01	394734.10	34.30	Soil	9,120	-0.90
08/06/2021	14:26:56	78781.27	394734.26	34.27	Soil	9,480	-0.65
08/06/2021	14:26:57	78781.11	394734.10	34.30	Soil	8,640	-1.23
08/06/2021	14:26:58	78781.03	394733.91	34.15	Soil	9,840	-0.41
08/06/2021	14:26:59	78781.38	394734.01	34.17	Soil	9,120	-0.90
08/06/2021	14:27:00	78781.27	394734.01	34.18	Soil	8,520	-1.31
08/06/2021	14:27:01	78781.04	394734.07	34.16	Soil	9,180	-0.86
08/06/2021	14:27:02	78781.38	394734.14	34.12	Soil	9,900	-0.37
08/06/2021	14:27:03	78781.46	394734.04	34.04	Soil	8,220	-1.52
08/06/2021	14:27:04	78781.23	394734.01	34.05	Soil	10,080	-0.24
08/06/2021	14:27:05	78781.23	394734.09	34.03	Soil	9,240	-0.82
08/06/2021	14:27:06	78781.27	394734.00	34.06	Soil	7,800	-1.80
08/06/2021	14:27:07	78781.13	394733.96	34.06	Soil	9,480	-0.65
08/06/2021	14:27:08	78781.26	394734.36	34.05	Soil	8,940	-1.02
08/06/2021	14:27:09	78781.34	394734.51	34.02	Soil	8,820	-1.10
08/06/2021	14:27:10	78781.10	394734.18	34.03	Soil	7,920	-1.72
08/06/2021	14:27:11	78781.28	394734.46	33.82	Soil	9,180	-0.86
08/06/2021	14:27:12	78781.62	394734.98	33.77	Soil	7,560	-1.97
08/06/2021	14:27:13	78781.54	394734.84	33.69	Soil	7,860	-1.76
08/06/2021	14:27:14	78781.37	394734.57	33.68	Soil	8,340	-1.43
08/06/2021	14:27:15	78781.38	394734.80	33.72	Soil	9,420	-0.69
08/06/2021	14:27:16	78781.53	394734.86	33.70	Soil	6,720	-2.54
08/06/2021	14:27:17	78781.50	394734.59	33.71	Soil	7,740	-1.84
08/06/2021	14:27:18	78781.48	394734.43	33.74	Soil	8,700	-1.19
08/06/2021	14:27:19	78781.50	394734.68	33.67	Soil	8,220	-1.52
08/06/2021	14:27:20	78781.39	394734.82	33.65	Soil	8,520	-1.31
08/06/2021	14:27:21	78781.32	394734.66	33.83	Soil	7,200	-2.21
08/06/2021	14:27:22	78781.40	394734.59	33.90	Soil	7,860	-1.76
08/06/2021	14:27:23	78781.50	394734.43	33.92	Soil	8,460	-1.35
08/06/2021	14:27:24	78781.56	394734.25	33.91	Soil	7,800	-1.80
08/06/2021	14:27:25	78781.57	394734.38	33.89	Soil	8,580	-1.27
08/06/2021	14:27:26	78781.61	394734.34	33.93	Soil	7,980	-1.68
08/06/2021	14:27:27	78781.57	394734.25	33.91	Soil	8,280	-1.47
08/06/2021	14:27:28	78781.48	394734.39	33.95	Soil	8,760	-1.15
08/06/2021	14:27:29	78781.47	394734.39	34.04	Soil	7,440	-2.05
08/06/2021	14:27:30	78781.46	394734.27	34.05	Soil	8,820	-1.10
08/06/2021	14:27:31	78781.43	394734.36	34.04	Soil	9,180	-0.86
08/06/2021	14:27:32	78781.44	394734.40	34.12	Soil	9,000	-0.98
08/06/2021	14:27:33	78781.35	394734.31	34.19	Soil	7,920	-1.72
08/06/2021	14:27:34	78781.27	394734.34	34.22	Soil	8,460	-1.35
08/06/2021	14:27:35	78781.27	394734.44	34.32	Soil	8,040	-1.64
08/06/2021	14:27:36	78781.13	394734.38	34.37	Soil	8,640	-1.23
08/06/2021	14:27:37	78781.04	394734.37	34.36	Soil	8,280	-1.47
08/06/2021	14:27:38	78781.11	394734.46	34.43	Soil	7,500	-2.01
08/06/2021	14:27:39	78781.00	394734.42	34.57	Soil	8,940	-1.02

SU 7B GWS RESULTS

08/06/2021	14:27:40	78780.75	394734.38	34.58	Soil	10,800	0.25
08/06/2021	14:27:41	78780.81	394734.47	34.58	Soil	9,540	-0.61
08/06/2021	14:27:42	78780.89	394734.49	34.61	Soil	7,680	-1.88
08/06/2021	14:27:43	78780.65	394734.43	34.67	Soil	8,880	-1.06
08/06/2021	14:27:44	78780.58	394734.49	34.68	Soil	8,760	-1.15
08/06/2021	14:27:45	78780.77	394734.53	34.67	Soil	9,060	-0.94
08/06/2021	14:27:46	78780.68	394734.49	34.29	Soil	8,880	-1.06
08/06/2021	14:27:47	78780.47	394734.58	34.26	Soil	10,920	0.33
08/06/2021	14:27:48	78780.44	394734.58	34.27	Soil	8,460	-1.35
08/06/2021	14:27:49	78780.35	394734.40	34.37	Soil	10,200	-0.16
08/06/2021	14:27:50	78780.32	394734.67	34.38	Soil	10,020	-0.28
08/06/2021	14:27:51	78780.46	394734.96	34.39	Soil	8,700	-1.19
08/06/2021	14:27:52	78780.41	394734.65	34.46	Soil	9,420	-0.69
08/06/2021	14:27:53	78780.35	394734.57	34.39	Soil	10,140	-0.20
08/06/2021	14:27:54	78780.40	394734.94	34.33	Soil	9,060	-0.94
08/06/2021	14:27:55	78780.42	394734.93	34.37	Soil	7,920	-1.72
08/06/2021	14:27:56	78780.44	394734.74	34.37	Soil	9,120	-0.90
08/06/2021	14:27:57	78780.48	394734.89	34.31	Soil	7,980	-1.68
08/06/2021	14:27:58	78780.45	394734.96	34.34	Soil	8,880	-1.06
08/06/2021	14:27:59	78780.42	394734.63	34.34	Soil	8,760	-1.15
08/06/2021	14:28:00	78780.39	394734.59	34.36	Soil	8,160	-1.56
08/06/2021	14:28:01	78780.39	394735.01	34.37	Soil	8,460	-1.35
08/06/2021	14:28:02	78780.50	394734.96	34.34	Soil	7,440	-2.05
08/06/2021	14:28:03	78780.51	394734.62	34.38	Soil	9,180	-0.86
08/06/2021	14:28:04	78780.44	394734.62	34.45	Soil	9,780	-0.45
08/06/2021	14:28:05	78780.50	394734.78	34.40	Soil	9,720	-0.49
08/06/2021	14:28:06	78780.44	394734.79	34.39	Soil	8,520	-1.31
08/06/2021	14:28:07	78780.38	394734.54	34.55	Soil	9,240	-0.82
08/06/2021	14:28:08	78780.41	394734.38	34.58	Soil	8,820	-1.10
08/06/2021	14:28:09	78780.40	394734.36	34.55	Soil	10,020	-0.28
08/06/2021	14:28:10	78780.38	394734.39	34.60	Soil	8,760	-1.15
08/06/2021	14:28:11	78780.42	394734.39	34.67	Soil	9,780	-0.45
08/06/2021	14:28:12	78780.47	394734.44	34.67	Soil	9,000	-0.98
08/06/2021	14:28:13	78780.51	394734.48	34.69	Soil	9,540	-0.61
08/06/2021	14:28:14	78780.49	394734.28	34.69	Soil	9,300	-0.78
08/06/2021	14:28:15	78780.47	394734.33	34.60	Soil	10,140	-0.20
08/06/2021	14:28:16	78780.40	394734.71	34.49	Soil	9,240	-0.82
08/06/2021	14:28:17	78780.30	394734.55	34.36	Soil	8,640	-1.23
08/06/2021	14:28:18	78780.35	394734.43	34.33	Soil	8,520	-1.31
08/06/2021	14:28:19	78780.44	394734.51	34.31	Soil	9,900	-0.37
08/06/2021	14:28:20	78780.42	394734.56	34.34	Soil	8,520	-1.31
08/06/2021	14:28:21	78780.40	394734.54	34.32	Soil	9,180	-0.86
08/06/2021	14:28:22	78780.50	394734.39	34.36	Soil	10,020	-0.28
08/06/2021	14:28:23	78780.55	394734.22	34.39	Soil	8,880	-1.06
08/06/2021	14:28:24	78780.49	394734.03	34.37	Soil	8,820	-1.10
08/06/2021	14:28:25	78780.41	394733.96	34.41	Soil	12,180	1.19
08/06/2021	14:28:26	78780.38	394734.26	34.38	Soil	8,700	-1.19
08/06/2021	14:28:27	78780.45	394734.19	34.37	Soil	8,400	-1.39
08/06/2021	14:28:28	78780.59	394733.97	34.30	Soil	10,680	0.17
08/06/2021	14:28:29	78780.67	394734.34	34.37	Soil	9,660	-0.53
08/06/2021	14:28:30	78780.60	394734.51	34.43	Soil	8,940	-1.02

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08/06/2021	14:28:31	78780.50	394733.96	34.42	Soil	10,260	-0.12
08/06/2021	14:28:32	78780.40	394734.01	34.27	Soil	11,280	0.58
08/06/2021	14:28:33	78780.34	394734.44	34.32	Soil	8,400	-1.39
08/06/2021	14:28:34	78780.30	394734.29	34.36	Soil	8,700	-1.19
08/06/2021	14:28:35	78780.26	394734.13	34.34	Soil	11,040	0.41
08/06/2021	14:28:36	78780.26	394734.30	34.33	Soil	10,500	0.04
08/06/2021	14:28:37	78780.33	394734.25	34.34	Soil	9,840	-0.41
08/06/2021	14:28:38	78780.42	394734.04	34.36	Soil	10,860	0.29
08/06/2021	14:28:39	78780.38	394734.20	34.34	Soil	10,680	0.17
08/06/2021	14:28:40	78780.32	394734.51	34.39	Soil	9,420	-0.69
08/06/2021	14:28:41	78780.18	394734.37	34.45	Soil	7,740	-1.84
08/06/2021	14:28:42	78780.16	394734.48	34.46	Soil	9,840	-0.41
08/06/2021	14:28:43	78780.30	394734.66	34.48	Soil	9,480	-0.65
08/06/2021	14:28:44	78780.35	394734.14	34.47	Soil	8,880	-1.06
08/06/2021	14:28:45	78780.17	394734.11	34.40	Soil	9,600	-0.57
08/06/2021	14:28:46	78780.17	394734.48	34.45	Soil	10,500	0.04
08/06/2021	14:28:47	78780.14	394734.33	34.45	Soil	9,600	-0.57
08/06/2021	14:28:48	78780.18	394733.97	34.43	Soil	11,220	0.54
08/06/2021	14:28:49	78780.17	394734.21	34.45	Soil	11,280	0.58
08/06/2021	14:28:50	78780.00	394734.41	34.47	Soil	11,220	0.54
08/06/2021	14:28:51	78779.95	394734.26	34.51	Soil	10,440	0.00
08/06/2021	14:28:52	78779.98	394734.35	34.58	Soil	9,960	-0.32
08/06/2021	14:28:53	78779.95	394734.65	34.54	Soil	9,480	-0.65
08/06/2021	14:28:54	78779.90	394734.42	34.57	Soil	9,540	-0.61
08/06/2021	14:28:55	78779.88	394734.14	34.60	Soil	10,020	-0.28
08/06/2021	14:28:56	78779.80	394734.41	34.62	Soil	9,360	-0.74
08/06/2021	14:28:57	78779.76	394734.43	34.60	Soil	9,360	-0.74
08/06/2021	14:28:58	78779.86	394734.07	34.57	Soil	9,180	-0.86
08/06/2021	14:28:59	78779.90	394734.39	34.51	Soil	9,600	-0.57
08/06/2021	14:29:00	78779.83	394735.11	34.50	Soil	8,940	-1.02
08/06/2021	14:29:01	78779.87	394735.01	34.50	Soil	9,360	-0.74
08/06/2021	14:29:02	78779.93	394734.91	34.44	Soil	9,960	-0.32
08/06/2021	14:29:03	78779.96	394735.29	34.38	Soil	9,720	-0.49
08/06/2021	14:29:04	78780.00	394735.22	34.39	Soil	8,880	-1.06
08/06/2021	14:29:05	78780.02	394734.81	34.36	Soil	10,860	0.29
08/06/2021	14:29:06	78780.11	394734.90	34.25	Soil	11,280	0.58
08/06/2021	14:29:07	78780.18	394735.36	34.26	Soil	8,280	-1.47
08/06/2021	14:29:08	78780.06	394735.42	34.26	Soil	8,760	-1.15
08/06/2021	14:29:09	78779.99	394735.10	34.21	Soil	9,300	-0.78
08/06/2021	14:29:10	78779.96	394734.99	34.23	Soil	8,700	-1.19
08/06/2021	14:29:11	78779.90	394735.05	34.25	Soil	8,400	-1.39
08/06/2021	14:29:12	78779.91	394735.05	34.25	Soil	8,640	-1.23
08/06/2021	14:29:13	78779.89	394735.03	34.29	Soil	8,520	-1.31
08/06/2021	14:29:14	78779.85	394735.02	34.25	Soil	8,640	-1.23
08/06/2021	14:29:15	78779.82	394735.04	34.24	Soil	8,400	-1.39
08/06/2021	14:29:16	78779.82	394734.98	34.23	Soil	9,720	-0.49
08/06/2021	14:29:17	78779.88	394734.92	34.35	Soil	9,420	-0.69
08/06/2021	14:29:18	78779.90	394734.88	34.48	Soil	9,180	-0.86
08/06/2021	14:29:19	78779.99	394735.10	34.45	Soil	9,660	-0.53
08/06/2021	14:29:20	78780.12	394735.56	34.45	Soil	10,140	-0.20
08/06/2021	14:29:21	78780.09	394735.57	34.45	Soil	9,540	-0.61

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08/06/2021	14:29:22	78780.01	394735.06	34.46	Soil	9,420	-0.69
08/06/2021	14:29:23	78780.03	394735.16	34.41	Soil	8,520	-1.31
08/06/2021	14:29:24	78780.10	394735.55	34.38	Soil	9,360	-0.74
08/06/2021	14:29:25	78780.12	394735.32	34.40	Soil	9,120	-0.90
08/06/2021	14:29:26	78780.11	394735.23	34.38	Soil	8,640	-1.23
08/06/2021	14:29:27	78780.02	394735.66	34.43	Soil	8,520	-1.31
08/06/2021	14:29:28	78779.92	394735.63	34.44	Soil	8,160	-1.56
08/06/2021	14:29:29	78779.88	394735.30	34.45	Soil	10,080	-0.24
08/06/2021	14:29:30	78779.99	394735.57	34.43	Soil	10,080	-0.24
08/06/2021	14:29:31	78780.07	394735.72	34.38	Soil	9,720	-0.49
08/06/2021	14:29:32	78779.95	394735.40	34.42	Soil	9,360	-0.74
08/06/2021	14:29:33	78779.94	394735.35	34.41	Soil	10,860	0.29
08/06/2021	14:29:34	78780.05	394735.60	34.40	Soil	9,300	-0.78
08/06/2021	14:29:35	78780.07	394735.62	34.43	Soil	7,920	-1.72
08/06/2021	14:29:36	78780.00	394735.54	34.42	Soil	8,700	-1.19
08/06/2021	14:29:37	78779.95	394735.73	34.44	Soil	9,360	-0.74
08/06/2021	14:29:38	78779.94	394735.82	34.39	Soil	10,140	-0.20
08/06/2021	14:29:39	78779.99	394735.65	34.35	Soil	9,240	-0.82
08/06/2021	14:29:40	78780.18	394735.62	34.38	Soil	10,020	-0.28
08/06/2021	14:29:41	78780.29	394735.72	34.33	Soil	7,800	-1.80
08/06/2021	14:29:42	78780.22	394735.60	34.30	Soil	8,880	-1.06
08/06/2021	14:29:43	78780.23	394735.52	34.21	Soil	9,900	-0.37
08/06/2021	14:29:44	78780.39	394735.73	34.17	Soil	9,180	-0.86
08/06/2021	14:29:45	78780.38	394735.91	34.15	Soil	8,940	-1.02
08/06/2021	14:29:46	78780.29	394735.60	34.14	Soil	8,220	-1.52
08/06/2021	14:29:47	78780.39	394735.37	34.05	Soil	10,800	0.25
08/06/2021	14:29:48	78780.45	394735.72	34.07	Soil	8,760	-1.15
08/06/2021	14:29:49	78780.42	394735.75	34.04	Soil	7,860	-1.76
08/06/2021	14:29:50	78780.38	394735.22	34.03	Soil	8,820	-1.10
08/06/2021	14:29:51	78780.37	394735.43	33.96	Soil	9,180	-0.86
08/06/2021	14:29:52	78780.39	394735.78	33.94	Soil	9,180	-0.86
08/06/2021	14:29:53	78780.38	394735.34	33.94	Soil	8,820	-1.10
08/06/2021	14:29:54	78780.40	394735.20	33.88	Soil	8,820	-1.10
08/06/2021	14:29:55	78780.40	394735.80	33.93	Soil	8,520	-1.31
08/06/2021	14:29:56	78780.38	394735.79	33.92	Soil	9,540	-0.61
08/06/2021	14:29:57	78780.59	394735.21	33.79	Soil	8,280	-1.47
08/06/2021	14:29:58	78780.64	394735.35	33.71	Soil	8,700	-1.19
08/06/2021	14:29:59	78780.53	394735.73	33.71	Soil	6,300	-2.83
08/06/2021	14:30:00	78780.53	394735.44	33.78	Soil	8,160	-1.56
08/06/2021	14:30:01	78780.59	394735.10	33.73	Soil	7,800	-1.80
08/06/2021	14:30:02	78780.77	394735.46	33.66	Soil	7,440	-2.05
08/06/2021	14:30:03	78780.61	394735.84	33.68	Soil	7,380	-2.09
08/06/2021	14:30:04	78780.66	394735.22	33.71	Soil	8,100	-1.60
08/06/2021	14:30:05	78780.85	394735.02	33.41	Soil	8,700	-1.19
08/06/2021	14:30:06	78780.99	394735.51	33.46	Soil	8,460	-1.35
08/06/2021	14:30:07	78781.07	394735.66	33.45	Soil	8,340	-1.43
08/06/2021	14:30:08	78780.99	394735.43	33.53	Soil	7,200	-2.21
08/06/2021	14:30:09	78781.11	394735.43	33.57	Soil	7,320	-2.13
08/06/2021	14:30:10	78781.05	394735.60	33.51	Soil	7,560	-1.97
08/06/2021	14:30:11	78781.14	394735.84	33.55	Soil	9,240	-0.82
08/06/2021	14:30:12	78781.15	394735.42	33.60	Soil	6,480	-2.71

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08/06/2021	14:30:13	78781.15	394735.30	33.58	Soil	7,500	-2.01
08/06/2021	14:30:14	78781.20	394735.64	33.53	Soil	6,840	-2.46
08/06/2021	14:30:15	78781.29	394735.58	33.58	Soil	7,320	-2.13
08/06/2021	14:30:16	78781.29	394735.15	33.50	Soil	7,140	-2.25
08/06/2021	14:30:17	78781.20	394735.42	33.41	Soil	7,440	-2.05
08/06/2021	14:30:18	78781.21	394735.68	33.54	Soil	8,160	-1.56
08/06/2021	14:30:19	78781.28	394735.32	33.68	Soil	9,300	-0.78
08/06/2021	14:30:20	78781.26	394735.20	33.52	Soil	7,920	-1.72
08/06/2021	14:30:21	78781.24	394735.70	33.44	Soil	8,400	-1.39
08/06/2021	14:30:22	78781.20	394735.78	33.54	Soil	8,040	-1.64
08/06/2021	14:30:23	78781.16	394735.31	33.57	Soil	7,320	-2.13
08/06/2021	14:30:24	78781.26	394735.47	33.41	Soil	8,880	-1.06
08/06/2021	14:30:25	78781.31	394735.93	33.40	Soil	8,220	-1.52
08/06/2021	14:30:26	78781.27	394735.73	33.53	Soil	8,340	-1.43
08/06/2021	14:30:27	78781.50	394735.18	33.34	Soil	8,820	-1.10
08/06/2021	14:30:28	78781.67	394735.48	33.07	Soil	7,920	-1.72
08/06/2021	14:30:29	78781.56	394735.65	33.00	Soil	13,260	1.93
08/06/2021	14:30:30	78781.59	394735.71	33.04	Soil	9,180	-0.86
08/06/2021	14:30:31	78781.71	394735.81	33.16	Soil	8,640	-1.23
08/06/2021	14:30:32	78781.78	394735.44	33.33	Soil	7,500	-2.01
08/06/2021	14:30:33	78781.73	394735.20	33.30	Soil	8,460	-1.35
08/06/2021	14:30:34	78781.62	394735.40	33.37	Soil	8,520	-1.31
08/06/2021	14:30:35	78781.45	394735.49	33.54	Soil	7,740	-1.84
08/06/2021	14:30:36	78781.35	394735.36	33.94	Soil	8,160	-1.56
08/06/2021	14:30:37	78781.38	394735.36	34.27	Soil	9,300	-0.78
08/06/2021	14:30:38	78781.20	394735.52	34.48	Soil	7,380	-2.09
08/06/2021	14:30:39	78780.83	394735.51	34.73	Soil	9,120	-0.90
08/06/2021	14:30:40	78780.67	394735.47	34.94	Soil	9,480	-0.65
08/06/2021	14:30:41	78780.54	394735.54	35.08	Soil	8,880	-1.06
08/06/2021	14:30:42	78780.21	394735.54	35.24	Soil	8,520	-1.31
08/06/2021	14:30:43	78780.00	394735.54	35.27	Soil	8,700	-1.19
08/06/2021	14:30:44	78780.07	394735.60	35.25	Soil	9,540	-0.61
08/06/2021	14:30:45	78780.05	394735.61	35.03	Soil	8,400	-1.39
08/06/2021	14:30:46	78779.85	394735.56	34.71	Soil	8,340	-1.43
08/06/2021	14:30:47	78779.71	394735.61	34.63	Soil	10,680	0.17
08/06/2021	14:30:48	78779.72	394735.68	34.66	Soil	9,600	-0.57
08/06/2021	14:30:49	78779.70	394735.56	34.60	Soil	9,420	-0.69
08/06/2021	14:30:50	78779.70	394735.60	34.56	Soil	9,840	-0.41
08/06/2021	14:30:51	78779.75	394735.96	34.57	Soil	7,260	-2.17
08/06/2021	14:30:52	78779.77	394735.69	34.57	Soil	9,000	-0.98
08/06/2021	14:30:53	78779.76	394735.15	34.49	Soil	10,020	-0.28
08/06/2021	14:30:54	78779.79	394735.62	34.48	Soil	7,500	-2.01
08/06/2021	14:30:55	78779.79	394735.93	34.51	Soil	8,880	-1.06
08/06/2021	14:30:56	78779.72	394735.45	34.50	Soil	7,020	-2.34
08/06/2021	14:30:57	78779.69	394735.45	34.48	Soil	9,240	-0.82
08/06/2021	14:30:58	78779.64	394736.02	34.41	Soil	9,480	-0.65
08/06/2021	14:30:59	78779.54	394735.90	34.45	Soil	9,780	-0.45
08/06/2021	14:31:00	78779.54	394735.48	34.49	Soil	10,380	-0.04
08/06/2021	14:31:01	78779.58	394735.64	34.45	Soil	9,000	-0.98
08/06/2021	14:31:02	78779.57	394736.01	34.43	Soil	10,620	0.13
08/06/2021	14:31:03	78779.63	394735.68	34.36	Soil	9,720	-0.49

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08/06/2021	14:31:04	78779.65	394735.46	34.43	Soil	9,660	-0.53
08/06/2021	14:31:05	78779.62	394735.78	34.43	Soil	10,680	0.17
08/06/2021	14:31:06	78779.50	394735.72	34.47	Soil	9,540	-0.61
08/06/2021	14:31:07	78779.50	394735.30	34.44	Soil	10,140	-0.20
08/06/2021	14:31:08	78779.60	394735.45	34.41	Soil	10,320	-0.08
08/06/2021	14:31:09	78779.59	394735.87	34.40	Soil	10,440	0.00
08/06/2021	14:31:10	78779.62	394735.48	34.46	Soil	12,480	1.40
08/06/2021	14:31:11	78779.60	394735.11	34.42	Soil	9,000	-0.98
08/06/2021	14:31:12	78779.47	394735.46	34.40	Soil	10,440	0.00
08/06/2021	14:31:13	78779.46	394735.57	34.40	Soil	10,440	0.00
08/06/2021	14:31:14	78779.50	394735.39	34.34	Soil	10,920	0.33
08/06/2021	14:31:15	78779.38	394735.29	34.45	Soil	10,320	-0.08
08/06/2021	14:31:16	78779.32	394735.46	34.47	Soil	9,600	-0.57
08/06/2021	14:31:17	78779.43	394735.68	34.50	Soil	11,580	0.78
08/06/2021	14:31:18	78779.43	394735.22	34.51	Soil	10,500	0.04
08/06/2021	14:31:19	78779.27	394735.15	34.49	Soil	10,140	-0.20
08/06/2021	14:31:20	78779.35	394735.50	34.51	Soil	10,140	-0.20
08/06/2021	14:31:21	78779.46	394735.30	34.55	Soil	10,200	-0.16
08/06/2021	14:31:22	78779.42	394734.90	34.58	Soil	9,480	-0.65
08/06/2021	14:31:23	78779.33	394735.30	34.58	Soil	10,560	0.09
08/06/2021	14:31:24	78779.17	394735.65	34.57	Soil	9,840	-0.41
08/06/2021	14:31:25	78779.07	394735.18	34.60	Soil	11,340	0.62
08/06/2021	14:31:26	78779.13	394735.06	34.59	Soil	11,760	0.91
08/06/2021	14:31:27	78779.24	394735.48	34.54	Soil	8,580	-1.27
08/06/2021	14:31:28	78779.01	394735.51	34.58	Soil	8,460	-1.35
08/06/2021	14:31:29	78779.03	394735.09	34.63	Soil	9,780	-0.45
08/06/2021	14:31:30	78779.18	394734.85	34.68	Soil	9,960	-0.32
08/06/2021	14:31:31	78779.03	394735.40	34.76	Soil	10,800	0.25
08/06/2021	14:31:32	78778.76	394735.53	34.77	Soil	8,940	-1.02
08/06/2021	14:31:33	78778.79	394735.00	34.74	Soil	9,840	-0.41
08/06/2021	14:31:34	78778.92	394735.03	34.77	Soil	10,620	0.13
08/06/2021	14:31:35	78779.00	394735.50	34.77	Soil	9,300	-0.78
08/06/2021	14:31:36	78778.88	394735.27	34.88	Soil	11,100	0.45
08/06/2021	14:31:37	78778.71	394734.78	34.84	Soil	9,900	-0.37
08/06/2021	14:31:38	78778.64	394735.05	34.83	Soil	10,080	-0.24
08/06/2021	14:31:39	78778.69	394735.54	34.84	Soil	9,840	-0.41
08/06/2021	14:31:40	78778.76	394735.17	34.91	Soil	9,900	-0.37
08/06/2021	14:31:41	78778.71	394734.85	34.89	Soil	11,460	0.70
08/06/2021	14:31:42	78778.48	394735.23	34.93	Soil	11,460	0.70
08/06/2021	14:31:43	78778.53	394735.58	34.92	Soil	8,940	-1.02
08/06/2021	14:31:44	78778.50	394735.21	34.98	Soil	9,480	-0.65
08/06/2021	14:31:45	78778.53	394734.98	35.05	Soil	11,340	0.62
08/06/2021	14:31:46	78778.56	394735.40	35.08	Soil	9,900	-0.37
08/06/2021	14:31:47	78778.52	394735.59	35.04	Soil	10,200	-0.16
08/06/2021	14:31:48	78778.49	394735.16	35.10	Soil	12,360	1.32
08/06/2021	14:31:49	78778.42	394735.15	35.17	Soil	10,620	0.13
08/06/2021	14:31:50	78778.26	394735.45	35.15	Soil	10,500	0.04
08/06/2021	14:31:51	78778.26	394735.08	35.10	Soil	10,620	0.13
08/06/2021	14:31:52	78778.32	394734.63	35.17	Soil	10,740	0.21
08/06/2021	14:31:53	78778.34	394735.03	35.24	Soil	10,740	0.21
08/06/2021	14:31:54	78778.37	394735.30	35.19	Soil	9,480	-0.65

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08/06/2021	14:31:55	78778.35	394734.70	35.22	Soil	8,640	-1.23
08/06/2021	14:31:56	78778.16	394734.45	35.19	Soil	11,520	0.74
08/06/2021	14:31:57	78778.04	394735.14	35.28	Soil	10,080	-0.24
08/06/2021	14:31:58	78777.99	394735.34	35.22	Soil	9,300	-0.78
08/06/2021	14:31:59	78778.07	394734.65	35.24	Soil	8,700	-1.19
08/06/2021	14:32:00	78778.28	394734.77	35.27	Soil	9,720	-0.49
08/06/2021	14:32:01	78777.91	394735.25	35.36	Soil	10,920	0.33
08/06/2021	14:32:02	78777.79	394735.01	35.38	Soil	9,000	-0.98
08/06/2021	14:32:03	78777.85	394734.61	35.33	Soil	9,300	-0.78
08/06/2021	14:32:04	78777.94	394734.86	35.42	Soil	11,880	0.99
08/06/2021	14:32:05	78778.05	394735.22	35.44	Soil	10,020	-0.28
08/06/2021	14:32:06	78778.03	394734.99	35.53	Soil	10,140	-0.20
08/06/2021	14:32:07	78777.94	394734.56	35.54	Soil	10,080	-0.24
08/06/2021	14:32:08	78777.89	394734.99	35.56	Soil	9,540	-0.61
08/06/2021	14:32:09	78777.90	394735.58	35.56	Soil	9,720	-0.49
08/06/2021	14:32:10	78777.86	394735.09	35.52	Soil	9,420	-0.69
08/06/2021	14:32:11	78777.79	394734.54	35.59	Soil	11,340	0.62
08/06/2021	14:32:12	78777.54	394734.84	35.64	Soil	11,940	1.03
08/06/2021	14:32:13	78777.50	394735.36	35.60	Soil	8,400	-1.39
08/06/2021	14:32:14	78777.51	394735.01	35.59	Soil	9,360	-0.74
08/06/2021	14:32:15	78777.54	394734.51	35.72	Soil	9,180	-0.86
08/06/2021	14:32:16	78777.57	394734.94	35.75	Soil	11,760	0.91
08/06/2021	14:32:17	78777.38	394735.31	35.71	Soil	7,380	-2.09
08/06/2021	14:32:18	78777.33	394734.83	35.79	Soil	9,960	-0.32
08/06/2021	14:32:19	78777.45	394734.51	35.76	Soil	11,400	0.66
08/06/2021	14:32:20	78777.54	394734.94	35.80	Soil	10,860	0.29
08/06/2021	14:32:21	78777.64	394735.11	35.81	Soil	10,200	-0.16
08/06/2021	14:32:22	78777.47	394734.80	35.86	Soil	10,200	-0.16
08/06/2021	14:32:23	78777.31	394734.54	35.84	Soil	12,420	1.36
08/06/2021	14:32:24	78777.31	394734.90	35.83	Soil	11,040	0.41
08/06/2021	14:32:25	78777.29	394735.23	35.80	Soil	9,540	-0.61
08/06/2021	14:32:26	78777.43	394734.81	35.84	Soil	8,880	-1.06
08/06/2021	14:32:27	78777.59	394734.65	35.91	Soil	11,220	0.54
08/06/2021	14:32:28	78777.49	394734.93	35.92	Soil	11,220	0.54
08/06/2021	14:32:29	78777.47	394735.02	35.99	Soil	9,180	-0.86
08/06/2021	14:32:30	78777.38	394734.55	36.00	Soil	11,700	0.87
08/06/2021	14:32:31	78777.26	394734.75	35.99	Soil	12,600	1.48
08/06/2021	14:32:32	78777.26	394735.45	36.08	Soil	9,840	-0.41
08/06/2021	14:32:33	78777.13	394735.28	36.17	Soil	9,660	-0.53
08/06/2021	14:32:34	78777.07	394734.62	36.15	Soil	12,240	1.23
08/06/2021	14:32:35	78777.21	394734.92	36.14	Soil	12,000	1.07
08/06/2021	14:32:36	78776.99	394735.29	36.12	Soil	9,900	-0.37
08/06/2021	14:32:37	78776.99	394735.05	36.13	Soil	10,740	0.21
08/06/2021	14:32:38	78777.12	394734.76	36.24	Soil	11,580	0.78
08/06/2021	14:32:39	78777.14	394734.54	36.22	Soil	11,100	0.45
08/06/2021	14:32:40	78776.97	394735.05	36.17	Soil	12,000	1.07
08/06/2021	14:32:41	78776.99	394735.49	36.19	Soil	10,800	0.25
08/06/2021	14:32:42	78776.92	394735.11	36.25	Soil	12,360	1.32
08/06/2021	14:32:43	78777.15	394734.54	36.29	Soil	10,860	0.29
08/06/2021	14:32:44	78777.13	394734.77	36.35	Soil	10,680	0.17
08/06/2021	14:32:45	78777.05	394735.25	36.33	Soil	9,420	-0.69

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08/06/2021	14:32:46	78777.06	394734.94	36.43	Soil	10,200	-0.16
08/06/2021	14:32:47	78776.92	394734.42	36.46	Soil	11,880	0.99
08/06/2021	14:32:48	78776.78	394734.79	36.46	Soil	10,920	0.33
08/06/2021	14:32:49	78776.94	394735.26	36.49	Soil	10,920	0.33
08/06/2021	14:32:50	78776.87	394734.85	36.50	Soil	9,240	-0.82
08/06/2021	14:32:51	78776.68	394734.49	36.50	Soil	10,440	0.00
08/06/2021	14:32:52	78776.70	394734.71	36.46	Soil	10,200	-0.16
08/06/2021	14:32:53	78776.88	394735.04	36.50	Soil	11,580	0.78
08/06/2021	14:32:54	78776.76	394734.93	36.61	Soil	10,740	0.21
08/06/2021	14:32:55	78776.62	394734.94	36.56	Soil	11,580	0.78
08/06/2021	14:32:56	78776.83	394735.19	36.56	Soil	10,800	0.25
08/06/2021	14:32:57	78776.70	394735.29	36.65	Soil	11,040	0.41
08/06/2021	14:32:58	78776.52	394734.73	36.69	Soil	10,200	-0.16
08/06/2021	14:32:59	78776.69	394734.62	36.60	Soil	11,400	0.66
08/06/2021	14:33:00	78776.83	394735.27	36.67	Soil	10,680	0.17
08/06/2021	14:33:01	78776.77	394735.05	36.72	Soil	9,600	-0.57
08/06/2021	14:33:02	78776.51	394734.36	36.63	Soil	11,760	0.91
08/06/2021	14:33:03	78776.45	394734.90	36.54	Soil	10,860	0.29
08/06/2021	14:33:04	78776.69	394735.48	36.55	Soil	9,480	-0.65
08/06/2021	14:33:05	78776.60	394735.21	36.58	Soil	10,860	0.29
08/06/2021	14:33:06	78776.49	394735.03	36.54	Soil	10,020	-0.28
08/06/2021	14:33:07	78776.61	394735.04	36.60	Soil	9,960	-0.32
08/06/2021	14:33:08	78776.69	394734.89	36.62	Soil	11,580	0.78
08/06/2021	14:33:09	78776.67	394734.89	36.66	Soil	10,380	-0.04
08/06/2021	14:33:10	78776.60	394735.27	36.63	Soil	11,160	0.50
08/06/2021	14:33:11	78776.53	394735.40	36.65	Soil	9,180	-0.86
08/06/2021	14:33:12	78776.48	394735.17	36.60	Soil	8,940	-1.02
08/06/2021	14:33:13	78776.56	394734.92	36.58	Soil	8,940	-1.02
08/06/2021	14:33:14	78776.63	394735.01	36.52	Soil	10,200	-0.16
08/06/2021	14:33:15	78776.67	394735.15	36.54	Soil	9,300	-0.78
08/06/2021	14:33:16	78776.61	394735.19	36.53	Soil	9,660	-0.53
08/06/2021	14:33:17	78776.64	394735.23	36.53	Soil	10,740	0.21
08/06/2021	14:33:18	78776.67	394735.34	36.53	Soil	10,500	0.04
08/06/2021	14:33:19	78776.64	394735.58	36.52	Soil	10,560	0.09
08/06/2021	14:33:20	78776.55	394735.77	36.50	Soil	10,980	0.37
08/06/2021	14:33:21	78776.61	394735.73	36.49	Soil	9,900	-0.37
08/06/2021	14:33:22	78776.66	394735.71	36.49	Soil	10,440	0.00
08/06/2021	14:33:23	78776.59	394735.79	36.66	Soil	11,040	0.41
08/06/2021	14:33:24	78776.57	394735.83	36.66	Soil	10,560	0.09
08/06/2021	14:33:25	78776.73	394735.76	36.55	Soil	9,600	-0.57
08/06/2021	14:33:26	78776.86	394735.55	36.46	Soil	10,920	0.33
08/06/2021	14:33:27	78776.66	394735.40	36.44	Soil	9,780	-0.45
08/06/2021	14:33:28	78776.51	394735.78	36.43	Soil	9,960	-0.32
08/06/2021	14:33:29	78776.66	394736.06	36.40	Soil	12,000	1.07
08/06/2021	14:33:30	78776.74	394735.62	36.46	Soil	11,760	0.91
08/06/2021	14:33:31	78776.76	394735.40	36.36	Soil	9,600	-0.57
08/06/2021	14:33:32	78776.78	394735.79	36.30	Soil	10,140	-0.20
08/06/2021	14:33:33	78776.80	394736.00	36.36	Soil	9,600	-0.57
08/06/2021	14:33:34	78776.79	394735.33	36.45	Soil	9,600	-0.57
08/06/2021	14:33:35	78776.92	394735.14	36.40	Soil	10,080	-0.24
08/06/2021	14:33:36	78776.86	394735.79	36.22	Soil	11,400	0.66

SU 7B GWS RESULTS

08/06/2021	14:33:37	78776.83	394736.16	36.19	Soil	10,080	-0.24
08/06/2021	14:33:38	78776.98	394735.78	36.23	Soil	10,680	0.17
08/06/2021	14:33:39	78776.96	394735.32	36.32	Soil	10,860	0.29
08/06/2021	14:33:40	78777.11	394735.35	36.27	Soil	12,240	1.23
08/06/2021	14:33:41	78777.05	394735.72	36.19	Soil	10,260	-0.12
08/06/2021	14:33:42	78776.88	394736.02	36.16	Soil	10,140	-0.20
08/06/2021	14:33:43	78777.07	394735.45	36.21	Soil	9,480	-0.65
08/06/2021	14:33:44	78777.25	394735.11	36.14	Soil	10,140	-0.20
08/06/2021	14:33:45	78777.18	394735.53	36.07	Soil	10,980	0.37
08/06/2021	14:33:46	78777.19	394735.91	36.10	Soil	9,000	-0.98
08/06/2021	14:33:47	78777.13	394735.63	36.08	Soil	7,920	-1.72
08/06/2021	14:33:48	78777.11	394735.49	36.07	Soil	9,480	-0.65
08/06/2021	14:33:49	78777.29	394735.81	36.04	Soil	8,940	-1.02
08/06/2021	14:33:50	78777.20	394736.01	36.06	Soil	9,780	-0.45
08/06/2021	14:33:51	78777.20	394735.70	36.00	Soil	8,340	-1.43
08/06/2021	14:33:52	78777.19	394735.31	35.98	Soil	9,480	-0.65
08/06/2021	14:33:53	78777.27	394735.56	35.94	Soil	9,540	-0.61
08/06/2021	14:33:54	78777.35	394735.90	35.94	Soil	9,240	-0.82
08/06/2021	14:33:55	78777.37	394735.39	35.99	Soil	9,120	-0.90
08/06/2021	14:33:56	78777.25	394735.03	36.06	Soil	10,800	0.25
08/06/2021	14:33:57	78777.14	394735.57	36.10	Soil	10,260	-0.12
08/06/2021	14:33:58	78777.22	394735.66	36.11	Soil	8,880	-1.06
08/06/2021	14:33:59	78777.27	394735.26	36.07	Soil	10,080	-0.24
08/06/2021	14:34:00	78777.12	394735.22	36.08	Soil	12,420	1.36
08/06/2021	14:34:01	78777.15	394735.46	35.99	Soil	10,560	0.09
08/06/2021	14:34:02	78777.29	394735.35	36.02	Soil	10,620	0.13
08/06/2021	14:34:03	78777.32	394734.91	35.96	Soil	10,560	0.09
08/06/2021	14:34:04	78777.30	394735.12	35.77	Soil	9,720	-0.49
08/06/2021	14:34:05	78777.36	394735.75	35.73	Soil	9,780	-0.45
08/06/2021	14:34:06	78777.45	394735.43	35.82	Soil	9,060	-0.94
08/06/2021	14:34:07	78777.47	394734.86	35.73	Soil	9,720	-0.49
08/06/2021	14:34:08	78777.43	394735.41	35.66	Soil	11,220	0.54
08/06/2021	14:34:09	78777.51	394736.16	35.65	Soil	9,240	-0.82
08/06/2021	14:34:10	78777.63	394735.93	35.61	Soil	8,040	-1.64
08/06/2021	14:34:11	78777.76	394735.47	35.64	Soil	9,300	-0.78
08/06/2021	14:34:12	78777.60	394735.41	35.71	Soil	8,880	-1.06
08/06/2021	14:34:13	78777.59	394735.44	35.69	Soil	9,600	-0.57
08/06/2021	14:34:14	78777.83	394735.51	35.70	Soil	10,020	-0.28
08/06/2021	14:34:15	78777.85	394735.46	35.64	Soil	9,900	-0.37
08/06/2021	14:34:16	78777.76	394735.29	35.73	Soil	8,700	-1.19
08/06/2021	14:34:17	78777.61	394735.41	35.71	Soil	9,240	-0.82
08/06/2021	14:34:18	78777.63	394735.94	35.72	Soil	10,680	0.17
08/06/2021	14:34:19	78777.69	394735.79	35.76	Soil	8,820	-1.10
08/06/2021	14:34:20	78777.68	394735.27	35.82	Soil	7,860	-1.76
08/06/2021	14:34:21	78777.61	394735.25	35.75	Soil	10,560	0.09
08/06/2021	14:34:22	78777.43	394735.61	35.62	Soil	8,520	-1.31
08/06/2021	14:34:23	78777.68	394735.54	35.66	Soil	10,500	0.04
08/06/2021	14:34:24	78777.84	394735.06	35.63	Soil	8,460	-1.35
08/06/2021	14:34:25	78777.76	394735.07	35.60	Soil	10,260	-0.12
08/06/2021	14:34:26	78777.71	394735.80	35.50	Soil	8,220	-1.52
08/06/2021	14:34:27	78777.82	394735.66	35.49	Soil	8,940	-1.02

SU 7B GWS RESULTS

08/06/2021	14:34:28	78777.91	394734.88	35.45	Soil	10,260	-0.12
08/06/2021	14:34:29	78777.99	394735.15	35.42	Soil	11,460	0.70
08/06/2021	14:34:30	78778.08	394735.71	35.40	Soil	9,600	-0.57
08/06/2021	14:34:31	78778.01	394735.72	35.40	Soil	10,500	0.04
08/06/2021	14:34:32	78777.97	394735.21	35.36	Soil	10,740	0.21
08/06/2021	14:34:33	78777.94	394735.30	35.41	Soil	10,500	0.04
08/06/2021	14:34:34	78777.94	394735.84	35.33	Soil	8,940	-1.02
08/06/2021	14:34:35	78778.02	394735.78	35.31	Soil	8,340	-1.43
08/06/2021	14:34:36	78778.24	394735.22	35.33	Soil	10,440	0.00
08/06/2021	14:34:37	78778.14	394735.12	35.42	Soil	9,420	-0.69
08/06/2021	14:34:38	78777.92	394735.45	35.44	Soil	9,480	-0.65
08/06/2021	14:34:39	78777.93	394735.33	35.45	Soil	8,520	-1.31
08/06/2021	14:34:40	78778.06	394735.02	35.32	Soil	10,020	-0.28
08/06/2021	14:34:41	78778.21	394735.38	35.33	Soil	11,040	0.41
08/06/2021	14:34:42	78778.25	394735.97	35.29	Soil	9,660	-0.53
08/06/2021	14:34:43	78778.17	394735.59	35.32	Soil	10,440	0.00
08/06/2021	14:34:44	78778.29	394734.82	35.29	Soil	11,160	0.50
08/06/2021	14:34:45	78778.40	394735.16	35.24	Soil	10,200	-0.16
08/06/2021	14:34:46	78778.58	394735.67	35.20	Soil	10,620	0.13
08/06/2021	14:34:47	78778.52	394735.44	35.25	Soil	9,000	-0.98
08/06/2021	14:34:48	78778.36	394734.95	35.22	Soil	11,340	0.62
08/06/2021	14:34:49	78778.32	394735.35	35.19	Soil	10,380	-0.04
08/06/2021	14:34:50	78778.35	394735.92	35.13	Soil	11,220	0.54
08/06/2021	14:34:51	78778.39	394735.55	35.12	Soil	9,780	-0.45
08/06/2021	14:34:52	78778.56	394735.04	35.09	Soil	10,500	0.04
08/06/2021	14:34:53	78778.52	394735.22	35.03	Soil	10,380	-0.04
08/06/2021	14:34:54	78778.44	394735.72	35.02	Soil	9,600	-0.57
08/06/2021	14:34:55	78778.45	394735.62	35.08	Soil	9,720	-0.49
08/06/2021	14:34:56	78778.67	394734.96	35.11	Soil	11,940	1.03
08/06/2021	14:34:57	78778.66	394734.87	35.05	Soil	11,460	0.70
08/06/2021	14:34:58	78778.70	394735.44	35.01	Soil	11,580	0.78
08/06/2021	14:34:59	78778.58	394735.82	34.95	Soil	9,300	-0.78
08/06/2021	14:35:00	78778.62	394735.66	34.95	Soil	10,500	0.04
08/06/2021	14:35:01	78778.79	394735.16	34.93	Soil	9,540	-0.61
08/06/2021	14:35:02	78778.81	394735.22	34.91	Soil	9,180	-0.86
08/06/2021	14:35:03	78778.63	394735.60	34.92	Soil	10,500	0.04
08/06/2021	14:35:04	78778.63	394735.54	34.91	Soil	9,660	-0.53
08/06/2021	14:35:05	78778.71	394735.41	34.84	Soil	10,440	0.00
08/06/2021	14:35:06	78778.89	394735.59	34.79	Soil	10,020	-0.28
08/06/2021	14:35:07	78778.84	394735.85	34.80	Soil	9,900	-0.37
08/06/2021	14:35:08	78778.88	394735.64	34.82	Soil	10,440	0.00
08/06/2021	14:35:09	78778.95	394735.11	34.72	Soil	9,780	-0.45
08/06/2021	14:35:10	78779.05	394735.26	34.68	Soil	9,240	-0.82
08/06/2021	14:35:11	78779.08	394735.87	34.66	Soil	9,840	-0.41
08/06/2021	14:35:12	78778.98	394735.86	34.64	Soil	11,460	0.70
08/06/2021	14:35:13	78779.14	394735.28	34.73	Soil	9,900	-0.37
08/06/2021	14:35:14	78779.04	394734.97	34.65	Soil	10,380	-0.04
08/06/2021	14:35:15	78779.06	394735.32	34.68	Soil	11,220	0.54
08/06/2021	14:35:16	78779.10	394735.59	34.65	Soil	8,100	-1.60
08/06/2021	14:35:17	78778.95	394735.68	34.76	Soil	10,260	-0.12
08/06/2021	14:35:18	78779.02	394735.64	34.65	Soil	9,120	-0.90

SU 7B GWS RESULTS

08/06/2021	14:35:19	78779.12	394735.46	34.54	Soil	8,520	-1.31
08/06/2021	14:35:20	78779.15	394735.30	34.46	Soil	9,600	-0.57
08/06/2021	14:35:21	78779.27	394735.53	34.56	Soil	11,160	0.50
08/06/2021	14:35:22	78779.11	394735.83	34.53	Soil	10,620	0.13
08/06/2021	14:35:23	78779.18	394735.75	34.49	Soil	10,200	-0.16
08/06/2021	14:35:24	78779.30	394735.27	34.43	Soil	9,660	-0.53
08/06/2021	14:35:25	78779.39	394735.41	34.48	Soil	11,100	0.45
08/06/2021	14:35:26	78779.31	394735.82	34.53	Soil	10,620	0.13
08/06/2021	14:35:27	78779.22	394735.78	34.49	Soil	11,400	0.66
08/06/2021	14:35:28	78779.50	394735.43	34.39	Soil	10,140	-0.20
08/06/2021	14:35:29	78779.51	394735.33	34.34	Soil	9,480	-0.65
08/06/2021	14:35:30	78779.49	394735.79	34.30	Soil	9,180	-0.86
08/06/2021	14:35:31	78779.68	394736.02	34.29	Soil	10,440	0.00
08/06/2021	14:35:32	78779.81	394735.56	34.28	Soil	9,420	-0.69
08/06/2021	14:35:33	78779.79	394735.44	34.28	Soil	11,160	0.50
08/06/2021	14:35:34	78779.66	394735.91	34.24	Soil	9,420	-0.69
08/06/2021	14:35:35	78779.72	394735.66	34.23	Soil	9,660	-0.53
08/06/2021	14:35:36	78779.79	394735.14	34.20	Soil	8,940	-1.02
08/06/2021	14:35:37	78779.74	394735.38	34.21	Soil	8,220	-1.52
08/06/2021	14:35:38	78779.97	394735.86	34.12	Soil	10,020	-0.28
08/06/2021	14:35:39	78780.01	394735.59	34.12	Soil	9,120	-0.90
08/06/2021	14:35:40	78779.91	394735.18	34.12	Soil	9,120	-0.90
08/06/2021	14:35:41	78779.82	394735.34	34.08	Soil	10,620	0.13
08/06/2021	14:35:42	78779.89	394735.73	34.00	Soil	8,940	-1.02
08/06/2021	14:35:43	78780.11	394735.55	34.04	Soil	7,920	-1.72
08/06/2021	14:35:44	78780.06	394735.31	34.03	Soil	8,460	-1.35
08/06/2021	14:35:45	78780.08	394735.49	33.99	Soil	8,760	-1.15
08/06/2021	14:35:46	78780.20	394735.93	33.94	Soil	7,920	-1.72
08/06/2021	14:35:47	78780.22	394735.73	34.00	Soil	8,520	-1.31
08/06/2021	14:35:48	78780.14	394735.17	33.95	Soil	8,640	-1.23
08/06/2021	14:35:49	78780.02	394735.52	33.95	Soil	9,000	-0.98
08/06/2021	14:35:50	78780.02	394736.03	33.86	Soil	8,460	-1.35
08/06/2021	14:35:51	78780.21	394735.67	33.85	Soil	8,940	-1.02
08/06/2021	14:35:52	78780.28	394735.12	33.88	Soil	8,760	-1.15
08/06/2021	14:35:53	78780.21	394735.51	33.88	Soil	7,740	-1.84
08/06/2021	14:35:54	78780.28	394736.03	33.82	Soil	9,840	-0.41
08/06/2021	14:35:55	78780.27	394735.69	33.71	Soil	7,260	-2.17
08/06/2021	14:35:56	78780.33	394735.35	33.75	Soil	8,040	-1.64
08/06/2021	14:35:57	78780.33	394735.94	33.76	Soil	9,060	-0.94
08/06/2021	14:35:58	78780.24	394736.03	33.78	Soil	7,500	-2.01
08/06/2021	14:35:59	78780.29	394735.23	33.71	Soil	9,000	-0.98
08/06/2021	14:36:00	78780.37	394735.31	33.66	Soil	8,400	-1.39
08/06/2021	14:36:01	78780.46	394736.14	33.63	Soil	9,180	-0.86
08/06/2021	14:36:02	78780.50	394735.79	33.64	Soil	8,520	-1.31
08/06/2021	14:36:03	78780.48	394735.32	33.59	Soil	8,460	-1.35
08/06/2021	14:36:04	78780.61	394735.41	33.51	Soil	8,640	-1.23
08/06/2021	14:36:05	78780.56	394735.83	33.49	Soil	8,100	-1.60
08/06/2021	14:36:06	78780.70	394735.97	33.50	Soil	9,120	-0.90
08/06/2021	14:36:07	78780.74	394735.43	33.49	Soil	9,180	-0.86
08/06/2021	14:36:08	78780.59	394735.12	33.47	Soil	7,680	-1.88
08/06/2021	14:36:09	78780.65	394735.74	33.41	Soil	8,040	-1.64

SU 7B GWS RESULTS

08/06/2021	14:36:10	78780.62	394735.98	33.42	Soil	6,600	-2.62
08/06/2021	14:36:11	78780.67	394735.47	33.42	Soil	8,460	-1.35
08/06/2021	14:36:12	78780.78	394735.46	33.35	Soil	8,760	-1.15
08/06/2021	14:36:13	78780.64	394735.92	33.33	Soil	6,840	-2.46
08/06/2021	14:36:14	78780.61	394735.79	33.41	Soil	7,380	-2.09
08/06/2021	14:36:15	78780.60	394735.45	33.37	Soil	8,280	-1.47
08/06/2021	14:36:16	78780.73	394735.31	33.23	Soil	7,020	-2.34
08/06/2021	14:36:17	78780.69	394735.59	33.38	Soil	9,120	-0.90
08/06/2021	14:36:18	78780.66	394735.65	33.45	Soil	8,040	-1.64
08/06/2021	14:36:19	78780.58	394735.98	33.45	Soil	8,160	-1.56
08/06/2021	14:36:20	78780.68	394735.65	33.49	Soil	8,400	-1.39
08/06/2021	14:36:21	78780.83	394735.40	33.40	Soil	8,100	-1.60
08/06/2021	14:36:22	78780.90	394735.76	33.42	Soil	6,660	-2.58
08/06/2021	14:36:23	78780.88	394735.73	33.43	Soil	8,280	-1.47
08/06/2021	14:36:24	78780.94	394735.20	33.32	Soil	6,660	-2.58
08/06/2021	14:36:25	78780.98	394735.36	33.31	Soil	6,600	-2.62
08/06/2021	14:36:26	78780.81	394735.82	33.31	Soil	7,800	-1.80
08/06/2021	14:36:27	78780.75	394735.86	33.20	Soil	7,560	-1.97
08/06/2021	14:36:28	78780.82	394735.43	33.18	Soil	6,660	-2.58
08/06/2021	14:36:29	78780.92	394735.58	33.27	Soil	6,720	-2.54
08/06/2021	14:36:30	78781.07	394735.75	33.34	Soil	7,080	-2.29
08/06/2021	14:36:31	78781.09	394735.24	33.38	Soil	6,780	-2.50
08/06/2021	14:36:32	78781.03	394735.24	33.31	Soil	6,780	-2.50
08/06/2021	14:36:33	78781.07	394735.99	33.28	Soil	7,800	-1.80
08/06/2021	14:36:34	78781.04	394735.89	33.41	Soil	7,980	-1.68
08/06/2021	14:36:35	78781.03	394735.22	33.46	Soil	7,320	-2.13
08/06/2021	14:36:36	78781.09	394735.70	33.39	Soil	9,660	-0.53
08/06/2021	14:36:37	78780.87	394736.05	33.43	Soil	8,100	-1.60
08/06/2021	14:36:38	78780.91	394735.64	33.55	Soil	8,640	-1.23
08/06/2021	14:36:39	78780.94	394735.41	33.56	Soil	8,100	-1.60
08/06/2021	14:36:40	78780.88	394735.74	33.48	Soil	8,040	-1.64
08/06/2021	14:36:41	78780.60	394735.95	33.41	Soil	8,100	-1.60
08/06/2021	14:36:42	78780.57	394735.72	33.41	Soil	6,360	-2.79
08/06/2021	14:36:43	78780.52	394735.71	33.42	Soil	7,380	-2.09
08/06/2021	14:36:44	78780.51	394735.83	33.46	Soil	7,860	-1.76
08/06/2021	14:36:45	78780.50	394736.18	33.45	Soil	8,160	-1.56
08/06/2021	14:36:46	78780.50	394736.60	33.44	Soil	7,560	-1.97
08/06/2021	14:36:47	78780.54	394736.47	33.48	Soil	8,100	-1.60
08/06/2021	14:36:48	78780.61	394736.72	33.44	Soil	8,580	-1.27
08/06/2021	14:36:49	78780.62	394736.86	33.43	Soil	8,880	-1.06
08/06/2021	14:36:50	78780.60	394736.82	33.42	Soil	7,020	-2.34
08/06/2021	14:36:51	78780.61	394736.89	33.44	Soil	8,100	-1.60
08/06/2021	14:36:52	78780.58	394736.86	33.39	Soil	8,340	-1.43
08/06/2021	14:36:53	78780.58	394736.91	33.41	Soil	8,640	-1.23
08/06/2021	14:36:54	78780.58	394736.90	33.41	Soil	8,160	-1.56
08/06/2021	14:36:55	78780.56	394736.88	33.38	Soil	9,420	-0.69
08/06/2021	14:36:56	78780.54	394736.91	33.35	Soil	8,160	-1.56
08/06/2021	14:36:57	78780.43	394736.93	33.37	Soil	8,280	-1.47
08/06/2021	14:36:58	78780.41	394736.87	33.39	Soil	8,580	-1.27
08/06/2021	14:36:59	78780.46	394736.88	33.38	Soil	8,580	-1.27
08/06/2021	14:37:00	78780.58	394736.94	33.41	Soil	8,100	-1.60

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08/06/2021	14:37:01	78780.61	394737.01	33.33	Soil	8,520	-1.31
08/06/2021	14:37:02	78780.69	394737.29	33.42	Soil	7,380	-2.09
08/06/2021	14:37:03	78780.76	394737.27	33.32	Soil	9,180	-0.86
08/06/2021	14:37:04	78780.70	394737.33	33.39	Soil	9,780	-0.45
08/06/2021	14:37:05	78780.79	394736.90	33.48	Soil	7,680	-1.88
08/06/2021	14:37:06	78780.68	394736.77	33.45	Soil	8,280	-1.47
08/06/2021	14:37:07	78780.55	394736.80	33.56	Soil	8,580	-1.27
08/06/2021	14:37:08	78780.59	394736.69	33.50	Soil	8,160	-1.56
08/06/2021	14:37:09	78780.63	394736.68	33.50	Soil	8,580	-1.27
08/06/2021	14:37:10	78780.57	394737.25	33.47	Soil	8,820	-1.10
08/06/2021	14:37:11	78780.57	394737.15	33.53	Soil	8,100	-1.60
08/06/2021	14:37:12	78780.68	394736.62	33.54	Soil	8,940	-1.02
08/06/2021	14:37:13	78780.74	394736.58	33.47	Soil	8,040	-1.64
08/06/2021	14:37:14	78780.77	394737.19	33.66	Soil	9,000	-0.98
08/06/2021	14:37:15	78780.77	394737.26	33.79	Soil	8,160	-1.56
08/06/2021	14:37:16	78780.56	394736.89	33.79	Soil	7,920	-1.72
08/06/2021	14:37:17	78780.45	394736.59	33.82	Soil	7,740	-1.84
08/06/2021	14:37:18	78780.52	394736.85	33.84	Soil	8,760	-1.15
08/06/2021	14:37:19	78780.43	394737.40	33.79	Soil	7,920	-1.72
08/06/2021	14:37:20	78780.43	394736.84	33.84	Soil	8,520	-1.31
08/06/2021	14:37:21	78780.46	394736.56	33.81	Soil	7,500	-2.01
08/06/2021	14:37:22	78780.26	394736.63	33.83	Soil	8,820	-1.10
08/06/2021	14:37:23	78780.47	394736.96	33.89	Soil	9,000	-0.98
08/06/2021	14:37:24	78780.46	394737.32	33.88	Soil	8,580	-1.27
08/06/2021	14:37:25	78780.23	394737.37	33.94	Soil	9,120	-0.90
08/06/2021	14:37:26	78780.40	394736.77	33.90	Soil	10,620	0.13
08/06/2021	14:37:27	78780.55	394736.64	33.98	Soil	8,280	-1.47
08/06/2021	14:37:28	78780.53	394737.00	33.96	Soil	8,400	-1.39
08/06/2021	14:37:29	78780.48	394737.07	34.07	Soil	9,720	-0.49
08/06/2021	14:37:30	78780.19	394736.55	34.04	Soil	8,340	-1.43
08/06/2021	14:37:31	78780.05	394736.90	34.05	Soil	7,980	-1.68
08/06/2021	14:37:32	78780.28	394737.22	33.93	Soil	7,860	-1.76
08/06/2021	14:37:33	78780.13	394736.96	33.98	Soil	10,080	-0.24
08/06/2021	14:37:34	78780.14	394736.91	34.02	Soil	9,060	-0.94
08/06/2021	14:37:35	78780.27	394736.60	34.03	Soil	8,040	-1.64
08/06/2021	14:37:36	78780.20	394736.74	33.99	Soil	6,960	-2.38
08/06/2021	14:37:37	78779.99	394737.10	33.92	Soil	7,800	-1.80
08/06/2021	14:37:38	78780.11	394737.13	33.93	Soil	10,800	0.25
08/06/2021	14:37:39	78779.99	394736.92	34.01	Soil	9,840	-0.41
08/06/2021	14:37:40	78779.99	394736.81	34.12	Soil	8,520	-1.31
08/06/2021	14:37:41	78780.24	394736.79	34.04	Soil	7,500	-2.01
08/06/2021	14:37:42	78780.34	394737.08	33.89	Soil	7,740	-1.84
08/06/2021	14:37:43	78780.20	394737.30	33.85	Soil	8,640	-1.23
08/06/2021	14:37:44	78780.26	394737.25	33.80	Soil	9,720	-0.49
08/06/2021	14:37:45	78780.26	394737.14	33.93	Soil	8,580	-1.27
08/06/2021	14:37:46	78780.20	394737.04	33.97	Soil	9,720	-0.49
08/06/2021	14:37:47	78780.32	394737.20	33.96	Soil	8,280	-1.47
08/06/2021	14:37:48	78780.44	394737.14	33.96	Soil	8,940	-1.02
08/06/2021	14:37:49	78780.50	394737.12	33.97	Soil	10,380	-0.04
08/06/2021	14:37:50	78780.47	394737.10	34.00	Soil	8,040	-1.64
08/06/2021	14:37:51	78780.44	394737.07	33.99	Soil	8,100	-1.60

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08/06/2021	14:37:52	78780.47	394737.05	33.98	Soil	8,820	-1.10
08/06/2021	14:37:53	78780.46	394737.01	33.99	Soil	8,460	-1.35
08/06/2021	14:37:54	78780.41	394737.00	34.00	Soil	8,160	-1.56
08/06/2021	14:37:55	78780.37	394737.01	34.01	Soil	8,580	-1.27
08/06/2021	14:37:56	78780.36	394737.01	33.99	Soil	8,880	-1.06
08/06/2021	14:37:57	78780.37	394737.00	33.99	Soil	8,760	-1.15
08/06/2021	14:37:58	78780.38	394736.96	33.98	Soil	7,140	-2.25
08/06/2021	14:37:59	78780.36	394736.95	33.97	Soil	8,400	-1.39
08/06/2021	14:38:00	78780.34	394736.95	33.93	Soil	7,500	-2.01
08/06/2021	14:38:01	78780.36	394736.95	33.93	Soil	9,060	-0.94
08/06/2021	14:38:02	78780.37	394736.93	33.93	Soil	8,700	-1.19
08/06/2021	14:38:03	78780.37	394736.93	33.93	Soil	8,160	-1.56
08/06/2021	14:38:04	78780.38	394736.91	33.94	Soil	10,260	-0.12
08/06/2021	14:38:05	78780.37	394736.91	33.94	Soil	8,700	-1.19
08/06/2021	14:38:06	78780.37	394736.90	33.90	Soil	9,900	-0.37
08/06/2021	14:38:07	78780.38	394736.87	33.88	Soil	8,580	-1.27
08/06/2021	14:38:08	78780.40	394736.85	33.86	Soil	9,120	-0.90
08/06/2021	14:38:09	78780.42	394736.84	33.85	Soil	9,540	-0.61
08/06/2021	14:38:10	78780.43	394736.82	33.83	Soil	9,120	-0.90
08/06/2021	14:38:11	78780.48	394736.79	33.76	Soil	8,940	-1.02
08/06/2021	14:38:12	78780.50	394736.73	33.80	Soil	7,680	-1.88
08/06/2021	14:38:13	78780.45	394736.88	33.78	Soil	8,700	-1.19
08/06/2021	14:38:14	78780.44	394736.84	33.77	Soil	9,000	-0.98
08/06/2021	14:38:15	78780.47	394736.82	33.74	Soil	8,160	-1.56
08/06/2021	14:38:16	78780.47	394736.77	33.69	Soil	9,360	-0.74
08/06/2021	14:38:17	78780.46	394736.72	33.60	Soil	8,640	-1.23
08/06/2021	14:38:18	78780.43	394736.73	33.64	Soil	8,820	-1.10
08/06/2021	14:38:19	78780.52	394737.10	33.64	Soil	9,060	-0.94
08/06/2021	14:38:20	78780.41	394737.13	33.58	Soil	8,100	-1.60
08/06/2021	14:38:21	78780.42	394736.45	33.67	Soil	9,660	-0.53
08/06/2021	14:38:22	78780.44	394736.31	33.59	Soil	8,820	-1.10
08/06/2021	14:38:23	78780.52	394736.00	33.36	Soil	8,460	-1.35
08/06/2021	14:38:24	78780.51	394736.50	33.41	Soil	8,460	-1.35
08/06/2021	14:38:25	78780.67	394736.51	33.44	Soil	8,280	-1.47
08/06/2021	14:38:26	78780.41	394736.55	33.55	Soil	8,280	-1.47
08/06/2021	14:38:27	78780.52	394736.19	33.60	Soil	6,960	-2.38
08/06/2021	14:38:28	78780.50	394736.32	33.64	Soil	9,480	-0.65
08/06/2021	14:38:29	78780.48	394737.08	33.70	Soil	8,760	-1.15
08/06/2021	14:38:30	78780.60	394736.70	33.72	Soil	8,880	-1.06
08/06/2021	14:38:31	78780.60	394735.85	33.66	Soil	8,220	-1.52
08/06/2021	14:38:32	78780.48	394736.17	33.66	Soil	9,480	-0.65
08/06/2021	14:38:33	78780.45	394736.79	33.75	Soil	8,700	-1.19
08/06/2021	14:38:34	78780.54	394736.31	33.76	Soil	8,520	-1.31
08/06/2021	14:38:35	78780.53	394735.92	33.61	Soil	7,620	-1.93
08/06/2021	14:38:36	78780.47	394736.92	33.48	Soil	9,000	-0.98
08/06/2021	14:38:37	78780.38	394737.27	33.52	Soil	10,500	0.04
08/06/2021	14:38:38	78780.50	394736.22	33.65	Soil	8,940	-1.02
08/06/2021	14:38:39	78780.32	394735.86	33.63	Soil	8,280	-1.47
08/06/2021	14:38:40	78780.32	394736.52	33.65	Soil	8,340	-1.43
08/06/2021	14:38:41	78780.44	394737.07	33.75	Soil	7,980	-1.68
08/06/2021	14:38:42	78780.24	394736.84	33.88	Soil	9,420	-0.69

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08/06/2021	14:38:43	78780.16	394736.72	33.84	Soil	8,940	-1.02
08/06/2021	14:38:44	78780.15	394736.03	33.90	Soil	9,060	-0.94
08/06/2021	14:38:45	78780.09	394735.98	33.92	Soil	6,420	-2.75
08/06/2021	14:38:46	78780.06	394736.83	33.97	Soil	7,980	-1.68
08/06/2021	14:38:47	78779.99	394736.80	33.96	Soil	8,280	-1.47
08/06/2021	14:38:48	78779.98	394735.99	33.85	Soil	7,440	-2.05
08/06/2021	14:38:49	78780.04	394736.29	33.94	Soil	7,920	-1.72
08/06/2021	14:38:50	78780.13	394737.03	33.99	Soil	8,460	-1.35
08/06/2021	14:38:51	78780.07	394736.73	34.06	Soil	8,580	-1.27
08/06/2021	14:38:52	78780.05	394736.13	34.07	Soil	8,580	-1.27
08/06/2021	14:38:53	78779.97	394736.45	34.13	Soil	8,280	-1.47
08/06/2021	14:38:54	78779.88	394736.85	34.11	Soil	9,120	-0.90
08/06/2021	14:38:55	78779.90	394736.28	33.97	Soil	7,860	-1.76
08/06/2021	14:38:56	78779.88	394736.07	34.00	Soil	8,700	-1.19
08/06/2021	14:38:57	78779.80	394736.61	34.01	Soil	7,620	-1.93
08/06/2021	14:38:58	78779.82	394736.67	34.07	Soil	9,360	-0.74
08/06/2021	14:38:59	78779.70	394736.32	34.16	Soil	8,340	-1.43
08/06/2021	14:39:00	78779.65	394736.16	34.14	Soil	7,440	-2.05
08/06/2021	14:39:01	78779.82	394736.65	34.14	Soil	7,740	-1.84
08/06/2021	14:39:02	78779.98	394736.68	34.18	Soil	9,780	-0.45
08/06/2021	14:39:03	78779.96	394736.12	34.24	Soil	8,340	-1.43
08/06/2021	14:39:04	78779.85	394736.13	34.23	Soil	6,300	-2.83
08/06/2021	14:39:05	78779.73	394736.76	34.24	Soil	9,120	-0.90
08/06/2021	14:39:06	78779.61	394736.53	34.29	Soil	9,720	-0.49
08/06/2021	14:39:07	78779.65	394735.86	34.23	Soil	8,700	-1.19
08/06/2021	14:39:08	78779.62	394736.05	34.23	Soil	8,340	-1.43
08/06/2021	14:39:09	78779.76	394736.74	34.21	Soil	8,880	-1.06
08/06/2021	14:39:10	78779.92	394736.40	34.26	Soil	10,380	-0.04
08/06/2021	14:39:11	78779.89	394735.69	34.18	Soil	8,760	-1.15
08/06/2021	14:39:12	78779.90	394736.12	34.24	Soil	8,760	-1.15
08/06/2021	14:39:13	78779.72	394736.88	34.24	Soil	8,100	-1.60
08/06/2021	14:39:14	78779.49	394736.29	34.43	Soil	9,600	-0.57
08/06/2021	14:39:15	78779.61	394735.77	34.31	Soil	9,540	-0.61
08/06/2021	14:39:16	78779.54	394736.20	34.27	Soil	8,340	-1.43
08/06/2021	14:39:17	78779.56	394736.74	34.31	Soil	8,520	-1.31
08/06/2021	14:39:18	78779.70	394736.14	34.34	Soil	7,980	-1.68
08/06/2021	14:39:19	78779.69	394735.78	34.37	Soil	8,880	-1.06
08/06/2021	14:39:20	78779.51	394736.61	34.42	Soil	9,240	-0.82
08/06/2021	14:39:21	78779.35	394736.78	34.48	Soil	10,680	0.17
08/06/2021	14:39:22	78779.42	394735.96	34.45	Soil	9,180	-0.86
08/06/2021	14:39:23	78779.38	394735.88	34.44	Soil	8,760	-1.15
08/06/2021	14:39:24	78779.41	394736.69	34.42	Soil	9,900	-0.37
08/06/2021	14:39:25	78779.54	394736.49	34.46	Soil	9,060	-0.94
08/06/2021	14:39:26	78779.30	394735.85	34.42	Soil	9,180	-0.86
08/06/2021	14:39:27	78779.22	394736.10	34.38	Soil	9,960	-0.32
08/06/2021	14:39:28	78779.23	394736.68	34.39	Soil	10,080	-0.24
08/06/2021	14:39:29	78779.33	394736.30	34.43	Soil	10,740	0.21
08/06/2021	14:39:30	78779.34	394735.84	34.47	Soil	10,680	0.17
08/06/2021	14:39:31	78779.12	394736.11	34.48	Soil	11,160	0.50
08/06/2021	14:39:32	78779.11	394736.78	34.51	Soil	11,400	0.66
08/06/2021	14:39:33	78779.08	394736.35	34.50	Soil	10,380	-0.04

SU 7B GWS RESULTS

08/06/2021	14:39:34	78779.18	394735.71	34.51	Soil	8,760	-1.15
08/06/2021	14:39:35	78779.28	394736.32	34.54	Soil	10,980	0.37
08/06/2021	14:39:36	78779.18	394736.89	34.56	Soil	10,560	0.09
08/06/2021	14:39:37	78779.06	394736.23	34.55	Soil	9,720	-0.49
08/06/2021	14:39:38	78778.97	394735.70	34.54	Soil	9,360	-0.74
08/06/2021	14:39:39	78779.01	394736.48	34.55	Soil	10,980	0.37
08/06/2021	14:39:40	78779.15	394736.74	34.55	Soil	10,920	0.33
08/06/2021	14:39:41	78779.11	394735.94	34.57	Soil	10,860	0.29
08/06/2021	14:39:42	78778.87	394735.74	34.62	Soil	10,920	0.33
08/06/2021	14:39:43	78778.81	394736.46	34.57	Soil	11,580	0.78
08/06/2021	14:39:44	78778.94	394736.65	34.49	Soil	10,500	0.04
08/06/2021	14:39:45	78779.25	394736.09	34.57	Soil	10,860	0.29
08/06/2021	14:39:46	78778.92	394736.03	34.53	Soil	11,640	0.82
08/06/2021	14:39:47	78778.99	394736.67	34.57	Soil	10,680	0.17
08/06/2021	14:39:48	78779.08	394736.38	34.51	Soil	10,740	0.21
08/06/2021	14:39:49	78779.00	394735.74	34.53	Soil	10,500	0.04
08/06/2021	14:39:50	78779.09	394736.49	34.51	Soil	10,140	-0.20
08/06/2021	14:39:51	78779.14	394737.09	34.55	Soil	9,660	-0.53
08/06/2021	14:39:52	78779.03	394736.38	34.63	Soil	9,900	-0.37
08/06/2021	14:39:53	78778.89	394735.85	34.65	Soil	9,840	-0.41
08/06/2021	14:39:54	78778.97	394736.59	34.67	Soil	9,900	-0.37
08/06/2021	14:39:55	78779.13	394736.81	34.70	Soil	10,080	-0.24
08/06/2021	14:39:56	78778.90	394735.87	34.75	Soil	11,700	0.87
08/06/2021	14:39:57	78778.70	394735.64	34.65	Soil	10,860	0.29
08/06/2021	14:39:58	78778.81	394736.55	34.65	Soil	9,120	-0.90
08/06/2021	14:39:59	78778.95	394736.61	34.70	Soil	10,320	-0.08
08/06/2021	14:40:00	78778.89	394736.02	34.77	Soil	10,800	0.25
08/06/2021	14:40:01	78778.66	394735.90	34.78	Soil	8,100	-1.60
08/06/2021	14:40:02	78778.70	394736.73	34.81	Soil	9,660	-0.53
08/06/2021	14:40:03	78778.66	394736.58	34.84	Soil	10,500	0.04
08/06/2021	14:40:04	78778.61	394735.92	34.81	Soil	10,500	0.04
08/06/2021	14:40:05	78778.68	394736.18	34.86	Soil	9,960	-0.32
08/06/2021	14:40:06	78778.72	394736.71	34.85	Soil	10,200	-0.16
08/06/2021	14:40:07	78778.57	394736.14	34.91	Soil	10,680	0.17
08/06/2021	14:40:08	78778.44	394735.75	34.92	Soil	8,820	-1.10
08/06/2021	14:40:09	78778.57	394736.55	34.90	Soil	11,460	0.70
08/06/2021	14:40:10	78778.56	394736.52	35.03	Soil	10,380	-0.04
08/06/2021	14:40:11	78778.36	394735.81	34.97	Soil	10,080	-0.24
08/06/2021	14:40:12	78778.45	394736.07	35.00	Soil	10,620	0.13
08/06/2021	14:40:13	78778.62	394736.61	35.06	Soil	10,560	0.09
08/06/2021	14:40:14	78778.51	394736.04	35.03	Soil	9,960	-0.32
08/06/2021	14:40:15	78778.46	394735.82	34.96	Soil	10,800	0.25
08/06/2021	14:40:16	78778.80	394736.71	34.93	Soil	9,900	-0.37
08/06/2021	14:40:17	78778.79	394736.59	34.96	Soil	9,780	-0.45
08/06/2021	14:40:18	78778.52	394735.69	34.98	Soil	10,320	-0.08
08/06/2021	14:40:19	78778.45	394735.84	34.93	Soil	9,720	-0.49
08/06/2021	14:40:20	78778.47	394736.51	34.96	Soil	9,660	-0.53
08/06/2021	14:40:21	78778.52	394736.05	34.99	Soil	10,440	0.00
08/06/2021	14:40:22	78778.40	394735.73	34.98	Soil	9,360	-0.74
08/06/2021	14:40:23	78778.38	394736.22	34.94	Soil	9,120	-0.90
08/06/2021	14:40:24	78778.49	394736.25	35.02	Soil	11,580	0.78

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08/06/2021	14:40:25	78778.60	394735.68	34.84	Soil	10,680	0.17
08/06/2021	14:40:26	78778.39	394735.68	34.76	Soil	9,420	-0.69
08/06/2021	14:40:27	78778.51	394736.20	34.80	Soil	8,820	-1.10
08/06/2021	14:40:28	78778.57	394736.34	34.90	Soil	9,720	-0.49
08/06/2021	14:40:29	78778.37	394735.79	34.96	Soil	9,120	-0.90
08/06/2021	14:40:30	78778.46	394735.88	34.94	Soil	10,020	-0.28
08/06/2021	14:40:31	78778.55	394735.94	35.09	Soil	10,740	0.21
08/06/2021	14:40:32	78778.26	394735.87	35.08	Soil	10,560	0.09
08/06/2021	14:40:33	78778.24	394736.46	35.11	Soil	10,740	0.21
08/06/2021	14:40:34	78778.36	394736.26	35.20	Soil	10,200	-0.16
08/06/2021	14:40:35	78778.27	394735.77	35.10	Soil	9,780	-0.45
08/06/2021	14:40:36	78778.07	394735.91	35.11	Soil	10,860	0.29
08/06/2021	14:40:37	78778.12	394736.23	35.14	Soil	9,540	-0.61
08/06/2021	14:40:38	78778.20	394736.25	35.31	Soil	10,380	-0.04
08/06/2021	14:40:39	78778.16	394735.65	35.21	Soil	10,980	0.37
08/06/2021	14:40:40	78778.09	394735.84	35.19	Soil	10,560	0.09
08/06/2021	14:40:41	78778.07	394736.53	35.29	Soil	10,260	-0.12
08/06/2021	14:40:42	78777.97	394736.05	35.32	Soil	10,140	-0.20
08/06/2021	14:40:43	78777.98	394735.50	35.16	Soil	9,900	-0.37
08/06/2021	14:40:44	78778.01	394736.17	35.23	Soil	8,400	-1.39
08/06/2021	14:40:45	78778.13	394736.40	35.30	Soil	9,900	-0.37
08/06/2021	14:40:46	78778.06	394735.72	35.29	Soil	10,500	0.04
08/06/2021	14:40:47	78777.98	394735.78	35.27	Soil	8,940	-1.02
08/06/2021	14:40:48	78777.91	394736.37	35.27	Soil	12,240	1.23
08/06/2021	14:40:49	78777.90	394736.09	35.32	Soil	11,760	0.91
08/06/2021	14:40:50	78777.94	394735.82	35.29	Soil	12,240	1.23
08/06/2021	14:40:51	78778.18	394736.21	35.25	Soil	10,380	-0.04
08/06/2021	14:40:52	78778.20	394736.18	35.38	Soil	11,280	0.58
08/06/2021	14:40:53	78778.07	394735.55	35.27	Soil	9,540	-0.61
08/06/2021	14:40:54	78778.05	394735.58	35.23	Soil	10,260	-0.12
08/06/2021	14:40:55	78778.24	394736.23	35.31	Soil	10,260	-0.12
08/06/2021	14:40:56	78778.22	394735.94	35.30	Soil	10,980	0.37
08/06/2021	14:40:57	78778.14	394735.69	35.37	Soil	9,540	-0.61
08/06/2021	14:40:58	78778.06	394736.21	35.35	Soil	9,960	-0.32
08/06/2021	14:40:59	78778.02	394736.13	35.44	Soil	8,220	-1.52
08/06/2021	14:41:00	78777.97	394735.41	35.37	Soil	9,600	-0.57
08/06/2021	14:41:01	78777.97	394735.64	35.35	Soil	10,500	0.04
08/06/2021	14:41:02	78777.83	394736.27	35.35	Soil	11,040	0.41
08/06/2021	14:41:03	78777.92	394735.89	35.41	Soil	10,440	0.00
08/06/2021	14:41:04	78778.09	394735.34	35.36	Soil	9,480	-0.65
08/06/2021	14:41:05	78778.03	394735.95	35.38	Soil	10,080	-0.24
08/06/2021	14:41:06	78777.83	394736.30	35.43	Soil	10,680	0.17
08/06/2021	14:41:07	78777.77	394735.64	35.36	Soil	10,680	0.17
08/06/2021	14:41:08	78777.82	394735.59	35.35	Soil	9,840	-0.41
08/06/2021	14:41:09	78777.76	394736.22	35.33	Soil	10,200	-0.16
08/06/2021	14:41:10	78777.67	394736.44	35.45	Soil	10,440	0.00
08/06/2021	14:41:11	78777.72	394735.84	35.43	Soil	9,720	-0.49
08/06/2021	14:41:12	78777.90	394735.92	35.41	Soil	7,140	-2.25
08/06/2021	14:41:13	78777.77	394736.48	35.47	Soil	9,300	-0.78
08/06/2021	14:41:14	78777.68	394736.20	35.48	Soil	9,540	-0.61
08/06/2021	14:41:15	78777.73	394735.56	35.42	Soil	8,700	-1.19

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08/06/2021	14:41:16	78777.74	394736.12	35.46	Soil	10,800	0.25
08/06/2021	14:41:17	78777.67	394736.52	35.48	Soil	9,900	-0.37
08/06/2021	14:41:18	78777.81	394735.95	35.46	Soil	11,460	0.70
08/06/2021	14:41:19	78777.76	394735.66	35.41	Soil	9,300	-0.78
08/06/2021	14:41:20	78777.58	394736.22	35.41	Soil	8,040	-1.64
08/06/2021	14:41:21	78777.63	394736.36	35.51	Soil	11,340	0.62
08/06/2021	14:41:22	78777.75	394735.66	35.44	Soil	10,140	-0.20
08/06/2021	14:41:23	78777.73	394735.71	35.37	Soil	9,120	-0.90
08/06/2021	14:41:24	78777.56	394736.39	35.41	Soil	9,540	-0.61
08/06/2021	14:41:25	78777.48	394736.16	35.52	Soil	10,980	0.37
08/06/2021	14:41:26	78777.49	394735.53	35.39	Soil	7,920	-1.72
08/06/2021	14:41:27	78777.73	394735.93	35.36	Soil	10,140	-0.20
08/06/2021	14:41:28	78777.72	394736.40	35.46	Soil	9,120	-0.90
08/06/2021	14:41:29	78777.53	394735.91	35.48	Soil	10,500	0.04
08/06/2021	14:41:30	78777.58	394735.71	35.43	Soil	10,380	-0.04
08/06/2021	14:41:31	78777.46	394736.03	35.42	Soil	9,060	-0.94
08/06/2021	14:41:32	78777.38	394736.18	35.53	Soil	9,600	-0.57
08/06/2021	14:41:33	78777.57	394735.85	35.54	Soil	9,540	-0.61
08/06/2021	14:41:34	78777.34	394735.70	35.50	Soil	8,100	-1.60
08/06/2021	14:41:35	78777.33	394736.34	35.52	Soil	9,720	-0.49
08/06/2021	14:41:36	78777.44	394736.25	35.63	Soil	9,660	-0.53
08/06/2021	14:41:37	78777.29	394735.55	35.57	Soil	11,040	0.41
08/06/2021	14:41:38	78777.30	394735.80	35.56	Soil	8,760	-1.15
08/06/2021	14:41:39	78777.21	394736.36	35.58	Soil	9,660	-0.53
08/06/2021	14:41:40	78777.43	394736.02	35.69	Soil	10,200	-0.16
08/06/2021	14:41:41	78777.33	394735.59	35.66	Soil	10,140	-0.20
08/06/2021	14:41:42	78777.17	394735.94	35.70	Soil	9,840	-0.41
08/06/2021	14:41:43	78777.23	394736.55	35.68	Soil	9,840	-0.41
08/06/2021	14:41:44	78777.36	394735.78	35.73	Soil	8,700	-1.19
08/06/2021	14:41:45	78777.21	394735.40	35.63	Soil	8,700	-1.19
08/06/2021	14:41:46	78777.10	394736.27	35.68	Soil	8,340	-1.43
08/06/2021	14:41:47	78777.04	394736.32	35.71	Soil	8,280	-1.47
08/06/2021	14:41:48	78777.43	394735.53	35.64	Soil	9,480	-0.65
08/06/2021	14:41:49	78777.20	394735.73	35.63	Soil	10,020	-0.28
08/06/2021	14:41:50	78777.02	394736.43	35.66	Soil	7,620	-1.93
08/06/2021	14:41:51	78777.04	394736.15	35.67	Soil	9,600	-0.57
08/06/2021	14:41:52	78777.27	394735.51	35.61	Soil	8,400	-1.39
08/06/2021	14:41:53	78777.29	394736.03	35.62	Soil	8,340	-1.43
08/06/2021	14:41:54	78777.20	394736.38	35.68	Soil	10,980	0.37
08/06/2021	14:41:55	78777.17	394735.78	35.66	Soil	8,880	-1.06
08/06/2021	14:41:56	78777.21	394735.88	35.68	Soil	8,700	-1.19
08/06/2021	14:41:57	78777.08	394736.46	35.67	Soil	7,800	-1.80
08/06/2021	14:41:58	78777.17	394736.03	35.77	Soil	10,560	0.09
08/06/2021	14:41:59	78777.21	394735.49	35.68	Soil	9,240	-0.82
08/06/2021	14:42:00	78777.27	394736.08	35.77	Soil	9,300	-0.78
08/06/2021	14:42:01	78777.26	394736.52	35.67	Soil	9,120	-0.90
08/06/2021	14:42:02	78777.30	394735.61	35.72	Soil	9,360	-0.74
08/06/2021	14:42:03	78777.22	394735.51	35.63	Soil	10,320	-0.08
08/06/2021	14:42:04	78777.10	394736.37	35.67	Soil	8,340	-1.43
08/06/2021	14:42:05	78777.14	394736.50	35.78	Soil	9,120	-0.90
08/06/2021	14:42:06	78777.17	394735.33	35.78	Soil	10,200	-0.16

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08/06/2021	14:42:07	78776.92	394735.47	35.77	Soil	9,420	-0.69
08/06/2021	14:42:08	78776.81	394736.49	35.72	Soil	8,520	-1.31
08/06/2021	14:42:09	78776.95	394735.91	35.90	Soil	7,980	-1.68
08/06/2021	14:42:10	78777.14	394735.11	35.79	Soil	9,600	-0.57
08/06/2021	14:42:11	78776.97	394735.94	35.87	Soil	10,080	-0.24
08/06/2021	14:42:12	78776.81	394736.64	35.83	Soil	10,920	0.33
08/06/2021	14:42:13	78776.93	394735.77	36.03	Soil	10,020	-0.28
08/06/2021	14:42:14	78776.88	394735.04	35.91	Soil	10,620	0.13
08/06/2021	14:42:15	78776.87	394735.89	35.94	Soil	10,500	0.04
08/06/2021	14:42:16	78776.72	394736.51	35.92	Soil	10,800	0.25
08/06/2021	14:42:17	78776.71	394735.55	36.13	Soil	11,460	0.70
08/06/2021	14:42:18	78776.78	394735.13	36.02	Soil	10,800	0.25
08/06/2021	14:42:19	78776.54	394736.01	36.01	Soil	9,420	-0.69
08/06/2021	14:42:20	78776.46	394736.29	36.11	Soil	10,740	0.21
08/06/2021	14:42:21	78776.76	394735.36	36.19	Soil	9,720	-0.49
08/06/2021	14:42:22	78776.85	394735.33	36.13	Soil	10,380	-0.04
08/06/2021	14:42:23	78776.44	394736.38	36.19	Soil	11,040	0.41
08/06/2021	14:42:24	78776.20	394736.50	36.14	Soil	12,240	1.23
08/06/2021	14:42:25	78776.52	394735.81	36.16	Soil	12,000	1.07
08/06/2021	14:42:26	78776.63	394735.52	36.08	Soil	10,320	-0.08
08/06/2021	14:42:27	78776.26	394736.27	36.13	Soil	10,860	0.29
08/06/2021	14:42:28	78776.23	394736.41	36.21	Soil	11,700	0.87
08/06/2021	14:42:29	78776.41	394735.76	36.22	Soil	10,080	-0.24
08/06/2021	14:42:30	78776.38	394735.79	36.11	Soil	10,740	0.21
08/06/2021	14:42:31	78776.09	394736.30	36.12	Soil	10,200	-0.16
08/06/2021	14:42:32	78776.20	394736.10	36.23	Soil	12,900	1.69
08/06/2021	14:42:33	78776.33	394735.52	36.16	Soil	9,840	-0.41
08/06/2021	14:42:34	78776.41	394736.17	36.16	Soil	11,040	0.41
08/06/2021	14:42:35	78776.56	394736.70	36.02	Soil	10,680	0.17
08/06/2021	14:42:36	78776.53	394736.03	36.11	Soil	11,940	1.03
08/06/2021	14:42:37	78776.39	394735.64	36.04	Soil	10,860	0.29
08/06/2021	14:42:38	78776.35	394736.43	36.07	Soil	11,700	0.87
08/06/2021	14:42:39	78776.47	394736.45	36.18	Soil	10,800	0.25
08/06/2021	14:42:40	78776.25	394735.74	36.12	Soil	9,660	-0.53
08/06/2021	14:42:41	78776.21	394735.97	36.13	Soil	10,620	0.13
08/06/2021	14:42:42	78776.41	394736.66	36.17	Soil	12,480	1.40
08/06/2021	14:42:43	78776.40	394736.22	36.34	Soil	12,000	1.07
08/06/2021	14:42:44	78776.25	394735.45	36.20	Soil	9,360	-0.74
08/06/2021	14:42:45	78776.33	394736.02	36.19	Soil	10,200	-0.16
08/06/2021	14:42:46	78776.24	394736.59	36.48	Soil	12,060	1.11
08/06/2021	14:42:47	78776.37	394736.14	36.47	Soil	10,200	-0.16
08/06/2021	14:42:48	78776.54	394735.83	36.25	Soil	10,380	-0.04
08/06/2021	14:42:49	78776.37	394736.42	36.27	Soil	10,440	0.00
08/06/2021	14:42:50	78776.17	394736.76	36.16	Soil	10,680	0.17
08/06/2021	14:42:51	78776.29	394736.09	36.12	Soil	12,240	1.23
08/06/2021	14:42:52	78776.35	394735.87	36.17	Soil	10,860	0.29
08/06/2021	14:42:53	78776.30	394736.69	36.24	Soil	10,980	0.37
08/06/2021	14:42:54	78776.36	394736.97	36.19	Soil	11,640	0.82
08/06/2021	14:42:55	78776.43	394736.20	36.13	Soil	12,480	1.40
08/06/2021	14:42:56	78776.42	394736.06	36.14	Soil	10,200	-0.16
08/06/2021	14:42:57	78776.46	394736.61	36.19	Soil	11,820	0.95

SU 7B GWS RESULTS

08/06/2021	14:42:58	78776.64	394736.58	36.27	Soil	12,360	1.32
08/06/2021	14:42:59	78776.64	394736.22	36.24	Soil	11,220	0.54
08/06/2021	14:43:00	78776.37	394736.55	36.26	Soil	12,240	1.23
08/06/2021	14:43:01	78776.39	394736.93	36.26	Soil	13,260	1.93
08/06/2021	14:43:02	78776.60	394736.77	36.35	Soil	12,360	1.32
08/06/2021	14:43:03	78776.47	394736.46	36.30	Soil	11,280	0.58
08/06/2021	14:43:04	78776.53	394737.02	36.26	Soil	10,740	0.21
08/06/2021	14:43:05	78776.25	394737.12	36.23	Soil	10,680	0.17
08/06/2021	14:43:06	78776.38	394736.71	36.24	Soil	12,120	1.15
08/06/2021	14:43:07	78776.47	394736.51	36.28	Soil	10,920	0.33
08/06/2021	14:43:08	78776.34	394737.18	36.22	Soil	10,440	0.00
08/06/2021	14:43:09	78776.28	394737.01	36.22	Soil	11,400	0.66
08/06/2021	14:43:10	78776.48	394736.37	36.17	Soil	13,500	2.10
08/06/2021	14:43:11	78776.57	394736.33	36.17	Soil	12,480	1.40
08/06/2021	14:43:12	78776.34	394736.77	36.30	Soil	10,620	0.13
08/06/2021	14:43:13	78776.49	394736.65	36.33	Soil	13,080	1.81
08/06/2021	14:43:14	78776.72	394736.46	36.18	Soil	10,560	0.09
08/06/2021	14:43:15	78776.64	394736.75	36.18	Soil	9,840	-0.41
08/06/2021	14:43:16	78776.51	394737.15	36.16	Soil	11,160	0.50
08/06/2021	14:43:17	78776.58	394736.82	36.14	Soil	12,000	1.07
08/06/2021	14:43:18	78776.66	394736.30	36.14	Soil	10,320	-0.08
08/06/2021	14:43:19	78776.58	394736.76	36.20	Soil	11,520	0.74
08/06/2021	14:43:20	78776.48	394737.36	36.13	Soil	13,080	1.81
08/06/2021	14:43:21	78776.47	394736.84	36.14	Soil	8,880	-1.06
08/06/2021	14:43:21	78776.50	394736.28	36.16	Soil	10,500	0.04
08/06/2021	14:43:23	78776.69	394736.81	36.23	Soil	10,980	0.37
08/06/2021	14:43:23	78776.61	394737.16	36.45	Soil	9,720	-0.49
08/06/2021	14:43:25	78776.46	394736.63	36.67	Soil	10,200	-0.16
08/06/2021	14:43:26	78776.52	394736.23	36.77	Soil	9,180	-0.86
08/06/2021	14:43:26	78776.57	394736.80	36.92	Soil	11,400	0.66
08/06/2021	14:43:27	78776.61	394737.02	37.05	Soil	8,820	-1.10
08/06/2021	14:43:28	78776.67	394736.49	37.05	Soil	10,440	0.00
08/06/2021	14:43:30	78776.59	394736.59	37.07	Soil	10,740	0.21
08/06/2021	14:43:31	78776.49	394737.13	36.90	Soil	10,380	-0.04
08/06/2021	14:43:32	78776.53	394736.89	36.68	Soil	9,840	-0.41
08/06/2021	14:43:33	78776.39	394736.46	36.66	Soil	11,640	0.82
08/06/2021	14:43:33	78776.23	394736.86	36.53	Soil	9,780	-0.45
08/06/2021	14:43:34	78776.36	394737.21	36.31	Soil	11,220	0.54
08/06/2021	14:43:36	78776.27	394736.82	36.41	Soil	10,740	0.21
08/06/2021	14:43:37	78775.98	394736.51	36.48	Soil	10,440	0.00
08/06/2021	14:43:38	78776.09	394736.76	36.37	Soil	9,720	-0.49
08/06/2021	14:43:39	78776.30	394736.91	36.37	Soil	11,820	0.95
08/06/2021	14:43:40	78776.28	394736.69	36.22	Soil	11,340	0.62
08/06/2021	14:43:41	78776.06	394736.66	36.22	Soil	12,360	1.32
08/06/2021	14:43:42	78776.06	394736.67	36.22	Soil	10,200	-0.16
08/06/2021	14:43:42	78776.17	394736.67	36.37	Soil	11,580	0.78
08/06/2021	14:43:44	78776.26	394736.82	36.55	Soil	11,220	0.54
08/06/2021	14:43:45	78776.10	394736.77	36.57	Soil	9,420	-0.69
08/06/2021	14:43:45	78776.02	394736.52	36.57	Soil	11,040	0.41
08/06/2021	14:43:47	78776.09	394736.74	36.77	Soil	11,220	0.54
08/06/2021	14:43:48	78776.17	394736.87	36.75	Soil	9,660	-0.53

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08/06/2021	14:43:48	78776.12	394736.66	36.75	Soil	10,440	0.00
08/06/2021	14:43:50	78776.17	394736.67	36.75	Soil	11,280	0.58
08/06/2021	14:43:50	78776.22	394736.89	36.75	Soil	9,240	-0.82
08/06/2021	14:43:51	78776.10	394736.75	36.73	Soil	11,580	0.78
08/06/2021	14:43:53	78776.07	394736.60	36.72	Soil	9,120	-0.90
08/06/2021	14:43:54	78776.21	394736.82	36.72	Soil	11,700	0.87
08/06/2021	14:43:54	78776.22	394736.85	36.87	Soil	10,680	0.17
08/06/2021	14:43:56	78776.15	394736.64	36.97	Soil	9,960	-0.32
08/06/2021	14:43:56	78776.21	394736.71	37.24	Soil	10,740	0.21
08/06/2021	14:43:58	78776.23	394736.87	37.24	Soil	10,320	-0.08
08/06/2021	14:43:58	78776.16	394736.72	37.71	Soil	10,320	-0.08
08/06/2021	14:43:59	78776.19	394736.65	37.84	Soil	9,180	-0.86
08/06/2021	14:44:00	78776.29	394736.85	37.84	Soil	10,860	0.29
08/06/2021	14:44:01	78776.25	394736.84	37.83	Soil	9,540	-0.61
08/06/2021	14:44:02	78776.15	394736.67	37.56	Soil	9,600	-0.57
08/06/2021	14:44:03	78776.02	394736.77	37.43	Soil	9,660	-0.53
08/06/2021	14:44:04	78775.89	394736.87	37.27	Soil	9,780	-0.45
08/06/2021	14:44:05	78775.77	394736.74	37.27	Soil	11,220	0.54
08/06/2021	14:44:06	78775.67	394736.70	37.15	Soil	9,720	-0.49
08/06/2021	14:44:07	78775.61	394736.89	36.68	Soil	10,200	-0.16
08/06/2021	14:44:09	78775.64	394736.99	36.70	Soil	10,260	-0.12
08/06/2021	14:44:09	78775.61	394736.85	36.70	Soil	9,840	-0.41
08/06/2021	14:44:11	78775.45	394736.64	36.64	Soil	10,680	0.17
08/06/2021	14:44:11	78775.31	394736.70	36.53	Soil	8,760	-1.15
08/06/2021	14:44:12	78775.41	394736.85	36.53	Soil	9,480	-0.65
08/06/2021	14:44:13	78775.44	394736.87	36.51	Soil	9,600	-0.57
08/06/2021	14:44:14	78775.40	394737.01	36.61	Soil	10,980	0.37
08/06/2021	14:44:15	78775.41	394737.35	36.54	Soil	8,040	-1.64
08/06/2021	14:44:16	78775.49	394737.05	36.43	Soil	10,680	0.17
08/06/2021	14:44:17	78775.64	394736.55	36.43	Soil	8,760	-1.15
08/06/2021	14:44:18	78775.64	394737.10	36.47	Soil	10,020	-0.28
08/06/2021	14:44:19	78775.50	394737.48	36.39	Soil	10,380	-0.04
08/06/2021	14:44:21	78775.65	394736.84	36.42	Soil	10,260	-0.12
08/06/2021	14:44:21	78775.74	394736.66	36.42	Soil	10,500	0.04
08/06/2021	14:44:23	78775.54	394736.93	36.50	Soil	9,840	-0.41
08/06/2021	14:44:23	78775.68	394737.15	36.51	Soil	10,080	-0.24
08/06/2021	14:44:25	78775.84	394736.72	36.43	Soil	9,900	-0.37
08/06/2021	14:44:26	78775.70	394736.52	36.43	Soil	10,200	-0.16
08/06/2021	14:44:27	78775.60	394737.11	36.44	Soil	9,780	-0.45
08/06/2021	14:44:28	78775.66	394737.32	36.42	Soil	9,840	-0.41
08/06/2021	14:44:29	78775.68	394736.52	36.37	Soil	10,080	-0.24
08/06/2021	14:44:30	78775.70	394736.63	36.37	Soil	9,720	-0.49
08/06/2021	14:44:30	78775.94	394737.47	36.36	Soil	10,140	-0.20
08/06/2021	14:44:32	78776.02	394737.25	36.30	Soil	9,480	-0.65
08/06/2021	14:44:33	78775.97	394736.56	36.28	Soil	10,200	-0.16
08/06/2021	14:44:34	78775.85	394736.66	36.30	Soil	10,500	0.04
08/06/2021	14:44:35	78775.78	394737.23	36.30	Soil	10,860	0.29
08/06/2021	14:44:36	78775.86	394737.14	36.29	Soil	10,140	-0.20
08/06/2021	14:44:37	78776.16	394736.74	36.27	Soil	10,080	-0.24
08/06/2021	14:44:38	78776.15	394736.68	36.24	Soil	11,220	0.54
08/06/2021	14:44:39	78776.02	394737.23	36.24	Soil	12,240	1.23

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08/06/2021	14:44:40	78776.00	394737.39	36.22	Soil	10,080	-0.24
08/06/2021	14:44:41	78776.00	394736.90	36.18	Soil	10,500	0.04
08/06/2021	14:44:41	78776.26	394736.87	36.18	Soil	8,880	-1.06
08/06/2021	14:44:43	78776.27	394737.46	36.13	Soil	12,900	1.69
08/06/2021	14:44:44	78775.99	394737.21	36.18	Soil	9,900	-0.37
08/06/2021	14:44:44	78776.40	394736.76	36.18	Soil	9,840	-0.41
08/06/2021	14:44:46	78776.37	394736.51	36.13	Soil	10,980	0.37
08/06/2021	14:44:47	78776.34	394736.65	36.13	Soil	12,480	1.40
08/06/2021	14:44:48	78776.26	394737.32	36.05	Soil	10,740	0.21
08/06/2021	14:44:49	78776.21	394737.47	36.07	Soil	10,860	0.29
08/06/2021	14:44:50	78776.35	394736.72	36.07	Soil	13,260	1.93
08/06/2021	14:44:51	78776.34	394736.61	36.03	Soil	11,580	0.78
08/06/2021	14:44:52	78776.31	394737.52	36.01	Soil	10,740	0.21
08/06/2021	14:44:53	78776.47	394737.40	36.00	Soil	10,440	0.00
08/06/2021	14:44:53	78776.41	394736.90	36.00	Soil	10,320	-0.08
08/06/2021	14:44:54	78776.42	394736.45	35.99	Soil	10,920	0.33
08/06/2021	14:44:56	78776.36	394736.91	35.91	Soil	12,000	1.07
08/06/2021	14:44:57	78776.39	394737.49	35.80	Soil	11,160	0.50
08/06/2021	14:44:57	78776.54	394737.23	35.80	Soil	12,120	1.15
08/06/2021	14:44:59	78776.62	394736.93	35.84	Soil	10,500	0.04
08/06/2021	14:44:59	78776.54	394736.45	35.88	Soil	9,600	-0.57
08/06/2021	14:45:00	78776.58	394736.73	35.83	Soil	10,200	-0.16
08/06/2021	14:45:01	78776.68	394737.35	35.74	Soil	9,300	-0.78
08/06/2021	14:45:02	78776.78	394737.05	35.71	Soil	9,540	-0.61
08/06/2021	14:45:04	78776.71	394736.47	35.79	Soil	9,180	-0.86
08/06/2021	14:45:04	78776.71	394736.61	35.72	Soil	11,640	0.82
08/06/2021	14:45:05	78776.86	394737.13	35.72	Soil	8,100	-1.60
08/06/2021	14:45:07	78776.98	394737.33	36.01	Soil	8,520	-1.31
08/06/2021	14:45:07	78776.82	394737.02	36.01	Soil	9,000	-0.98
08/06/2021	14:45:09	78776.56	394736.96	35.96	Soil	11,100	0.45
08/06/2021	14:45:10	78776.59	394737.10	35.96	Soil	11,160	0.50
08/06/2021	14:45:10	78776.69	394737.27	35.85	Soil	10,800	0.25
08/06/2021	14:45:12	78776.63	394737.47	35.85	Soil	10,080	-0.24
08/06/2021	14:45:13	78776.58	394736.86	35.81	Soil	8,220	-1.52
08/06/2021	14:45:13	78776.73	394736.52	35.81	Soil	9,780	-0.45
08/06/2021	14:45:15	78776.65	394737.18	35.77	Soil	9,660	-0.53
08/06/2021	14:45:15	78776.79	394737.42	35.76	Soil	9,000	-0.98
08/06/2021	14:45:17	78776.95	394736.82	35.77	Soil	9,240	-0.82
08/06/2021	14:45:17	78776.92	394736.50	35.77	Soil	9,600	-0.57
08/06/2021	14:45:18	78776.63	394737.25	35.80	Soil	9,180	-0.86
08/06/2021	14:45:19	78776.68	394737.43	35.78	Soil	8,940	-1.02
08/06/2021	14:45:21	78776.68	394736.84	35.73	Soil	10,380	-0.04
08/06/2021	14:45:22	78776.79	394736.48	35.73	Soil	9,600	-0.57
08/06/2021	14:45:23	78776.75	394737.02	35.70	Soil	10,200	-0.16
08/06/2021	14:45:24	78776.92	394737.54	35.68	Soil	9,360	-0.74
08/06/2021	14:45:25	78776.93	394737.03	35.69	Soil	8,700	-1.19
08/06/2021	14:45:26	78776.76	394736.63	35.69	Soil	9,360	-0.74
08/06/2021	14:45:27	78776.84	394736.91	35.66	Soil	8,640	-1.23
08/06/2021	14:45:28	78776.91	394737.57	35.80	Soil	10,560	0.09
08/06/2021	14:45:29	78776.78	394737.35	35.80	Soil	8,820	-1.10
08/06/2021	14:45:30	78776.98	394737.29	35.81	Soil	9,360	-0.74

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08/06/2021	14:45:31	78776.98	394737.32	35.88	Soil	9,600	-0.57
08/06/2021	14:45:32	78776.84	394737.33	35.77	Soil	9,780	-0.45
08/06/2021	14:45:33	78776.90	394737.04	35.77	Soil	9,960	-0.32
08/06/2021	14:45:34	78776.96	394737.13	35.76	Soil	10,320	-0.08
08/06/2021	14:45:35	78776.80	394737.65	35.77	Soil	9,720	-0.49
08/06/2021	14:45:36	78776.72	394737.18	35.73	Soil	9,540	-0.61
08/06/2021	14:45:37	78776.78	394736.49	35.73	Soil	8,700	-1.19
08/06/2021	14:45:37	78776.91	394737.08	35.62	Soil	9,480	-0.65
08/06/2021	14:45:39	78776.95	394737.67	35.62	Soil	10,020	-0.28
08/06/2021	14:45:40	78776.76	394737.22	35.67	Soil	8,280	-1.47
08/06/2021	14:45:41	78776.92	394736.61	35.67	Soil	8,340	-1.43
08/06/2021	14:45:42	78776.70	394737.08	35.62	Soil	9,240	-0.82
08/06/2021	14:45:43	78776.81	394737.58	35.70	Soil	8,700	-1.19
08/06/2021	14:45:44	78776.71	394737.24	35.71	Soil	9,540	-0.61
08/06/2021	14:45:45	78777.03	394736.53	35.71	Soil	9,360	-0.74
08/06/2021	14:45:46	78776.92	394737.06	35.62	Soil	9,660	-0.53
08/06/2021	14:45:47	78776.96	394737.70	35.62	Soil	9,900	-0.37
08/06/2021	14:45:48	78777.18	394737.13	35.62	Soil	9,060	-0.94
08/06/2021	14:45:49	78777.15	394736.61	35.64	Soil	9,540	-0.61
08/06/2021	14:45:49	78777.20	394737.18	35.58	Soil	8,040	-1.64
08/06/2021	14:45:51	78776.81	394737.53	35.54	Soil	9,480	-0.65
08/06/2021	14:45:52	78777.05	394737.23	35.52	Soil	8,820	-1.10
08/06/2021	14:45:53	78776.98	394737.56	35.53	Soil	7,620	-1.93
08/06/2021	14:45:54	78777.00	394737.53	35.51	Soil	8,700	-1.19
08/06/2021	14:45:55	78776.98	394737.23	35.58	Soil	8,820	-1.10
08/06/2021	14:45:56	78776.97	394736.76	35.58	Soil	9,060	-0.94
08/06/2021	14:45:57	78777.03	394736.83	35.52	Soil	8,100	-1.60
08/06/2021	14:45:58	78777.12	394737.58	35.53	Soil	8,640	-1.23
08/06/2021	14:45:59	78777.12	394737.28	35.50	Soil	10,620	0.13
08/06/2021	14:46:00	78777.11	394736.76	35.49	Soil	9,660	-0.53
08/06/2021	14:46:00	78777.12	394737.40	35.52	Soil	10,020	-0.28
08/06/2021	14:46:02	78777.18	394737.67	35.52	Soil	10,140	-0.20
08/06/2021	14:46:03	78777.30	394737.00	35.50	Soil	8,100	-1.60
08/06/2021	14:46:04	78777.29	394736.77	35.46	Soil	9,120	-0.90
08/06/2021	14:46:05	78777.21	394737.40	35.46	Soil	8,220	-1.52
08/06/2021	14:46:06	78777.10	394737.58	35.40	Soil	9,300	-0.78
08/06/2021	14:46:06	78777.37	394736.81	35.48	Soil	9,060	-0.94
08/06/2021	14:46:08	78777.21	394736.78	35.41	Soil	8,640	-1.23
08/06/2021	14:46:09	78777.35	394737.57	35.41	Soil	8,760	-1.15
08/06/2021	14:46:09	78777.49	394737.20	35.39	Soil	7,980	-1.68
08/06/2021	14:46:11	78777.47	394736.69	35.40	Soil	8,520	-1.31
08/06/2021	14:46:12	78777.27	394737.26	35.36	Soil	9,180	-0.86
08/06/2021	14:46:13	78777.29	394737.13	35.35	Soil	10,680	0.17
08/06/2021	14:46:14	78777.43	394736.60	35.47	Soil	8,700	-1.19
08/06/2021	14:46:15	78777.17	394737.03	35.64	Soil	10,440	0.00
08/06/2021	14:46:15	78776.91	394737.17	35.65	Soil	8,760	-1.15
08/06/2021	14:46:17	78777.23	394736.71	35.64	Soil	9,540	-0.61
08/06/2021	14:46:18	78777.06	394736.85	35.65	Soil	10,560	0.09
08/06/2021	14:46:18	78777.00	394737.23	35.65	Soil	9,240	-0.82
08/06/2021	14:46:19	78777.33	394736.89	35.61	Soil	9,780	-0.45
08/06/2021	14:46:20	78777.26	394736.87	35.55	Soil	7,200	-2.21

SU 7B GWS RESULTS

08/06/2021	14:46:21	78777.08	394737.43	35.50	Soil	8,400	-1.39
08/06/2021	14:46:22	78777.14	394737.18	35.42	Soil	9,120	-0.90
08/06/2021	14:46:23	78777.12	394737.25	35.44	Soil	8,100	-1.60
08/06/2021	14:46:24	78777.08	394736.80	35.48	Soil	9,180	-0.86
08/06/2021	14:46:25	78777.21	394737.36	35.45	Soil	8,580	-1.27
08/06/2021	14:46:26	78777.37	394737.77	35.47	Soil	9,300	-0.78
08/06/2021	14:46:27	78777.35	394736.90	35.45	Soil	8,760	-1.15
08/06/2021	14:46:28	78777.42	394736.86	35.41	Soil	10,020	-0.28
08/06/2021	14:46:29	78777.19	394737.61	35.46	Soil	9,540	-0.61
08/06/2021	14:46:30	78777.52	394737.22	35.42	Soil	9,360	-0.74
08/06/2021	14:46:31	78777.58	394736.50	35.44	Soil	10,680	0.17
08/06/2021	14:46:32	78777.46	394737.01	35.44	Soil	8,940	-1.02
08/06/2021	14:46:33	78777.48	394737.52	35.42	Soil	9,120	-0.90
08/06/2021	14:46:34	78777.37	394736.96	35.42	Soil	9,180	-0.86
08/06/2021	14:46:35	78777.33	394737.10	35.35	Soil	8,820	-1.10
08/06/2021	14:46:36	78777.52	394737.47	35.37	Soil	10,680	0.17
08/06/2021	14:46:37	78777.52	394737.04	35.29	Soil	9,900	-0.37
08/06/2021	14:46:38	78777.36	394737.08	35.31	Soil	9,960	-0.32
08/06/2021	14:46:39	78777.33	394737.12	35.39	Soil	7,800	-1.80
08/06/2021	14:46:40	78777.68	394737.63	35.39	Soil	9,960	-0.32
08/06/2021	14:46:41	78777.53	394737.07	35.27	Soil	9,240	-0.82
08/06/2021	14:46:42	78777.57	394736.89	35.22	Soil	9,300	-0.78
08/06/2021	14:46:43	78777.61	394737.56	35.27	Soil	10,080	-0.24
08/06/2021	14:46:44	78777.46	394737.01	35.30	Soil	9,180	-0.86
08/06/2021	14:46:45	78777.44	394736.75	35.30	Soil	9,720	-0.49
08/06/2021	14:46:46	78777.56	394737.45	35.33	Soil	8,400	-1.39
08/06/2021	14:46:47	78777.66	394737.53	35.34	Soil	9,780	-0.45
08/06/2021	14:46:48	78777.65	394736.51	35.35	Soil	9,180	-0.86
08/06/2021	14:46:49	78777.56	394736.35	35.36	Soil	9,180	-0.86
08/06/2021	14:46:50	78777.60	394737.37	35.23	Soil	9,900	-0.37
08/06/2021	14:46:51	78777.49	394737.63	35.19	Soil	9,120	-0.90
08/06/2021	14:46:52	78777.83	394736.72	35.13	Soil	8,460	-1.35
08/06/2021	14:46:53	78777.95	394736.34	35.19	Soil	9,900	-0.37
08/06/2021	14:46:54	78777.89	394736.99	35.05	Soil	9,720	-0.49
08/06/2021	14:46:55	78777.64	394737.42	35.06	Soil	9,540	-0.61
08/06/2021	14:46:56	78777.60	394737.33	35.05	Soil	11,040	0.41
08/06/2021	14:46:57	78777.85	394736.92	34.97	Soil	10,200	-0.16
08/06/2021	14:46:58	78777.88	394737.37	34.99	Soil	7,800	-1.80
08/06/2021	14:46:59	78777.77	394737.77	35.03	Soil	9,600	-0.57
08/06/2021	14:47:00	78777.78	394737.39	35.00	Soil	10,260	-0.12
08/06/2021	14:47:01	78777.94	394736.72	35.01	Soil	9,060	-0.94
08/06/2021	14:47:02	78778.05	394736.99	34.99	Soil	7,980	-1.68
08/06/2021	14:47:03	78778.04	394737.48	35.01	Soil	9,240	-0.82
08/06/2021	14:47:04	78778.17	394736.74	35.02	Soil	9,540	-0.61
08/06/2021	14:47:05	78778.16	394736.26	35.07	Soil	9,660	-0.53
08/06/2021	14:47:06	78778.23	394737.10	34.95	Soil	9,600	-0.57
08/06/2021	14:47:07	78778.04	394737.72	34.92	Soil	9,780	-0.45
08/06/2021	14:47:08	78778.23	394736.87	34.90	Soil	9,240	-0.82
08/06/2021	14:47:09	78778.11	394736.87	34.90	Soil	10,260	-0.12
08/06/2021	14:47:10	78778.01	394736.92	34.85	Soil	9,300	-0.78
08/06/2021	14:47:11	78778.00	394736.97	34.89	Soil	10,800	0.25

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08/06/2021	14:47:12	78777.98	394737.23	34.97	Soil	9,600	-0.57
08/06/2021	14:47:13	78777.90	394737.13	34.97	Soil	10,560	0.09
08/06/2021	14:47:14	78777.97	394737.32	34.93	Soil	9,240	-0.82
08/06/2021	14:47:15	78778.03	394737.47	34.88	Soil	8,640	-1.23
08/06/2021	14:47:16	78778.02	394737.47	34.89	Soil	9,660	-0.53
08/06/2021	14:47:17	78778.02	394737.49	34.89	Soil	9,840	-0.41
08/06/2021	14:47:18	78778.02	394737.49	34.91	Soil	10,020	-0.28
08/06/2021	14:47:19	78778.02	394737.50	34.90	Soil	9,960	-0.32
08/06/2021	14:47:20	78778.02	394737.52	34.90	Soil	8,460	-1.35
08/06/2021	14:47:21	78778.02	394737.53	34.90	Soil	8,460	-1.35
08/06/2021	14:47:22	78778.00	394737.56	34.87	Soil	9,540	-0.61
08/06/2021	14:47:23	78777.99	394737.70	34.77	Soil	9,240	-0.82
08/06/2021	14:47:24	78778.08	394737.64	34.84	Soil	8,580	-1.27
08/06/2021	14:47:25	78778.16	394737.80	34.66	Soil	10,500	0.04
08/06/2021	14:47:26	78778.08	394737.09	35.15	Soil	9,840	-0.41
08/06/2021	14:47:27	78778.08	394737.24	35.17	Soil	8,640	-1.23
08/06/2021	14:47:28	78778.09	394737.53	35.10	Soil	8,820	-1.10
08/06/2021	14:47:29	78777.91	394737.25	35.07	Soil	10,020	-0.28
08/06/2021	14:47:30	78777.99	394737.13	35.06	Soil	10,200	-0.16
08/06/2021	14:47:31	78778.14	394737.19	35.00	Soil	10,740	0.21
08/06/2021	14:47:32	78778.30	394737.11	34.98	Soil	9,600	-0.57
08/06/2021	14:47:33	78778.12	394737.96	34.95	Soil	9,720	-0.49
08/06/2021	14:47:34	78778.05	394737.60	34.79	Soil	10,020	-0.28
08/06/2021	14:47:35	78778.45	394736.95	34.86	Soil	10,560	0.09
08/06/2021	14:47:36	78778.26	394737.39	34.85	Soil	9,960	-0.32
08/06/2021	14:47:37	78778.46	394737.41	34.87	Soil	10,320	-0.08
08/06/2021	14:47:38	78778.24	394736.72	34.91	Soil	10,020	-0.28
08/06/2021	14:47:39	78778.35	394737.06	34.92	Soil	9,660	-0.53
08/06/2021	14:47:40	78778.16	394737.56	34.93	Soil	9,960	-0.32
08/06/2021	14:47:41	78778.42	394736.96	34.87	Soil	10,260	-0.12
08/06/2021	14:47:42	78778.34	394737.17	34.84	Soil	11,280	0.58
08/06/2021	14:47:43	78778.22	394737.65	34.83	Soil	9,420	-0.69
08/06/2021	14:47:44	78778.28	394737.19	34.84	Soil	10,380	-0.04
08/06/2021	14:47:45	78778.53	394737.16	34.79	Soil	10,200	-0.16
08/06/2021	14:47:46	78778.41	394737.73	34.67	Soil	9,720	-0.49
08/06/2021	14:47:47	78778.34	394737.19	34.71	Soil	10,920	0.33
08/06/2021	14:47:48	78778.41	394737.02	34.68	Soil	9,840	-0.41
08/06/2021	14:47:49	78778.73	394737.58	34.71	Soil	10,800	0.25
08/06/2021	14:47:50	78778.57	394737.25	34.77	Soil	10,380	-0.04
08/06/2021	14:47:51	78778.56	394736.68	34.88	Soil	10,200	-0.16
08/06/2021	14:47:52	78778.63	394736.75	34.76	Soil	11,760	0.91
08/06/2021	14:47:53	78778.46	394737.15	34.79	Soil	10,440	0.00
08/06/2021	14:47:54	78778.48	394737.17	34.76	Soil	10,560	0.09
08/06/2021	14:47:55	78778.61	394737.29	34.73	Soil	9,840	-0.41
08/06/2021	14:47:56	78778.83	394737.64	34.55	Soil	10,860	0.29
08/06/2021	14:47:57	78778.88	394737.13	34.62	Soil	11,700	0.87
08/06/2021	14:47:58	78778.94	394737.38	34.59	Soil	10,680	0.17
08/06/2021	14:47:59	78778.88	394737.93	34.53	Soil	10,020	-0.28
08/06/2021	14:48:00	78778.97	394737.10	34.57	Soil	11,340	0.62
08/06/2021	14:48:01	78778.77	394737.21	34.52	Soil	10,560	0.09
08/06/2021	14:48:02	78778.75	394737.76	34.41	Soil	10,560	0.09

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08/06/2021	14:48:03	78779.06	394737.26	34.49	Soil	10,020	-0.28
08/06/2021	14:48:04	78779.02	394736.95	34.58	Soil	9,240	-0.82
08/06/2021	14:48:05	78778.74	394737.21	34.58	Soil	11,640	0.82
08/06/2021	14:48:06	78778.84	394737.05	34.56	Soil	11,100	0.45
08/06/2021	14:48:07	78778.98	394736.65	34.49	Soil	10,920	0.33
08/06/2021	14:48:08	78778.98	394737.19	34.44	Soil	10,260	-0.12
08/06/2021	14:48:09	78778.95	394737.39	34.60	Soil	11,760	0.91
08/06/2021	14:48:10	78778.98	394737.25	34.49	Soil	10,200	-0.16
08/06/2021	14:48:11	78778.92	394737.89	34.45	Soil	10,800	0.25
08/06/2021	14:48:12	78778.97	394737.85	34.28	Soil	10,380	-0.04
08/06/2021	14:48:13	78778.99	394737.13	34.27	Soil	12,000	1.07
08/06/2021	14:48:14	78779.01	394737.69	34.26	Soil	10,140	-0.20
08/06/2021	14:48:15	78779.05	394737.78	34.40	Soil	11,460	0.70
08/06/2021	14:48:16	78778.98	394737.16	34.37	Soil	10,320	-0.08
08/06/2021	14:48:17	78778.91	394737.41	34.33	Soil	10,980	0.37
08/06/2021	14:48:18	78779.21	394737.83	34.58	Soil	10,560	0.09
08/06/2021	14:48:19	78779.34	394737.33	34.52	Soil	9,840	-0.41
08/06/2021	14:48:20	78779.21	394737.32	34.45	Soil	10,440	0.00
08/06/2021	14:48:21	78779.12	394737.68	34.51	Soil	9,840	-0.41
08/06/2021	14:48:22	78779.17	394737.32	34.47	Soil	10,020	-0.28
08/06/2021	14:48:23	78779.22	394737.47	34.46	Soil	11,100	0.45
08/06/2021	14:48:24	78779.41	394737.59	34.48	Soil	9,720	-0.49
08/06/2021	14:48:25	78779.45	394737.28	34.47	Soil	8,760	-1.15
08/06/2021	14:48:26	78779.32	394737.50	34.44	Soil	10,560	0.09
08/06/2021	14:48:27	78779.23	394737.55	34.42	Soil	11,580	0.78
08/06/2021	14:48:28	78779.19	394737.30	34.44	Soil	10,260	-0.12
08/06/2021	14:48:29	78779.32	394737.53	34.47	Soil	10,860	0.29
08/06/2021	14:48:30	78779.48	394737.39	34.47	Soil	11,400	0.66
08/06/2021	14:48:31	78779.44	394737.26	34.44	Soil	9,960	-0.32
08/06/2021	14:48:32	78779.27	394737.63	34.48	Soil	12,300	1.28
08/06/2021	14:48:33	78779.09	394737.62	34.47	Soil	9,240	-0.82
08/06/2021	14:48:34	78779.00	394737.39	34.57	Soil	12,720	1.56
08/06/2021	14:48:35	78778.98	394737.66	34.69	Soil	10,260	-0.12
08/06/2021	14:48:36	78779.10	394737.60	34.68	Soil	11,520	0.74
08/06/2021	14:48:37	78779.16	394737.52	34.69	Soil	10,440	0.00
08/06/2021	14:48:38	78779.06	394737.70	34.75	Soil	10,380	-0.04
08/06/2021	14:48:39	78779.03	394737.55	34.76	Soil	9,660	-0.53
08/06/2021	14:48:40	78779.10	394737.57	34.81	Soil	10,260	-0.12
08/06/2021	14:48:41	78779.43	394737.70	34.98	Soil	10,740	0.21
08/06/2021	14:48:42	78779.47	394737.51	34.95	Soil	9,360	-0.74
08/06/2021	14:48:43	78779.30	394737.60	34.90	Soil	9,780	-0.45
08/06/2021	14:48:44	78779.32	394737.67	35.02	Soil	9,120	-0.90
08/06/2021	14:48:45	78779.29	394737.59	34.93	Soil	11,700	0.87
08/06/2021	14:48:46	78779.24	394737.68	34.94	Soil	10,560	0.09
08/06/2021	14:48:47	78779.49	394737.68	34.87	Soil	10,380	-0.04
08/06/2021	14:48:48	78779.48	394737.53	34.25	Soil	10,320	-0.08
08/06/2021	14:48:49	78779.33	394737.46	34.09	Soil	10,740	0.21
08/06/2021	14:48:50	78779.37	394737.53	34.05	Soil	9,840	-0.41
08/06/2021	14:48:51	78779.25	394737.57	34.02	Soil	8,940	-1.02
08/06/2021	14:48:52	78779.20	394737.57	34.04	Soil	12,720	1.56
08/06/2021	14:48:53	78779.33	394737.54	34.03	Soil	10,200	-0.16

SU 7B GWS RESULTS

08/06/2021	14:48:54	78779.35	394737.66	34.00	Soil	9,120	-0.90
08/06/2021	14:48:55	78779.44	394737.46	33.98	Soil	10,080	-0.24
08/06/2021	14:48:56	78779.50	394737.08	33.89	Soil	10,860	0.29
08/06/2021	14:48:57	78779.38	394737.74	33.91	Soil	10,200	-0.16
08/06/2021	14:48:58	78779.22	394737.83	33.91	Soil	11,160	0.50
08/06/2021	14:48:59	78779.28	394737.03	33.91	Soil	10,440	0.00
08/06/2021	14:49:00	78779.48	394737.45	33.80	Soil	11,940	1.03
08/06/2021	14:49:01	78779.49	394737.88	33.85	Soil	10,920	0.33
08/06/2021	14:49:02	78779.43	394737.14	33.86	Soil	11,880	0.99
08/06/2021	14:49:03	78779.46	394736.99	33.72	Soil	9,180	-0.86
08/06/2021	14:49:04	78779.44	394737.67	33.66	Soil	9,900	-0.37
08/06/2021	14:49:05	78779.60	394737.59	33.67	Soil	9,900	-0.37
08/06/2021	14:49:06	78779.40	394737.24	33.65	Soil	10,200	-0.16
08/06/2021	14:49:07	78779.44	394737.26	33.70	Soil	10,800	0.25
08/06/2021	14:49:08	78779.45	394737.21	33.61	Soil	10,620	0.13
08/06/2021	14:49:09	78779.90	394737.38	33.66	Soil	10,740	0.21
08/06/2021	14:49:10	78779.64	394737.22	33.65	Soil	10,200	-0.16
08/06/2021	14:49:11	78779.61	394737.40	33.69	Soil	10,260	-0.12
08/06/2021	14:49:12	78779.75	394737.10	33.66	Soil	10,680	0.17
08/06/2021	14:49:13	78779.68	394736.81	33.61	Soil	9,300	-0.78
08/06/2021	14:49:14	78779.89	394736.87	33.58	Soil	9,420	-0.69
08/06/2021	14:49:15	78779.61	394737.45	33.68	Soil	10,080	-0.24
08/06/2021	14:49:16	78779.60	394737.39	33.69	Soil	10,500	0.04
08/06/2021	14:49:17	78779.58	394737.03	33.79	Soil	9,720	-0.49
08/06/2021	14:49:18	78779.85	394737.19	33.67	Soil	9,540	-0.61
08/06/2021	14:49:19	78779.74	394737.54	33.73	Soil	9,660	-0.53
08/06/2021	14:49:20	78779.79	394737.08	33.84	Soil	9,540	-0.61
08/06/2021	14:49:21	78779.84	394737.06	33.80	Soil	10,440	0.00
08/06/2021	14:49:22	78779.67	394737.62	33.70	Soil	11,820	0.95
08/06/2021	14:49:23	78779.62	394737.29	33.79	Soil	11,100	0.45
08/06/2021	14:49:24	78779.80	394736.86	33.76	Soil	9,840	-0.41
08/06/2021	14:49:25	78779.93	394737.36	33.73	Soil	8,880	-1.06
08/06/2021	14:49:26	78779.70	394737.40	33.80	Soil	9,360	-0.74
08/06/2021	14:49:27	78779.68	394737.23	33.79	Soil	9,600	-0.57
08/06/2021	14:49:28	78779.79	394737.83	33.73	Soil	11,040	0.41
08/06/2021	14:49:29	78779.95	394737.40	33.68	Soil	10,440	0.00
08/06/2021	14:49:30	78779.92	394736.93	33.73	Soil	10,800	0.25
08/06/2021	14:49:31	78779.81	394737.32	33.77	Soil	10,500	0.04
08/06/2021	14:49:32	78779.83	394737.34	33.77	Soil	10,440	0.00
08/06/2021	14:49:33	78780.06	394736.96	33.77	Soil	9,300	-0.78
08/06/2021	14:49:34	78779.96	394737.18	33.70	Soil	10,740	0.21
08/06/2021	14:49:35	78779.88	394737.63	33.60	Soil	9,720	-0.49
08/06/2021	14:49:36	78780.06	394737.32	33.56	Soil	10,620	0.13
08/06/2021	14:49:37	78779.83	394737.33	33.59	Soil	10,560	0.09
08/06/2021	14:49:38	78780.00	394737.00	33.63	Soil	10,200	-0.16
08/06/2021	14:49:39	78780.27	394737.21	33.58	Soil	9,960	-0.32
08/06/2021	14:49:40	78779.99	394737.47	33.67	Soil	10,380	-0.04
08/06/2021	14:49:41	78780.01	394736.95	33.75	Soil	11,340	0.62
08/06/2021	14:49:42	78780.03	394736.88	33.74	Soil	8,340	-1.43
08/06/2021	14:49:43	78780.07	394737.13	33.86	Soil	10,260	-0.12
08/06/2021	14:49:44	78780.22	394736.81	33.77	Soil	8,760	-1.15

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08/06/2021	14:49:45	78780.25	394736.86	33.71	Soil	8,280	-1.47
08/06/2021	14:49:46	78780.16	394737.55	33.63	Soil	9,120	-0.90
08/06/2021	14:49:47	78779.96	394737.36	33.55	Soil	10,800	0.25
08/06/2021	14:49:48	78780.03	394737.30	33.53	Soil	10,200	-0.16
08/06/2021	14:49:49	78779.93	394737.77	33.41	Soil	11,280	0.58
08/06/2021	14:49:50	78780.06	394737.49	33.49	Soil	10,560	0.09
08/06/2021	14:49:51	78780.12	394737.62	33.44	Soil	10,740	0.21
08/06/2021	14:49:52	78779.90	394737.72	33.52	Soil	8,820	-1.10
08/06/2021	14:49:53	78780.00	394737.34	33.52	Soil	9,840	-0.41
08/06/2021	14:49:54	78780.04	394737.37	33.49	Soil	10,080	-0.24
08/06/2021	14:49:55	78780.12	394737.61	33.49	Soil	9,120	-0.90
08/06/2021	14:49:56	78780.31	394737.40	33.46	Soil	11,100	0.45
08/06/2021	14:49:57	78780.42	394737.31	33.40	Soil	10,560	0.09
08/06/2021	14:49:58	78780.23	394737.56	33.42	Soil	10,140	-0.20
08/06/2021	14:49:59	78780.31	394737.48	33.43	Soil	10,140	-0.20
08/06/2021	14:50:00	78780.49	394737.13	33.48	Soil	9,600	-0.57
08/06/2021	14:50:01	78780.33	394737.12	33.67	Soil	10,740	0.21
08/06/2021	14:50:02	78780.38	394737.07	33.75	Soil	8,400	-1.39
08/06/2021	14:50:03	78780.61	394736.83	33.63	Soil	10,380	-0.04
08/06/2021	14:50:04	78780.48	394737.00	33.60	Soil	9,060	-0.94
08/06/2021	14:50:05	78780.33	394737.21	33.61	Soil	9,240	-0.82
08/06/2021	14:50:06	78780.28	394737.43	33.43	Soil	8,640	-1.23
08/06/2021	14:50:07	78780.56	394737.73	33.37	Soil	9,600	-0.57
08/06/2021	14:50:08	78780.61	394737.52	33.20	Soil	9,780	-0.45
08/06/2021	14:50:09	78780.47	394737.08	33.33	Soil	9,360	-0.74
08/06/2021	14:50:10	78780.49	394736.94	33.38	Soil	9,300	-0.78
08/06/2021	14:50:11	78780.74	394737.13	33.39	Soil	8,340	-1.43
08/06/2021	14:50:12	78780.73	394737.33	33.08	Soil	8,820	-1.10
08/06/2021	14:50:13	78780.64	394736.84	33.08	Soil	8,820	-1.10
08/06/2021	14:50:14	78780.76	394736.90	33.13	Soil	9,480	-0.65
08/06/2021	14:50:15	78780.76	394737.12	33.18	Soil	8,820	-1.10
08/06/2021	14:50:16	78780.82	394736.67	33.30	Soil	8,460	-1.35
08/06/2021	14:50:17	78780.71	394736.73	33.30	Soil	9,060	-0.94
08/06/2021	14:50:18	78780.67	394737.28	33.18	Soil	10,140	-0.20
08/06/2021	14:50:19	78780.80	394737.07	33.21	Soil	10,500	0.04
08/06/2021	14:50:20	78780.86	394736.79	33.30	Soil	8,760	-1.15
08/06/2021	14:50:21	78780.75	394737.01	33.18	Soil	9,360	-0.74
08/06/2021	14:50:22	78780.80	394737.33	33.21	Soil	9,900	-0.37
08/06/2021	14:50:23	78780.83	394737.06	33.21	Soil	10,560	0.09
08/06/2021	14:50:24	78780.67	394737.05	33.15	Soil	9,420	-0.69
08/06/2021	14:50:25	78780.47	394737.48	33.08	Soil	9,240	-0.82
08/06/2021	14:50:26	78780.50	394737.12	33.15	Soil	9,960	-0.32
08/06/2021	14:50:27	78780.66	394736.76	33.17	Soil	8,700	-1.19
08/06/2021	14:50:28	78780.59	394737.25	33.14	Soil	9,300	-0.78
08/06/2021	14:50:29	78780.63	394737.32	33.13	Soil	8,520	-1.31
08/06/2021	14:50:30	78780.90	394736.68	33.18	Soil	7,980	-1.68
08/06/2021	14:50:31	78780.98	394736.75	33.13	Soil	7,980	-1.68
08/06/2021	14:50:32	78780.77	394737.33	33.10	Soil	10,020	-0.28
08/06/2021	14:50:33	78780.65	394737.05	33.18	Soil	10,440	0.00
08/06/2021	14:50:34	78780.78	394736.75	33.16	Soil	9,900	-0.37
08/06/2021	14:50:35	78780.80	394737.24	33.15	Soil	8,100	-1.60

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08/06/2021	14:50:36	78780.76	394737.27	33.20	Soil	9,660	-0.53
08/06/2021	14:50:37	78780.73	394736.89	33.19	Soil	10,140	-0.20
08/06/2021	14:50:38	78780.61	394737.05	33.15	Soil	9,120	-0.90
08/06/2021	14:50:39	78780.59	394736.97	33.21	Soil	9,060	-0.94
08/06/2021	14:50:40	78780.92	394736.70	33.20	Soil	8,820	-1.10
08/06/2021	14:50:41	78780.79	394737.07	33.21	Soil	8,100	-1.60
08/06/2021	14:50:42	78780.59	394737.15	33.17	Soil	9,240	-0.82
08/06/2021	14:50:43	78780.69	394736.95	33.23	Soil	9,600	-0.57
08/06/2021	14:50:44	78780.72	394736.98	33.30	Soil	9,180	-0.86
08/06/2021	14:50:45	78780.60	394737.16	33.33	Soil	8,640	-1.23
08/06/2021	14:50:46	78780.82	394737.21	33.47	Soil	8,940	-1.02
08/06/2021	14:50:47	78780.85	394736.93	33.58	Soil	9,000	-0.98
08/06/2021	14:50:48	78780.64	394736.96	33.60	Soil	7,980	-1.68
08/06/2021	14:50:49	78780.66	394737.09	33.64	Soil	8,580	-1.27
08/06/2021	14:50:50	78780.74	394737.11	33.60	Soil	8,400	-1.39
08/06/2021	14:50:51	78780.58	394737.10	33.51	Soil	7,800	-1.80
08/06/2021	14:50:52	78780.56	394737.13	33.53	Soil	9,300	-0.78
08/06/2021	14:50:53	78780.56	394737.13	33.55	Soil	8,100	-1.60
08/06/2021	14:50:54	78780.58	394737.08	33.62	Soil	8,820	-1.10
08/06/2021	14:50:55	78780.64	394737.19	33.61	Soil	6,660	-2.58
08/06/2021	14:50:56	78780.56	394737.40	33.57	Soil	7,860	-1.76
08/06/2021	14:50:57	78780.44	394737.20	33.69	Soil	7,500	-2.01
08/06/2021	14:50:58	78780.55	394736.78	33.66	Soil	8,040	-1.64
08/06/2021	14:50:59	78780.49	394736.90	33.64	Soil	8,940	-1.02
08/06/2021	14:51:00	78780.58	394737.26	33.64	Soil	9,360	-0.74
08/06/2021	14:51:01	78780.78	394737.20	33.69	Soil	8,460	-1.35
08/06/2021	14:51:02	78780.84	394737.06	33.69	Soil	7,500	-2.01
08/06/2021	14:51:03	78780.87	394737.12	33.70	Soil	7,620	-1.93
08/06/2021	14:51:04	78780.62	394737.32	33.78	Soil	8,700	-1.19
08/06/2021	14:51:05	78780.56	394737.32	33.73	Soil	8,640	-1.23
08/06/2021	14:51:06	78780.67	394737.30	33.68	Soil	8,340	-1.43
08/06/2021	14:51:07	78780.47	394737.17	33.66	Soil	7,560	-1.97
08/06/2021	14:51:08	78780.41	394737.07	33.66	Soil	9,240	-0.82
08/06/2021	14:51:09	78780.57	394737.07	33.67	Soil	7,380	-2.09
08/06/2021	14:51:10	78780.55	394737.20	33.61	Soil	9,060	-0.94
08/06/2021	14:51:11	78780.49	394737.28	33.55	Soil	9,840	-0.41
08/06/2021	14:51:12	78780.69	394737.47	33.46	Soil	8,220	-1.52
08/06/2021	14:51:13	78780.80	394737.31	33.51	Soil	7,200	-2.21
08/06/2021	14:51:14	78780.77	394737.36	33.51	Soil	7,320	-2.13
08/06/2021	14:51:15	78780.67	394737.36	33.54	Soil	7,500	-2.01
08/06/2021	14:51:16	78780.58	394737.50	33.57	Soil	7,620	-1.93
08/06/2021	14:51:17	78780.56	394737.67	33.57	Soil	9,360	-0.74
08/06/2021	14:51:18	78780.70	394737.55	33.56	Soil	7,980	-1.68
08/06/2021	14:51:19	78780.77	394737.47	33.58	Soil	7,500	-2.01
08/06/2021	14:51:20	78780.72	394737.52	33.59	Soil	8,700	-1.19
08/06/2021	14:51:21	78780.69	394737.54	33.55	Soil	7,200	-2.21
08/06/2021	14:51:22	78780.70	394737.54	33.56	Soil	8,340	-1.43
08/06/2021	14:51:23	78780.81	394737.64	33.64	Soil	8,160	-1.56
08/06/2021	14:51:24	78780.95	394737.77	33.61	Soil	7,620	-1.93
08/06/2021	14:51:25	78780.83	394737.62	33.78	Soil	7,980	-1.68
08/06/2021	14:51:26	78780.78	394737.32	34.08	Soil	9,180	-0.86

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08/06/2021	14:51:27	78780.73	394737.44	33.87	Soil	7,380	-2.09
08/06/2021	14:51:28	78780.54	394737.73	33.79	Soil	7,440	-2.05
08/06/2021	14:51:29	78780.54	394737.47	33.63	Soil	8,100	-1.60
08/06/2021	14:51:30	78780.73	394737.53	33.50	Soil	7,560	-1.97
08/06/2021	14:51:31	78780.77	394737.68	33.56	Soil	6,840	-2.46
08/06/2021	14:51:32	78780.62	394737.82	33.55	Soil	6,960	-2.38
08/06/2021	14:51:33	78780.54	394737.86	33.54	Soil	6,780	-2.50
08/06/2021	14:51:34	78780.57	394737.65	33.53	Soil	8,520	-1.31
08/06/2021	14:51:35	78780.57	394737.52	33.54	Soil	8,340	-1.43
08/06/2021	14:51:36	78780.51	394737.39	33.55	Soil	7,500	-2.01
08/06/2021	14:51:37	78780.61	394737.48	33.51	Soil	8,700	-1.19
08/06/2021	14:51:38	78780.70	394737.58	33.47	Soil	8,700	-1.19
08/06/2021	14:51:39	78780.80	394737.38	34.02	Soil	7,980	-1.68
08/06/2021	14:51:40	78780.80	394737.23	34.09	Soil	7,140	-2.25
08/06/2021	14:51:41	78780.77	394737.41	34.13	Soil	7,620	-1.93
08/06/2021	14:51:42	78780.75	394737.35	34.17	Soil	8,100	-1.60
08/06/2021	14:51:43	78780.71	394737.19	34.18	Soil	7,800	-1.80
08/06/2021	14:51:44	78780.72	394737.42	34.19	Soil	7,200	-2.21
08/06/2021	14:51:45	78780.74	394737.44	34.18	Soil	6,960	-2.38
08/06/2021	14:51:46	78780.72	394737.24	34.19	Soil	7,920	-1.72
08/06/2021	14:51:47	78780.69	394737.38	34.21	Soil	7,860	-1.76
08/06/2021	14:51:48	78780.69	394737.48	34.20	Soil	9,600	-0.57
08/06/2021	14:51:49	78780.70	394737.29	34.19	Soil	7,560	-1.97
08/06/2021	14:51:50	78780.66	394737.34	34.20	Soil	8,340	-1.43
08/06/2021	14:51:51	78780.66	394737.46	34.19	Soil	8,400	-1.39
08/06/2021	14:51:52	78780.67	394737.34	34.22	Soil	7,260	-2.17
08/06/2021	14:51:53	78780.59	394737.31	34.13	Soil	7,800	-1.80
08/06/2021	14:51:54	78780.50	394737.64	33.75	Soil	9,120	-0.90
08/06/2021	14:51:55	78780.42	394737.68	33.60	Soil	6,720	-2.54
08/06/2021	14:51:56	78780.37	394737.35	33.60	Soil	8,220	-1.52
08/06/2021	14:51:57	78780.39	394737.49	33.56	Soil	8,820	-1.10
08/06/2021	14:51:58	78780.41	394737.69	33.74	Soil	7,860	-1.76
08/06/2021	14:51:59	78780.27	394737.55	33.73	Soil	7,800	-1.80
08/06/2021	14:52:00	78780.17	394737.61	33.59	Soil	9,300	-0.78
08/06/2021	14:52:01	78780.29	394737.90	33.65	Soil	6,900	-2.42
08/06/2021	14:52:02	78780.21	394737.63	33.70	Soil	8,520	-1.31
08/06/2021	14:52:03	78780.03	394737.24	33.79	Soil	9,120	-0.90
08/06/2021	14:52:04	78780.01	394737.55	33.81	Soil	9,780	-0.45
08/06/2021	14:52:05	78779.95	394737.64	33.74	Soil	9,420	-0.69
08/06/2021	14:52:06	78779.89	394737.26	33.76	Soil	10,020	-0.28
08/06/2021	14:52:07	78779.95	394737.38	33.74	Soil	8,580	-1.27
08/06/2021	14:52:08	78779.98	394737.89	33.84	Soil	9,780	-0.45
08/06/2021	14:52:09	78779.91	394737.74	33.86	Soil	10,620	0.13
08/06/2021	14:52:10	78779.80	394737.29	33.90	Soil	10,860	0.29
08/06/2021	14:52:11	78779.74	394737.63	33.80	Soil	10,320	-0.08
08/06/2021	14:52:12	78779.69	394737.89	33.74	Soil	8,940	-1.02
08/06/2021	14:52:13	78779.67	394737.28	33.71	Soil	8,580	-1.27
08/06/2021	14:52:14	78779.67	394737.14	33.78	Soil	9,900	-0.37
08/06/2021	14:52:15	78779.68	394737.71	33.84	Soil	9,540	-0.61
08/06/2021	14:52:16	78779.63	394737.61	33.80	Soil	8,760	-1.15
08/06/2021	14:52:17	78779.64	394737.03	33.78	Soil	10,500	0.04

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08/06/2021	14:52:18	78779.62	394737.10	33.72	Soil	9,600	-0.57
08/06/2021	14:52:19	78779.65	394737.65	33.71	Soil	10,320	-0.08
08/06/2021	14:52:20	78779.64	394737.63	33.78	Soil	10,440	0.00
08/06/2021	14:52:21	78779.56	394737.39	33.76	Soil	9,600	-0.57
08/06/2021	14:52:22	78779.52	394737.68	33.78	Soil	9,240	-0.82
08/06/2021	14:52:23	78779.50	394737.81	33.84	Soil	9,060	-0.94
08/06/2021	14:52:24	78779.55	394737.59	33.82	Soil	9,960	-0.32
08/06/2021	14:52:25	78779.56	394737.46	33.88	Soil	11,280	0.58
08/06/2021	14:52:26	78779.51	394737.66	33.91	Soil	9,420	-0.69
08/06/2021	14:52:27	78779.51	394737.46	33.98	Soil	10,920	0.33
08/06/2021	14:52:28	78779.42	394737.07	34.19	Soil	12,360	1.32
08/06/2021	14:52:29	78779.21	394737.23	34.24	Soil	9,780	-0.45
08/06/2021	14:52:30	78779.20	394737.62	34.01	Soil	11,220	0.54
08/06/2021	14:52:31	78779.64	394737.54	33.90	Soil	9,840	-0.41
08/06/2021	14:52:32	78779.50	394737.32	33.90	Soil	9,240	-0.82
08/06/2021	14:52:33	78779.22	394737.36	33.96	Soil	10,860	0.29
08/06/2021	14:52:34	78779.18	394737.73	33.95	Soil	10,560	0.09
08/06/2021	14:52:35	78779.38	394737.37	34.08	Soil	10,080	-0.24
08/06/2021	14:52:36	78779.15	394737.16	34.16	Soil	9,780	-0.45
08/06/2021	14:52:37	78779.03	394737.53	34.22	Soil	10,500	0.04
08/06/2021	14:52:38	78779.04	394737.70	34.12	Soil	10,320	-0.08
08/06/2021	14:52:39	78779.45	394737.44	33.98	Soil	11,280	0.58
08/06/2021	14:52:40	78779.24	394737.30	34.08	Soil	10,380	-0.04
08/06/2021	14:52:41	78779.03	394737.34	34.22	Soil	10,380	-0.04
08/06/2021	14:52:42	78779.02	394737.18	34.25	Soil	9,840	-0.41
08/06/2021	14:52:43	78779.10	394737.12	34.20	Soil	9,780	-0.45
08/06/2021	14:52:44	78779.23	394737.49	34.21	Soil	10,200	-0.16
08/06/2021	14:52:45	78779.16	394737.60	34.26	Soil	10,020	-0.28
08/06/2021	14:52:46	78779.13	394736.92	34.37	Soil	10,500	0.04
08/06/2021	14:52:47	78779.13	394736.76	34.41	Soil	10,260	-0.12
08/06/2021	14:52:48	78778.86	394737.43	34.34	Soil	11,760	0.91
08/06/2021	14:52:49	78779.01	394737.94	34.28	Soil	10,800	0.25
08/06/2021	14:52:50	78779.01	394737.57	34.22	Soil	10,500	0.04
08/06/2021	14:52:51	78779.01	394737.61	34.31	Soil	10,980	0.37
08/06/2021	14:52:52	78779.05	394737.69	34.30	Soil	10,800	0.25
08/06/2021	14:52:53	78778.87	394737.50	34.37	Soil	9,480	-0.65
08/06/2021	14:52:54	78779.18	394737.19	34.30	Soil	8,580	-1.27
08/06/2021	14:52:55	78778.98	394737.39	34.41	Soil	10,260	-0.12
08/06/2021	14:52:56	78778.85	394737.45	34.46	Soil	9,660	-0.53
08/06/2021	14:52:57	78778.96	394736.96	34.55	Soil	10,260	-0.12
08/06/2021	14:52:58	78778.88	394737.12	34.53	Soil	10,680	0.17
08/06/2021	14:52:59	78778.61	394737.71	34.54	Soil	9,420	-0.69
08/06/2021	14:53:00	78778.54	394737.51	34.63	Soil	10,200	-0.16
08/06/2021	14:53:01	78778.49	394736.84	34.73	Soil	9,960	-0.32
08/06/2021	14:53:02	78778.54	394737.22	34.57	Soil	12,600	1.48
08/06/2021	14:53:03	78778.77	394737.75	34.54	Soil	10,500	0.04
08/06/2021	14:53:04	78778.67	394737.55	34.69	Soil	8,760	-1.15
08/06/2021	14:53:05	78778.37	394736.98	34.76	Soil	11,040	0.41
08/06/2021	14:53:06	78778.38	394737.22	34.65	Soil	9,540	-0.61
08/06/2021	14:53:07	78778.47	394737.64	34.55	Soil	8,820	-1.10
08/06/2021	14:53:08	78778.46	394737.70	34.53	Soil	9,720	-0.49

SU 7B GWS RESULTS

08/06/2021	14:53:09	78778.37	394737.18	34.79	Soil	10,560	0.09
08/06/2021	14:53:10	78778.24	394737.15	34.85	Soil	13,800	2.30
08/06/2021	14:53:11	78778.32	394737.61	34.84	Soil	11,880	0.99
08/06/2021	14:53:12	78778.29	394737.91	34.82	Soil	11,160	0.50
08/06/2021	14:53:13	78778.41	394737.45	34.94	Soil	10,020	-0.28
08/06/2021	14:53:14	78778.40	394737.00	35.06	Soil	9,420	-0.69
08/06/2021	14:53:15	78778.33	394737.55	34.97	Soil	10,500	0.04
08/06/2021	14:53:16	78778.30	394737.84	34.97	Soil	10,800	0.25
08/06/2021	14:53:17	78778.31	394737.19	35.14	Soil	9,960	-0.32
08/06/2021	14:53:18	78778.26	394737.00	35.18	Soil	10,020	-0.28
08/06/2021	14:53:19	78778.02	394737.73	35.12	Soil	9,480	-0.65
08/06/2021	14:53:20	78778.14	394738.04	35.13	Soil	11,400	0.66
08/06/2021	14:53:21	78778.09	394737.27	35.17	Soil	11,700	0.87
08/06/2021	14:53:22	78778.16	394737.19	35.18	Soil	11,280	0.58
08/06/2021	14:53:23	78777.99	394737.66	35.22	Soil	10,320	-0.08
08/06/2021	14:53:24	78777.76	394737.95	35.29	Soil	10,140	-0.20
08/06/2021	14:53:25	78777.79	394737.34	35.30	Soil	10,440	0.00
08/06/2021	14:53:26	78777.93	394736.99	35.32	Soil	9,240	-0.82
08/06/2021	14:53:27	78777.79	394737.54	35.26	Soil	8,820	-1.10
08/06/2021	14:53:28	78777.84	394737.96	35.32	Soil	9,180	-0.86
08/06/2021	14:53:29	78777.75	394737.46	35.41	Soil	11,820	0.95
08/06/2021	14:53:30	78777.77	394737.26	35.44	Soil	10,380	-0.04
08/06/2021	14:53:31	78777.59	394737.49	35.45	Soil	9,240	-0.82
08/06/2021	14:53:32	78777.50	394737.85	35.42	Soil	10,080	-0.24
08/06/2021	14:53:33	78777.53	394737.19	35.56	Soil	9,600	-0.57
08/06/2021	14:53:34	78777.59	394737.06	35.50	Soil	9,480	-0.65
08/06/2021	14:53:35	78777.48	394737.70	35.44	Soil	9,180	-0.86
08/06/2021	14:53:36	78777.56	394738.00	35.45	Soil	10,260	-0.12
08/06/2021	14:53:37	78777.38	394737.39	35.55	Soil	9,840	-0.41
08/06/2021	14:53:38	78777.35	394737.09	35.62	Soil	7,740	-1.84
08/06/2021	14:53:39	78777.35	394737.65	35.58	Soil	8,940	-1.02
08/06/2021	14:53:40	78777.35	394738.05	35.56	Soil	9,960	-0.32
08/06/2021	14:53:41	78777.17	394737.52	35.60	Soil	9,480	-0.65
08/06/2021	14:53:42	78777.21	394737.31	35.71	Soil	8,580	-1.27
08/06/2021	14:53:43	78777.27	394737.68	35.78	Soil	8,880	-1.06
08/06/2021	14:53:44	78777.32	394737.98	35.78	Soil	10,020	-0.28
08/06/2021	14:53:45	78777.42	394737.54	35.78	Soil	10,560	0.09
08/06/2021	14:53:46	78777.26	394737.45	35.78	Soil	9,660	-0.53
08/06/2021	14:53:47	78776.97	394738.05	35.87	Soil	9,240	-0.82
08/06/2021	14:53:48	78776.86	394738.17	35.88	Soil	9,480	-0.65
08/06/2021	14:53:49	78776.91	394737.30	35.88	Soil	8,640	-1.23
08/06/2021	14:53:50	78776.91	394737.21	35.88	Soil	8,820	-1.10
08/06/2021	14:53:51	78777.09	394738.07	35.91	Soil	9,300	-0.78
08/06/2021	14:53:52	78777.12	394738.17	35.96	Soil	11,220	0.54
08/06/2021	14:53:53	78776.80	394737.22	36.11	Soil	10,200	-0.16
08/06/2021	14:53:54	78776.72	394737.23	36.09	Soil	10,320	-0.08
08/06/2021	14:53:55	78776.98	394738.00	36.02	Soil	9,840	-0.41
08/06/2021	14:53:56	78776.98	394738.20	36.02	Soil	9,300	-0.78
08/06/2021	14:53:57	78776.73	394737.59	36.04	Soil	8,700	-1.19
08/06/2021	14:53:58	78776.65	394737.43	36.06	Soil	9,240	-0.82
08/06/2021	14:53:59	78776.66	394738.04	36.03	Soil	11,760	0.91

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08/06/2021	14:54:00	78776.80	394738.19	36.06	Soil	8,160	-1.56
08/06/2021	14:54:01	78776.95	394737.74	35.99	Soil	9,720	-0.49
08/06/2021	14:54:02	78776.88	394737.49	36.00	Soil	10,020	-0.28
08/06/2021	15:31:37	78771.96	394736.84	39.93	Soil	13,140	1.85
08/06/2021	15:31:38	78771.97	394736.37	39.83	Soil	11,400	0.66
08/06/2021	15:31:40	78771.93	394736.18	39.87	Soil	13,860	2.34
08/06/2021	15:31:42	78771.98	394736.05	39.84	Soil	11,820	0.95
08/06/2021	15:31:43	78771.93	394736.61	39.81	Soil	13,380	2.01
08/06/2021	15:31:46	78771.93	394736.65	39.74	Soil	11,520	0.74
08/06/2021	15:31:47	78772.08	394736.63	39.74	Soil	11,880	0.99
08/06/2021	15:31:48	78772.01	394736.07	39.76	Soil	12,300	1.28
08/06/2021	15:31:49	78772.07	394736.56	39.66	Soil	12,000	1.07
08/06/2021	15:31:50	78772.15	394736.38	39.62	Soil	11,040	0.41
08/06/2021	15:31:52	78772.18	394736.35	39.61	Soil	10,920	0.33
08/06/2021	15:31:53	78772.15	394736.96	39.61	Soil	14,280	2.63
08/06/2021	15:31:54	78772.25	394736.72	39.55	Soil	12,240	1.23
08/06/2021	15:31:55	78772.24	394736.17	39.51	Soil	12,180	1.19
08/06/2021	15:31:56	78772.27	394736.62	39.45	Soil	12,660	1.52
08/06/2021	15:31:57	78772.32	394736.63	39.44	Soil	12,180	1.19
08/06/2021	15:31:58	78772.19	394736.07	39.43	Soil	11,940	1.03
08/06/2021	15:31:59	78772.05	394736.40	39.41	Soil	12,120	1.15
08/06/2021	15:32:00	78772.11	394736.79	39.43	Soil	11,700	0.87
08/06/2021	15:32:00	78772.20	394736.31	39.46	Soil	11,700	0.87
08/06/2021	15:32:01	78772.25	394736.41	39.46	Soil	10,980	0.37
08/06/2021	15:32:02	78772.16	394736.98	39.49	Soil	12,360	1.32
08/06/2021	15:32:04	78772.13	394736.44	39.51	Soil	11,580	0.78
08/06/2021	15:32:05	78772.14	394736.15	39.49	Soil	11,880	0.99
08/06/2021	15:32:06	78772.28	394736.86	39.49	Soil	10,380	-0.04
08/06/2021	15:32:07	78772.36	394736.71	39.37	Soil	12,420	1.36
08/06/2021	15:32:08	78772.45	394736.28	39.37	Soil	11,040	0.41
08/06/2021	15:32:09	78772.46	394736.80	39.38	Soil	12,000	1.07
08/06/2021	15:32:10	78772.40	394736.96	39.34	Soil	11,280	0.58
08/06/2021	15:32:11	78772.39	394736.30	39.34	Soil	11,580	0.78
08/06/2021	15:32:11	78772.48	394736.48	39.35	Soil	11,640	0.82
08/06/2021	15:32:13	78772.60	394737.11	39.33	Soil	12,540	1.44
08/06/2021	15:32:14	78772.54	394736.57	39.33	Soil	12,360	1.32
08/06/2021	15:32:14	78772.53	394736.24	39.33	Soil	9,960	-0.32
08/06/2021	15:32:16	78772.68	394736.94	39.32	Soil	10,920	0.33
08/06/2021	15:32:17	78772.80	394736.96	39.24	Soil	12,420	1.36
08/06/2021	15:32:17	78772.74	394736.33	39.12	Soil	12,120	1.15
08/06/2021	15:32:18	78772.77	394736.72	39.14	Soil	11,520	0.74
08/06/2021	15:32:20	78772.75	394736.85	39.10	Soil	10,800	0.25
08/06/2021	15:32:20	78772.69	394736.47	39.10	Soil	12,660	1.52
08/06/2021	15:32:21	78772.66	394736.29	39.11	Soil	12,720	1.56
08/06/2021	15:32:22	78772.63	394736.79	39.15	Soil	12,840	1.65
08/06/2021	15:32:24	78772.65	394736.53	39.13	Soil	11,700	0.87
08/06/2021	15:32:24	78772.74	394735.91	39.24	Soil	10,440	0.00
08/06/2021	15:32:25	78772.70	394736.37	39.13	Soil	10,380	-0.04
08/06/2021	15:32:26	78772.63	394736.61	39.15	Soil	10,020	-0.28
08/06/2021	15:32:27	78772.77	394736.12	39.18	Soil	12,000	1.07
08/06/2021	15:32:28	78772.79	394736.52	39.19	Soil	9,060	-0.94

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08/06/2021	15:32:29	78772.86	394736.90	39.21	Soil	11,880	0.99
08/06/2021	15:32:31	78772.97	394736.16	39.19	Soil	11,340	0.62
08/06/2021	15:32:31	78772.96	394736.05	39.18	Soil	11,220	0.54
08/06/2021	15:32:33	78773.16	394736.80	39.16	Soil	11,760	0.91
08/06/2021	15:32:33	78773.02	394736.73	39.13	Soil	10,140	-0.20
08/06/2021	15:32:34	78773.01	394736.19	39.13	Soil	11,940	1.03
08/06/2021	15:32:35	78772.89	394736.45	39.12	Soil	10,800	0.25
08/06/2021	15:32:36	78773.13	394736.99	39.12	Soil	11,880	0.99
08/06/2021	15:32:37	78773.23	394736.22	39.09	Soil	10,020	-0.28
08/06/2021	15:32:38	78773.01	394736.08	39.07	Soil	10,200	-0.16
08/06/2021	15:32:39	78773.12	394736.96	39.06	Soil	10,260	-0.12
08/06/2021	15:32:40	78773.35	394736.87	39.05	Soil	11,580	0.78
08/06/2021	15:32:41	78773.20	394736.38	39.05	Soil	12,360	1.32
08/06/2021	15:32:42	78773.10	394736.62	39.06	Soil	11,160	0.50
08/06/2021	15:32:43	78773.22	394737.01	39.05	Soil	12,840	1.65
08/06/2021	15:32:44	78773.32	394736.45	39.02	Soil	10,140	-0.20
08/06/2021	15:32:45	78773.37	394736.30	39.03	Soil	11,340	0.62
08/06/2021	15:32:46	78773.43	394736.69	39.02	Soil	12,000	1.07
08/06/2021	15:32:47	78773.50	394736.83	39.20	Soil	10,860	0.29
08/06/2021	15:32:48	78773.45	394736.58	39.08	Soil	9,660	-0.53
08/06/2021	15:32:49	78773.26	394736.38	39.09	Soil	10,140	-0.20
08/06/2021	15:32:50	78773.23	394736.51	39.11	Soil	10,560	0.09
08/06/2021	15:32:51	78773.35	394736.61	39.10	Soil	11,700	0.87
08/06/2021	15:32:52	78773.32	394736.51	39.04	Soil	10,620	0.13
08/06/2021	15:32:53	78773.11	394736.66	39.07	Soil	11,520	0.74
08/06/2021	15:32:54	78773.07	394736.87	39.08	Soil	10,920	0.33
08/06/2021	15:32:55	78773.17	394736.35	39.05	Soil	10,440	0.00
08/06/2021	15:32:56	78773.12	394736.25	39.01	Soil	12,240	1.23
08/06/2021	15:32:57	78773.03	394737.06	39.33	Soil	9,660	-0.53
08/06/2021	15:32:58	78773.08	394737.06	39.41	Soil	11,760	0.91
08/06/2021	15:32:59	78773.16	394736.35	39.69	Soil	10,140	-0.20
08/06/2021	15:33:00	78773.11	394736.66	39.90	Soil	11,100	0.45
08/06/2021	15:33:01	78773.12	394737.03	40.09	Soil	10,020	-0.28
08/06/2021	15:33:03	78773.19	394736.59	40.40	Soil	11,520	0.74
08/06/2021	15:33:04	78773.20	394736.53	40.40	Soil	10,920	0.33
08/06/2021	15:33:04	78773.16	394736.99	40.63	Soil	10,980	0.37
08/06/2021	15:33:06	78773.23	394736.88	40.64	Soil	10,680	0.17
08/06/2021	15:33:06	78773.26	394736.55	40.64	Soil	11,580	0.78
08/06/2021	15:33:07	78773.19	394736.85	40.59	Soil	10,080	-0.24
08/06/2021	15:33:08	78773.20	394737.05	40.40	Soil	10,800	0.25
08/06/2021	15:33:09	78773.26	394736.64	40.08	Soil	12,720	1.56
08/06/2021	15:33:10	78773.26	394736.63	39.78	Soil	11,580	0.78
08/06/2021	15:33:11	78773.16	394736.91	39.55	Soil	11,040	0.41
08/06/2021	15:33:12	78773.15	394736.69	39.18	Soil	10,260	-0.12
08/06/2021	15:33:13	78773.32	394736.58	38.91	Soil	13,320	1.97
08/06/2021	15:33:14	78773.33	394736.72	38.74	Soil	9,420	-0.69
08/06/2021	15:33:15	78773.19	394736.72	38.62	Soil	11,880	0.99
08/06/2021	15:33:16	78773.15	394736.68	38.62	Soil	10,800	0.25
08/06/2021	15:33:17	78773.05	394736.60	38.58	Soil	10,800	0.25
08/06/2021	15:33:18	78773.03	394736.78	38.68	Soil	10,560	0.09
08/06/2021	15:33:19	78772.99	394736.71	38.69	Soil	10,680	0.17

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08/06/2021	15:33:20	78772.99	394736.40	38.71	Soil	10,620	0.13
08/06/2021	15:33:21	78773.03	394736.91	38.76	Soil	11,640	0.82
08/06/2021	15:33:22	78773.08	394736.71	38.74	Soil	10,980	0.37
08/06/2021	15:33:23	78773.30	394736.18	38.67	Soil	11,340	0.62
08/06/2021	15:33:24	78773.30	394736.72	38.67	Soil	11,640	0.82
08/06/2021	15:33:25	78773.25	394736.70	38.68	Soil	12,000	1.07
08/06/2021	15:33:27	78773.37	394736.15	38.75	Soil	11,640	0.82
08/06/2021	15:33:27	78773.38	394736.60	38.73	Soil	11,400	0.66
08/06/2021	15:33:28	78773.38	394737.07	38.76	Soil	12,000	1.07
08/06/2021	15:33:29	78773.56	394736.36	38.76	Soil	11,280	0.58
08/06/2021	15:33:30	78773.60	394736.42	38.77	Soil	10,440	0.00
08/06/2021	15:33:31	78773.66	394737.05	38.79	Soil	11,520	0.74
08/06/2021	15:33:32	78773.68	394736.50	38.78	Soil	10,560	0.09
08/06/2021	15:33:33	78773.61	394736.11	38.79	Soil	10,140	-0.20
08/06/2021	15:33:34	78773.45	394736.90	38.83	Soil	11,520	0.74
08/06/2021	15:33:35	78773.48	394736.77	38.77	Soil	11,220	0.54
08/06/2021	15:33:36	78773.79	394736.08	38.81	Soil	10,920	0.33
08/06/2021	15:33:37	78773.72	394736.65	38.77	Soil	10,440	0.00
08/06/2021	15:33:38	78773.58	394737.06	38.78	Soil	10,080	-0.24
08/06/2021	15:33:39	78773.58	394736.55	38.69	Soil	11,160	0.50
08/06/2021	15:33:40	78773.70	394736.49	38.61	Soil	11,580	0.78
08/06/2021	15:33:41	78773.92	394736.95	38.57	Soil	10,620	0.13
08/06/2021	15:33:42	78773.96	394736.80	38.53	Soil	11,760	0.91
08/06/2021	15:33:43	78773.97	394736.39	38.50	Soil	10,320	-0.08
08/06/2021	15:33:44	78774.00	394736.80	38.50	Soil	10,140	-0.20
08/06/2021	15:33:45	78774.04	394736.96	38.46	Soil	10,800	0.25
08/06/2021	15:33:46	78774.13	394736.36	38.41	Soil	11,220	0.54
08/06/2021	15:33:47	78774.11	394736.54	38.40	Soil	10,020	-0.28
08/06/2021	15:33:48	78773.98	394737.17	38.41	Soil	11,040	0.41
08/06/2021	15:33:49	78773.97	394736.71	38.34	Soil	9,780	-0.45
08/06/2021	15:33:50	78774.10	394736.34	38.27	Soil	11,940	1.03
08/06/2021	15:33:51	78774.11	394736.89	38.29	Soil	8,820	-1.10
08/06/2021	15:33:52	78773.99	394736.98	38.31	Soil	11,820	0.95
08/06/2021	15:33:53	78774.02	394736.63	38.24	Soil	10,680	0.17
08/06/2021	15:33:54	78774.19	394736.97	38.30	Soil	10,380	-0.04
08/06/2021	15:33:55	78774.14	394737.04	38.26	Soil	10,140	-0.20
08/06/2021	15:33:56	78774.14	394736.45	38.24	Soil	9,900	-0.37
08/06/2021	15:33:57	78774.25	394736.39	38.15	Soil	10,680	0.17
08/06/2021	15:33:58	78774.13	394736.92	38.13	Soil	9,480	-0.65
08/06/2021	15:33:59	78774.12	394736.61	38.10	Soil	10,080	-0.24
08/06/2021	15:34:00	78774.13	394736.15	38.11	Soil	10,080	-0.24
08/06/2021	15:34:01	78774.19	394736.74	38.08	Soil	9,180	-0.86
08/06/2021	15:34:02	78774.22	394736.79	38.02	Soil	9,000	-0.98
08/06/2021	15:34:03	78774.42	394736.11	38.04	Soil	8,940	-1.02
08/06/2021	15:34:04	78774.41	394736.64	38.02	Soil	11,400	0.66
08/06/2021	15:34:05	78774.35	394737.14	38.06	Soil	9,960	-0.32
08/06/2021	15:34:06	78774.45	394736.53	37.94	Soil	9,360	-0.74
08/06/2021	15:34:07	78774.47	394736.40	37.94	Soil	9,720	-0.49
08/06/2021	15:34:08	78774.42	394737.00	37.96	Soil	9,300	-0.78
08/06/2021	15:34:09	78774.49	394736.58	37.88	Soil	9,900	-0.37
08/06/2021	15:34:10	78774.48	394736.05	37.93	Soil	9,120	-0.90

SU 7B GWS RESULTS

08/06/2021	15:34:11	78774.43	394736.63	37.87	Soil	9,480	-0.65
08/06/2021	15:34:12	78774.58	394736.94	37.84	Soil	10,020	-0.28
08/06/2021	15:34:13	78774.69	394736.34	37.76	Soil	10,080	-0.24
08/06/2021	15:34:14	78774.49	394736.49	37.74	Soil	8,940	-1.02
08/06/2021	15:34:15	78774.40	394737.03	37.79	Soil	11,100	0.45
08/06/2021	15:34:16	78774.41	394736.76	37.70	Soil	10,560	0.09
08/06/2021	15:34:17	78774.52	394736.21	37.66	Soil	9,000	-0.98
08/06/2021	15:34:18	78774.66	394736.68	37.61	Soil	8,040	-1.64
08/06/2021	15:34:19	78774.71	394736.91	37.68	Soil	8,580	-1.27
08/06/2021	15:34:20	78774.75	394736.44	37.63	Soil	9,660	-0.53
08/06/2021	15:34:21	78774.66	394736.40	37.70	Soil	8,820	-1.10
08/06/2021	15:34:22	78774.59	394737.07	37.64	Soil	7,620	-1.93
08/06/2021	15:34:23	78774.58	394737.11	37.63	Soil	10,380	-0.04
08/06/2021	15:34:24	78774.83	394736.65	37.64	Soil	10,200	-0.16
08/06/2021	15:34:25	78774.80	394736.63	37.66	Soil	8,400	-1.39
08/06/2021	15:34:26	78774.83	394737.24	37.67	Soil	9,240	-0.82
08/06/2021	15:34:27	78774.98	394737.11	37.66	Soil	10,860	0.29
08/06/2021	15:34:28	78774.97	394736.62	37.76	Soil	8,760	-1.15
08/06/2021	15:34:29	78774.77	394737.46	37.69	Soil	9,060	-0.94
08/06/2021	15:34:30	78774.67	394737.62	37.70	Soil	10,380	-0.04
08/06/2021	15:34:31	78774.77	394736.75	37.70	Soil	10,140	-0.20
08/06/2021	15:34:32	78774.59	394736.94	37.73	Soil	8,820	-1.10
08/06/2021	15:34:33	78774.81	394737.57	37.80	Soil	9,660	-0.53
08/06/2021	15:34:34	78774.65	394737.20	37.77	Soil	9,660	-0.53
08/06/2021	15:34:35	78774.68	394736.58	37.77	Soil	9,180	-0.86
08/06/2021	15:34:36	78774.77	394737.15	37.76	Soil	9,480	-0.65
08/06/2021	15:34:37	78774.94	394737.50	37.72	Soil	10,140	-0.20
08/06/2021	15:34:38	78774.93	394736.80	37.71	Soil	10,620	0.13
08/06/2021	15:34:39	78774.82	394736.97	37.68	Soil	7,380	-2.09
08/06/2021	15:34:40	78774.77	394737.49	37.75	Soil	10,320	-0.08
08/06/2021	15:34:41	78774.92	394737.09	37.74	Soil	10,920	0.33
08/06/2021	15:34:42	78775.03	394736.49	37.72	Soil	9,780	-0.45
08/06/2021	15:34:43	78774.88	394737.14	37.73	Soil	9,180	-0.86
08/06/2021	15:34:44	78774.87	394737.48	37.72	Soil	9,660	-0.53
08/06/2021	15:34:45	78775.19	394736.77	37.66	Soil	9,840	-0.41
08/06/2021	15:34:46	78775.27	394736.71	37.63	Soil	9,720	-0.49
08/06/2021	15:34:47	78775.17	394737.46	37.70	Soil	10,500	0.04
08/06/2021	15:34:48	78775.17	394737.23	37.61	Soil	10,560	0.09
08/06/2021	15:34:49	78775.14	394736.80	37.57	Soil	8,760	-1.15
08/06/2021	15:34:50	78775.31	394736.87	37.59	Soil	9,300	-0.78
08/06/2021	15:34:51	78775.04	394737.38	37.64	Soil	10,560	0.09
08/06/2021	15:34:52	78775.21	394737.26	37.61	Soil	10,080	-0.24
08/06/2021	15:34:53	78775.09	394737.13	37.62	Soil	8,760	-1.15
08/06/2021	15:34:54	78775.02	394737.36	37.68	Soil	8,340	-1.43
08/06/2021	15:34:55	78775.13	394737.57	37.62	Soil	9,780	-0.45
08/06/2021	15:34:56	78775.32	394736.80	37.62	Soil	9,360	-0.74
08/06/2021	15:34:57	78775.30	394736.75	37.61	Soil	9,240	-0.82
08/06/2021	15:34:58	78775.28	394737.54	37.60	Soil	9,600	-0.57
08/06/2021	15:34:59	78775.41	394737.24	37.55	Soil	10,020	-0.28
08/06/2021	15:35:00	78775.48	394736.60	37.50	Soil	10,980	0.37
08/06/2021	15:35:01	78775.36	394737.23	37.55	Soil	9,960	-0.32

SU 7B GWS RESULTS

08/06/2021	15:35:02	78775.14	394737.62	37.59	Soil	9,120	-0.90
08/06/2021	15:35:03	78775.20	394736.91	37.53	Soil	9,180	-0.86
08/06/2021	15:35:04	78775.30	394736.75	37.51	Soil	8,580	-1.27
08/06/2021	15:35:05	78775.18	394737.33	37.63	Soil	10,200	-0.16
08/06/2021	15:35:06	78774.78	394737.14	37.73	Soil	9,900	-0.37
08/06/2021	15:35:07	78774.93	394736.73	37.82	Soil	10,140	-0.20
08/06/2021	15:35:08	78774.36	394736.88	37.92	Soil	10,560	0.09
08/06/2021	15:35:09	78774.46	394737.30	38.09	Soil	8,820	-1.10
08/06/2021	15:35:10	78774.44	394737.71	38.14	Soil	8,880	-1.06
08/06/2021	15:35:11	78774.26	394737.31	38.13	Soil	9,540	-0.61
08/06/2021	15:35:12	78774.26	394737.14	38.13	Soil	9,360	-0.74
08/06/2021	15:35:13	78774.37	394737.70	38.25	Soil	9,480	-0.65
08/06/2021	15:35:14	78774.42	394737.39	38.22	Soil	11,580	0.78
08/06/2021	15:35:15	78774.35	394736.75	38.21	Soil	9,840	-0.41
08/06/2021	15:35:16	78774.37	394737.27	38.25	Soil	10,200	-0.16
08/06/2021	15:35:17	78774.33	394737.63	38.27	Soil	10,920	0.33
08/06/2021	15:35:18	78774.31	394736.86	38.19	Soil	9,540	-0.61
08/06/2021	15:35:19	78774.26	394737.09	38.26	Soil	8,940	-1.02
08/06/2021	15:35:20	78774.12	394737.67	38.34	Soil	10,920	0.33
08/06/2021	15:35:21	78773.98	394737.19	38.29	Soil	10,320	-0.08
08/06/2021	15:35:22	78774.10	394737.04	38.33	Soil	10,200	-0.16
08/06/2021	15:35:23	78774.14	394737.53	38.41	Soil	9,060	-0.94
08/06/2021	15:35:24	78774.14	394737.26	38.36	Soil	9,240	-0.82
08/06/2021	15:35:25	78774.08	394736.70	38.34	Soil	11,220	0.54
08/06/2021	15:35:26	78774.02	394737.22	38.40	Soil	9,480	-0.65
08/06/2021	15:35:27	78773.85	394737.43	38.39	Soil	10,320	-0.08
08/06/2021	15:35:28	78773.91	394736.77	38.38	Soil	10,080	-0.24
08/06/2021	15:35:29	78773.75	394737.21	38.45	Soil	10,380	-0.04
08/06/2021	15:35:30	78773.90	394737.66	38.47	Soil	8,880	-1.06
08/06/2021	15:35:31	78774.05	394736.90	38.42	Soil	9,780	-0.45
08/06/2021	15:35:32	78774.00	394736.95	38.50	Soil	11,100	0.45
08/06/2021	15:35:33	78773.94	394737.71	38.45	Soil	10,920	0.33
08/06/2021	15:35:34	78773.91	394737.27	38.49	Soil	10,440	0.00
08/06/2021	15:35:35	78773.93	394736.94	38.49	Soil	10,440	0.00
08/06/2021	15:35:36	78773.78	394737.55	38.58	Soil	9,540	-0.61
08/06/2021	15:35:37	78773.74	394737.53	38.44	Soil	9,780	-0.45
08/06/2021	15:35:38	78773.84	394737.08	38.23	Soil	13,200	1.89
08/06/2021	15:35:39	78773.77	394737.50	38.25	Soil	11,640	0.82
08/06/2021	15:35:40	78773.65	394737.43	38.12	Soil	10,740	0.21
08/06/2021	15:35:41	78773.68	394736.92	38.10	Soil	11,940	1.03
08/06/2021	15:35:42	78773.57	394737.42	38.10	Soil	11,520	0.74
08/06/2021	15:35:43	78773.87	394737.61	38.04	Soil	9,840	-0.41
08/06/2021	15:35:44	78773.72	394736.89	37.98	Soil	10,020	-0.28
08/06/2021	15:35:45	78773.66	394736.97	37.95	Soil	10,500	0.04
08/06/2021	15:35:46	78773.59	394737.42	37.95	Soil	10,680	0.17
08/06/2021	15:35:47	78773.79	394737.38	37.96	Soil	9,780	-0.45
08/06/2021	15:35:48	78773.78	394736.86	37.98	Soil	10,740	0.21
08/06/2021	15:35:49	78773.78	394737.23	38.05	Soil	11,100	0.45
08/06/2021	15:35:50	78773.79	394737.57	37.94	Soil	10,140	-0.20
08/06/2021	15:35:51	78773.85	394736.91	37.85	Soil	10,320	-0.08
08/06/2021	15:35:52	78773.81	394737.16	37.89	Soil	11,280	0.58

SU 7B GWS RESULTS

08/06/2021	15:35:53	78773.67	394737.81	37.84	Soil	9,600	-0.57
08/06/2021	15:35:54	78773.78	394737.15	37.80	Soil	9,780	-0.45
08/06/2021	15:35:55	78773.78	394737.06	37.76	Soil	11,580	0.78
08/06/2021	15:35:56	78773.60	394737.50	37.80	Soil	12,600	1.48
08/06/2021	15:35:57	78773.78	394737.29	37.75	Soil	11,220	0.54
08/06/2021	15:35:58	78773.60	394737.00	37.72	Soil	10,980	0.37
08/06/2021	15:35:59	78773.51	394737.31	37.77	Soil	10,980	0.37
08/06/2021	15:36:00	78773.66	394737.58	37.77	Soil	9,900	-0.37
08/06/2021	15:36:01	78773.58	394736.89	37.72	Soil	9,900	-0.37
08/06/2021	15:36:02	78773.62	394737.11	37.67	Soil	10,920	0.33
08/06/2021	15:36:03	78773.36	394737.40	37.71	Soil	10,500	0.04
08/06/2021	15:36:04	78773.60	394737.12	37.80	Soil	11,820	0.95
08/06/2021	15:36:05	78773.65	394736.75	37.77	Soil	11,520	0.74
08/06/2021	15:36:06	78773.45	394737.22	37.79	Soil	11,040	0.41
08/06/2021	15:36:07	78773.61	394737.16	37.79	Soil	12,360	1.32
08/06/2021	15:36:08	78773.65	394736.69	37.78	Soil	10,140	-0.20
08/06/2021	15:36:09	78773.45	394737.23	37.88	Soil	13,080	1.81
08/06/2021	15:36:10	78773.46	394737.18	37.78	Soil	12,120	1.15
08/06/2021	15:36:11	78773.39	394736.73	37.79	Soil	12,240	1.23
08/06/2021	15:36:12	78773.40	394737.11	37.82	Soil	10,320	-0.08
08/06/2021	15:36:13	78773.57	394737.38	37.78	Soil	11,580	0.78
08/06/2021	15:36:14	78773.37	394736.90	37.81	Soil	11,580	0.78
08/06/2021	15:36:15	78773.25	394736.89	37.83	Soil	11,220	0.54
08/06/2021	15:36:16	78773.30	394737.24	37.81	Soil	10,440	0.00
08/06/2021	15:36:17	78773.51	394737.15	37.83	Soil	11,100	0.45
08/06/2021	15:36:18	78773.53	394736.99	37.87	Soil	12,000	1.07
08/06/2021	15:36:19	78773.36	394737.41	37.90	Soil	13,800	2.30
08/06/2021	15:36:20	78773.36	394737.48	37.91	Soil	11,520	0.74
08/06/2021	15:36:21	78773.51	394736.83	37.84	Soil	12,720	1.56
08/06/2021	15:36:22	78773.49	394736.90	37.86	Soil	10,980	0.37
08/06/2021	15:36:23	78773.39	394737.47	37.90	Soil	10,500	0.04
08/06/2021	15:36:24	78773.50	394737.03	37.85	Soil	10,980	0.37
08/06/2021	15:36:25	78773.55	394736.68	37.82	Soil	12,240	1.23
08/06/2021	15:36:26	78773.41	394737.37	37.89	Soil	9,960	-0.32
08/06/2021	15:36:27	78773.43	394737.08	37.89	Soil	11,580	0.78
08/06/2021	15:36:28	78773.53	394736.40	37.81	Soil	10,680	0.17
08/06/2021	15:36:29	78773.49	394737.09	37.87	Soil	13,380	2.01
08/06/2021	15:36:30	78773.42	394737.26	37.88	Soil	12,060	1.11
08/06/2021	15:36:31	78773.54	394736.53	37.82	Soil	10,500	0.04
08/06/2021	15:36:32	78773.50	394736.78	37.89	Soil	10,200	-0.16
08/06/2021	15:36:33	78773.39	394737.29	37.90	Soil	12,300	1.28
08/06/2021	15:36:34	78773.41	394736.68	37.91	Soil	11,100	0.45
08/06/2021	15:36:35	78773.48	394736.58	37.89	Soil	11,880	0.99
08/06/2021	15:36:36	78773.43	394737.20	37.90	Soil	10,860	0.29
08/06/2021	15:36:37	78773.39	394736.84	37.90	Soil	11,280	0.58
08/06/2021	15:36:38	78773.29	394736.63	37.82	Soil	11,100	0.45
08/06/2021	15:36:39	78773.20	394736.75	37.80	Soil	11,880	0.99
08/06/2021	15:36:40	78773.34	394736.59	37.78	Soil	9,900	-0.37
08/06/2021	15:36:41	78773.43	394736.58	37.80	Soil	11,580	0.78
08/06/2021	15:36:42	78773.47	394736.42	37.76	Soil	11,760	0.91
08/06/2021	15:36:43	78773.48	394736.40	37.82	Soil	11,040	0.41

SU 7B GWS RESULTS

08/06/2021	15:36:44	78773.48	394736.16	37.87	Soil	10,980	0.37
08/06/2021	15:36:45	78773.45	394736.48	37.89	Soil	10,320	-0.08
08/06/2021	15:36:46	78773.50	394736.76	37.90	Soil	9,540	-0.61
08/06/2021	15:36:47	78773.51	394736.30	37.87	Soil	11,400	0.66
08/06/2021	15:36:48	78773.52	394736.35	37.86	Soil	12,060	1.11
08/06/2021	15:36:49	78773.51	394736.91	37.89	Soil	9,240	-0.82
08/06/2021	15:36:50	78773.46	394736.42	37.84	Soil	10,680	0.17
08/06/2021	15:36:51	78773.36	394736.27	37.88	Soil	10,980	0.37
08/06/2021	15:36:52	78773.35	394737.20	37.87	Soil	11,880	0.99
08/06/2021	15:36:53	78773.52	394737.27	37.88	Soil	11,040	0.41
08/06/2021	15:36:54	78773.38	394737.19	37.84	Soil	11,940	1.03
08/06/2021	15:36:55	78773.32	394737.62	37.85	Soil	12,360	1.32
08/06/2021	15:36:56	78773.49	394737.48	37.82	Soil	11,400	0.66
08/06/2021	15:36:57	78773.59	394737.13	37.79	Soil	10,860	0.29
08/06/2021	15:36:58	78773.50	394737.46	37.80	Soil	10,980	0.37
08/06/2021	15:36:59	78773.47	394737.52	37.79	Soil	11,400	0.66
08/06/2021	15:37:00	78773.53	394737.02	37.78	Soil	10,920	0.33
08/06/2021	15:37:01	78773.41	394737.19	37.78	Soil	11,460	0.70
08/06/2021	15:37:02	78773.32	394737.61	37.71	Soil	11,460	0.70
08/06/2021	15:37:03	78773.70	394737.44	37.70	Soil	12,240	1.23
08/06/2021	15:37:04	78773.73	394737.27	37.65	Soil	10,020	-0.28
08/06/2021	15:37:05	78773.42	394737.78	37.73	Soil	10,920	0.33
08/06/2021	15:37:06	78773.64	394737.70	37.69	Soil	10,320	-0.08
08/06/2021	15:37:07	78773.94	394737.12	37.65	Soil	10,740	0.21
08/06/2021	15:37:08	78773.86	394737.52	37.63	Soil	11,640	0.82
08/06/2021	15:37:09	78773.80	394737.88	37.58	Soil	9,540	-0.61
08/06/2021	15:37:10	78773.82	394737.15	37.57	Soil	11,700	0.87
08/06/2021	15:37:11	78773.69	394737.05	37.57	Soil	11,280	0.58
08/06/2021	15:37:12	78773.48	394737.58	37.64	Soil	10,740	0.21
08/06/2021	15:37:13	78773.57	394737.26	37.66	Soil	11,040	0.41
08/06/2021	15:37:14	78773.73	394737.02	37.70	Soil	10,440	0.00
08/06/2021	15:37:15	78773.50	394737.48	37.71	Soil	12,660	1.52
08/06/2021	15:37:16	78773.31	394737.76	37.74	Soil	10,980	0.37
08/06/2021	15:37:17	78773.36	394737.35	37.78	Soil	9,420	-0.69
08/06/2021	15:37:18	78773.46	394737.17	37.73	Soil	10,980	0.37
08/06/2021	15:37:19	78773.39	394737.73	37.74	Soil	10,200	-0.16
08/06/2021	15:37:20	78773.34	394737.62	37.78	Soil	13,140	1.85
08/06/2021	15:37:21	78773.39	394737.15	37.81	Soil	10,860	0.29
08/06/2021	15:37:22	78773.34	394737.31	37.81	Soil	11,700	0.87
08/06/2021	15:37:23	78773.24	394737.80	37.78	Soil	11,460	0.70
08/06/2021	15:37:24	78773.27	394737.43	37.79	Soil	13,320	1.97
08/06/2021	15:37:25	78773.33	394737.02	37.76	Soil	10,860	0.29
08/06/2021	15:37:26	78773.22	394737.62	37.83	Soil	10,140	-0.20
08/06/2021	15:37:27	78773.19	394737.69	37.84	Soil	12,180	1.19
08/06/2021	15:37:28	78773.29	394736.97	37.83	Soil	11,340	0.62
08/06/2021	15:37:29	78773.23	394737.19	37.87	Soil	11,700	0.87
08/06/2021	15:37:30	78773.02	394737.81	37.89	Soil	10,740	0.21
08/06/2021	15:37:31	78772.92	394737.45	37.83	Soil	11,700	0.87
08/06/2021	15:37:32	78772.89	394737.24	37.78	Soil	9,540	-0.61
08/06/2021	15:37:33	78773.01	394737.23	37.92	Soil	11,940	1.03
08/06/2021	15:37:34	78772.97	394737.41	38.07	Soil	11,700	0.87

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08/06/2021	15:37:35	78773.04	394737.58	37.95	Soil	12,300	1.28
08/06/2021	15:37:36	78773.13	394737.33	37.92	Soil	12,240	1.23
08/06/2021	15:37:37	78772.95	394737.09	37.96	Soil	11,220	0.54
08/06/2021	15:37:38	78772.82	394737.28	38.00	Soil	12,540	1.44
08/06/2021	15:37:39	78772.97	394737.34	38.02	Soil	9,840	-0.41
08/06/2021	15:37:40	78773.06	394737.06	38.05	Soil	14,400	2.71
08/06/2021	15:37:41	78772.91	394737.38	38.05	Soil	12,060	1.11
08/06/2021	15:37:42	78772.79	394737.59	38.08	Soil	11,760	0.91
08/06/2021	15:37:43	78772.82	394737.34	38.07	Soil	11,640	0.82
08/06/2021	15:37:44	78773.06	394736.99	38.00	Soil	12,120	1.15
08/06/2021	15:37:45	78772.99	394736.89	38.11	Soil	11,460	0.70
08/06/2021	15:37:46	78772.97	394737.32	38.16	Soil	11,040	0.41
08/06/2021	15:37:47	78772.81	394737.44	38.17	Soil	11,940	1.03
08/06/2021	15:37:48	78772.89	394737.01	38.10	Soil	12,480	1.40
08/06/2021	15:37:49	78772.92	394737.22	38.14	Soil	11,220	0.54
08/06/2021	15:37:50	78772.83	394737.58	38.21	Soil	10,920	0.33
08/06/2021	15:37:51	78772.88	394736.99	38.20	Soil	12,720	1.56
08/06/2021	15:37:52	78772.72	394737.07	38.20	Soil	10,500	0.04
08/06/2021	15:37:53	78772.56	394737.43	38.26	Soil	12,060	1.11
08/06/2021	15:37:54	78772.75	394736.91	38.26	Soil	12,000	1.07
08/06/2021	15:37:55	78772.82	394736.85	38.30	Soil	11,580	0.78
08/06/2021	15:37:56	78772.56	394737.21	38.37	Soil	10,980	0.37
08/06/2021	15:37:57	78772.55	394737.25	38.39	Soil	11,940	1.03
08/06/2021	15:37:58	78772.44	394736.88	38.43	Soil	12,540	1.44
08/06/2021	15:37:59	78772.59	394737.12	38.43	Soil	11,580	0.78
08/06/2021	15:38:00	78772.64	394737.39	38.44	Soil	12,360	1.32
08/06/2021	15:38:01	78772.52	394736.98	38.40	Soil	12,660	1.52
08/06/2021	15:38:02	78772.53	394737.12	38.43	Soil	12,960	1.73
08/06/2021	15:38:03	78772.49	394737.36	38.45	Soil	11,340	0.62
08/06/2021	15:38:04	78772.76	394737.14	38.44	Soil	12,000	1.07
08/06/2021	15:38:05	78772.77	394737.04	38.47	Soil	11,640	0.82
08/06/2021	15:38:06	78772.70	394737.51	38.50	Soil	12,000	1.07
08/06/2021	15:38:07	78772.74	394737.34	38.46	Soil	11,100	0.45
08/06/2021	15:38:08	78772.65	394737.10	38.87	Soil	12,180	1.19
08/06/2021	15:38:09	78772.63	394737.58	38.85	Soil	11,520	0.74
08/06/2021	15:38:10	78772.50	394737.73	38.75	Soil	12,780	1.60
08/06/2021	15:38:11	78772.63	394737.29	38.73	Soil	12,480	1.40
08/06/2021	15:38:12	78772.62	394737.43	38.65	Soil	11,460	0.70
08/06/2021	15:38:13	78772.60	394737.50	38.44	Soil	12,540	1.44
08/06/2021	15:38:14	78772.70	394737.44	38.39	Soil	12,000	1.07
08/06/2021	15:38:15	78772.79	394737.26	38.30	Soil	12,540	1.44
08/06/2021	15:38:16	78772.54	394737.49	38.43	Soil	11,940	1.03
08/06/2021	15:38:17	78772.49	394737.35	38.38	Soil	10,860	0.29
08/06/2021	15:38:18	78772.45	394737.41	38.42	Soil	11,280	0.58
08/06/2021	15:38:19	78772.35	394737.50	38.50	Soil	10,740	0.21
08/06/2021	15:38:20	78772.33	394737.43	38.52	Soil	13,800	2.30
08/06/2021	15:38:21	78772.43	394737.42	38.63	Soil	13,320	1.97
08/06/2021	15:38:22	78772.42	394737.85	38.71	Soil	10,860	0.29
08/06/2021	15:38:23	78772.39	394737.72	38.67	Soil	12,360	1.32
08/06/2021	15:38:24	78772.52	394737.27	38.52	Soil	10,440	0.00
08/06/2021	15:38:25	78772.47	394737.75	38.64	Soil	13,380	2.01

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08/06/2021	15:38:26	78772.46	394737.84	38.66	Soil	10,380	-0.04
08/06/2021	15:38:27	78772.46	394737.14	38.58	Soil	13,140	1.85
08/06/2021	15:38:28	78772.21	394737.39	38.67	Soil	12,600	1.48
08/06/2021	15:38:29	78772.06	394737.74	38.73	Soil	12,240	1.23
08/06/2021	15:38:30	78772.35	394737.37	38.65	Soil	11,040	0.41
08/06/2021	15:38:31	78772.39	394737.19	38.69	Soil	14,100	2.51
08/06/2021	15:38:32	78772.28	394737.70	38.79	Soil	12,960	1.73
08/06/2021	15:38:33	78772.25	394737.45	38.79	Soil	11,100	0.45
08/06/2021	15:38:34	78772.13	394737.02	38.80	Soil	11,820	0.95
08/06/2021	15:38:36	78772.10	394737.66	38.85	Soil	12,240	1.23
08/06/2021	15:38:37	78772.13	394737.13	38.82	Soil	11,400	0.66
08/06/2021	15:38:40	78772.08	394737.17	38.90	Soil	11,520	0.74
08/06/2021	15:38:41	78772.08	394737.12	38.92	Soil	12,720	1.56
08/06/2021	15:38:43	78772.00	394737.28	38.96	Soil	10,980	0.37
08/06/2021	15:38:44	78771.96	394737.14	38.89	Soil	10,920	0.33
08/06/2021	15:38:47	78772.10	394737.11	38.84	Soil	11,940	1.03
08/06/2021	15:38:50	78772.01	394737.41	38.79	Soil	12,180	1.19
08/06/2021	15:38:51	78772.05	394737.15	38.86	Soil	12,480	1.40
08/06/2021	15:43:01	78771.82	394735.57	38.75	Soil	10,920	0.33
08/06/2021	15:43:13	78771.86	394736.23	38.83	Soil	11,940	1.03
08/06/2021	15:43:16	78771.92	394736.09	38.78	Soil	14,100	2.51
08/06/2021	15:43:17	78771.99	394735.88	38.77	Soil	12,240	1.23
08/06/2021	15:43:18	78771.96	394735.75	38.78	Soil	10,980	0.37
08/06/2021	15:43:19	78771.92	394736.13	38.81	Soil	11,640	0.82
08/06/2021	15:43:20	78771.87	394736.04	38.85	Soil	11,160	0.50
08/06/2021	15:43:21	78771.93	394735.86	38.77	Soil	12,480	1.40
08/06/2021	15:43:22	78772.00	394736.25	38.74	Soil	12,000	1.07
08/06/2021	15:43:23	78772.03	394736.08	38.67	Soil	12,420	1.36
08/06/2021	15:43:24	78771.93	394735.68	38.68	Soil	11,520	0.74
08/06/2021	15:43:25	78771.83	394736.01	38.75	Soil	11,760	0.91
08/06/2021	15:43:26	78771.98	394736.03	38.71	Soil	11,760	0.91
08/06/2021	15:43:27	78772.13	394735.67	38.64	Soil	10,980	0.37
08/06/2021	15:43:28	78771.97	394736.06	38.66	Soil	12,180	1.19
08/06/2021	15:43:29	78771.86	394736.25	38.64	Soil	11,760	0.91
08/06/2021	15:43:30	78771.90	394735.78	38.58	Soil	10,860	0.29
08/06/2021	15:43:31	78772.05	394735.80	38.49	Soil	12,840	1.65
08/06/2021	15:43:32	78772.14	394736.03	38.51	Soil	11,040	0.41
08/06/2021	15:43:33	78772.10	394736.21	38.45	Soil	11,820	0.95
08/06/2021	15:43:34	78772.18	394736.18	38.45	Soil	12,840	1.65
08/06/2021	15:43:35	78772.27	394735.83	38.42	Soil	12,840	1.65
08/06/2021	15:43:36	78772.12	394735.76	38.38	Soil	11,580	0.78
08/06/2021	15:43:37	78772.10	394736.18	38.37	Soil	10,980	0.37
08/06/2021	15:43:38	78772.22	394736.16	38.33	Soil	12,300	1.28
08/06/2021	15:43:39	78772.38	394735.78	38.37	Soil	12,300	1.28
08/06/2021	15:43:40	78772.36	394735.79	38.35	Soil	11,340	0.62
08/06/2021	15:43:41	78772.40	394736.11	38.33	Soil	11,400	0.66
08/06/2021	15:43:42	78772.41	394735.74	38.43	Soil	10,920	0.33
08/06/2021	15:43:43	78772.32	394735.54	38.40	Soil	12,360	1.32
08/06/2021	15:43:44	78772.39	394736.09	38.33	Soil	12,120	1.15
08/06/2021	15:43:45	78772.39	394736.47	38.37	Soil	12,120	1.15
08/06/2021	15:43:46	78772.30	394736.20	38.47	Soil	12,600	1.48

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08/06/2021	15:43:47	78772.38	394736.29	38.37	Soil	11,280	0.58
08/06/2021	15:43:48	78772.48	394736.35	38.25	Soil	11,280	0.58
08/06/2021	15:43:49	78772.38	394735.90	38.26	Soil	10,980	0.37
08/06/2021	15:43:50	78772.35	394735.79	38.30	Soil	11,520	0.74
08/06/2021	15:43:51	78772.32	394736.17	38.35	Soil	12,000	1.07
08/06/2021	15:43:52	78772.43	394736.03	38.35	Soil	12,600	1.48
08/06/2021	15:43:53	78772.44	394735.79	38.36	Soil	10,740	0.21
08/06/2021	15:43:54	78772.35	394736.24	38.38	Soil	11,760	0.91
08/06/2021	15:43:55	78772.51	394736.13	38.40	Soil	13,020	1.77
08/06/2021	15:43:56	78772.60	394735.87	38.39	Soil	11,340	0.62
08/06/2021	15:43:57	78772.52	394736.32	38.36	Soil	11,400	0.66
08/06/2021	15:43:58	78772.59	394736.67	38.31	Soil	10,020	-0.28
08/06/2021	15:43:59	78772.79	394736.14	38.26	Soil	12,300	1.28
08/06/2021	15:44:00	78772.78	394735.86	38.27	Soil	10,620	0.13
08/06/2021	15:44:01	78772.60	394736.25	38.27	Soil	8,880	-1.06
08/06/2021	15:44:02	78772.60	394735.85	38.29	Soil	11,520	0.74
08/06/2021	15:44:03	78772.82	394735.55	38.21	Soil	12,120	1.15
08/06/2021	15:44:04	78772.85	394736.11	38.18	Soil	10,920	0.33
08/06/2021	15:44:05	78772.83	394736.23	38.19	Soil	10,500	0.04
08/06/2021	15:44:06	78772.70	394735.91	38.23	Soil	11,280	0.58
08/06/2021	15:44:07	78772.75	394735.96	38.25	Soil	10,260	-0.12
08/06/2021	15:44:08	78772.85	394736.27	38.27	Soil	11,100	0.45
08/06/2021	15:44:09	78772.83	394736.00	38.23	Soil	11,160	0.50
08/06/2021	15:44:10	78772.84	394735.77	38.25	Soil	11,760	0.91
08/06/2021	15:44:11	78772.85	394736.11	38.27	Soil	11,880	0.99
08/06/2021	15:44:12	78772.84	394736.19	38.28	Soil	11,520	0.74
08/06/2021	15:44:13	78772.93	394735.74	38.25	Soil	8,640	-1.23
08/06/2021	15:44:14	78772.92	394735.84	38.31	Soil	12,300	1.28
08/06/2021	15:44:15	78772.84	394736.28	38.34	Soil	12,960	1.73
08/06/2021	15:44:16	78772.95	394735.92	38.31	Soil	11,700	0.87
08/06/2021	15:44:17	78773.02	394735.70	38.34	Soil	9,840	-0.41
08/06/2021	15:44:18	78772.99	394736.24	38.38	Soil	12,360	1.32
08/06/2021	15:44:19	78773.09	394736.16	38.31	Soil	10,200	-0.16
08/06/2021	15:44:20	78773.14	394735.65	38.29	Soil	11,280	0.58
08/06/2021	15:44:21	78773.21	394736.00	38.34	Soil	11,520	0.74
08/06/2021	15:44:22	78773.30	394736.35	38.31	Soil	11,100	0.45
08/06/2021	15:44:23	78773.16	394735.88	38.31	Soil	11,100	0.45
08/06/2021	15:44:24	78773.07	394735.87	38.28	Soil	12,000	1.07
08/06/2021	15:44:25	78773.19	394736.49	38.33	Soil	11,280	0.58
08/06/2021	15:44:26	78773.19	394736.39	38.21	Soil	10,380	-0.04
08/06/2021	15:44:27	78773.13	394735.72	38.19	Soil	11,760	0.91
08/06/2021	15:44:28	78773.17	394736.02	38.23	Soil	11,040	0.41
08/06/2021	15:44:29	78773.25	394736.35	38.21	Soil	12,480	1.40
08/06/2021	15:44:30	78773.24	394735.98	38.22	Soil	12,120	1.15
08/06/2021	15:44:31	78773.21	394735.98	38.20	Soil	12,120	1.15
08/06/2021	15:44:32	78773.38	394736.50	38.23	Soil	12,480	1.40
08/06/2021	15:44:33	78773.43	394736.40	38.16	Soil	10,920	0.33
08/06/2021	15:44:34	78773.33	394735.86	38.19	Soil	11,280	0.58
08/06/2021	15:44:35	78773.37	394736.01	38.19	Soil	12,180	1.19
08/06/2021	15:44:36	78773.47	394736.31	38.20	Soil	10,920	0.33
08/06/2021	15:44:37	78773.39	394735.90	38.23	Soil	10,620	0.13

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08/06/2021	15:44:38	78773.30	394735.76	38.22	Soil	12,300	1.28
08/06/2021	15:44:39	78773.34	394736.21	38.18	Soil	11,280	0.58
08/06/2021	15:44:40	78773.42	394736.13	38.16	Soil	9,600	-0.57
08/06/2021	15:44:41	78773.45	394735.77	38.20	Soil	10,800	0.25
08/06/2021	15:44:42	78773.38	394736.01	38.24	Soil	10,440	0.00
08/06/2021	15:44:43	78773.45	394736.21	38.27	Soil	11,340	0.62
08/06/2021	15:44:44	78773.58	394735.94	38.31	Soil	8,940	-1.02
08/06/2021	15:44:45	78773.68	394735.95	38.26	Soil	11,520	0.74
08/06/2021	15:44:46	78773.62	394736.29	38.26	Soil	11,820	0.95
08/06/2021	15:44:47	78773.65	394736.05	38.26	Soil	11,880	0.99
08/06/2021	15:44:48	78773.70	394735.88	38.24	Soil	11,700	0.87
08/06/2021	15:44:49	78773.68	394736.34	38.24	Soil	11,580	0.78
08/06/2021	15:44:50	78773.60	394736.16	38.23	Soil	10,980	0.37
08/06/2021	15:44:51	78773.51	394735.74	38.25	Soil	11,820	0.95
08/06/2021	15:44:52	78773.46	394736.23	38.27	Soil	11,820	0.95
08/06/2021	15:44:53	78773.47	394736.42	38.25	Soil	12,240	1.23
08/06/2021	15:44:54	78773.70	394735.89	38.22	Soil	10,800	0.25
08/06/2021	15:44:55	78773.73	394736.06	38.20	Soil	10,200	-0.16
08/06/2021	15:44:56	78773.67	394736.55	38.22	Soil	11,040	0.41
08/06/2021	15:44:57	78773.79	394736.06	38.14	Soil	10,980	0.37
08/06/2021	15:44:58	78773.67	394735.75	38.15	Soil	10,620	0.13
08/06/2021	15:44:59	78773.62	394736.42	38.19	Soil	9,960	-0.32
08/06/2021	15:45:00	78773.67	394736.34	38.07	Soil	11,280	0.58
08/06/2021	15:45:01	78773.73	394735.73	38.09	Soil	11,100	0.45
08/06/2021	15:45:02	78773.78	394735.95	38.11	Soil	10,500	0.04
08/06/2021	15:45:03	78773.78	394736.31	38.09	Soil	12,360	1.32
08/06/2021	15:45:04	78773.75	394735.94	38.08	Soil	10,860	0.29
08/06/2021	15:45:05	78773.77	394736.00	38.08	Soil	11,520	0.74
08/06/2021	15:45:06	78773.76	394736.52	38.17	Soil	10,440	0.00
08/06/2021	15:45:07	78773.75	394736.39	38.12	Soil	11,400	0.66
08/06/2021	15:45:08	78773.79	394735.90	38.05	Soil	10,380	-0.04
08/06/2021	15:45:09	78773.76	394736.18	38.11	Soil	10,860	0.29
08/06/2021	15:45:10	78773.76	394736.45	38.08	Soil	10,560	0.09
08/06/2021	15:45:11	78773.94	394735.96	38.08	Soil	12,180	1.19
08/06/2021	15:45:12	78774.00	394735.82	38.08	Soil	11,460	0.70
08/06/2021	15:45:13	78773.99	394736.24	38.09	Soil	10,860	0.29
08/06/2021	15:45:14	78773.96	394736.11	38.09	Soil	10,920	0.33
08/06/2021	15:45:15	78773.96	394735.84	38.04	Soil	10,560	0.09
08/06/2021	15:45:16	78774.02	394736.27	38.02	Soil	10,620	0.13
08/06/2021	15:45:17	78774.01	394736.50	38.02	Soil	11,700	0.87
08/06/2021	15:45:18	78774.09	394736.25	37.99	Soil	10,380	-0.04
08/06/2021	15:45:19	78773.94	394735.88	38.00	Soil	12,120	1.15
08/06/2021	15:45:20	78773.93	394735.91	38.12	Soil	11,580	0.78
08/06/2021	15:45:21	78774.00	394736.06	38.29	Soil	10,860	0.29
08/06/2021	15:45:22	78774.10	394736.13	38.33	Soil	10,440	0.00
08/06/2021	15:45:23	78773.93	394735.94	38.34	Soil	10,740	0.21
08/06/2021	15:45:24	78774.10	394735.99	38.34	Soil	10,440	0.00
08/06/2021	15:45:25	78774.14	394736.16	38.35	Soil	11,040	0.41
08/06/2021	15:45:26	78774.08	394736.00	38.30	Soil	12,180	1.19
08/06/2021	15:45:27	78774.03	394735.88	38.31	Soil	10,620	0.13
08/06/2021	15:45:28	78773.94	394736.05	38.32	Soil	10,440	0.00

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08/06/2021	15:45:29	78773.86	394736.09	38.33	Soil	11,940	1.03
08/06/2021	15:45:30	78773.86	394736.06	38.30	Soil	11,160	0.50
08/06/2021	15:45:31	78773.91	394736.16	38.30	Soil	10,920	0.33
08/06/2021	15:45:32	78773.89	394736.10	38.33	Soil	11,160	0.50
08/06/2021	15:45:33	78773.89	394735.91	38.34	Soil	10,200	-0.16
08/06/2021	15:45:34	78773.97	394735.94	38.34	Soil	10,920	0.33
08/06/2021	15:45:35	78773.95	394735.98	38.36	Soil	9,360	-0.74
08/06/2021	15:45:36	78773.87	394735.91	38.38	Soil	9,840	-0.41
08/06/2021	15:45:37	78773.88	394735.97	38.37	Soil	11,100	0.45
08/06/2021	15:45:38	78773.90	394736.09	38.37	Soil	10,440	0.00
08/06/2021	15:45:39	78773.86	394736.04	38.38	Soil	11,100	0.45
08/06/2021	15:45:40	78773.87	394735.97	38.25	Soil	12,900	1.69
08/06/2021	15:45:41	78773.94	394736.11	38.04	Soil	9,180	-0.86
08/06/2021	15:45:42	78773.89	394736.41	38.08	Soil	10,500	0.04
08/06/2021	15:45:43	78773.86	394736.28	38.06	Soil	10,740	0.21
08/06/2021	15:45:44	78774.00	394735.80	38.03	Soil	12,120	1.15
08/06/2021	15:45:45	78774.00	394736.09	38.02	Soil	11,640	0.82
08/06/2021	15:45:46	78773.97	394736.43	37.98	Soil	11,400	0.66
08/06/2021	15:45:47	78773.97	394736.09	38.01	Soil	10,560	0.09
08/06/2021	15:45:48	78773.93	394735.85	38.08	Soil	11,220	0.54
08/06/2021	15:45:49	78773.94	394736.37	38.09	Soil	10,920	0.33
08/06/2021	15:45:50	78774.07	394736.64	37.97	Soil	10,080	-0.24
08/06/2021	15:45:51	78774.14	394736.04	37.92	Soil	9,420	-0.69
08/06/2021	15:45:52	78774.13	394735.89	37.97	Soil	11,640	0.82
08/06/2021	15:45:53	78774.04	394736.38	37.95	Soil	10,860	0.29
08/06/2021	15:45:54	78774.01	394736.58	37.95	Soil	10,620	0.13
08/06/2021	15:45:55	78774.17	394736.08	37.94	Soil	9,720	-0.49
08/06/2021	15:45:56	78774.21	394735.97	37.95	Soil	10,080	-0.24
08/06/2021	15:45:57	78774.02	394736.57	37.97	Soil	11,280	0.58
08/06/2021	15:45:58	78774.07	394736.40	37.96	Soil	9,960	-0.32
08/06/2021	15:45:59	78774.17	394735.91	37.97	Soil	10,080	-0.24
08/06/2021	15:46:00	78773.98	394736.42	38.03	Soil	10,980	0.37
08/06/2021	15:46:01	78773.92	394736.78	38.02	Soil	11,640	0.82
08/06/2021	15:46:02	78774.12	394736.24	37.99	Soil	10,320	-0.08
08/06/2021	15:46:03	78774.25	394735.97	38.00	Soil	10,920	0.33
08/06/2021	15:46:04	78774.11	394736.49	37.97	Soil	9,900	-0.37
08/06/2021	15:46:05	78774.10	394736.42	37.95	Soil	10,560	0.09
08/06/2021	15:46:06	78774.23	394735.89	37.94	Soil	12,900	1.69
08/06/2021	15:46:07	78774.22	394736.02	37.84	Soil	11,640	0.82
08/06/2021	15:46:08	78774.16	394736.31	37.75	Soil	9,600	-0.57
08/06/2021	15:46:09	78774.15	394736.33	37.72	Soil	9,300	-0.78
08/06/2021	15:46:10	78774.16	394736.31	37.69	Soil	10,020	-0.28
08/06/2021	15:46:11	78774.11	394736.31	37.65	Soil	9,720	-0.49
08/06/2021	15:46:12	78774.16	394736.28	37.70	Soil	9,180	-0.86
08/06/2021	15:46:13	78774.15	394736.26	37.69	Soil	9,600	-0.57
08/06/2021	15:46:14	78774.09	394736.27	37.65	Soil	8,940	-1.02
08/06/2021	15:46:15	78774.17	394736.30	37.71	Soil	8,460	-1.35
08/06/2021	15:46:16	78774.07	394736.56	37.77	Soil	10,200	-0.16
08/06/2021	15:46:17	78774.17	394736.43	37.79	Soil	11,220	0.54
08/06/2021	15:46:18	78774.31	394736.11	37.77	Soil	9,300	-0.78
08/06/2021	15:46:19	78774.23	394736.53	37.74	Soil	9,240	-0.82

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08/06/2021	15:46:20	78774.25	394736.58	37.69	Soil	9,840	-0.41
08/06/2021	15:46:21	78774.52	394736.00	37.77	Soil	10,260	-0.12
08/06/2021	15:46:22	78774.59	394736.17	37.70	Soil	11,460	0.70
08/06/2021	15:46:23	78774.55	394736.77	37.66	Soil	9,780	-0.45
08/06/2021	15:46:24	78774.51	394736.38	37.65	Soil	9,360	-0.74
08/06/2021	15:46:25	78774.53	394736.08	37.63	Soil	8,940	-1.02
08/06/2021	15:46:26	78774.64	394736.47	37.61	Soil	10,200	-0.16
08/06/2021	15:46:27	78774.64	394736.66	37.56	Soil	9,540	-0.61
08/06/2021	15:46:28	78774.79	394736.23	37.60	Soil	8,580	-1.27
08/06/2021	15:46:29	78774.66	394736.18	37.55	Soil	9,240	-0.82
08/06/2021	15:46:30	78774.55	394736.55	37.52	Soil	9,360	-0.74
08/06/2021	15:46:31	78774.72	394736.47	37.52	Soil	8,820	-1.10
08/06/2021	15:46:32	78774.89	394735.88	37.54	Soil	10,560	0.09
08/06/2021	15:46:33	78774.69	394736.08	37.51	Soil	9,900	-0.37
08/06/2021	15:46:34	78774.46	394736.54	37.50	Soil	9,240	-0.82
08/06/2021	15:46:35	78774.69	394736.28	37.47	Soil	9,300	-0.78
08/06/2021	15:46:36	78774.91	394735.98	37.50	Soil	8,880	-1.06
08/06/2021	15:46:37	78774.70	394736.16	37.56	Soil	8,520	-1.31
08/06/2021	15:46:38	78774.65	394736.27	37.56	Soil	9,420	-0.69
08/06/2021	15:46:39	78774.69	394736.41	37.50	Soil	8,340	-1.43
08/06/2021	15:46:40	78774.72	394736.30	37.46	Soil	10,320	-0.08
08/06/2021	15:46:41	78774.76	394735.92	37.39	Soil	8,640	-1.23
08/06/2021	15:46:42	78774.74	394736.11	37.47	Soil	9,660	-0.53
08/06/2021	15:46:43	78774.71	394736.37	37.44	Soil	9,600	-0.57
08/06/2021	15:46:44	78774.95	394735.97	37.40	Soil	9,180	-0.86
08/06/2021	15:46:45	78775.07	394735.65	37.46	Soil	8,640	-1.23
08/06/2021	15:46:46	78774.94	394736.06	37.50	Soil	9,240	-0.82
08/06/2021	15:46:47	78774.85	394736.31	37.45	Soil	9,060	-0.94
08/06/2021	15:46:48	78774.91	394735.81	37.46	Soil	9,120	-0.90
08/06/2021	15:46:49	78774.92	394735.82	37.42	Soil	8,220	-1.52
08/06/2021	15:46:50	78774.85	394736.32	37.42	Soil	9,480	-0.65
08/06/2021	15:46:51	78774.90	394736.10	37.39	Soil	9,240	-0.82
08/06/2021	15:46:52	78775.08	394735.63	37.51	Soil	9,300	-0.78
08/06/2021	15:46:53	78775.09	394735.87	37.47	Soil	10,500	0.04
08/06/2021	15:46:54	78774.98	394736.13	37.48	Soil	8,460	-1.35
08/06/2021	15:46:55	78775.04	394735.82	37.50	Soil	10,080	-0.24
08/06/2021	15:46:56	78775.06	394735.83	37.49	Soil	10,080	-0.24
08/06/2021	15:46:57	78775.01	394736.26	37.44	Soil	9,840	-0.41
08/06/2021	15:46:58	78775.12	394736.12	37.47	Soil	9,780	-0.45
08/06/2021	15:46:59	78775.18	394735.80	37.47	Soil	9,000	-0.98
08/06/2021	15:47:00	78775.02	394736.16	37.42	Soil	8,520	-1.31
08/06/2021	15:47:01	78774.95	394736.47	37.32	Soil	8,940	-1.02
08/06/2021	15:47:02	78775.10	394736.11	37.32	Soil	9,000	-0.98
08/06/2021	15:47:03	78775.17	394735.98	37.31	Soil	9,720	-0.49
08/06/2021	15:47:04	78775.16	394736.48	37.37	Soil	9,420	-0.69
08/06/2021	15:47:05	78775.25	394736.43	37.34	Soil	8,580	-1.27
08/06/2021	15:47:06	78775.28	394736.08	37.32	Soil	8,760	-1.15
08/06/2021	15:47:07	78775.29	394735.93	37.29	Soil	9,600	-0.57
08/06/2021	15:47:08	78775.23	394736.16	37.35	Soil	10,080	-0.24
08/06/2021	15:47:09	78775.35	394736.31	37.32	Soil	9,300	-0.78
08/06/2021	15:47:10	78775.53	394735.91	37.27	Soil	10,680	0.17

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08/06/2021	15:47:11	78775.52	394735.82	37.20	Soil	8,880	-1.06
08/06/2021	15:47:12	78775.28	394736.23	37.25	Soil	8,640	-1.23
08/06/2021	15:47:13	78775.20	394736.29	37.27	Soil	9,480	-0.65
08/06/2021	15:47:14	78775.47	394735.91	37.22	Soil	10,500	0.04
08/06/2021	15:47:15	78775.64	394735.93	37.23	Soil	10,140	-0.20
08/06/2021	15:47:16	78775.41	394736.40	37.26	Soil	8,460	-1.35
08/06/2021	15:47:17	78775.35	394736.17	37.24	Soil	8,460	-1.35
08/06/2021	15:47:18	78775.52	394735.63	37.29	Soil	9,180	-0.86
08/06/2021	15:47:19	78775.53	394735.97	37.25	Soil	10,020	-0.28
08/06/2021	15:47:20	78775.46	394736.39	37.29	Soil	10,260	-0.12
08/06/2021	15:47:21	78775.55	394735.98	37.25	Soil	8,940	-1.02
08/06/2021	15:47:22	78775.59	394735.66	37.21	Soil	8,100	-1.60
08/06/2021	15:47:23	78775.44	394736.16	37.25	Soil	9,000	-0.98
08/06/2021	15:47:24	78775.38	394736.34	37.23	Soil	10,200	-0.16
08/06/2021	15:47:25	78775.64	394735.81	37.22	Soil	9,720	-0.49
08/06/2021	15:47:26	78775.70	394735.72	37.20	Soil	10,140	-0.20
08/06/2021	15:47:27	78775.62	394736.10	37.23	Soil	9,540	-0.61
08/06/2021	15:47:28	78775.61	394736.20	37.25	Soil	10,440	0.00
08/06/2021	15:47:29	78775.58	394735.90	37.28	Soil	10,200	-0.16
08/06/2021	15:47:30	78775.50	394736.01	37.27	Soil	9,180	-0.86
08/06/2021	15:47:31	78775.48	394736.31	37.31	Soil	10,260	-0.12
08/06/2021	15:47:32	78775.56	394736.08	37.25	Soil	10,440	0.00
08/06/2021	15:47:33	78775.64	394735.87	37.27	Soil	11,220	0.54
08/06/2021	15:47:34	78775.57	394736.05	37.27	Soil	9,780	-0.45
08/06/2021	15:47:35	78775.50	394736.20	37.30	Soil	9,240	-0.82
08/06/2021	15:47:36	78775.52	394736.07	37.30	Soil	9,840	-0.41
08/06/2021	15:47:37	78775.50	394736.03	37.28	Soil	10,320	-0.08
08/06/2021	15:47:38	78775.60	394736.07	37.33	Soil	10,260	-0.12
08/06/2021	15:47:39	78775.83	394736.12	37.37	Soil	11,220	0.54
08/06/2021	15:47:40	78775.86	394736.28	37.32	Soil	10,440	0.00
08/06/2021	15:47:41	78775.71	394736.29	37.35	Soil	10,440	0.00
08/06/2021	15:47:42	78775.66	394736.19	37.30	Soil	9,720	-0.49
08/06/2021	15:47:43	78775.76	394736.09	37.27	Soil	9,180	-0.86
08/06/2021	15:47:44	78775.69	394736.00	37.21	Soil	9,480	-0.65
08/06/2021	15:47:45	78775.65	394736.25	37.23	Soil	10,380	-0.04
08/06/2021	15:47:46	78775.71	394736.23	37.23	Soil	11,460	0.70
08/06/2021	15:47:47	78775.64	394736.14	37.24	Soil	9,900	-0.37
08/06/2021	15:47:48	78775.74	394736.35	37.14	Soil	10,200	-0.16
08/06/2021	15:47:49	78775.76	394736.39	37.15	Soil	9,840	-0.41
08/06/2021	15:47:50	78775.67	394736.39	37.14	Soil	10,440	0.00
08/06/2021	15:47:51	78775.63	394736.40	37.14	Soil	10,260	-0.12
08/06/2021	15:47:52	78775.62	394736.40	37.12	Soil	11,400	0.66
08/06/2021	15:47:53	78775.62	394736.40	37.12	Soil	10,620	0.13
08/06/2021	15:47:54	78775.62	394736.39	37.11	Soil	10,020	-0.28
08/06/2021	15:47:55	78775.61	394736.39	37.11	Soil	10,560	0.09
08/06/2021	15:47:56	78775.61	394736.39	37.10	Soil	8,760	-1.15
08/06/2021	15:47:57	78775.61	394736.39	37.09	Soil	9,960	-0.32
08/06/2021	15:47:58	78775.60	394736.40	37.07	Soil	10,080	-0.24
08/06/2021	15:47:59	78775.67	394736.17	37.14	Soil	9,540	-0.61
08/06/2021	15:48:00	78775.66	394736.15	37.07	Soil	9,240	-0.82
08/06/2021	15:48:01	78775.59	394736.17	37.06	Soil	10,500	0.04

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08/06/2021	15:48:02	78775.53	394736.07	37.06	Soil	9,120	-0.90
08/06/2021	15:48:03	78775.56	394736.02	37.11	Soil	9,660	-0.53
08/06/2021	15:48:04	78775.69	394735.97	37.21	Soil	9,420	-0.69
08/06/2021	15:48:05	78775.83	394735.93	37.24	Soil	10,200	-0.16
08/06/2021	15:48:06	78775.87	394735.88	37.25	Soil	10,140	-0.20
08/06/2021	15:48:07	78775.87	394735.88	37.20	Soil	8,640	-1.23
08/06/2021	15:48:08	78775.93	394736.00	37.20	Soil	8,400	-1.39
08/06/2021	15:48:09	78775.95	394736.12	37.29	Soil	9,660	-0.53
08/06/2021	15:48:10	78775.87	394736.08	37.19	Soil	8,760	-1.15
08/06/2021	15:48:11	78775.77	394735.89	37.22	Soil	9,540	-0.61
08/06/2021	15:48:12	78775.81	394735.78	37.26	Soil	9,720	-0.49
08/06/2021	15:48:13	78775.88	394735.79	37.19	Soil	8,820	-1.10
08/06/2021	15:48:14	78775.90	394735.66	37.20	Soil	10,500	0.04
08/06/2021	15:48:15	78775.96	394735.36	37.32	Soil	9,180	-0.86
08/06/2021	15:48:16	78775.94	394734.91	37.44	Soil	10,140	-0.20
08/06/2021	15:48:17	78775.92	394734.75	37.44	Soil	9,360	-0.74
08/06/2021	15:48:18	78775.79	394735.02	37.38	Soil	8,880	-1.06
08/06/2021	15:48:19	78775.72	394735.05	37.41	Soil	8,640	-1.23
08/06/2021	15:48:20	78775.86	394734.96	37.39	Soil	9,060	-0.94
08/06/2021	15:48:21	78775.92	394734.88	37.43	Soil	9,600	-0.57
08/06/2021	15:48:22	78775.70	394735.17	37.37	Soil	10,620	0.13
08/06/2021	15:48:23	78775.71	394735.45	37.33	Soil	10,200	-0.16
08/06/2021	15:48:24	78775.83	394735.01	37.44	Soil	9,240	-0.82
08/06/2021	15:48:25	78775.67	394735.04	37.40	Soil	9,000	-0.98
08/06/2021	15:48:26	78775.59	394735.23	37.41	Soil	9,480	-0.65
08/06/2021	15:48:27	78775.66	394735.21	37.41	Soil	9,300	-0.78
08/06/2021	15:48:28	78775.78	394735.30	37.37	Soil	8,520	-1.31
08/06/2021	15:48:29	78775.81	394735.26	37.30	Soil	8,700	-1.19
08/06/2021	15:48:30	78775.72	394735.21	37.32	Soil	9,000	-0.98
08/06/2021	15:48:31	78775.68	394735.20	37.32	Soil	9,900	-0.37
08/06/2021	15:48:32	78775.70	394735.22	37.45	Soil	8,940	-1.02
08/06/2021	15:48:33	78775.80	394735.24	37.69	Soil	8,580	-1.27
08/06/2021	15:48:34	78775.86	394735.42	37.83	Soil	10,140	-0.20
08/06/2021	15:48:35	78775.70	394735.52	37.82	Soil	10,500	0.04
08/06/2021	15:48:36	78775.64	394735.48	37.81	Soil	10,740	0.21
08/06/2021	15:48:37	78775.86	394735.56	37.78	Soil	8,340	-1.43
08/06/2021	15:48:38	78775.94	394735.59	37.76	Soil	10,620	0.13
08/06/2021	15:48:39	78775.84	394735.45	37.76	Soil	10,200	-0.16
08/06/2021	15:48:40	78775.84	394735.52	37.73	Soil	9,540	-0.61
08/06/2021	15:48:41	78775.80	394735.69	37.66	Soil	9,720	-0.49
08/06/2021	15:48:42	78775.73	394735.63	37.28	Soil	10,140	-0.20
08/06/2021	15:48:43	78775.76	394735.56	37.20	Soil	9,420	-0.69
08/06/2021	15:48:44	78775.82	394735.51	37.24	Soil	10,980	0.37
08/06/2021	15:48:45	78775.71	394735.33	37.45	Soil	9,000	-0.98
08/06/2021	15:48:46	78775.67	394735.48	37.39	Soil	9,300	-0.78
08/06/2021	15:48:47	78775.66	394735.89	37.35	Soil	9,840	-0.41
08/06/2021	15:48:48	78775.58	394735.70	37.44	Soil	9,300	-0.78
08/06/2021	15:48:49	78775.64	394735.47	37.53	Soil	8,640	-1.23
08/06/2021	15:48:50	78775.61	394735.48	37.44	Soil	9,840	-0.41
08/06/2021	15:48:51	78775.64	394735.55	37.47	Soil	9,420	-0.69
08/06/2021	15:48:52	78775.61	394735.41	37.55	Soil	8,940	-1.02

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08/06/2021	15:48:53	78775.35	394735.36	37.49	Soil	8,400	-1.39
08/06/2021	15:48:54	78775.31	394735.64	37.53	Soil	9,420	-0.69
08/06/2021	15:48:55	78775.46	394735.70	37.48	Soil	8,760	-1.15
08/06/2021	15:48:56	78775.53	394735.51	37.46	Soil	9,720	-0.49
08/06/2021	15:48:57	78775.48	394735.73	37.32	Soil	8,700	-1.19
08/06/2021	15:48:58	78775.31	394735.91	37.33	Soil	10,560	0.09
08/06/2021	15:48:59	78775.36	394735.47	37.44	Soil	9,660	-0.53
08/06/2021	15:49:00	78775.43	394735.19	37.53	Soil	8,520	-1.31
08/06/2021	15:49:01	78775.29	394735.59	37.44	Soil	9,660	-0.53
08/06/2021	15:49:02	78775.20	394735.82	37.41	Soil	9,000	-0.98
08/06/2021	15:49:03	78775.31	394735.36	37.50	Soil	10,320	-0.08
08/06/2021	15:49:04	78775.38	394735.35	37.49	Soil	9,660	-0.53
08/06/2021	15:49:05	78775.33	394735.68	37.53	Soil	8,400	-1.39
08/06/2021	15:49:06	78775.32	394735.35	37.64	Soil	9,540	-0.61
08/06/2021	15:49:07	78775.26	394735.05	37.67	Soil	9,600	-0.57
08/06/2021	15:49:08	78775.11	394735.64	37.57	Soil	9,420	-0.69
08/06/2021	15:49:09	78775.14	394735.97	37.55	Soil	9,120	-0.90
08/06/2021	15:49:10	78775.31	394735.49	37.57	Soil	9,660	-0.53
08/06/2021	15:49:11	78775.23	394735.31	37.53	Soil	10,380	-0.04
08/06/2021	15:49:12	78775.05	394735.65	37.46	Soil	10,260	-0.12
08/06/2021	15:49:13	78775.14	394735.56	37.55	Soil	8,580	-1.27
08/06/2021	15:49:14	78775.15	394735.29	37.60	Soil	8,280	-1.47
08/06/2021	15:49:15	78775.06	394735.62	37.58	Soil	9,000	-0.98
08/06/2021	15:49:16	78775.07	394735.86	37.57	Soil	8,640	-1.23
08/06/2021	15:49:17	78775.12	394735.48	37.51	Soil	7,740	-1.84
08/06/2021	15:49:18	78775.04	394735.39	37.48	Soil	10,500	0.04
08/06/2021	15:49:19	78774.92	394735.62	37.52	Soil	10,020	-0.28
08/06/2021	15:49:20	78775.00	394735.32	37.62	Soil	8,580	-1.27
08/06/2021	15:49:21	78775.01	394735.25	37.67	Soil	9,300	-0.78
08/06/2021	15:49:22	78774.89	394735.66	37.81	Soil	9,300	-0.78
08/06/2021	15:49:23	78774.85	394735.62	37.69	Soil	9,240	-0.82
08/06/2021	15:49:24	78774.96	394735.28	37.69	Soil	10,500	0.04
08/06/2021	15:49:25	78774.91	394735.66	37.70	Soil	11,040	0.41
08/06/2021	15:49:26	78774.87	394735.87	37.63	Soil	9,540	-0.61
08/06/2021	15:49:27	78774.99	394735.38	37.73	Soil	8,820	-1.10
08/06/2021	15:49:28	78774.95	394735.53	37.69	Soil	10,380	-0.04
08/06/2021	15:49:29	78774.76	394736.03	37.74	Soil	8,940	-1.02
08/06/2021	15:49:30	78774.84	394735.63	37.72	Soil	8,580	-1.27
08/06/2021	15:49:31	78775.04	394735.27	37.75	Soil	10,740	0.21
08/06/2021	15:49:32	78774.99	394735.79	37.74	Soil	9,600	-0.57
08/06/2021	15:49:33	78774.94	394735.90	37.69	Soil	11,100	0.45
08/06/2021	15:49:34	78775.08	394735.43	37.68	Soil	11,040	0.41
08/06/2021	15:49:35	78774.92	394735.44	37.68	Soil	12,000	1.07
08/06/2021	15:49:36	78774.68	394735.78	37.76	Soil	8,280	-1.47
08/06/2021	15:49:37	78774.67	394735.54	37.80	Soil	9,240	-0.82
08/06/2021	15:49:38	78774.67	394735.45	37.72	Soil	9,060	-0.94
08/06/2021	15:49:39	78774.58	394735.82	37.76	Soil	8,880	-1.06
08/06/2021	15:49:40	78774.70	394735.63	37.82	Soil	7,980	-1.68
08/06/2021	15:49:41	78774.86	394735.17	37.88	Soil	10,080	-0.24
08/06/2021	15:49:42	78774.79	394735.51	37.81	Soil	10,440	0.00
08/06/2021	15:49:43	78774.65	394735.83	37.83	Soil	10,200	-0.16

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08/06/2021	15:49:44	78774.61	394735.40	37.90	Soil	9,900	-0.37
08/06/2021	15:49:45	78774.56	394735.40	37.92	Soil	10,380	-0.04
08/06/2021	15:49:46	78774.50	394735.82	37.96	Soil	8,940	-1.02
08/06/2021	15:49:47	78774.56	394735.56	37.94	Soil	8,820	-1.10
08/06/2021	15:49:48	78774.59	394735.32	37.94	Soil	10,980	0.37
08/06/2021	15:49:49	78774.55	394735.47	37.97	Soil	10,380	-0.04
08/06/2021	15:49:50	78774.60	394735.43	38.02	Soil	9,360	-0.74
08/06/2021	15:49:51	78774.53	394735.33	38.04	Soil	10,320	-0.08
08/06/2021	15:49:52	78774.46	394735.51	38.09	Soil	10,440	0.00
08/06/2021	15:49:53	78774.49	394735.64	38.15	Soil	9,960	-0.32
08/06/2021	15:49:54	78774.38	394735.51	38.16	Soil	10,860	0.29
08/06/2021	15:49:55	78774.38	394735.48	38.19	Soil	10,560	0.09
08/06/2021	15:49:56	78774.61	394735.55	38.09	Soil	11,340	0.62
08/06/2021	15:49:57	78774.65	394735.58	38.03	Soil	11,340	0.62
08/06/2021	15:49:58	78774.64	394735.63	37.96	Soil	11,340	0.62
08/06/2021	15:49:59	78774.63	394735.73	37.89	Soil	9,660	-0.53
08/06/2021	15:50:00	78774.49	394735.78	37.87	Soil	10,740	0.21
08/06/2021	15:50:01	78774.44	394735.82	37.89	Soil	10,860	0.29
08/06/2021	15:50:02	78774.53	394735.93	37.88	Soil	11,160	0.50
08/06/2021	15:50:03	78774.60	394735.60	37.85	Soil	9,060	-0.94
08/06/2021	15:50:04	78774.52	394735.28	37.90	Soil	11,700	0.87
08/06/2021	15:50:05	78774.36	394735.69	37.96	Soil	12,060	1.11
08/06/2021	15:50:06	78774.35	394735.75	37.99	Soil	10,140	-0.20
08/06/2021	15:50:07	78774.47	394735.33	38.01	Soil	11,700	0.87
08/06/2021	15:50:08	78774.55	394735.53	38.02	Soil	9,540	-0.61
08/06/2021	15:50:09	78774.43	394735.95	38.08	Soil	10,140	-0.20
08/06/2021	15:50:10	78774.44	394735.59	38.02	Soil	11,580	0.78
08/06/2021	15:50:11	78774.45	394735.36	38.02	Soil	11,400	0.66
08/06/2021	15:50:12	78774.21	394735.83	38.10	Soil	10,140	-0.20
08/06/2021	15:50:13	78774.11	394735.64	38.04	Soil	11,280	0.58
08/06/2021	15:50:14	78774.25	394735.30	38.01	Soil	12,660	1.52
08/06/2021	15:50:15	78774.24	394735.54	38.07	Soil	11,220	0.54
08/06/2021	15:50:16	78774.12	394735.63	38.12	Soil	10,860	0.29
08/06/2021	15:50:17	78774.15	394735.20	38.14	Soil	10,860	0.29
08/06/2021	15:50:18	78774.21	394735.35	38.15	Soil	11,460	0.70
08/06/2021	15:50:19	78774.06	394735.70	38.17	Soil	10,140	-0.20
08/06/2021	15:50:20	78774.02	394735.33	38.12	Soil	12,660	1.52
08/06/2021	15:50:21	78774.03	394735.32	38.15	Soil	12,240	1.23
08/06/2021	15:50:22	78774.12	394735.68	38.16	Soil	11,520	0.74
08/06/2021	15:50:23	78774.19	394735.41	38.16	Soil	11,820	0.95
08/06/2021	15:50:24	78774.14	394735.17	38.21	Soil	10,800	0.25
08/06/2021	15:50:25	78774.10	394735.52	38.20	Soil	12,240	1.23
08/06/2021	15:50:26	78773.97	394735.50	38.28	Soil	11,520	0.74
08/06/2021	15:50:27	78773.87	394735.30	38.17	Soil	11,700	0.87
08/06/2021	15:50:28	78773.99	394735.52	38.18	Soil	10,500	0.04
08/06/2021	15:50:29	78773.96	394735.54	38.20	Soil	10,500	0.04
08/06/2021	15:50:30	78773.78	394735.22	38.22	Soil	10,620	0.13
08/06/2021	15:50:31	78773.77	394735.34	38.21	Soil	11,940	1.03
08/06/2021	15:50:32	78773.77	394735.72	38.22	Soil	10,560	0.09
08/06/2021	15:50:33	78773.89	394735.41	38.20	Soil	10,500	0.04
08/06/2021	15:50:34	78773.96	394735.15	38.16	Soil	12,240	1.23

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08/06/2021	15:50:35	78773.82	394735.40	38.15	Soil	12,000	1.07
08/06/2021	15:50:36	78773.59	394735.41	38.02	Soil	10,200	-0.16
08/06/2021	15:50:37	78773.46	394735.27	38.00	Soil	11,880	0.99
08/06/2021	15:50:38	78773.50	394735.18	38.01	Soil	11,940	1.03
08/06/2021	15:50:39	78773.71	394735.27	38.16	Soil	11,220	0.54
08/06/2021	15:50:40	78773.78	394735.39	38.31	Soil	12,780	1.60
08/06/2021	15:50:41	78773.93	394735.16	38.29	Soil	11,820	0.95
08/06/2021	15:50:42	78773.92	394734.88	38.28	Soil	12,000	1.07
08/06/2021	15:50:43	78773.79	394735.19	38.36	Soil	12,420	1.36
08/06/2021	15:50:44	78773.75	394735.46	38.39	Soil	12,180	1.19
08/06/2021	15:50:45	78773.75	394735.05	38.35	Soil	12,600	1.48
08/06/2021	15:50:46	78773.75	394734.99	38.36	Soil	13,260	1.93
08/06/2021	15:50:47	78773.82	394735.35	38.39	Soil	10,500	0.04
08/06/2021	15:50:48	78773.96	394735.06	38.41	Soil	11,040	0.41
08/06/2021	15:50:49	78774.02	394734.50	38.41	Soil	13,140	1.85
08/06/2021	15:50:50	78774.06	394734.62	38.34	Soil	10,800	0.25
08/06/2021	15:50:51	78773.85	394735.14	38.33	Soil	14,820	3.00
08/06/2021	15:50:52	78773.76	394735.31	38.35	Soil	11,280	0.58
08/06/2021	15:50:53	78774.02	394735.05	38.33	Soil	9,660	-0.53
08/06/2021	15:50:54	78774.07	394735.01	38.34	Soil	12,300	1.28
08/06/2021	15:50:55	78773.95	394735.13	38.39	Soil	13,020	1.77
08/06/2021	15:50:56	78773.99	394735.12	38.38	Soil	10,920	0.33
08/06/2021	15:50:57	78774.10	394734.92	38.34	Soil	10,500	0.04
08/06/2021	15:50:58	78774.11	394734.83	38.36	Soil	12,840	1.65
08/06/2021	15:50:59	78774.10	394735.03	38.38	Soil	12,000	1.07
08/06/2021	15:51:00	78774.01	394735.28	38.39	Soil	10,560	0.09
08/06/2021	15:51:01	78773.91	394735.37	38.40	Soil	11,760	0.91
08/06/2021	15:51:02	78773.90	394735.42	38.42	Soil	11,820	0.95
08/06/2021	15:51:03	78773.95	394735.45	38.51	Soil	11,520	0.74
08/06/2021	15:51:04	78773.95	394735.39	38.48	Soil	10,740	0.21
08/06/2021	15:51:05	78773.84	394735.06	38.50	Soil	12,900	1.69
08/06/2021	15:51:06	78773.69	394734.85	38.52	Soil	11,820	0.95
08/06/2021	15:51:07	78773.64	394735.11	38.53	Soil	12,420	1.36
08/06/2021	15:51:08	78773.61	394735.22	38.58	Soil	11,280	0.58
08/06/2021	15:51:09	78773.60	394734.88	38.54	Soil	11,820	0.95
08/06/2021	15:51:10	78773.71	394734.75	38.51	Soil	10,260	-0.12
08/06/2021	15:51:11	78773.75	394734.99	38.54	Soil	11,520	0.74
08/06/2021	15:51:12	78773.70	394735.06	38.53	Soil	11,100	0.45
08/06/2021	15:51:13	78773.58	394735.03	38.57	Soil	11,520	0.74
08/06/2021	15:51:14	78773.49	394735.17	38.54	Soil	11,460	0.70
08/06/2021	15:51:15	78773.55	394734.90	38.53	Soil	13,800	2.30
08/06/2021	15:51:16	78773.66	394734.65	38.54	Soil	11,760	0.91
08/06/2021	15:51:17	78773.71	394735.05	38.53	Soil	11,280	0.58
08/06/2021	15:51:18	78773.82	394735.18	38.50	Soil	12,900	1.69
08/06/2021	15:51:19	78773.86	394734.76	38.54	Soil	11,760	0.91
08/06/2021	15:51:20	78773.67	394734.92	38.57	Soil	11,700	0.87
08/06/2021	15:51:21	78773.53	394735.20	38.55	Soil	11,580	0.78
08/06/2021	15:51:22	78773.59	394734.79	38.60	Soil	11,640	0.82
08/06/2021	15:51:23	78773.62	394734.59	38.58	Soil	9,840	-0.41
08/06/2021	15:51:24	78773.53	394735.08	38.58	Soil	11,520	0.74
08/06/2021	15:51:25	78773.55	394735.08	38.53	Soil	13,440	2.06

SU 7B GWS RESULTS

08/06/2021	15:51:26	78773.67	394734.79	38.51	Soil	13,080	1.81
08/06/2021	15:51:27	78773.69	394735.13	38.53	Soil	13,080	1.81
08/06/2021	15:51:28	78773.59	394735.32	38.52	Soil	11,700	0.87
08/06/2021	15:51:29	78773.48	394734.99	38.52	Soil	11,280	0.58
08/06/2021	15:51:30	78773.47	394734.93	38.52	Soil	12,000	1.07
08/06/2021	15:51:31	78773.46	394735.28	38.57	Soil	10,920	0.33
08/06/2021	15:51:32	78773.49	394735.01	38.56	Soil	10,320	-0.08
08/06/2021	15:51:33	78773.46	394734.82	38.58	Soil	11,640	0.82
08/06/2021	15:51:34	78773.37	394735.32	38.63	Soil	10,200	-0.16
08/06/2021	15:51:35	78773.35	394735.24	38.59	Soil	11,640	0.82
08/06/2021	15:51:36	78773.43	394734.80	38.63	Soil	11,820	0.95
08/06/2021	15:51:37	78773.47	394735.05	38.63	Soil	12,300	1.28
08/06/2021	15:51:38	78773.45	394735.34	38.62	Soil	11,400	0.66
08/06/2021	15:51:39	78773.37	394734.97	38.63	Soil	10,260	-0.12
08/06/2021	15:51:40	78773.31	394734.98	38.63	Soil	10,800	0.25
08/06/2021	15:51:41	78773.30	394735.27	38.68	Soil	10,440	0.00
08/06/2021	15:51:42	78773.38	394735.04	38.64	Soil	11,340	0.62
08/06/2021	15:51:43	78773.48	394734.77	38.66	Soil	10,200	-0.16
08/06/2021	15:51:44	78773.52	394735.13	38.59	Soil	11,640	0.82
08/06/2021	15:51:45	78773.43	394735.32	38.66	Soil	10,560	0.09
08/06/2021	15:51:46	78773.34	394735.15	38.63	Soil	12,120	1.15
08/06/2021	15:51:47	78773.43	394735.07	38.56	Soil	10,260	-0.12
08/06/2021	15:51:48	78773.51	394735.01	38.59	Soil	9,360	-0.74
08/06/2021	15:51:49	78773.49	394734.88	38.64	Soil	11,160	0.50
08/06/2021	15:51:50	78773.47	394734.99	38.66	Soil	9,780	-0.45
08/06/2021	15:51:51	78773.42	394735.24	38.66	Soil	10,620	0.13
08/06/2021	15:51:52	78773.33	394735.05	38.68	Soil	11,160	0.50
08/06/2021	15:51:53	78773.24	394734.86	38.70	Soil	11,520	0.74
08/06/2021	15:51:54	78773.15	394735.25	38.75	Soil	12,420	1.36
08/06/2021	15:51:55	78773.19	394735.16	38.71	Soil	11,520	0.74
08/06/2021	15:51:56	78773.26	394734.87	38.74	Soil	9,900	-0.37
08/06/2021	15:51:57	78773.18	394735.16	38.76	Soil	11,160	0.50
08/06/2021	15:51:58	78773.05	394735.26	38.74	Soil	10,980	0.37
08/06/2021	15:51:59	78773.06	394734.87	38.78	Soil	11,040	0.41
08/06/2021	15:52:00	78773.03	394735.00	38.75	Soil	11,160	0.50
08/06/2021	15:52:01	78772.95	394735.36	38.77	Soil	11,340	0.62
08/06/2021	15:52:02	78772.98	394735.06	38.78	Soil	10,680	0.17
08/06/2021	15:52:03	78773.03	394734.92	38.80	Soil	11,160	0.50
08/06/2021	15:52:04	78773.01	394735.20	38.80	Soil	11,580	0.78
08/06/2021	15:52:05	78772.99	394735.03	38.81	Soil	11,640	0.82
08/06/2021	15:52:06	78772.94	394734.96	38.79	Soil	12,900	1.69
08/06/2021	15:52:07	78772.87	394735.35	38.84	Soil	11,220	0.54
08/06/2021	15:52:08	78772.92	394735.20	38.80	Soil	11,520	0.74
08/06/2021	15:52:09	78772.96	394734.91	38.82	Soil	11,100	0.45
08/06/2021	15:52:10	78772.88	394735.22	38.82	Soil	11,460	0.70
08/06/2021	15:52:11	78772.85	394735.21	38.85	Soil	12,480	1.40
08/06/2021	15:52:12	78772.86	394734.96	38.88	Soil	9,480	-0.65
08/06/2021	15:52:13	78772.79	394735.27	38.93	Soil	11,940	1.03
08/06/2021	15:52:14	78772.73	394735.42	38.90	Soil	10,800	0.25
08/06/2021	15:52:15	78772.79	394735.05	38.93	Soil	13,020	1.77
08/06/2021	15:52:16	78772.88	394735.12	38.99	Soil	10,200	-0.16

SU 7B GWS RESULTS

08/06/2021	15:52:17	78772.96	394735.51	39.14	Soil	11,160	0.50
08/06/2021	15:52:18	78772.98	394735.39	39.26	Soil	12,180	1.19
08/06/2021	15:52:19	78772.94	394735.20	39.16	Soil	11,220	0.54
08/06/2021	15:52:20	78772.96	394735.49	38.90	Soil	10,680	0.17
08/06/2021	15:52:21	78773.01	394735.63	38.79	Soil	11,220	0.54
08/06/2021	15:52:22	78772.97	394735.38	38.78	Soil	10,860	0.29
08/06/2021	15:52:23	78772.93	394735.49	38.82	Soil	10,020	-0.28
08/06/2021	15:52:24	78772.86	394735.58	38.79	Soil	10,260	-0.12
08/06/2021	15:52:25	78772.78	394735.27	38.78	Soil	11,040	0.41
08/06/2021	15:52:26	78772.76	394735.26	38.80	Soil	10,560	0.09
08/06/2021	15:52:27	78772.64	394735.60	38.80	Soil	10,740	0.21
08/06/2021	15:52:28	78772.71	394735.37	38.73	Soil	11,220	0.54
08/06/2021	15:52:29	78772.84	394735.13	38.80	Soil	12,840	1.65
08/06/2021	15:52:30	78772.71	394735.49	38.81	Soil	11,940	1.03
08/06/2021	15:52:31	78772.63	394735.38	38.77	Soil	13,440	2.06
08/06/2021	15:52:32	78772.62	394735.04	38.75	Soil	11,340	0.62
08/06/2021	15:52:33	78772.59	394735.33	38.80	Soil	10,380	-0.04
08/06/2021	15:52:34	78772.53	394735.50	38.74	Soil	10,260	-0.12
08/06/2021	15:52:35	78772.54	394734.96	38.74	Soil	11,340	0.62
08/06/2021	15:52:36	78772.52	394734.95	38.79	Soil	11,100	0.45
08/06/2021	15:52:37	78772.47	394735.29	38.78	Soil	11,040	0.41
08/06/2021	15:52:38	78772.42	394735.00	38.83	Soil	10,860	0.29
08/06/2021	15:52:39	78772.33	394734.89	38.83	Soil	9,900	-0.37
08/06/2021	15:52:40	78772.29	394735.27	38.80	Soil	11,520	0.74
08/06/2021	15:52:41	78772.43	394735.10	38.80	Soil	11,940	1.03
08/06/2021	15:52:42	78772.49	394734.81	38.77	Soil	10,740	0.21
08/06/2021	15:52:43	78772.35	394735.07	38.77	Soil	11,040	0.41
08/06/2021	15:52:44	78772.32	394735.17	38.81	Soil	12,120	1.15
08/06/2021	15:52:45	78772.41	394734.96	38.81	Soil	12,300	1.28
08/06/2021	15:52:46	78772.45	394735.12	38.84	Soil	12,480	1.40
08/06/2021	15:52:47	78772.47	394735.23	38.80	Soil	11,400	0.66
08/06/2021	15:52:48	78772.41	394734.91	38.83	Soil	9,840	-0.41
08/06/2021	15:52:49	78772.30	394735.05	38.85	Soil	11,460	0.70
08/06/2021	15:52:50	78772.31	394735.33	38.77	Soil	13,260	1.93
08/06/2021	15:52:51	78772.34	394734.98	38.78	Soil	10,980	0.37
08/06/2021	15:52:52	78772.29	394735.02	38.72	Soil	13,500	2.10
08/06/2021	15:52:53	78772.27	394735.44	38.73	Soil	10,800	0.25
08/06/2021	15:52:54	78772.26	394735.20	38.70	Soil	11,220	0.54
08/06/2021	15:52:55	78772.20	394734.88	38.68	Soil	11,040	0.41
08/06/2021	15:52:56	78772.17	394735.27	38.74	Soil	13,560	2.14
08/06/2021	15:52:57	78772.18	394735.38	38.72	Soil	13,500	2.10
08/06/2021	15:52:58	78772.18	394735.19	38.79	Soil	11,100	0.45
08/06/2021	15:52:59	78772.11	394735.33	38.84	Soil	10,140	-0.20
08/06/2021	15:53:00	78772.11	394735.61	38.82	Soil	12,300	1.28
08/06/2021	15:53:01	78772.09	394735.61	38.84	Soil	11,820	0.95
08/06/2021	15:53:02	78772.14	394735.13	38.85	Soil	12,000	1.07
08/06/2021	15:53:03	78772.35	394734.77	38.95	Soil	10,500	0.04
08/06/2021	15:53:04	78772.40	394734.94	39.00	Soil	11,940	1.03
08/06/2021	15:53:05	78772.33	394735.05	38.98	Soil	10,080	-0.24
08/06/2021	15:53:06	78772.25	394734.85	39.00	Soil	11,880	0.99
08/06/2021	15:53:07	78772.10	394734.95	39.01	Soil	10,440	0.00

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08/06/2021	15:53:08	78771.99	394735.14	38.90	Soil	10,920	0.33
08/06/2021	15:53:09	78772.07	394734.97	38.91	Soil	12,360	1.32
08/06/2021	15:53:10	78772.05	394734.86	38.93	Soil	13,380	2.01
08/06/2021	15:53:11	78771.88	394735.22	39.05	Soil	11,580	0.78
08/06/2021	15:53:12	78771.88	394735.26	39.02	Soil	11,640	0.82
08/06/2021	15:53:13	78771.98	394734.87	39.04	Soil	13,620	2.18
08/06/2021	15:53:14	78771.85	394735.00	39.10	Soil	12,600	1.48
08/06/2021	15:53:15	78771.81	394735.46	39.18	Soil	11,940	1.03
08/06/2021	15:53:16	78771.89	394735.28	39.11	Soil	11,340	0.62
08/06/2021	15:53:17	78771.82	394735.06	39.14	Soil	12,300	1.28
08/06/2021	15:53:24	78771.80	394735.19	39.25	Soil	13,260	1.93
08/06/2021	15:55:52	78771.82	394734.43	39.57	Soil	12,120	1.15
08/06/2021	15:55:53	78771.75	394734.33	39.52	Soil	11,340	0.62
08/06/2021	15:55:54	78771.75	394734.05	39.50	Soil	12,300	1.28
08/06/2021	15:55:55	78771.86	394734.21	39.51	Soil	11,220	0.54
08/06/2021	15:55:56	78771.95	394734.40	39.47	Soil	12,060	1.11
08/06/2021	15:55:57	78772.01	394734.12	39.39	Soil	12,540	1.44
08/06/2021	15:55:58	78772.02	394734.13	39.46	Soil	10,020	-0.28
08/06/2021	15:55:59	78771.92	394734.58	39.41	Soil	10,620	0.13
08/06/2021	15:56:00	78771.93	394734.49	39.43	Soil	12,660	1.52
08/06/2021	15:56:01	78771.96	394734.08	39.34	Soil	13,080	1.81
08/06/2021	15:56:02	78771.80	394734.08	39.32	Soil	11,760	0.91
08/06/2021	15:56:04	78771.78	394734.11	39.43	Soil	10,800	0.25
08/06/2021	15:56:05	78771.86	394734.08	39.44	Soil	11,760	0.91
08/06/2021	15:56:06	78771.88	394734.10	39.41	Soil	11,280	0.58
08/06/2021	15:56:07	78771.90	394734.11	39.41	Soil	12,060	1.11
08/06/2021	15:56:08	78771.93	394734.09	39.37	Soil	10,500	0.04
08/06/2021	15:56:09	78771.98	394734.15	39.44	Soil	11,880	0.99
08/06/2021	15:56:10	78772.04	394734.39	39.34	Soil	11,400	0.66
08/06/2021	15:56:11	78771.92	394734.28	39.34	Soil	11,640	0.82
08/06/2021	15:56:12	78771.82	394734.06	39.21	Soil	12,060	1.11
08/06/2021	15:56:13	78771.86	394734.32	39.28	Soil	12,360	1.32
08/06/2021	15:56:14	78771.86	394734.37	39.26	Soil	11,760	0.91
08/06/2021	15:56:15	78771.99	394733.99	39.24	Soil	11,520	0.74
08/06/2021	15:56:16	78772.11	394734.10	39.28	Soil	10,440	0.00
08/06/2021	15:56:17	78771.98	394734.44	39.11	Soil	11,640	0.82
08/06/2021	15:56:18	78771.91	394734.36	39.19	Soil	11,700	0.87
08/06/2021	15:56:19	78771.96	394734.05	39.25	Soil	11,880	0.99
08/06/2021	15:56:20	78771.94	394734.13	39.24	Soil	11,460	0.70
08/06/2021	15:56:21	78771.97	394734.47	39.21	Soil	10,260	-0.12
08/06/2021	15:56:22	78771.96	394734.27	39.12	Soil	12,780	1.60
08/06/2021	15:56:23	78771.98	394734.08	39.13	Soil	10,200	-0.16
08/06/2021	15:56:24	78772.14	394734.29	39.13	Soil	11,940	1.03
08/06/2021	15:56:25	78772.04	394734.27	39.11	Soil	10,620	0.13
08/06/2021	15:56:26	78771.90	394734.22	39.02	Soil	10,860	0.29
08/06/2021	15:56:27	78771.99	394734.34	39.03	Soil	10,260	-0.12
08/06/2021	15:56:28	78772.05	394734.50	39.10	Soil	11,940	1.03
08/06/2021	15:56:29	78772.09	394734.68	38.99	Soil	10,740	0.21
08/06/2021	15:56:30	78772.08	394734.39	39.05	Soil	11,340	0.62
08/06/2021	15:56:31	78772.03	394734.14	38.99	Soil	11,460	0.70
08/06/2021	15:56:32	78772.10	394734.55	38.97	Soil	10,620	0.13

SU 7B GWS RESULTS

08/06/2021	15:56:33	78772.15	394734.69	38.91	Soil	12,120	1.15
08/06/2021	15:56:34	78772.18	394734.24	38.91	Soil	10,980	0.37
08/06/2021	15:56:35	78772.32	394734.22	38.92	Soil	9,480	-0.65
08/06/2021	15:56:36	78772.36	394734.57	38.88	Soil	11,100	0.45
08/06/2021	15:56:37	78772.27	394734.48	38.94	Soil	10,080	-0.24
08/06/2021	15:56:38	78772.29	394734.20	38.88	Soil	10,920	0.33
08/06/2021	15:56:39	78772.36	394734.51	38.87	Soil	13,380	2.01
08/06/2021	15:56:40	78772.29	394734.68	38.74	Soil	12,060	1.11
08/06/2021	15:56:41	78772.31	394734.30	38.86	Soil	13,320	1.97
08/06/2021	15:56:42	78772.32	394734.22	38.90	Soil	12,540	1.44
08/06/2021	15:56:43	78772.25	394734.40	38.97	Soil	9,360	-0.74
08/06/2021	15:56:44	78772.26	394734.46	38.98	Soil	10,200	-0.16
08/06/2021	15:56:45	78772.31	394734.48	39.00	Soil	12,360	1.32
08/06/2021	15:56:46	78772.37	394734.45	39.02	Soil	10,680	0.17
08/06/2021	15:56:47	78772.36	394734.43	39.02	Soil	11,700	0.87
08/06/2021	15:56:48	78772.46	394734.43	39.02	Soil	12,180	1.19
08/06/2021	15:56:49	78772.44	394734.24	39.00	Soil	12,240	1.23
08/06/2021	15:56:50	78772.27	394734.15	39.09	Soil	9,600	-0.57
08/06/2021	15:56:51	78772.21	394734.16	39.10	Soil	9,600	-0.57
08/06/2021	15:56:52	78772.31	394734.08	39.09	Soil	13,260	1.93
08/06/2021	15:56:53	78772.43	394734.03	39.05	Soil	12,060	1.11
08/06/2021	15:56:54	78772.35	394734.00	39.10	Soil	10,020	-0.28
08/06/2021	15:56:55	78772.25	394734.06	39.17	Soil	10,680	0.17
08/06/2021	15:56:56	78772.31	394734.33	39.14	Soil	10,740	0.21
08/06/2021	15:56:57	78772.30	394734.60	39.01	Soil	11,160	0.50
08/06/2021	15:56:58	78772.35	394734.30	39.16	Soil	11,220	0.54
08/06/2021	15:56:59	78772.36	394734.10	39.14	Soil	10,020	-0.28
08/06/2021	15:57:00	78772.39	394734.31	39.12	Soil	10,500	0.04
08/06/2021	15:57:01	78772.45	394734.59	39.05	Soil	11,520	0.74
08/06/2021	15:57:02	78772.47	394734.25	39.09	Soil	11,040	0.41
08/06/2021	15:57:03	78772.47	394733.97	39.16	Soil	10,440	0.00
08/06/2021	15:57:04	78772.25	394734.28	39.21	Soil	10,320	-0.08
08/06/2021	15:57:05	78772.26	394734.63	39.08	Soil	12,780	1.60
08/06/2021	15:57:06	78772.37	394734.50	39.14	Soil	11,040	0.41
08/06/2021	15:57:07	78772.46	394733.99	39.17	Soil	9,780	-0.45
08/06/2021	15:57:08	78772.64	394734.02	39.13	Soil	9,720	-0.49
08/06/2021	15:57:09	78772.66	394734.53	39.12	Soil	10,620	0.13
08/06/2021	15:57:10	78772.66	394734.36	39.11	Soil	11,460	0.70
08/06/2021	15:57:11	78772.81	394733.97	39.08	Soil	10,740	0.21
08/06/2021	15:57:12	78772.89	394734.21	39.00	Soil	9,840	-0.41
08/06/2021	15:57:13	78772.89	394734.28	38.97	Soil	10,620	0.13
08/06/2021	15:57:14	78772.82	394733.94	38.95	Soil	12,000	1.07
08/06/2021	15:57:15	78772.80	394734.09	38.95	Soil	12,480	1.40
08/06/2021	15:57:16	78772.81	394734.41	38.90	Soil	12,060	1.11
08/06/2021	15:57:17	78772.88	394734.09	38.92	Soil	11,280	0.58
08/06/2021	15:57:18	78772.89	394733.85	38.95	Soil	11,400	0.66
08/06/2021	15:57:19	78772.74	394734.05	39.00	Soil	10,980	0.37
08/06/2021	15:57:20	78772.70	394734.26	39.07	Soil	10,920	0.33
08/06/2021	15:57:21	78772.66	394734.34	39.08	Soil	11,820	0.95
08/06/2021	15:57:22	78772.68	394734.38	38.98	Soil	10,380	-0.04
08/06/2021	15:57:23	78772.74	394734.17	38.99	Soil	11,580	0.78

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08/06/2021	15:57:24	78772.73	394734.03	38.99	Soil	12,060	1.11
08/06/2021	15:57:25	78772.71	394734.39	39.00	Soil	12,600	1.48
08/06/2021	15:57:26	78772.75	394734.35	38.96	Soil	9,660	-0.53
08/06/2021	15:57:27	78772.78	394733.99	38.94	Soil	11,640	0.82
08/06/2021	15:57:28	78772.80	394734.17	38.89	Soil	11,340	0.62
08/06/2021	15:57:29	78772.81	394734.38	38.90	Soil	10,980	0.37
08/06/2021	15:57:30	78772.92	394733.98	38.90	Soil	10,500	0.04
08/06/2021	15:57:31	78772.84	394733.98	38.94	Soil	11,640	0.82
08/06/2021	15:57:32	78772.89	394734.40	38.89	Soil	11,760	0.91
08/06/2021	15:57:33	78773.12	394734.25	38.82	Soil	10,380	-0.04
08/06/2021	15:57:34	78773.04	394734.00	38.82	Soil	11,880	0.99
08/06/2021	15:57:35	78772.91	394734.24	38.64	Soil	11,100	0.45
08/06/2021	15:57:36	78772.98	394734.37	38.68	Soil	11,580	0.78
08/06/2021	15:57:37	78772.98	394734.12	38.70	Soil	12,540	1.44
08/06/2021	15:57:38	78772.98	394734.20	38.77	Soil	11,160	0.50
08/06/2021	15:57:39	78772.97	394734.53	38.75	Soil	10,800	0.25
08/06/2021	15:57:40	78772.93	394734.29	38.75	Soil	12,360	1.32
08/06/2021	15:57:41	78772.95	394733.94	38.78	Soil	10,620	0.13
08/06/2021	15:57:42	78773.02	394734.32	38.62	Soil	11,520	0.74
08/06/2021	15:57:43	78772.99	394734.43	38.72	Soil	10,980	0.37
08/06/2021	15:57:44	78772.90	394734.02	38.73	Soil	9,720	-0.49
08/06/2021	15:57:45	78772.89	394734.22	38.76	Soil	11,340	0.62
08/06/2021	15:57:46	78772.96	394734.43	38.57	Soil	10,620	0.13
08/06/2021	15:57:47	78773.07	394733.90	38.59	Soil	10,980	0.37
08/06/2021	15:57:48	78773.02	394733.96	38.69	Soil	11,100	0.45
08/06/2021	15:57:49	78772.94	394734.51	38.66	Soil	10,380	-0.04
08/06/2021	15:57:50	78772.98	394734.39	38.57	Soil	10,920	0.33
08/06/2021	15:57:51	78772.91	394734.14	38.56	Soil	11,640	0.82
08/06/2021	15:57:52	78772.92	394734.47	38.45	Soil	11,160	0.50
08/06/2021	15:57:53	78773.02	394734.49	38.53	Soil	11,220	0.54
08/06/2021	15:57:54	78773.18	394734.04	38.54	Soil	11,760	0.91
08/06/2021	15:57:55	78773.22	394734.12	38.57	Soil	9,840	-0.41
08/06/2021	15:57:56	78773.13	394734.37	38.53	Soil	10,320	-0.08
08/06/2021	15:57:57	78773.06	394734.18	38.46	Soil	11,940	1.03
08/06/2021	15:57:58	78773.09	394734.16	38.47	Soil	11,940	1.03
08/06/2021	15:57:59	78773.11	394734.53	38.36	Soil	11,760	0.91
08/06/2021	15:58:00	78773.18	394734.44	38.31	Soil	12,180	1.19
08/06/2021	15:58:01	78773.30	394733.97	38.35	Soil	10,500	0.04
08/06/2021	15:58:02	78773.23	394734.07	38.42	Soil	9,360	-0.74
08/06/2021	15:58:03	78773.09	394734.47	38.33	Soil	10,860	0.29
08/06/2021	15:58:04	78773.20	394734.21	38.38	Soil	11,880	0.99
08/06/2021	15:58:05	78773.35	394733.93	38.34	Soil	10,560	0.09
08/06/2021	15:58:06	78773.41	394734.37	38.31	Soil	11,880	0.99
08/06/2021	15:58:07	78773.39	394734.74	38.32	Soil	11,100	0.45
08/06/2021	15:58:08	78773.41	394734.37	38.29	Soil	11,280	0.58
08/06/2021	15:58:09	78773.38	394734.02	38.22	Soil	10,920	0.33
08/06/2021	15:58:10	78773.29	394734.37	38.22	Soil	12,660	1.52
08/06/2021	15:58:11	78773.39	394734.44	38.15	Soil	9,660	-0.53
08/06/2021	15:58:12	78773.45	394733.97	38.14	Soil	12,180	1.19
08/06/2021	15:58:13	78773.50	394734.09	38.08	Soil	14,340	2.67
08/06/2021	15:58:14	78773.46	394734.40	38.06	Soil	10,980	0.37

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08/06/2021	15:58:15	78773.44	394734.08	38.12	Soil	11,400	0.66
08/06/2021	15:58:16	78773.46	394733.78	38.03	Soil	11,220	0.54
08/06/2021	15:58:17	78773.58	394734.03	38.00	Soil	11,520	0.74
08/06/2021	15:58:18	78773.65	394734.46	38.01	Soil	11,340	0.62
08/06/2021	15:58:19	78773.59	394734.44	37.98	Soil	11,040	0.41
08/06/2021	15:58:20	78773.68	394733.87	38.06	Soil	11,700	0.87
08/06/2021	15:58:21	78773.60	394734.06	38.00	Soil	9,600	-0.57
08/06/2021	15:58:22	78773.47	394734.56	37.98	Soil	11,280	0.58
08/06/2021	15:58:23	78773.60	394734.31	38.05	Soil	10,980	0.37
08/06/2021	15:58:24	78773.83	394733.79	38.07	Soil	10,680	0.17
08/06/2021	15:58:25	78773.92	394734.08	38.05	Soil	11,400	0.66
08/06/2021	15:58:26	78773.88	394734.42	38.04	Soil	12,360	1.32
08/06/2021	15:58:27	78773.78	394734.18	38.07	Soil	10,500	0.04
08/06/2021	15:58:28	78773.77	394734.06	38.04	Soil	11,640	0.82
08/06/2021	15:58:29	78773.81	394734.48	38.01	Soil	10,020	-0.28
08/06/2021	15:58:30	78773.76	394734.64	37.93	Soil	11,940	1.03
08/06/2021	15:58:31	78773.90	394734.02	37.96	Soil	11,160	0.50
08/06/2021	15:58:32	78774.02	394734.07	37.90	Soil	9,540	-0.61
08/06/2021	15:58:33	78774.01	394734.53	37.84	Soil	10,440	0.00
08/06/2021	15:58:34	78773.93	394734.50	37.89	Soil	11,520	0.74
08/06/2021	15:58:35	78773.95	394734.16	37.93	Soil	12,660	1.52
08/06/2021	15:58:36	78774.20	394734.09	37.89	Soil	10,260	-0.12
08/06/2021	15:58:37	78774.18	394734.39	37.85	Soil	11,700	0.87
08/06/2021	15:58:38	78774.10	394734.36	37.84	Soil	12,600	1.48
08/06/2021	15:58:39	78774.23	394734.10	37.81	Soil	12,000	1.07
08/06/2021	15:58:40	78774.23	394734.32	37.75	Soil	10,260	-0.12
08/06/2021	15:58:41	78774.03	394734.43	37.80	Soil	10,020	-0.28
08/06/2021	15:58:42	78773.99	394734.45	37.82	Soil	11,160	0.50
08/06/2021	15:58:43	78774.08	394734.43	37.84	Soil	12,660	1.52
08/06/2021	15:58:44	78774.06	394734.25	37.90	Soil	11,340	0.62
08/06/2021	15:58:45	78773.89	394734.48	37.89	Soil	10,740	0.21
08/06/2021	15:58:46	78773.98	394734.72	37.78	Soil	12,060	1.11
08/06/2021	15:58:47	78774.04	394734.30	37.83	Soil	11,820	0.95
08/06/2021	15:58:48	78774.13	394734.05	37.77	Soil	10,140	-0.20
08/06/2021	15:58:49	78774.23	394734.57	37.75	Soil	11,700	0.87
08/06/2021	15:58:50	78774.21	394734.48	37.76	Soil	11,760	0.91
08/06/2021	15:58:51	78774.11	394734.06	37.75	Soil	10,500	0.04
08/06/2021	15:58:52	78774.09	394734.48	37.70	Soil	10,680	0.17
08/06/2021	15:58:53	78774.25	394734.71	37.69	Soil	12,960	1.73
08/06/2021	15:58:54	78774.26	394734.24	37.69	Soil	10,260	-0.12
08/06/2021	15:58:55	78774.16	394734.12	37.67	Soil	9,420	-0.69
08/06/2021	15:58:56	78774.17	394734.53	37.65	Soil	11,520	0.74
08/06/2021	15:58:57	78774.24	394734.36	37.77	Soil	10,440	0.00
08/06/2021	15:58:58	78774.25	394734.16	37.68	Soil	9,900	-0.37
08/06/2021	15:58:59	78774.28	394734.58	37.66	Soil	10,260	-0.12
08/06/2021	15:59:00	78774.29	394734.61	37.62	Soil	12,780	1.60
08/06/2021	15:59:01	78774.34	394734.12	37.64	Soil	13,020	1.77
08/06/2021	15:59:02	78774.48	394734.22	37.66	Soil	9,540	-0.61
08/06/2021	15:59:03	78774.41	394734.65	37.69	Soil	11,400	0.66
08/06/2021	15:59:04	78774.45	394734.42	37.66	Soil	11,100	0.45
08/06/2021	15:59:05	78774.49	394734.22	37.66	Soil	11,400	0.66

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08/06/2021	15:59:06	78774.42	394734.67	37.69	Soil	12,120	1.15
08/06/2021	15:59:07	78774.52	394734.59	37.69	Soil	12,240	1.23
08/06/2021	15:59:08	78774.50	394734.25	37.69	Soil	12,420	1.36
08/06/2021	15:59:09	78774.42	394734.45	37.68	Soil	12,360	1.32
08/06/2021	15:59:10	78774.43	394734.68	37.71	Soil	9,900	-0.37
08/06/2021	15:59:11	78774.44	394734.24	37.77	Soil	10,260	-0.12
08/06/2021	15:59:12	78774.41	394734.13	37.75	Soil	10,260	-0.12
08/06/2021	15:59:13	78774.37	394734.59	37.75	Soil	10,920	0.33
08/06/2021	15:59:14	78774.41	394734.35	37.82	Soil	11,280	0.58
08/06/2021	15:59:15	78774.42	394734.04	37.79	Soil	12,780	1.60
08/06/2021	15:59:16	78774.31	394734.53	37.85	Soil	10,800	0.25
08/06/2021	15:59:17	78774.31	394734.71	37.88	Soil	10,680	0.17
08/06/2021	15:59:18	78774.47	394734.40	37.85	Soil	13,260	1.93
08/06/2021	15:59:19	78774.55	394734.56	37.83	Soil	11,760	0.91
08/06/2021	15:59:20	78774.51	394734.70	37.82	Soil	11,760	0.91
08/06/2021	15:59:21	78774.47	394734.41	37.82	Soil	11,160	0.50
08/06/2021	15:59:22	78774.41	394734.49	37.80	Soil	11,400	0.66
08/06/2021	15:59:23	78774.35	394734.95	37.80	Soil	11,160	0.50
08/06/2021	15:59:24	78774.37	394734.79	37.78	Soil	10,980	0.37
08/06/2021	15:59:25	78774.52	394734.23	37.81	Soil	11,100	0.45
08/06/2021	15:59:26	78774.62	394734.62	37.85	Soil	11,340	0.62
08/06/2021	15:59:27	78774.65	394735.06	37.78	Soil	10,560	0.09
08/06/2021	15:59:28	78774.67	394734.56	37.78	Soil	11,400	0.66
08/06/2021	15:59:29	78774.59	394734.34	37.76	Soil	13,020	1.77
08/06/2021	15:59:30	78774.50	394734.91	37.78	Soil	11,700	0.87
08/06/2021	15:59:31	78774.64	394734.82	37.73	Soil	9,360	-0.74
08/06/2021	15:59:32	78774.75	394734.22	37.69	Soil	11,700	0.87
08/06/2021	15:59:33	78774.75	394734.45	37.65	Soil	12,780	1.60
08/06/2021	15:59:34	78774.90	394734.87	37.59	Soil	11,040	0.41
08/06/2021	15:59:35	78774.96	394734.56	37.64	Soil	10,620	0.13
08/06/2021	15:59:36	78774.95	394734.17	37.65	Soil	11,220	0.54
08/06/2021	15:59:37	78774.91	394734.32	37.57	Soil	13,260	1.93
08/06/2021	15:59:38	78774.82	394734.84	37.63	Soil	10,080	-0.24
08/06/2021	15:59:39	78774.90	394734.86	37.72	Soil	11,580	0.78
08/06/2021	15:59:40	78774.96	394734.64	37.67	Soil	11,160	0.50
08/06/2021	15:59:41	78775.06	394734.52	37.56	Soil	11,100	0.45
08/06/2021	15:59:42	78774.92	394734.61	37.62	Soil	11,160	0.50
08/06/2021	15:59:43	78774.81	394734.48	37.63	Soil	11,100	0.45
08/06/2021	15:59:44	78775.00	394734.26	37.58	Soil	12,660	1.52
08/06/2021	15:59:45	78774.94	394734.59	37.58	Soil	13,200	1.89
08/06/2021	15:59:46	78774.75	394734.84	37.58	Soil	11,460	0.70
08/06/2021	15:59:47	78774.86	394734.37	37.59	Soil	9,660	-0.53
08/06/2021	15:59:48	78775.07	394734.05	37.55	Soil	14,040	2.47
08/06/2021	15:59:49	78775.12	394734.16	37.54	Soil	12,240	1.23
08/06/2021	15:59:50	78775.02	394734.35	37.54	Soil	12,000	1.07
08/06/2021	15:59:51	78774.85	394734.59	37.53	Soil	10,800	0.25
08/06/2021	15:59:52	78774.96	394734.75	37.52	Soil	11,460	0.70
08/06/2021	15:59:53	78774.97	394734.77	37.49	Soil	12,000	1.07
08/06/2021	15:59:54	78774.90	394734.54	37.52	Soil	10,800	0.25
08/06/2021	15:59:55	78775.00	394734.24	37.48	Soil	12,060	1.11
08/06/2021	15:59:56	78774.94	394734.53	37.46	Soil	10,560	0.09

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08/06/2021	15:59:57	78774.81	394734.97	37.44	Soil	10,260	-0.12
08/06/2021	15:59:58	78775.08	394734.44	37.42	Soil	9,540	-0.61
08/06/2021	15:59:59	78775.34	394734.11	37.44	Soil	11,880	0.99
08/06/2021	16:00:00	78774.99	394734.65	37.55	Soil	9,540	-0.61
08/06/2021	16:00:01	78774.62	394734.88	37.64	Soil	10,860	0.29
08/06/2021	16:00:02	78774.85	394734.46	37.56	Soil	11,220	0.54
08/06/2021	16:00:03	78775.05	394734.39	37.46	Soil	12,540	1.44
08/06/2021	16:00:04	78774.97	394734.73	37.48	Soil	12,300	1.28
08/06/2021	16:00:05	78774.87	394734.70	37.50	Soil	9,900	-0.37
08/06/2021	16:00:06	78775.14	394734.11	37.51	Soil	11,940	1.03
08/06/2021	16:00:07	78775.18	394734.23	37.46	Soil	12,780	1.60
08/06/2021	16:00:08	78775.06	394734.83	37.48	Soil	11,640	0.82
08/06/2021	16:00:09	78775.13	394734.50	37.50	Soil	11,460	0.70
08/06/2021	16:00:10	78775.17	394733.98	37.45	Soil	10,380	-0.04
08/06/2021	16:00:11	78774.98	394734.37	37.39	Soil	15,240	3.29
08/06/2021	16:00:12	78774.87	394734.80	37.40	Soil	9,660	-0.53
08/06/2021	16:00:13	78775.05	394734.41	37.44	Soil	11,460	0.70
08/06/2021	16:00:14	78775.24	394734.09	37.43	Soil	10,980	0.37
08/06/2021	16:00:15	78775.24	394734.57	37.41	Soil	12,480	1.40
08/06/2021	16:00:16	78775.21	394734.79	37.40	Soil	11,700	0.87
08/06/2021	16:00:17	78775.22	394734.17	37.47	Soil	11,340	0.62
08/06/2021	16:00:18	78775.09	394734.10	37.37	Soil	11,700	0.87
08/06/2021	16:00:19	78774.88	394734.75	37.39	Soil	10,140	-0.20
08/06/2021	16:00:20	78774.96	394734.66	37.39	Soil	10,440	0.00
08/06/2021	16:00:21	78775.20	394734.08	37.43	Soil	10,440	0.00
08/06/2021	16:00:22	78775.14	394734.26	37.41	Soil	10,980	0.37
08/06/2021	16:00:23	78775.02	394734.69	37.40	Soil	11,940	1.03
08/06/2021	16:00:24	78775.18	394734.42	37.38	Soil	11,280	0.58
08/06/2021	16:00:25	78775.30	394734.11	37.37	Soil	11,460	0.70
08/06/2021	16:00:26	78775.14	394734.48	37.35	Soil	11,880	0.99
08/06/2021	16:00:27	78775.11	394734.66	37.34	Soil	10,020	-0.28
08/06/2021	16:00:28	78775.32	394734.24	37.41	Soil	10,740	0.21
08/06/2021	16:00:29	78775.40	394734.34	37.36	Soil	10,320	-0.08
08/06/2021	16:00:30	78775.19	394734.93	37.38	Soil	10,680	0.17
08/06/2021	16:00:31	78775.03	394734.75	37.37	Soil	11,220	0.54
08/06/2021	16:00:32	78775.17	394734.16	37.35	Soil	11,340	0.62
08/06/2021	16:00:33	78775.22	394734.48	37.30	Soil	11,760	0.91
08/06/2021	16:00:34	78775.28	394734.85	37.27	Soil	10,320	-0.08
08/06/2021	16:00:35	78775.22	394734.42	37.28	Soil	10,080	-0.24
08/06/2021	16:00:36	78775.33	394734.28	37.29	Soil	9,780	-0.45
08/06/2021	16:00:37	78775.49	394734.63	37.28	Soil	10,080	-0.24
08/06/2021	16:00:38	78775.44	394734.88	37.29	Soil	10,200	-0.16
08/06/2021	16:00:39	78775.38	394734.52	37.26	Soil	12,180	1.19
08/06/2021	16:00:40	78775.26	394734.34	37.24	Soil	10,560	0.09
08/06/2021	16:00:41	78775.27	394734.64	37.22	Soil	10,080	-0.24
08/06/2021	16:00:42	78775.43	394734.53	37.29	Soil	10,140	-0.20
08/06/2021	16:00:43	78775.51	394734.25	37.21	Soil	10,980	0.37
08/06/2021	16:00:44	78775.40	394734.62	37.24	Soil	11,100	0.45
08/06/2021	16:00:45	78775.49	394734.94	37.22	Soil	10,140	-0.20
08/06/2021	16:00:46	78775.67	394734.50	37.20	Soil	10,800	0.25
08/06/2021	16:00:47	78775.64	394734.46	37.13	Soil	10,980	0.37

SU 7B GWS RESULTS

08/06/2021	16:00:48	78775.50	394734.75	37.12	Soil	10,440	0.00
08/06/2021	16:00:49	78775.57	394734.58	37.18	Soil	10,140	-0.20
08/06/2021	16:00:50	78775.55	394734.47	37.12	Soil	11,160	0.50
08/06/2021	16:00:51	78775.46	394734.51	37.07	Soil	10,380	-0.04
08/06/2021	16:00:52	78775.45	394734.83	37.09	Soil	9,960	-0.32
08/06/2021	16:00:53	78775.42	394734.57	37.16	Soil	9,480	-0.65
08/06/2021	16:00:54	78775.56	394734.35	37.18	Soil	11,580	0.78
08/06/2021	16:00:55	78775.70	394734.52	37.05	Soil	11,640	0.82
08/06/2021	16:00:56	78775.58	394734.65	37.01	Soil	8,760	-1.15
08/06/2021	16:00:57	78775.53	394734.53	37.04	Soil	10,380	-0.04
08/06/2021	16:00:58	78775.54	394734.41	37.07	Soil	11,100	0.45
08/06/2021	16:00:59	78775.53	394734.48	37.14	Soil	9,780	-0.45
08/06/2021	16:01:00	78775.60	394734.49	37.14	Soil	11,040	0.41
08/06/2021	16:01:01	78775.63	394734.55	37.14	Soil	10,440	0.00
08/06/2021	16:01:02	78775.65	394734.59	37.18	Soil	10,020	-0.28
08/06/2021	16:01:03	78775.74	394734.31	37.20	Soil	12,060	1.11
08/06/2021	16:01:04	78775.91	394734.24	37.13	Soil	9,780	-0.45
08/06/2021	16:01:05	78775.99	394734.66	37.13	Soil	10,380	-0.04
08/06/2021	16:01:06	78775.91	394734.65	37.18	Soil	9,300	-0.78
08/06/2021	16:01:07	78775.75	394734.26	37.15	Soil	10,020	-0.28
08/06/2021	16:01:08	78775.70	394734.48	37.12	Soil	10,140	-0.20
08/06/2021	16:01:09	78775.72	394734.96	37.10	Soil	11,100	0.45
08/06/2021	16:01:10	78775.81	394734.62	37.09	Soil	10,080	-0.24
08/06/2021	16:01:11	78776.02	394734.33	37.08	Soil	10,440	0.00
08/06/2021	16:01:12	78775.87	394734.92	37.01	Soil	9,660	-0.53
08/06/2021	16:01:13	78775.81	394734.95	37.04	Soil	10,080	-0.24
08/06/2021	16:01:14	78775.97	394734.42	36.96	Soil	10,380	-0.04
08/06/2021	16:01:15	78776.14	394734.53	36.94	Soil	10,080	-0.24
08/06/2021	16:01:16	78776.02	394734.93	36.92	Soil	9,840	-0.41
08/06/2021	16:01:17	78775.97	394734.71	36.92	Soil	9,720	-0.49
08/06/2021	16:01:18	78776.29	394734.21	36.88	Soil	12,000	1.07
08/06/2021	16:01:19	78776.26	394734.43	36.84	Soil	11,280	0.58
08/06/2021	16:01:20	78776.07	394734.92	36.81	Soil	11,160	0.50
08/06/2021	16:01:21	78776.15	394734.76	36.81	Soil	9,780	-0.45
08/06/2021	16:01:22	78776.19	394734.37	36.80	Soil	10,980	0.37
08/06/2021	16:01:23	78776.21	394734.38	36.83	Soil	8,940	-1.02
08/06/2021	16:01:24	78776.04	394734.62	36.80	Soil	10,200	-0.16
08/06/2021	16:01:25	78775.97	394734.63	36.81	Soil	9,720	-0.49
08/06/2021	16:01:26	78776.12	394734.51	36.78	Soil	9,960	-0.32
08/06/2021	16:01:27	78776.42	394734.33	36.74	Soil	10,260	-0.12
08/06/2021	16:01:28	78776.45	394734.57	36.75	Soil	9,960	-0.32
08/06/2021	16:01:29	78776.15	394734.95	36.71	Soil	9,420	-0.69
08/06/2021	16:01:30	78776.11	394734.85	36.72	Soil	9,000	-0.98
08/06/2021	16:01:31	78776.38	394734.57	36.68	Soil	11,700	0.87
08/06/2021	16:01:32	78776.56	394734.30	36.72	Soil	11,100	0.45
08/06/2021	16:01:33	78776.31	394734.53	36.76	Soil	10,200	-0.16
08/06/2021	16:01:34	78776.14	394734.67	36.70	Soil	10,200	-0.16
08/06/2021	16:01:35	78776.11	394734.67	36.71	Soil	9,960	-0.32
08/06/2021	16:01:36	78776.04	394734.78	36.71	Soil	9,300	-0.78
08/06/2021	16:01:37	78776.08	394734.83	36.66	Soil	12,780	1.60
08/06/2021	16:01:38	78776.09	394734.87	36.71	Soil	10,080	-0.24

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08/06/2021	16:01:39	78776.10	394734.71	37.06	Soil	9,780	-0.45
08/06/2021	16:01:40	78776.22	394734.77	37.09	Soil	9,180	-0.86
08/06/2021	16:01:41	78776.30	394734.97	37.10	Soil	12,600	1.48
08/06/2021	16:01:42	78776.35	394734.81	37.12	Soil	9,420	-0.69
08/06/2021	16:01:43	78776.37	394734.69	37.12	Soil	9,840	-0.41
08/06/2021	16:01:44	78776.44	394734.90	37.14	Soil	11,100	0.45
08/06/2021	16:01:45	78776.43	394734.71	37.18	Soil	10,800	0.25
08/06/2021	16:01:46	78776.36	394734.63	37.15	Soil	9,900	-0.37
08/06/2021	16:01:47	78776.38	394734.91	37.16	Soil	11,280	0.58
08/06/2021	16:01:48	78776.42	394734.84	37.17	Soil	9,720	-0.49
08/06/2021	16:01:49	78776.39	394734.66	37.14	Soil	9,480	-0.65
08/06/2021	16:01:50	78776.37	394734.89	37.21	Soil	11,940	1.03
08/06/2021	16:01:51	78776.39	394734.97	37.20	Soil	9,480	-0.65
08/06/2021	16:01:52	78776.35	394734.77	37.25	Soil	11,100	0.45
08/06/2021	16:01:53	78776.15	394734.79	36.98	Soil	9,720	-0.49
08/06/2021	16:01:54	78775.95	394735.00	37.09	Soil	10,800	0.25
08/06/2021	16:01:55	78775.94	394734.93	37.15	Soil	9,840	-0.41
08/06/2021	16:01:56	78775.99	394734.84	37.33	Soil	9,900	-0.37
08/06/2021	16:01:57	78775.96	394734.96	37.27	Soil	12,000	1.07
08/06/2021	16:01:58	78775.88	394734.88	37.34	Soil	9,960	-0.32
08/06/2021	16:01:59	78775.77	394734.77	37.31	Soil	10,860	0.29
08/06/2021	16:02:00	78775.81	394734.92	37.33	Soil	10,620	0.13
08/06/2021	16:02:01	78775.84	394734.91	37.32	Soil	9,360	-0.74
08/06/2021	16:02:02	78775.82	394734.74	37.31	Soil	9,780	-0.45
08/06/2021	16:02:03	78775.76	394734.77	37.36	Soil	11,220	0.54
08/06/2021	16:02:04	78775.80	394734.93	37.35	Soil	10,140	-0.20
08/06/2021	16:02:05	78775.84	394734.79	37.34	Soil	10,500	0.04
08/06/2021	16:02:06	78775.99	394734.73	37.29	Soil	10,740	0.21
08/06/2021	16:02:07	78776.05	394734.91	37.39	Soil	11,160	0.50
08/06/2021	16:02:08	78776.09	394734.93	37.28	Soil	10,140	-0.20
08/06/2021	16:02:09	78776.27	394734.68	37.21	Soil	11,040	0.41
08/06/2021	16:02:10	78776.38	394734.70	37.31	Soil	10,380	-0.04
08/06/2021	16:02:11	78776.28	394734.90	37.26	Soil	9,360	-0.74
08/06/2021	16:02:12	78776.19	394734.87	37.21	Soil	9,660	-0.53
08/06/2021	16:02:13	78776.26	394734.75	37.20	Soil	10,500	0.04
08/06/2021	16:02:14	78776.27	394734.86	37.19	Soil	9,960	-0.32
08/06/2021	16:02:15	78776.21	394734.81	37.17	Soil	10,380	-0.04
08/06/2021	16:02:16	78776.28	394734.51	37.14	Soil	11,340	0.62
08/06/2021	16:02:17	78776.35	394734.47	37.10	Soil	11,400	0.66
08/06/2021	16:02:18	78776.26	394734.50	37.10	Soil	10,380	-0.04
08/06/2021	16:02:19	78776.24	394734.20	37.08	Soil	11,280	0.58
08/06/2021	16:02:20	78776.34	394734.06	37.11	Soil	8,940	-1.02
08/06/2021	16:02:21	78776.29	394734.12	37.08	Soil	10,080	-0.24
08/06/2021	16:02:22	78776.19	394733.88	37.08	Soil	10,080	-0.24
08/06/2021	16:02:23	78776.22	394733.62	37.00	Soil	10,620	0.13
08/06/2021	16:02:24	78776.34	394733.56	37.16	Soil	11,160	0.50
08/06/2021	16:02:25	78776.35	394733.58	37.03	Soil	9,720	-0.49
08/06/2021	16:02:26	78776.27	394733.68	36.92	Soil	10,860	0.29
08/06/2021	16:02:27	78776.33	394733.62	36.91	Soil	12,360	1.32
08/06/2021	16:02:28	78776.41	394733.32	36.94	Soil	11,340	0.62
08/06/2021	16:02:29	78776.39	394733.36	36.95	Soil	11,760	0.91

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08/06/2021	16:02:30	78776.32	394733.70	36.94	Soil	10,380	-0.04
08/06/2021	16:02:31	78776.33	394733.62	36.94	Soil	10,500	0.04
08/06/2021	16:02:32	78776.36	394733.28	36.92	Soil	11,580	0.78
08/06/2021	16:02:33	78776.35	394733.34	36.94	Soil	11,100	0.45
08/06/2021	16:02:34	78776.30	394733.69	36.93	Soil	9,600	-0.57
08/06/2021	16:02:35	78776.37	394733.45	36.98	Soil	11,820	0.95
08/06/2021	16:02:36	78776.29	394733.11	37.00	Soil	11,040	0.41
08/06/2021	16:02:37	78776.14	394733.51	37.03	Soil	10,440	0.00
08/06/2021	16:02:38	78776.15	394733.77	37.00	Soil	10,320	-0.08
08/06/2021	16:02:39	78776.24	394733.36	37.03	Soil	10,320	-0.08
08/06/2021	16:02:40	78776.18	394733.26	37.10	Soil	11,820	0.95
08/06/2021	16:02:41	78775.93	394733.77	37.14	Soil	9,600	-0.57
08/06/2021	16:02:42	78775.86	394733.81	37.14	Soil	10,620	0.13
08/06/2021	16:02:43	78776.12	394733.43	37.14	Soil	10,320	-0.08
08/06/2021	16:02:44	78776.23	394733.10	37.19	Soil	11,940	1.03
08/06/2021	16:02:45	78775.99	394733.20	37.19	Soil	10,380	-0.04
08/06/2021	16:02:46	78775.84	394733.77	37.24	Soil	10,800	0.25
08/06/2021	16:02:47	78775.89	394733.71	37.26	Soil	9,060	-0.94
08/06/2021	16:02:48	78775.96	394733.28	37.18	Soil	10,740	0.21
08/06/2021	16:02:49	78775.83	394733.25	37.24	Soil	9,960	-0.32
08/06/2021	16:02:50	78775.65	394733.59	37.19	Soil	11,940	1.03
08/06/2021	16:02:51	78775.76	394733.59	37.21	Soil	11,700	0.87
08/06/2021	16:02:52	78775.89	394733.26	37.20	Soil	10,620	0.13
08/06/2021	16:02:53	78775.81	394733.30	37.18	Soil	12,660	1.52
08/06/2021	16:02:54	78775.88	394733.41	37.11	Soil	11,220	0.54
08/06/2021	16:02:55	78775.70	394733.47	37.22	Soil	10,080	-0.24
08/06/2021	16:02:56	78775.60	394733.48	37.19	Soil	12,540	1.44
08/06/2021	16:02:57	78775.69	394733.52	37.21	Soil	11,100	0.45
08/06/2021	16:02:58	78775.77	394733.52	37.19	Soil	10,680	0.17
08/06/2021	16:02:59	78775.92	394733.16	37.13	Soil	10,920	0.33
08/06/2021	16:03:00	78775.96	394732.97	37.14	Soil	10,440	0.00
08/06/2021	16:03:01	78775.79	394733.60	37.13	Soil	10,440	0.00
08/06/2021	16:03:02	78775.74	394733.69	37.12	Soil	10,740	0.21
08/06/2021	16:03:03	78775.87	394733.04	37.02	Soil	12,300	1.28
08/06/2021	16:03:04	78775.80	394733.08	37.09	Soil	12,480	1.40
08/06/2021	16:03:05	78775.55	394733.60	37.10	Soil	10,800	0.25
08/06/2021	16:03:06	78775.53	394733.28	37.18	Soil	11,220	0.54
08/06/2021	16:03:07	78775.61	394732.70	37.18	Soil	9,720	-0.49
08/06/2021	16:03:08	78775.50	394733.02	37.17	Soil	11,400	0.66
08/06/2021	16:03:09	78775.39	394733.63	37.15	Soil	11,040	0.41
08/06/2021	16:03:10	78775.55	394733.39	37.18	Soil	11,880	0.99
08/06/2021	16:03:11	78775.81	394733.18	37.23	Soil	12,120	1.15
08/06/2021	16:03:12	78775.67	394733.46	37.30	Soil	12,540	1.44
08/06/2021	16:03:13	78775.59	394733.32	37.19	Soil	12,000	1.07
08/06/2021	16:03:14	78775.51	394732.93	37.19	Soil	10,560	0.09
08/06/2021	16:03:15	78775.57	394733.08	37.23	Soil	11,700	0.87
08/06/2021	16:03:16	78775.68	394733.37	37.20	Soil	10,740	0.21
08/06/2021	16:03:17	78775.59	394733.22	37.22	Soil	13,080	1.81
08/06/2021	16:03:18	78775.62	394732.94	37.18	Soil	12,240	1.23
08/06/2021	16:03:19	78775.49	394733.53	37.16	Soil	10,440	0.00
08/06/2021	16:03:20	78775.43	394733.80	37.14	Soil	11,400	0.66

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08/06/2021	16:03:21	78775.68	394733.26	37.17	Soil	10,620	0.13
08/06/2021	16:03:22	78775.62	394733.13	37.13	Soil	10,440	0.00
08/06/2021	16:03:23	78775.49	394733.64	37.10	Soil	12,060	1.11
08/06/2021	16:03:24	78775.35	394733.60	37.14	Soil	11,520	0.74
08/06/2021	16:03:25	78775.41	394733.17	37.12	Soil	10,200	-0.16
08/06/2021	16:03:26	78775.39	394733.38	37.15	Soil	10,260	-0.12
08/06/2021	16:03:27	78775.27	394733.81	37.13	Soil	11,460	0.70
08/06/2021	16:03:28	78775.30	394733.53	37.18	Soil	12,180	1.19
08/06/2021	16:03:29	78775.29	394733.05	37.18	Soil	11,520	0.74
08/06/2021	16:03:30	78775.26	394733.57	37.17	Soil	10,740	0.21
08/06/2021	16:03:31	78775.30	394733.71	37.17	Soil	11,460	0.70
08/06/2021	16:03:32	78775.16	394733.24	37.27	Soil	9,900	-0.37
08/06/2021	16:03:33	78775.24	394732.95	37.23	Soil	13,320	1.97
08/06/2021	16:03:34	78775.26	394733.66	37.26	Soil	10,860	0.29
08/06/2021	16:03:35	78775.12	394733.85	37.20	Soil	12,000	1.07
08/06/2021	16:03:36	78775.10	394733.17	37.25	Soil	10,260	-0.12
08/06/2021	16:03:37	78775.06	394733.20	37.27	Soil	11,700	0.87
08/06/2021	16:03:38	78774.95	394733.79	37.27	Soil	12,540	1.44
08/06/2021	16:03:39	78775.05	394733.56	37.21	Soil	12,960	1.73
08/06/2021	16:03:40	78775.19	394733.16	37.21	Soil	11,340	0.62
08/06/2021	16:03:41	78775.01	394733.56	37.30	Soil	12,480	1.40
08/06/2021	16:03:42	78774.80	394733.74	37.21	Soil	12,960	1.73
08/06/2021	16:03:43	78774.87	394733.21	37.22	Soil	11,580	0.78
08/06/2021	16:03:44	78774.97	394733.22	37.22	Soil	10,800	0.25
08/06/2021	16:03:45	78774.95	394733.73	37.22	Soil	11,280	0.58
08/06/2021	16:03:46	78774.95	394733.37	37.27	Soil	12,900	1.69
08/06/2021	16:03:47	78774.90	394732.99	37.24	Soil	12,120	1.15
08/06/2021	16:03:48	78774.74	394733.44	37.25	Soil	12,480	1.40
08/06/2021	16:03:49	78774.68	394733.46	37.34	Soil	12,720	1.56
08/06/2021	16:03:50	78774.88	394733.03	37.34	Soil	11,700	0.87
08/06/2021	16:03:51	78774.78	394733.29	37.33	Soil	10,800	0.25
08/06/2021	16:03:52	78774.64	394733.42	37.37	Soil	11,340	0.62
08/06/2021	16:03:53	78774.83	394733.14	37.45	Soil	11,340	0.62
08/06/2021	16:03:54	78774.77	394733.04	37.43	Soil	10,980	0.37
08/06/2021	16:03:55	78774.67	394733.59	37.41	Soil	11,160	0.50
08/06/2021	16:03:56	78774.85	394733.57	37.41	Soil	10,140	-0.20
08/06/2021	16:03:57	78774.68	394733.09	37.56	Soil	10,140	-0.20
08/06/2021	16:03:58	78774.61	394733.16	37.48	Soil	10,920	0.33
08/06/2021	16:03:59	78774.72	394733.58	37.39	Soil	12,780	1.60
08/06/2021	16:04:00	78774.80	394733.60	37.41	Soil	12,000	1.07
08/06/2021	16:04:01	78774.64	394733.31	37.36	Soil	11,940	1.03
08/06/2021	16:04:02	78774.54	394733.68	37.40	Soil	13,200	1.89
08/06/2021	16:04:03	78774.56	394733.85	37.38	Soil	11,820	0.95
08/06/2021	16:04:04	78774.70	394733.44	37.39	Soil	13,440	2.06
08/06/2021	16:04:05	78774.77	394733.49	37.42	Soil	11,940	1.03
08/06/2021	16:04:06	78774.55	394733.79	37.42	Soil	12,840	1.65
08/06/2021	16:04:07	78774.46	394733.61	37.47	Soil	13,680	2.22
08/06/2021	16:04:08	78774.42	394733.30	37.46	Soil	11,460	0.70
08/06/2021	16:04:09	78774.34	394733.64	37.47	Soil	12,240	1.23
08/06/2021	16:04:10	78774.30	394733.79	37.46	Soil	13,140	1.85
08/06/2021	16:04:11	78774.42	394733.39	37.48	Soil	11,280	0.58

SU 7B GWS RESULTS

08/06/2021	16:04:12	78774.37	394733.42	37.50	Soil	11,280	0.58
08/06/2021	16:04:13	78774.16	394733.72	37.52	Soil	11,580	0.78
08/06/2021	16:04:14	78774.19	394733.44	37.59	Soil	12,180	1.19
08/06/2021	16:04:15	78774.29	394733.17	37.58	Soil	11,220	0.54
08/06/2021	16:04:16	78774.24	394733.52	37.63	Soil	12,060	1.11
08/06/2021	16:04:17	78774.26	394733.62	37.60	Soil	10,560	0.09
08/06/2021	16:04:18	78774.26	394733.31	37.64	Soil	12,780	1.60
08/06/2021	16:04:19	78774.20	394733.39	37.66	Soil	11,760	0.91
08/06/2021	16:04:20	78774.08	394733.77	37.67	Soil	10,500	0.04
08/06/2021	16:04:21	78774.11	394733.52	37.63	Soil	11,040	0.41
08/06/2021	16:04:22	78774.22	394733.22	37.66	Soil	10,620	0.13
08/06/2021	16:04:23	78774.15	394733.61	37.72	Soil	10,800	0.25
08/06/2021	16:04:24	78774.01	394733.83	37.70	Soil	13,140	1.85
08/06/2021	16:04:25	78774.05	394733.33	37.69	Soil	10,140	-0.20
08/06/2021	16:04:26	78774.12	394733.30	37.71	Soil	10,140	-0.20
08/06/2021	16:04:27	78774.00	394733.83	37.73	Soil	10,680	0.17
08/06/2021	16:04:28	78773.86	394733.75	37.76	Soil	12,240	1.23
08/06/2021	16:04:29	78773.82	394733.21	37.74	Soil	11,520	0.74
08/06/2021	16:04:30	78773.81	394733.48	37.78	Soil	11,340	0.62
08/06/2021	16:04:31	78773.80	394733.89	37.75	Soil	10,860	0.29
08/06/2021	16:04:32	78773.91	394733.49	37.77	Soil	10,320	-0.08
08/06/2021	16:04:33	78773.96	394733.22	37.77	Soil	10,860	0.29
08/06/2021	16:04:34	78773.79	394733.78	37.84	Soil	10,680	0.17
08/06/2021	16:04:35	78773.66	394733.79	37.79	Soil	11,640	0.82
08/06/2021	16:04:36	78773.73	394733.29	37.79	Soil	10,620	0.13
08/06/2021	16:04:37	78773.76	394733.32	37.82	Soil	12,420	1.36
08/06/2021	16:04:38	78773.74	394733.80	37.81	Soil	10,500	0.04
08/06/2021	16:04:39	78773.84	394733.65	37.86	Soil	10,740	0.21
08/06/2021	16:04:40	78773.94	394733.18	37.85	Soil	12,660	1.52
08/06/2021	16:04:41	78773.76	394733.33	37.86	Soil	10,080	-0.24
08/06/2021	16:04:42	78773.63	394733.66	37.84	Soil	11,820	0.95
08/06/2021	16:04:43	78773.70	394733.30	37.90	Soil	10,620	0.13
08/06/2021	16:04:44	78773.62	394733.09	37.91	Soil	11,220	0.54
08/06/2021	16:04:45	78773.49	394733.57	37.94	Soil	10,560	0.09
08/06/2021	16:04:46	78773.69	394733.61	37.90	Soil	11,160	0.50
08/06/2021	16:04:47	78773.80	394733.08	37.89	Soil	10,440	0.00
08/06/2021	16:04:48	78773.67	394733.24	37.91	Soil	12,180	1.19
08/06/2021	16:04:49	78773.45	394733.64	37.91	Soil	13,560	2.14
08/06/2021	16:04:50	78773.47	394733.22	37.96	Soil	10,860	0.29
08/06/2021	16:04:51	78773.42	394733.13	37.98	Soil	10,020	-0.28
08/06/2021	16:04:52	78773.51	394733.53	37.96	Soil	10,620	0.13
08/06/2021	16:04:53	78773.48	394733.45	38.06	Soil	10,560	0.09
08/06/2021	16:04:54	78773.45	394733.06	38.09	Soil	11,160	0.50
08/06/2021	16:04:55	78773.43	394733.19	38.07	Soil	10,440	0.00
08/06/2021	16:04:56	78773.42	394733.71	38.08	Soil	10,020	-0.28
08/06/2021	16:04:57	78773.43	394733.44	38.10	Soil	9,660	-0.53
08/06/2021	16:04:58	78773.46	394733.14	38.09	Soil	11,400	0.66
08/06/2021	16:04:59	78773.25	394733.59	38.16	Soil	10,620	0.13
08/06/2021	16:05:00	78773.05	394733.77	38.11	Soil	10,680	0.17
08/06/2021	16:05:01	78773.14	394733.24	38.11	Soil	11,100	0.45
08/06/2021	16:05:02	78773.14	394733.15	38.21	Soil	11,700	0.87

SU 7B GWS RESULTS

08/06/2021	16:05:03	78772.99	394733.64	38.24	Soil	11,040	0.41
08/06/2021	16:05:04	78772.88	394733.55	38.31	Soil	10,800	0.25
08/06/2021	16:05:05	78772.88	394733.12	38.32	Soil	10,200	-0.16
08/06/2021	16:05:06	78772.81	394733.19	38.31	Soil	11,040	0.41
08/06/2021	16:05:07	78772.83	394733.61	38.27	Soil	11,100	0.45
08/06/2021	16:05:08	78773.02	394733.43	38.28	Soil	12,240	1.23
08/06/2021	16:05:09	78773.06	394733.05	38.25	Soil	12,120	1.15
08/06/2021	16:05:10	78772.88	394733.47	38.28	Soil	10,560	0.09
08/06/2021	16:05:11	78772.85	394733.68	38.20	Soil	12,000	1.07
08/06/2021	16:05:12	78772.94	394733.13	38.18	Soil	10,980	0.37
08/06/2021	16:05:13	78772.86	394733.10	38.28	Soil	9,780	-0.45
08/06/2021	16:05:14	78772.68	394733.63	38.27	Soil	11,820	0.95
08/06/2021	16:05:15	78772.76	394733.28	38.32	Soil	10,860	0.29
08/06/2021	16:05:16	78772.81	394732.87	38.30	Soil	8,340	-1.43
08/06/2021	16:05:17	78772.68	394733.42	38.37	Soil	10,500	0.04
08/06/2021	16:05:18	78772.69	394733.67	38.32	Soil	11,640	0.82
08/06/2021	16:05:19	78772.79	394733.12	38.35	Soil	12,720	1.56
08/06/2021	16:05:20	78772.78	394733.19	38.29	Soil	10,020	-0.28
08/06/2021	16:05:21	78772.68	394733.84	38.29	Soil	9,900	-0.37
08/06/2021	16:05:22	78772.61	394733.40	38.45	Soil	12,360	1.32
08/06/2021	16:05:23	78772.54	394732.98	38.40	Soil	12,060	1.11
08/06/2021	16:05:24	78772.56	394733.64	38.46	Soil	11,520	0.74
08/06/2021	16:05:25	78772.74	394733.61	38.55	Soil	11,520	0.74
08/06/2021	16:05:26	78772.57	394732.85	38.66	Soil	11,400	0.66
08/06/2021	16:05:27	78772.43	394732.91	38.68	Soil	11,400	0.66
08/06/2021	16:05:28	78772.37	394733.49	38.64	Soil	13,020	1.77
08/06/2021	16:05:29	78772.52	394733.36	38.71	Soil	10,980	0.37
08/06/2021	16:05:30	78772.54	394732.87	38.78	Soil	11,280	0.58
08/06/2021	16:05:31	78772.36	394733.05	38.81	Soil	11,760	0.91
08/06/2021	16:05:32	78772.27	394733.79	38.79	Soil	11,580	0.78
08/06/2021	16:05:33	78772.36	394733.48	38.72	Soil	12,960	1.73
08/06/2021	16:05:34	78772.35	394733.05	38.76	Soil	10,980	0.37
08/06/2021	16:05:35	78772.24	394733.38	38.82	Soil	11,760	0.91
08/06/2021	16:05:36	78772.24	394733.42	38.84	Soil	13,920	2.38
08/06/2021	16:05:37	78772.22	394733.23	38.87	Soil	15,960	3.78
08/06/2021	16:05:38	78772.20	394733.22	38.88	Soil	18,960	5.83
08/06/2021	16:05:39	78772.19	394733.31	38.88	Soil	19,920	6.49
08/06/2021	16:05:40	78772.19	394733.33	38.89	Soil	23,640	9.03
08/06/2021	16:05:41	78772.17	394733.33	38.91	Soil	24,720	9.77
08/06/2021	16:05:42	78772.19	394733.31	38.92	Soil	24,900	9.89
08/06/2021	16:05:43	78772.26	394733.27	38.93	Soil	24,480	9.61
08/06/2021	16:05:44	78772.31	394733.27	38.95	Soil	22,680	8.38
08/06/2021	16:05:45	78772.39	394733.26	38.93	Soil	22,800	8.46
08/06/2021	16:05:46	78772.44	394733.27	38.94	Soil	20,640	6.98
08/06/2021	16:05:47	78772.46	394733.29	38.94	Soil	21,480	7.55
08/06/2021	16:05:48	78772.45	394733.32	38.95	Soil	24,240	9.44
08/06/2021	16:05:49	78772.44	394733.33	38.95	Soil	19,920	6.49
08/06/2021	16:05:50	78772.43	394733.40	38.90	Soil	24,960	9.94
08/06/2021	16:05:51	78772.33	394733.46	38.89	Soil	22,500	8.25
08/06/2021	16:05:52	78772.06	394733.32	38.91	Soil	22,860	8.50
08/06/2021	16:05:53	78772.14	394733.27	38.94	Soil	20,880	7.14

SU 7B GWS RESULTS

08/06/2021	16:05:54	78772.21	394733.35	38.96	Soil	20,520	6.90
08/06/2021	16:05:55	78772.21	394733.34	38.98	Soil	20,460	6.86
08/06/2021	16:05:56	78772.15	394733.30	38.95	Soil	25,020	9.98
08/06/2021	16:05:57	78772.12	394733.12	38.91	Soil	25,440	10.26
08/06/2021	16:05:58	78772.13	394733.00	38.89	Soil	24,120	9.36
08/06/2021	16:05:59	78772.13	394733.00	38.93	Soil	24,960	9.94
08/06/2021	16:06:00	78772.19	394733.05	38.95	Soil	24,720	9.77
08/06/2021	16:06:01	78772.24	394733.06	39.01	Soil	18,720	5.67
08/06/2021	16:06:02	78772.23	394732.91	39.04	Soil	14,160	2.55
08/06/2021	16:06:03	78772.21	394732.82	38.99	Soil	10,980	0.37
08/06/2021	16:06:04	78772.19	394733.06	39.12	Soil	13,140	1.85
08/06/2021	16:06:05	78772.14	394733.06	39.14	Soil	12,600	1.48
08/06/2021	16:06:06	78772.23	394733.06	39.12	Soil	13,380	2.01
08/06/2021	16:06:07	78772.24	394733.38	39.24	Soil	10,140	-0.20
08/06/2021	16:06:08	78772.21	394733.41	39.24	Soil	11,940	1.03
08/06/2021	16:06:09	78772.13	394733.30	39.13	Soil	11,100	0.45
08/06/2021	16:06:10	78772.32	394733.31	39.14	Soil	11,220	0.54
08/06/2021	16:06:11	78772.32	394733.28	39.18	Soil	12,360	1.32
08/06/2021	16:06:12	78772.09	394733.28	39.10	Soil	11,640	0.82
08/06/2021	16:06:13	78772.25	394733.24	39.03	Soil	11,520	0.74
08/06/2021	16:06:14	78772.35	394733.40	39.13	Soil	13,020	1.77
08/06/2021	16:06:15	78772.08	394733.52	39.16	Soil	12,060	1.11
08/06/2021	16:06:16	78772.12	394733.37	39.09	Soil	11,340	0.62
08/06/2021	16:06:17	78772.34	394733.05	39.05	Soil	11,220	0.54
08/06/2021	16:06:18	78772.28	394733.30	39.11	Soil	12,060	1.11
08/06/2021	16:06:19	78772.18	394733.51	39.02	Soil	11,220	0.54
08/06/2021	16:06:20	78772.16	394733.10	39.01	Soil	10,620	0.13
08/06/2021	16:06:21	78772.12	394733.17	39.09	Soil	10,860	0.29
08/06/2021	16:06:22	78771.99	394733.57	39.01	Soil	12,240	1.23
08/06/2021	16:06:23	78771.90	394733.42	38.98	Soil	10,440	0.00
08/06/2021	16:06:24	78771.92	394733.31	39.00	Soil	12,060	1.11
08/06/2021	16:06:25	78772.08	394733.38	39.10	Soil	11,100	0.45
08/06/2021	16:06:26	78771.91	394733.48	39.06	Soil	11,520	0.74
08/06/2021	16:06:27	78771.87	394733.55	38.98	Soil	11,880	0.99
08/06/2021	16:06:28	78772.10	394733.10	38.96	Soil	11,100	0.45
08/06/2021	16:06:29	78772.08	394733.08	38.99	Soil	12,780	1.60
08/06/2021	16:06:30	78771.84	394733.59	38.98	Soil	12,420	1.36
08/06/2021	16:06:31	78771.72	394733.64	39.01	Soil	11,700	0.87
08/06/2021	16:06:32	78771.79	394733.21	39.00	Soil	11,580	0.78
08/06/2021	16:06:33	78771.82	394733.14	39.05	Soil	12,000	1.07
08/06/2021	16:06:34	78771.84	394733.55	39.04	Soil	12,480	1.40
08/06/2021	16:06:35	78771.81	394733.72	39.01	Soil	11,160	0.50
08/06/2021	16:06:36	78771.86	394733.25	38.96	Soil	12,300	1.28
08/06/2021	16:06:37	78771.83	394732.99	38.98	Soil	10,200	-0.16
08/06/2021	16:06:44	78771.73	394733.35	39.10	Soil	11,580	0.78
08/06/2021	16:08:42	78771.91	394732.19	39.20	Soil	11,700	0.87
08/06/2021	16:08:43	78772.12	394731.78	39.17	Soil	11,160	0.50
08/06/2021	16:08:46	78772.08	394731.74	39.13	Soil	14,040	2.47
08/06/2021	16:08:47	78771.97	394731.60	39.09	Soil	10,560	0.09
08/06/2021	16:08:48	78772.13	394731.50	39.10	Soil	11,460	0.70
08/06/2021	16:08:49	78772.13	394731.57	39.26	Soil	9,300	-0.78

SU 7B GWS RESULTS

08/06/2021	16:08:50	78771.98	394731.88	39.18	Soil	11,700	0.87
08/06/2021	16:08:51	78772.07	394731.76	39.20	Soil	12,300	1.28
08/06/2021	16:08:52	78772.31	394731.31	39.20	Soil	11,100	0.45
08/06/2021	16:08:53	78772.11	394731.71	39.23	Soil	11,040	0.41
08/06/2021	16:08:54	78772.19	394732.15	39.26	Soil	10,440	0.00
08/06/2021	16:08:55	78772.17	394731.61	39.44	Soil	10,860	0.29
08/06/2021	16:08:56	78772.12	394731.62	39.55	Soil	11,520	0.74
08/06/2021	16:08:57	78772.11	394731.87	39.52	Soil	11,340	0.62
08/06/2021	16:08:59	78772.13	394731.44	39.39	Soil	10,740	0.21
08/06/2021	16:09:00	78772.08	394731.70	39.35	Soil	9,780	-0.45
08/06/2021	16:09:01	78771.98	394732.14	39.33	Soil	10,860	0.29
08/06/2021	16:09:02	78772.02	394731.85	39.44	Soil	11,040	0.41
08/06/2021	16:09:03	78772.19	394731.48	39.41	Soil	10,260	-0.12
08/06/2021	16:09:04	78772.21	394731.81	39.41	Soil	11,760	0.91
08/06/2021	16:09:05	78772.10	394732.09	39.41	Soil	11,280	0.58
08/06/2021	16:09:06	78772.09	394731.73	39.44	Soil	11,580	0.78
08/06/2021	16:09:07	78772.25	394731.83	39.32	Soil	9,660	-0.53
08/06/2021	16:09:08	78772.31	394732.15	39.33	Soil	11,580	0.78
08/06/2021	16:09:09	78772.24	394731.82	39.42	Soil	12,360	1.32
08/06/2021	16:09:10	78772.39	394731.77	39.62	Soil	11,460	0.70
08/06/2021	16:09:11	78772.37	394731.89	39.78	Soil	11,820	0.95
08/06/2021	16:09:12	78772.25	394731.77	39.59	Soil	11,040	0.41
08/06/2021	16:09:13	78772.43	394731.87	39.32	Soil	11,760	0.91
08/06/2021	16:09:14	78772.49	394731.79	39.42	Soil	12,480	1.40
08/06/2021	16:09:15	78772.47	394731.44	39.46	Soil	12,600	1.48
08/06/2021	16:09:16	78772.53	394731.79	39.36	Soil	11,400	0.66
08/06/2021	16:09:17	78772.41	394732.28	39.37	Soil	9,360	-0.74
08/06/2021	16:09:18	78772.57	394732.03	39.36	Soil	11,820	0.95
08/06/2021	16:09:19	78772.68	394731.52	39.31	Soil	10,380	-0.04
08/06/2021	16:09:20	78772.41	394732.16	39.35	Soil	12,420	1.36
08/06/2021	16:09:21	78772.46	394732.26	39.31	Soil	12,360	1.32
08/06/2021	16:09:22	78772.70	394731.81	39.28	Soil	10,320	-0.08
08/06/2021	16:09:23	78772.46	394731.88	39.35	Soil	10,980	0.37
08/06/2021	16:09:24	78772.19	394732.11	39.33	Soil	12,120	1.15
08/06/2021	16:09:25	78772.58	394731.77	39.28	Soil	11,880	0.99
08/06/2021	16:09:26	78772.79	394731.56	39.24	Soil	12,180	1.19
08/06/2021	16:09:27	78772.48	394732.08	39.30	Soil	8,760	-1.15
08/06/2021	16:09:28	78772.49	394732.19	39.20	Soil	11,220	0.54
08/06/2021	16:09:29	78772.71	394731.67	39.16	Soil	12,480	1.40
08/06/2021	16:09:30	78772.66	394731.81	39.22	Soil	10,980	0.37
08/06/2021	16:09:31	78772.43	394732.26	39.16	Soil	12,060	1.11
08/06/2021	16:09:32	78772.65	394731.83	39.18	Soil	10,920	0.33
08/06/2021	16:09:33	78773.09	394731.42	39.16	Soil	11,160	0.50
08/06/2021	16:09:34	78772.79	394731.90	39.16	Soil	12,000	1.07
08/06/2021	16:09:35	78772.58	394731.98	39.11	Soil	11,400	0.66
08/06/2021	16:09:36	78772.96	394731.65	39.01	Soil	11,040	0.41
08/06/2021	16:09:37	78773.06	394731.72	39.03	Soil	11,400	0.66
08/06/2021	16:09:38	78772.82	394732.16	39.02	Soil	10,080	-0.24
08/06/2021	16:09:39	78772.74	394732.00	39.02	Soil	10,920	0.33
08/06/2021	16:09:40	78772.84	394731.90	39.07	Soil	11,280	0.58
08/06/2021	16:09:41	78772.77	394731.87	39.10	Soil	10,860	0.29

SU 7B GWS RESULTS

08/06/2021	16:09:42	78772.69	394732.10	38.97	Soil	10,080	-0.24
08/06/2021	16:09:43	78772.94	394732.27	38.98	Soil	10,440	0.00
08/06/2021	16:09:44	78773.08	394731.91	38.95	Soil	10,800	0.25
08/06/2021	16:09:45	78772.85	394732.31	39.00	Soil	11,280	0.58
08/06/2021	16:09:46	78772.66	394732.33	39.04	Soil	11,460	0.70
08/06/2021	16:09:47	78773.01	394732.10	38.96	Soil	10,140	-0.20
08/06/2021	16:09:48	78773.17	394732.40	38.97	Soil	12,240	1.23
08/06/2021	16:09:49	78772.98	394732.31	38.92	Soil	11,340	0.62
08/06/2021	16:09:50	78773.03	394732.11	38.89	Soil	12,780	1.60
08/06/2021	16:09:51	78773.09	394732.50	38.84	Soil	10,620	0.13
08/06/2021	16:09:52	78772.95	394732.57	38.83	Soil	10,080	-0.24
08/06/2021	16:09:53	78773.01	394732.25	38.79	Soil	11,040	0.41
08/06/2021	16:09:54	78773.00	394732.36	38.82	Soil	10,680	0.17
08/06/2021	16:09:55	78773.02	394732.70	38.78	Soil	10,920	0.33
08/06/2021	16:09:56	78773.13	394732.20	38.82	Soil	10,500	0.04
08/06/2021	16:09:57	78773.18	394731.93	38.82	Soil	10,440	0.00
08/06/2021	16:09:58	78773.16	394732.31	38.80	Soil	9,000	-0.98
08/06/2021	16:09:59	78773.22	394732.23	38.71	Soil	11,040	0.41
08/06/2021	16:10:00	78773.28	394731.89	38.70	Soil	10,140	-0.20
08/06/2021	16:10:01	78773.16	394732.28	38.71	Soil	10,080	-0.24
08/06/2021	16:10:02	78773.03	394732.54	38.72	Soil	10,680	0.17
08/06/2021	16:10:03	78773.23	394732.07	38.78	Soil	10,380	-0.04
08/06/2021	16:10:04	78773.30	394731.79	38.79	Soil	11,280	0.58
08/06/2021	16:10:05	78773.09	394732.23	38.77	Soil	9,360	-0.74
08/06/2021	16:10:06	78772.96	394732.63	38.70	Soil	10,200	-0.16
08/06/2021	16:10:07	78773.14	394732.21	38.65	Soil	11,280	0.58
08/06/2021	16:10:08	78773.20	394732.05	38.62	Soil	10,740	0.21
08/06/2021	16:10:09	78773.07	394732.72	38.59	Soil	11,520	0.74
08/06/2021	16:10:10	78773.20	394732.63	38.57	Soil	11,820	0.95
08/06/2021	16:10:11	78773.36	394732.03	38.56	Soil	10,980	0.37
08/06/2021	16:10:12	78773.27	394732.41	38.52	Soil	11,040	0.41
08/06/2021	16:10:13	78773.08	394732.59	38.64	Soil	10,320	-0.08
08/06/2021	16:10:14	78773.12	394731.92	38.61	Soil	11,100	0.45
08/06/2021	16:10:15	78773.07	394731.99	38.49	Soil	11,880	0.99
08/06/2021	16:10:16	78773.16	394732.68	38.44	Soil	11,400	0.66
08/06/2021	16:10:17	78773.34	394732.33	38.50	Soil	11,160	0.50
08/06/2021	16:10:18	78773.24	394731.82	38.46	Soil	10,080	-0.24
08/06/2021	16:10:19	78773.20	394732.31	38.42	Soil	11,460	0.70
08/06/2021	16:10:20	78773.24	394732.33	38.48	Soil	10,560	0.09
08/06/2021	16:10:21	78773.36	394731.86	38.53	Soil	10,920	0.33
08/06/2021	16:10:22	78773.26	394732.05	38.52	Soil	11,040	0.41
08/06/2021	16:10:23	78773.26	394732.30	38.57	Soil	12,300	1.28
08/06/2021	16:10:24	78773.42	394732.01	38.55	Soil	10,860	0.29
08/06/2021	16:10:25	78773.41	394732.32	38.52	Soil	10,200	-0.16
08/06/2021	16:10:26	78773.33	394732.81	38.51	Soil	9,480	-0.65
08/06/2021	16:10:27	78773.51	394732.28	38.47	Soil	9,660	-0.53
08/06/2021	16:10:28	78773.65	394732.14	38.39	Soil	10,440	0.00
08/06/2021	16:10:29	78773.60	394732.81	38.25	Soil	10,800	0.25
08/06/2021	16:10:30	78773.71	394732.48	38.27	Soil	10,920	0.33
08/06/2021	16:10:31	78773.87	394732.01	38.15	Soil	11,160	0.50
08/06/2021	16:10:32	78773.65	394732.67	38.13	Soil	11,400	0.66

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08/06/2021	16:10:33	78773.67	394732.67	38.13	Soil	11,040	0.41
08/06/2021	16:10:34	78773.76	394731.94	38.12	Soil	10,680	0.17
08/06/2021	16:10:35	78773.80	394732.02	38.14	Soil	11,400	0.66
08/06/2021	16:10:36	78773.66	394732.30	38.15	Soil	11,400	0.66
08/06/2021	16:10:37	78773.75	394732.19	38.22	Soil	10,680	0.17
08/06/2021	16:10:38	78774.06	394731.95	38.13	Soil	12,660	1.52
08/06/2021	16:10:39	78773.80	394732.30	38.16	Soil	11,220	0.54
08/06/2021	16:10:40	78773.74	394732.77	38.17	Soil	11,040	0.41
08/06/2021	16:10:41	78774.03	394732.06	38.14	Soil	11,460	0.70
08/06/2021	16:10:42	78774.06	394731.92	38.06	Soil	12,000	1.07
08/06/2021	16:10:43	78773.87	394732.71	38.04	Soil	10,680	0.17
08/06/2021	16:10:44	78773.93	394732.52	38.17	Soil	10,980	0.37
08/06/2021	16:10:45	78773.87	394732.22	38.20	Soil	9,180	-0.86
08/06/2021	16:10:46	78774.04	394732.21	38.21	Soil	13,860	2.34
08/06/2021	16:10:47	78773.96	394732.33	38.20	Soil	10,380	-0.04
08/06/2021	16:10:48	78774.27	394732.37	38.16	Soil	13,080	1.81
08/06/2021	16:10:49	78774.05	394732.43	38.19	Soil	10,500	0.04
08/06/2021	16:10:50	78773.80	394732.35	38.29	Soil	10,080	-0.24
08/06/2021	16:10:51	78773.82	394732.32	38.35	Soil	11,100	0.45
08/06/2021	16:10:52	78773.83	394732.17	38.29	Soil	11,280	0.58
08/06/2021	16:10:53	78774.05	394732.29	38.28	Soil	11,280	0.58
08/06/2021	16:10:54	78774.19	394732.17	38.29	Soil	9,960	-0.32
08/06/2021	16:10:55	78774.10	394731.86	38.25	Soil	11,520	0.74
08/06/2021	16:10:56	78774.10	394732.04	38.21	Soil	10,800	0.25
08/06/2021	16:10:57	78774.16	394732.58	38.24	Soil	10,260	-0.12
08/06/2021	16:10:58	78774.22	394731.98	38.25	Soil	12,900	1.69
08/06/2021	16:10:59	78774.03	394731.94	38.29	Soil	10,860	0.29
08/06/2021	16:11:00	78773.87	394732.57	38.24	Soil	10,440	0.00
08/06/2021	16:11:01	78774.14	394732.02	38.23	Soil	11,940	1.03
08/06/2021	16:11:02	78774.29	394732.04	38.23	Soil	10,860	0.29
08/06/2021	16:11:03	78773.95	394732.58	38.25	Soil	11,220	0.54
08/06/2021	16:11:04	78773.93	394732.24	38.19	Soil	10,500	0.04
08/06/2021	16:11:05	78774.14	394731.91	38.20	Soil	10,920	0.33
08/06/2021	16:11:06	78774.22	394732.48	38.12	Soil	11,400	0.66
08/06/2021	16:11:07	78774.31	394732.49	38.07	Soil	10,620	0.13
08/06/2021	16:11:08	78774.14	394731.96	38.06	Soil	10,080	-0.24
08/06/2021	16:11:09	78774.18	394732.14	38.12	Soil	10,320	-0.08
08/06/2021	16:11:10	78774.06	394732.54	38.06	Soil	11,760	0.91
08/06/2021	16:11:11	78774.40	394732.08	38.12	Soil	10,320	-0.08
08/06/2021	16:11:12	78774.53	394731.86	38.11	Soil	10,920	0.33
08/06/2021	16:11:13	78774.29	394732.47	38.13	Soil	11,640	0.82
08/06/2021	16:11:14	78774.13	394732.59	38.08	Soil	13,020	1.77
08/06/2021	16:11:15	78774.43	394731.98	38.03	Soil	11,400	0.66
08/06/2021	16:11:16	78774.54	394732.08	38.10	Soil	12,000	1.07
08/06/2021	16:11:17	78774.38	394732.65	38.05	Soil	11,040	0.41
08/06/2021	16:11:18	78774.39	394732.06	38.02	Soil	9,840	-0.41
08/06/2021	16:11:19	78774.39	394731.85	38.00	Soil	10,560	0.09
08/06/2021	16:11:20	78774.30	394732.43	38.03	Soil	11,760	0.91
08/06/2021	16:11:21	78774.15	394732.43	38.03	Soil	11,520	0.74
08/06/2021	16:11:22	78774.53	394732.21	37.97	Soil	11,160	0.50
08/06/2021	16:11:23	78774.38	394732.19	38.01	Soil	10,380	-0.04

SU 7B GWS RESULTS

08/06/2021	16:11:24	78774.23	394732.49	37.97	Soil	10,200	-0.16
08/06/2021	16:11:25	78774.36	394732.27	37.88	Soil	9,780	-0.45
08/06/2021	16:11:26	78774.58	394732.05	37.92	Soil	11,220	0.54
08/06/2021	16:11:27	78774.58	394732.46	37.89	Soil	11,160	0.50
08/06/2021	16:11:28	78774.51	394732.36	37.89	Soil	9,960	-0.32
08/06/2021	16:11:29	78774.61	394731.82	37.84	Soil	11,820	0.95
08/06/2021	16:11:30	78774.63	394732.07	37.85	Soil	9,780	-0.45
08/06/2021	16:11:31	78774.48	394732.40	37.85	Soil	11,340	0.62
08/06/2021	16:11:32	78774.56	394732.16	37.85	Soil	10,980	0.37
08/06/2021	16:11:33	78774.64	394731.86	37.91	Soil	12,060	1.11
08/06/2021	16:11:34	78774.46	394732.19	37.97	Soil	10,920	0.33
08/06/2021	16:11:35	78774.59	394732.44	37.77	Soil	10,620	0.13
08/06/2021	16:11:36	78774.83	394732.20	37.65	Soil	9,600	-0.57
08/06/2021	16:11:37	78774.65	394732.10	37.63	Soil	10,980	0.37
08/06/2021	16:11:38	78774.71	394732.38	37.67	Soil	12,300	1.28
08/06/2021	16:11:39	78774.84	394732.25	37.70	Soil	10,860	0.29
08/06/2021	16:11:40	78774.62	394731.96	37.71	Soil	10,920	0.33
08/06/2021	16:11:41	78774.74	394732.55	37.70	Soil	10,680	0.17
08/06/2021	16:11:42	78774.69	394732.39	37.76	Soil	12,000	1.07
08/06/2021	16:11:43	78774.65	394731.85	37.70	Soil	12,000	1.07
08/06/2021	16:11:44	78774.59	394732.24	37.65	Soil	11,100	0.45
08/06/2021	16:11:45	78774.53	394732.56	37.72	Soil	11,400	0.66
08/06/2021	16:11:46	78774.84	394731.97	37.71	Soil	11,160	0.50
08/06/2021	16:11:47	78775.01	394731.91	37.70	Soil	10,980	0.37
08/06/2021	16:11:48	78774.81	394732.64	37.70	Soil	11,940	1.03
08/06/2021	16:11:49	78774.69	394732.29	37.64	Soil	10,320	-0.08
08/06/2021	16:11:50	78774.95	394731.89	37.61	Soil	12,240	1.23
08/06/2021	16:11:51	78774.85	394732.30	37.70	Soil	9,900	-0.37
08/06/2021	16:11:52	78774.59	394732.58	37.62	Soil	9,480	-0.65
08/06/2021	16:11:53	78775.03	394732.06	37.59	Soil	10,560	0.09
08/06/2021	16:11:54	78774.90	394731.89	37.65	Soil	11,040	0.41
08/06/2021	16:11:55	78774.75	394732.74	37.60	Soil	12,300	1.28
08/06/2021	16:11:56	78774.79	394732.26	37.59	Soil	10,500	0.04
08/06/2021	16:11:57	78774.86	394731.87	37.52	Soil	13,080	1.81
08/06/2021	16:11:58	78774.96	394732.52	37.55	Soil	11,580	0.78
08/06/2021	16:11:59	78774.74	394732.64	37.57	Soil	11,340	0.62
08/06/2021	16:12:00	78775.07	394731.85	37.51	Soil	12,420	1.36
08/06/2021	16:12:01	78774.94	394732.28	37.57	Soil	11,220	0.54
08/06/2021	16:12:02	78774.79	394732.74	37.48	Soil	11,760	0.91
08/06/2021	16:12:03	78775.08	394732.13	37.47	Soil	11,820	0.95
08/06/2021	16:12:04	78775.21	394731.78	37.45	Soil	9,960	-0.32
08/06/2021	16:12:05	78774.88	394732.47	37.46	Soil	11,220	0.54
08/06/2021	16:12:06	78774.83	394732.31	37.48	Soil	12,480	1.40
08/06/2021	16:12:07	78775.10	394731.96	37.52	Soil	10,980	0.37
08/06/2021	16:12:08	78774.98	394732.13	37.59	Soil	10,260	-0.12
08/06/2021	16:12:09	78775.11	394732.58	37.52	Soil	12,420	1.36
08/06/2021	16:12:10	78775.24	394732.27	37.56	Soil	10,620	0.13
08/06/2021	16:12:11	78775.06	394731.90	37.55	Soil	10,500	0.04
08/06/2021	16:12:12	78774.89	394732.55	37.53	Soil	10,440	0.00
08/06/2021	16:12:13	78774.98	394732.67	37.50	Soil	12,360	1.32
08/06/2021	16:12:14	78775.20	394731.69	37.51	Soil	12,300	1.28

SU 7B GWS RESULTS

08/06/2021	16:12:15	78775.17	394731.90	37.49	Soil	10,260	-0.12
08/06/2021	16:12:16	78775.08	394732.25	37.50	Soil	10,860	0.29
08/06/2021	16:12:17	78775.35	394731.77	37.48	Soil	10,920	0.33
08/06/2021	16:12:18	78775.12	394732.16	37.51	Soil	10,920	0.33
08/06/2021	16:12:19	78775.25	394732.59	37.46	Soil	11,580	0.78
08/06/2021	16:12:20	78775.49	394732.09	37.44	Soil	11,280	0.58
08/06/2021	16:12:21	78775.44	394731.84	37.40	Soil	11,640	0.82
08/06/2021	16:12:22	78775.19	394732.39	37.37	Soil	12,600	1.48
08/06/2021	16:12:23	78775.37	394732.51	37.37	Soil	11,160	0.50
08/06/2021	16:12:24	78775.61	394731.74	37.29	Soil	13,080	1.81
08/06/2021	16:12:25	78775.49	394731.98	37.38	Soil	10,080	-0.24
08/06/2021	16:12:26	78775.35	394732.81	37.36	Soil	10,740	0.21
08/06/2021	16:12:27	78775.37	394732.35	37.34	Soil	11,460	0.70
08/06/2021	16:12:28	78775.70	394731.58	37.36	Soil	13,260	1.93
08/06/2021	16:12:29	78775.55	394732.12	37.40	Soil	10,620	0.13
08/06/2021	16:12:30	78775.41	394732.59	37.31	Soil	11,520	0.74
08/06/2021	16:12:31	78775.65	394732.38	37.26	Soil	10,980	0.37
08/06/2021	16:12:32	78775.93	394731.94	37.26	Soil	10,680	0.17
08/06/2021	16:12:33	78775.77	394732.49	37.34	Soil	12,060	1.11
08/06/2021	16:12:34	78775.55	394732.62	37.24	Soil	10,920	0.33
08/06/2021	16:12:35	78775.78	394732.11	37.20	Soil	13,080	1.81
08/06/2021	16:12:36	78776.03	394731.83	37.22	Soil	11,580	0.78
08/06/2021	16:12:37	78775.79	394732.41	37.26	Soil	11,640	0.82
08/06/2021	16:12:38	78775.66	394732.52	37.24	Soil	11,820	0.95
08/06/2021	16:12:39	78775.70	394731.99	37.20	Soil	12,240	1.23
08/06/2021	16:12:40	78775.76	394732.19	37.22	Soil	13,560	2.14
08/06/2021	16:12:41	78775.75	394732.04	37.21	Soil	12,420	1.36
08/06/2021	16:12:42	78775.86	394732.23	37.26	Soil	12,600	1.48
08/06/2021	16:12:43	78776.01	394732.53	37.20	Soil	10,740	0.21
08/06/2021	16:12:44	78776.02	394732.11	37.22	Soil	11,460	0.70
08/06/2021	16:12:45	78775.92	394731.54	37.13	Soil	11,340	0.62
08/06/2021	16:12:46	78775.91	394732.23	37.22	Soil	11,280	0.58
08/06/2021	16:12:47	78775.77	394732.66	37.17	Soil	11,760	0.91
08/06/2021	16:12:48	78775.96	394731.90	37.18	Soil	11,940	1.03
08/06/2021	16:12:49	78776.10	394731.89	37.21	Soil	11,400	0.66
08/06/2021	16:12:50	78775.88	394732.50	37.22	Soil	11,040	0.41
08/06/2021	16:12:51	78776.09	394732.67	37.16	Soil	11,040	0.41
08/06/2021	16:12:52	78776.48	394731.94	37.17	Soil	10,140	-0.20
08/06/2021	16:12:53	78776.21	394731.83	37.25	Soil	11,040	0.41
08/06/2021	16:12:54	78775.95	394732.63	37.19	Soil	10,560	0.09
08/06/2021	16:12:55	78776.20	394732.32	37.15	Soil	10,440	0.00
08/06/2021	16:12:56	78776.55	394731.79	37.14	Soil	10,980	0.37
08/06/2021	16:12:57	78776.32	394732.34	37.23	Soil	10,080	-0.24
08/06/2021	16:12:58	78776.09	394732.91	37.17	Soil	10,260	-0.12
08/06/2021	16:12:59	78776.36	394732.38	37.13	Soil	9,720	-0.49
08/06/2021	16:13:00	78776.53	394731.93	37.16	Soil	12,240	1.23
08/06/2021	16:13:01	78776.14	394732.25	37.15	Soil	11,760	0.91
08/06/2021	16:13:02	78776.10	394732.46	37.16	Soil	10,860	0.29
08/06/2021	16:13:03	78776.50	394732.04	37.16	Soil	10,080	-0.24
08/06/2021	16:13:04	78776.36	394732.34	37.18	Soil	10,800	0.25
08/06/2021	16:13:05	78776.13	394732.63	37.14	Soil	10,980	0.37

SU 7B GWS RESULTS

08/06/2021	16:13:06	78776.31	394732.43	37.08	Soil	12,120	1.15
08/06/2021	16:13:07	78776.58	394731.97	37.07	Soil	10,320	-0.08
08/06/2021	16:13:08	78776.51	394732.38	37.11	Soil	9,540	-0.61
08/06/2021	16:13:09	78776.45	394732.75	37.05	Soil	11,460	0.70
08/06/2021	16:13:10	78776.54	394732.30	37.01	Soil	11,700	0.87
08/06/2021	16:13:11	78776.58	394732.21	37.08	Soil	12,180	1.19
08/06/2021	16:13:12	78776.44	394732.81	37.03	Soil	10,080	-0.24
08/06/2021	16:13:13	78776.45	394732.62	36.97	Soil	10,140	-0.20
08/06/2021	16:13:14	78776.69	394731.90	36.99	Soil	11,220	0.54
08/06/2021	16:13:15	78776.73	394732.30	36.99	Soil	12,180	1.19
08/06/2021	16:13:16	78776.54	394732.71	37.04	Soil	10,920	0.33
08/06/2021	16:13:17	78776.64	394732.17	36.97	Soil	10,320	-0.08
08/06/2021	16:13:18	78776.88	394732.10	36.97	Soil	12,240	1.23
08/06/2021	16:13:19	78776.67	394732.66	36.98	Soil	10,500	0.04
08/06/2021	16:13:20	78776.65	394732.57	36.94	Soil	10,920	0.33
08/06/2021	16:13:21	78776.59	394732.25	36.96	Soil	11,160	0.50
08/06/2021	16:13:22	78776.59	394732.34	36.96	Soil	10,080	-0.24
08/06/2021	16:13:23	78776.55	394732.48	36.95	Soil	10,980	0.37
08/06/2021	16:13:24	78776.60	394732.50	36.95	Soil	11,100	0.45
08/06/2021	16:13:25	78776.61	394732.85	36.97	Soil	11,100	0.45
08/06/2021	16:13:26	78776.55	394732.69	36.93	Soil	10,560	0.09
08/06/2021	16:13:27	78776.57	394732.49	36.93	Soil	11,160	0.50
08/06/2021	16:13:28	78776.48	394732.48	36.91	Soil	11,460	0.70
08/06/2021	16:13:29	78776.49	394732.56	36.89	Soil	11,040	0.41
08/06/2021	16:13:30	78776.45	394732.50	36.84	Soil	11,820	0.95
08/06/2021	16:13:31	78776.36	394732.57	36.95	Soil	10,920	0.33
08/06/2021	16:13:32	78776.47	394732.53	36.90	Soil	10,320	-0.08
08/06/2021	16:13:33	78776.48	394732.88	36.96	Soil	11,700	0.87
08/06/2021	16:13:34	78776.72	394732.98	36.93	Soil	10,620	0.13
08/06/2021	16:13:35	78776.73	394732.70	36.99	Soil	11,760	0.91
08/06/2021	16:13:36	78776.70	394732.73	36.88	Soil	12,540	1.44
08/06/2021	16:13:37	78776.88	394732.56	36.93	Soil	10,740	0.21
08/06/2021	16:13:38	78776.97	394732.20	36.98	Soil	9,600	-0.57
08/06/2021	16:13:39	78776.82	394732.52	37.01	Soil	11,640	0.82
08/06/2021	16:13:40	78776.75	394733.07	36.87	Soil	12,480	1.40
08/06/2021	16:13:41	78776.81	394732.85	36.91	Soil	12,540	1.44
08/06/2021	16:13:42	78776.90	394732.49	36.90	Soil	10,260	-0.12
08/06/2021	16:13:43	78776.68	394733.00	36.93	Soil	11,280	0.58
08/06/2021	16:13:44	78776.68	394733.09	37.29	Soil	11,760	0.91
08/06/2021	16:13:45	78776.93	394732.36	37.28	Soil	10,620	0.13
08/06/2021	16:13:46	78776.86	394732.39	37.27	Soil	10,500	0.04
08/06/2021	16:13:47	78776.64	394732.90	37.18	Soil	10,680	0.17
08/06/2021	16:13:48	78776.86	394732.70	37.22	Soil	11,460	0.70
08/06/2021	16:13:49	78776.95	394732.55	37.17	Soil	10,140	-0.20
08/06/2021	16:13:50	78776.61	394732.93	37.21	Soil	11,160	0.50
08/06/2021	16:13:51	78776.71	394732.87	37.19	Soil	12,240	1.23
08/06/2021	16:13:52	78777.00	394732.53	37.19	Soil	11,580	0.78
08/06/2021	16:13:53	78776.76	394732.79	37.22	Soil	10,140	-0.20
08/06/2021	16:13:54	78776.64	394732.91	37.25	Soil	11,640	0.82
08/06/2021	16:13:55	78776.96	394732.48	37.31	Soil	10,140	-0.20
08/06/2021	16:13:56	78776.87	394732.43	37.29	Soil	10,260	-0.12

SU 7B GWS RESULTS

08/06/2021	16:13:57	78776.63	394732.63	37.24	Soil	11,760	0.91
08/06/2021	16:13:58	78776.94	394732.25	37.21	Soil	10,680	0.17
08/06/2021	16:13:59	78776.96	394731.98	37.21	Soil	12,240	1.23
08/06/2021	16:14:00	78776.66	394732.20	37.19	Soil	11,820	0.95
08/06/2021	16:14:01	78776.83	394732.05	37.19	Soil	12,240	1.23
08/06/2021	16:14:02	78777.02	394731.65	37.10	Soil	12,360	1.32
08/06/2021	16:14:03	78776.74	394731.73	37.13	Soil	11,580	0.78
08/06/2021	16:14:04	78776.76	394731.77	37.13	Soil	10,680	0.17
08/06/2021	16:14:05	78777.03	394731.43	37.10	Soil	10,020	-0.28
08/06/2021	16:14:06	78776.84	394731.45	37.06	Soil	10,980	0.37
08/06/2021	16:14:07	78776.70	394731.54	37.09	Soil	12,420	1.36
08/06/2021	16:14:08	78776.98	394731.35	37.09	Soil	10,620	0.13
08/06/2021	16:14:09	78776.85	394731.51	37.08	Soil	10,920	0.33
08/06/2021	16:14:10	78776.65	394731.50	37.07	Soil	12,000	1.07
08/06/2021	16:14:11	78776.83	394731.35	37.07	Soil	9,420	-0.69
08/06/2021	16:14:12	78776.82	394731.54	37.06	Soil	12,540	1.44
08/06/2021	16:14:13	78776.61	394731.51	37.17	Soil	11,340	0.62
08/06/2021	16:14:14	78776.88	394731.39	37.15	Soil	10,740	0.21
08/06/2021	16:14:15	78777.04	394731.52	37.16	Soil	10,740	0.21
08/06/2021	16:14:16	78776.70	394731.50	37.10	Soil	11,100	0.45
08/06/2021	16:14:17	78776.75	394731.45	36.96	Soil	12,000	1.07
08/06/2021	16:14:18	78777.14	394731.48	36.57	Soil	10,980	0.37
08/06/2021	16:14:19	78777.16	394731.41	36.64	Soil	12,540	1.44
08/06/2021	16:14:20	78777.15	394731.23	36.73	Soil	10,800	0.25
08/06/2021	16:14:21	78777.02	394731.12	36.83	Soil	11,820	0.95
08/06/2021	16:14:22	78776.78	394731.35	36.89	Soil	10,080	-0.24
08/06/2021	16:14:23	78776.87	394731.76	36.94	Soil	10,560	0.09
08/06/2021	16:14:24	78776.95	394731.77	36.95	Soil	11,160	0.50
08/06/2021	16:14:25	78777.12	394731.25	36.87	Soil	11,400	0.66
08/06/2021	16:14:26	78777.10	394731.01	37.01	Soil	10,080	-0.24
08/06/2021	16:14:27	78776.92	394731.67	37.04	Soil	11,520	0.74
08/06/2021	16:14:28	78776.82	394731.89	37.00	Soil	9,720	-0.49
08/06/2021	16:14:29	78776.96	394730.97	37.00	Soil	10,380	-0.04
08/06/2021	16:14:30	78776.98	394731.18	37.01	Soil	10,440	0.00
08/06/2021	16:14:31	78776.78	394732.02	36.95	Soil	10,800	0.25
08/06/2021	16:14:32	78776.74	394731.34	37.05	Soil	10,860	0.29
08/06/2021	16:14:33	78776.61	394730.84	36.99	Soil	10,800	0.25
08/06/2021	16:14:34	78776.41	394731.54	37.00	Soil	10,020	-0.28
08/06/2021	16:14:35	78776.61	394731.44	37.01	Soil	12,180	1.19
08/06/2021	16:14:36	78776.79	394730.72	37.02	Soil	12,720	1.56
08/06/2021	16:14:37	78776.60	394731.38	37.00	Soil	11,340	0.62
08/06/2021	16:14:38	78776.63	394731.46	37.01	Soil	11,820	0.95
08/06/2021	16:14:39	78776.59	394731.49	37.12	Soil	9,960	-0.32
08/06/2021	16:14:40	78776.16	394731.46	37.11	Soil	10,560	0.09
08/06/2021	16:14:41	78776.41	394731.57	37.23	Soil	11,700	0.87
08/06/2021	16:14:42	78776.45	394730.89	37.21	Soil	11,640	0.82
08/06/2021	16:14:43	78776.39	394731.23	37.20	Soil	10,800	0.25
08/06/2021	16:14:44	78776.51	394731.81	37.20	Soil	10,920	0.33
08/06/2021	16:14:45	78776.30	394731.20	37.27	Soil	10,620	0.13
08/06/2021	16:14:46	78776.51	394730.72	37.12	Soil	11,100	0.45
08/06/2021	16:14:47	78776.30	394731.54	37.16	Soil	12,000	1.07

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08/06/2021	16:14:48	78776.21	394731.78	37.23	Soil	12,840	1.65
08/06/2021	16:14:49	78776.62	394730.79	37.23	Soil	11,400	0.66
08/06/2021	16:14:50	78776.18	394731.22	37.23	Soil	12,000	1.07
08/06/2021	16:14:51	78776.02	394731.90	37.32	Soil	13,020	1.77
08/06/2021	16:14:52	78776.33	394731.04	37.30	Soil	10,380	-0.04
08/06/2021	16:14:53	78776.41	394730.72	37.30	Soil	11,820	0.95
08/06/2021	16:14:54	78776.03	394731.45	37.35	Soil	12,120	1.15
08/06/2021	16:14:55	78776.01	394731.47	37.33	Soil	12,900	1.69
08/06/2021	16:14:56	78776.22	394730.97	37.33	Soil	11,460	0.70
08/06/2021	16:14:57	78776.16	394730.86	37.44	Soil	10,800	0.25
08/06/2021	16:14:58	78776.05	394731.07	37.36	Soil	10,680	0.17
08/06/2021	16:14:59	78776.18	394731.18	37.34	Soil	11,820	0.95
08/06/2021	16:15:00	78776.26	394730.80	37.37	Soil	11,460	0.70
08/06/2021	16:15:01	78776.13	394730.71	37.38	Soil	11,100	0.45
08/06/2021	16:15:02	78775.97	394731.18	37.38	Soil	11,100	0.45
08/06/2021	16:15:03	78776.15	394731.19	37.32	Soil	10,920	0.33
08/06/2021	16:15:04	78776.40	394730.72	37.34	Soil	11,040	0.41
08/06/2021	16:15:05	78776.07	394730.94	37.41	Soil	11,280	0.58
08/06/2021	16:15:06	78775.94	394731.56	37.42	Soil	10,020	-0.28
08/06/2021	16:15:07	78776.00	394731.25	37.46	Soil	12,180	1.19
08/06/2021	16:15:08	78776.08	394730.96	37.44	Soil	12,600	1.48
08/06/2021	16:15:09	78776.13	394731.58	37.40	Soil	11,040	0.41
08/06/2021	16:15:10	78776.01	394731.70	37.38	Soil	11,640	0.82
08/06/2021	16:15:11	78776.20	394731.29	37.39	Soil	12,060	1.11
08/06/2021	16:15:12	78776.09	394731.57	37.33	Soil	10,260	-0.12
08/06/2021	16:15:13	78775.96	394731.48	37.36	Soil	10,080	-0.24
08/06/2021	16:15:14	78776.20	394731.23	37.37	Soil	11,520	0.74
08/06/2021	16:15:15	78775.98	394731.05	37.39	Soil	11,520	0.74
08/06/2021	16:15:16	78775.78	394731.25	37.50	Soil	11,640	0.82
08/06/2021	16:15:17	78775.70	394731.51	37.47	Soil	12,060	1.11
08/06/2021	16:15:18	78775.73	394731.41	37.37	Soil	12,000	1.07
08/06/2021	16:15:19	78775.98	394731.32	37.45	Soil	12,300	1.28
08/06/2021	16:15:20	78776.09	394731.29	37.42	Soil	10,020	-0.28
08/06/2021	16:15:21	78775.98	394731.20	37.47	Soil	11,820	0.95
08/06/2021	16:15:22	78775.87	394731.64	37.39	Soil	12,660	1.52
08/06/2021	16:15:23	78775.92	394731.78	37.35	Soil	11,820	0.95
08/06/2021	16:15:24	78776.02	394731.14	37.37	Soil	12,300	1.28
08/06/2021	16:15:25	78775.89	394731.47	37.44	Soil	9,660	-0.53
08/06/2021	16:15:26	78775.84	394731.59	37.43	Soil	9,360	-0.74
08/06/2021	16:15:27	78775.76	394731.40	37.52	Soil	11,520	0.74
08/06/2021	16:15:28	78775.78	394731.13	37.49	Soil	11,280	0.58
08/06/2021	16:15:29	78775.79	394731.55	37.50	Soil	10,380	-0.04
08/06/2021	16:15:30	78775.83	394731.76	37.51	Soil	10,800	0.25
08/06/2021	16:15:31	78775.94	394731.22	37.60	Soil	11,460	0.70
08/06/2021	16:15:32	78775.90	394731.20	37.52	Soil	10,020	-0.28
08/06/2021	16:15:33	78775.77	394731.80	37.57	Soil	11,940	1.03
08/06/2021	16:15:34	78775.79	394731.51	37.56	Soil	12,480	1.40
08/06/2021	16:15:35	78775.82	394731.16	37.61	Soil	10,380	-0.04
08/06/2021	16:15:36	78775.64	394731.83	37.56	Soil	10,320	-0.08
08/06/2021	16:15:37	78775.69	394731.87	37.58	Soil	11,280	0.58
08/06/2021	16:15:38	78775.81	394731.13	37.65	Soil	12,000	1.07

SU 7B GWS RESULTS

08/06/2021	16:15:39	78775.59	394731.52	37.64	Soil	11,280	0.58
08/06/2021	16:15:40	78775.55	394732.03	37.61	Soil	11,760	0.91
08/06/2021	16:15:41	78775.79	394731.26	37.62	Soil	10,500	0.04
08/06/2021	16:15:42	78775.75	394731.14	37.62	Soil	10,980	0.37
08/06/2021	16:15:43	78775.52	394731.93	37.67	Soil	11,100	0.45
08/06/2021	16:15:44	78775.53	394731.61	37.65	Soil	11,700	0.87
08/06/2021	16:15:45	78775.58	394731.16	37.70	Soil	10,260	-0.12
08/06/2021	16:15:46	78775.42	394731.67	37.71	Soil	11,040	0.41
08/06/2021	16:15:47	78775.35	394731.73	37.74	Soil	10,080	-0.24
08/06/2021	16:15:48	78775.36	394731.14	37.73	Soil	11,040	0.41
08/06/2021	16:15:49	78775.33	394731.13	37.76	Soil	9,360	-0.74
08/06/2021	16:15:50	78775.26	394731.80	37.75	Soil	11,520	0.74
08/06/2021	16:15:51	78775.35	394731.57	37.75	Soil	11,580	0.78
08/06/2021	16:15:52	78775.45	394730.99	37.76	Soil	10,680	0.17
08/06/2021	16:15:53	78775.21	394731.63	37.74	Soil	9,840	-0.41
08/06/2021	16:15:54	78775.09	394731.93	37.76	Soil	10,200	-0.16
08/06/2021	16:15:55	78775.18	394731.23	37.76	Soil	10,020	-0.28
08/06/2021	16:15:56	78775.26	394731.26	37.78	Soil	11,220	0.54
08/06/2021	16:15:57	78775.20	394731.91	37.77	Soil	11,040	0.41
08/06/2021	16:15:58	78775.20	394731.47	37.76	Soil	12,180	1.19
08/06/2021	16:15:59	78775.23	394730.96	37.77	Soil	10,560	0.09
08/06/2021	16:16:00	78775.20	394731.47	37.69	Soil	10,860	0.29
08/06/2021	16:16:01	78775.03	394731.83	37.76	Soil	10,740	0.21
08/06/2021	16:16:02	78774.90	394731.38	37.76	Soil	10,500	0.04
08/06/2021	16:16:03	78774.88	394730.97	37.80	Soil	10,500	0.04
08/06/2021	16:16:04	78774.82	394731.32	37.82	Soil	10,920	0.33
08/06/2021	16:16:05	78774.99	394731.75	37.84	Soil	11,820	0.95
08/06/2021	16:16:06	78774.93	394731.11	37.82	Soil	11,340	0.62
08/06/2021	16:16:07	78774.84	394730.96	37.85	Soil	11,220	0.54
08/06/2021	16:16:08	78774.74	394731.53	37.86	Soil	12,600	1.48
08/06/2021	16:16:09	78774.91	394731.59	37.81	Soil	12,060	1.11
08/06/2021	16:16:10	78774.80	394730.99	37.83	Soil	11,160	0.50
08/06/2021	16:16:11	78774.71	394731.54	37.83	Soil	11,160	0.50
08/06/2021	16:16:12	78774.73	394731.89	37.87	Soil	11,520	0.74
08/06/2021	16:16:13	78774.77	394730.96	37.88	Soil	10,440	0.00
08/06/2021	16:16:14	78774.86	394731.05	37.92	Soil	12,300	1.28
08/06/2021	16:16:15	78774.64	394731.88	37.92	Soil	10,740	0.21
08/06/2021	16:16:16	78774.49	394731.42	38.00	Soil	11,580	0.78
08/06/2021	16:16:17	78774.61	394731.10	37.99	Soil	10,080	-0.24
08/06/2021	16:16:18	78774.52	394731.55	38.01	Soil	11,460	0.70
08/06/2021	16:16:19	78774.60	394731.74	38.01	Soil	10,800	0.25
08/06/2021	16:16:20	78774.66	394730.91	38.01	Soil	9,360	-0.74
08/06/2021	16:16:21	78774.45	394730.86	38.14	Soil	9,720	-0.49
08/06/2021	16:16:22	78774.33	394731.41	38.10	Soil	11,220	0.54
08/06/2021	16:16:23	78774.34	394731.18	38.10	Soil	10,860	0.29
08/06/2021	16:16:24	78774.42	394731.13	38.10	Soil	10,920	0.33
08/06/2021	16:16:25	78774.25	394731.62	38.17	Soil	9,900	-0.37
08/06/2021	16:16:26	78774.18	394731.36	38.17	Soil	10,320	-0.08
08/06/2021	16:16:27	78774.22	394730.91	38.14	Soil	10,740	0.21
08/06/2021	16:16:28	78774.07	394731.66	38.13	Soil	11,040	0.41
08/06/2021	16:16:29	78774.01	394731.65	38.13	Soil	10,800	0.25

SU 7B GWS RESULTS

08/06/2021	16:16:30	78774.01	394730.96	38.16	Soil	9,780	-0.45
08/06/2021	16:16:31	78773.98	394731.57	38.18	Soil	11,760	0.91
08/06/2021	16:16:32	78774.10	394731.68	38.18	Soil	11,220	0.54
08/06/2021	16:16:33	78774.01	394730.77	38.16	Soil	11,280	0.58
08/06/2021	16:16:34	78773.80	394731.06	38.24	Soil	10,320	-0.08
08/06/2021	16:16:35	78773.95	394731.36	38.22	Soil	11,040	0.41
08/06/2021	16:16:36	78773.93	394731.09	38.22	Soil	11,580	0.78
08/06/2021	16:16:37	78773.80	394731.18	38.29	Soil	11,460	0.70
08/06/2021	16:16:38	78773.85	394731.67	38.30	Soil	10,560	0.09
08/06/2021	16:16:39	78773.96	394731.25	38.30	Soil	10,440	0.00
08/06/2021	16:16:40	78773.82	394730.80	38.29	Soil	11,100	0.45
08/06/2021	16:16:41	78773.68	394731.41	38.35	Soil	11,580	0.78
08/06/2021	16:16:42	78773.92	394731.36	38.35	Soil	11,400	0.66
08/06/2021	16:16:43	78773.85	394730.88	38.43	Soil	11,160	0.50
08/06/2021	16:16:44	78773.53	394731.01	38.51	Soil	11,940	1.03
08/06/2021	16:16:45	78773.76	394731.40	38.55	Soil	11,160	0.50
08/06/2021	16:16:46	78773.90	394731.24	38.55	Soil	11,160	0.50
08/06/2021	16:16:47	78773.68	394731.00	38.43	Soil	11,460	0.70
08/06/2021	16:16:48	78773.51	394731.15	38.60	Soil	10,380	-0.04
08/06/2021	16:16:49	78773.64	394731.05	38.60	Soil	10,920	0.33
08/06/2021	16:16:50	78773.78	394730.89	38.61	Soil	11,520	0.74
08/06/2021	16:16:51	78773.68	394731.24	38.48	Soil	11,340	0.62
08/06/2021	16:16:52	78773.46	394731.24	38.60	Soil	11,220	0.54
08/06/2021	16:16:52	78773.54	394730.67	38.60	Soil	11,340	0.62
08/06/2021	16:16:54	78773.31	394731.01	38.57	Soil	10,500	0.04
08/06/2021	16:16:55	78773.59	394731.48	38.57	Soil	11,880	0.99
08/06/2021	16:16:56	78773.62	394730.94	38.57	Soil	11,520	0.74
08/06/2021	16:16:57	78773.53	394730.77	38.63	Soil	10,920	0.33
08/06/2021	16:16:57	78773.34	394731.23	38.65	Soil	10,500	0.04
08/06/2021	16:16:59	78773.54	394731.04	38.73	Soil	10,620	0.13
08/06/2021	16:17:00	78773.63	394730.50	38.73	Soil	10,620	0.13
08/06/2021	16:17:01	78773.37	394731.03	38.66	Soil	12,660	1.52
08/06/2021	16:17:02	78773.20	394731.40	38.71	Soil	11,940	1.03
08/06/2021	16:17:03	78773.38	394730.90	38.71	Soil	10,500	0.04
08/06/2021	16:17:04	78773.52	394730.73	38.69	Soil	11,100	0.45
08/06/2021	16:17:04	78773.36	394731.32	38.69	Soil	11,280	0.58
08/06/2021	16:17:05	78773.22	394731.39	38.70	Soil	13,380	2.01
08/06/2021	16:17:07	78773.34	394730.80	38.69	Soil	10,680	0.17
08/06/2021	16:17:08	78773.32	394731.00	38.73	Soil	11,520	0.74
08/06/2021	16:17:09	78773.23	394731.47	38.73	Soil	11,400	0.66
08/06/2021	16:17:10	78773.37	394731.08	38.82	Soil	11,100	0.45
08/06/2021	16:17:11	78773.49	394730.49	38.82	Soil	11,880	0.99
08/06/2021	16:17:11	78773.37	394730.87	38.82	Soil	10,980	0.37
08/06/2021	16:17:13	78773.13	394731.40	38.78	Soil	11,820	0.95
08/06/2021	16:17:14	78773.02	394730.97	38.83	Soil	10,680	0.17
08/06/2021	16:17:14	78773.05	394730.57	38.84	Soil	11,760	0.91
08/06/2021	16:17:15	78773.01	394731.36	38.84	Soil	11,220	0.54
08/06/2021	16:17:16	78773.07	394731.34	38.83	Soil	11,460	0.70
08/06/2021	16:17:17	78773.05	394730.47	38.95	Soil	9,900	-0.37
08/06/2021	16:17:18	78772.91	394730.61	38.94	Soil	10,860	0.29
08/06/2021	16:17:20	78772.86	394731.32	38.92	Soil	11,580	0.78

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08/06/2021	16:17:20	78773.01	394731.12	38.92	Soil	11,820	0.95
08/06/2021	16:17:21	78773.08	394730.51	39.02	Soil	11,280	0.58
08/06/2021	16:17:22	78772.91	394731.04	38.96	Soil	10,500	0.04
08/06/2021	16:17:23	78772.60	394731.45	38.92	Soil	10,260	-0.12
08/06/2021	16:17:24	78772.71	394730.65	38.96	Soil	10,800	0.25
08/06/2021	16:17:25	78772.70	394730.61	38.96	Soil	11,520	0.74
08/06/2021	16:17:26	78772.68	394731.45	38.96	Soil	11,520	0.74
08/06/2021	16:17:27	78772.82	394731.08	38.97	Soil	10,140	-0.20
08/06/2021	16:17:28	78772.80	394730.30	38.96	Soil	10,680	0.17
08/06/2021	16:17:29	78772.69	394731.01	38.96	Soil	12,180	1.19
08/06/2021	16:17:30	78772.74	394731.38	39.02	Soil	11,880	0.99
08/06/2021	16:17:31	78772.92	394730.60	38.98	Soil	9,900	-0.37
08/06/2021	16:17:32	78772.97	394730.79	38.98	Soil	10,920	0.33
08/06/2021	16:17:33	78772.76	394731.49	38.97	Soil	10,800	0.25
08/06/2021	16:17:34	78772.80	394730.99	39.04	Soil	9,420	-0.69
08/06/2021	16:17:35	78772.90	394730.95	39.05	Soil	12,120	1.15
08/06/2021	16:17:36	78772.76	394731.58	39.05	Soil	10,620	0.13
08/06/2021	16:17:37	78772.84	394731.17	38.98	Soil	10,080	-0.24
08/06/2021	16:17:38	78772.84	394730.96	38.99	Soil	11,220	0.54
08/06/2021	16:17:39	78772.50	394731.50	38.97	Soil	11,460	0.70
08/06/2021	16:17:40	78772.57	394731.03	38.93	Soil	10,140	-0.20
08/06/2021	16:17:41	78772.54	394730.64	38.97	Soil	10,380	-0.04
08/06/2021	16:17:42	78772.56	394731.27	39.00	Soil	10,800	0.25
08/06/2021	16:17:43	78772.61	394731.09	39.08	Soil	10,260	-0.12
08/06/2021	16:17:44	78772.70	394730.57	39.10	Soil	10,380	-0.04
08/06/2021	16:17:45	78772.74	394730.96	39.08	Soil	10,680	0.17
08/06/2021	16:17:46	78772.39	394731.12	39.13	Soil	10,080	-0.24
08/06/2021	16:17:47	78772.37	394730.71	39.02	Soil	11,460	0.70
08/06/2021	16:17:48	78772.56	394731.11	39.02	Soil	11,280	0.58
08/06/2021	16:17:49	78772.44	394731.57	39.02	Soil	11,160	0.50
08/06/2021	16:17:50	78772.58	394731.04	39.02	Soil	11,160	0.50
08/06/2021	16:17:51	78772.43	394730.36	38.98	Soil	12,420	1.36
08/06/2021	16:17:52	78772.25	394730.74	38.93	Soil	12,540	1.44
08/06/2021	16:17:53	78772.18	394731.03	39.08	Soil	11,160	0.50
08/06/2021	16:17:54	78772.24	394730.88	39.15	Soil	9,360	-0.74
08/06/2021	16:17:55	78772.40	394730.44	39.07	Soil	11,520	0.74
08/06/2021	16:17:58	78772.21	394730.72	39.34	Soil	10,260	-0.12
08/06/2021	16:17:59	78772.21	394730.84	39.37	Soil	12,840	1.65
08/06/2021	16:18:02	78772.17	394730.44	39.44	Soil	10,920	0.33
08/07/2021	14:06:30	78787.94	394748.17	36.98	Soil	11,580	0.78
08/07/2021	14:06:31	78787.94	394748.16	36.97	Soil	13,680	2.22
08/07/2021	14:06:32	78787.95	394748.15	36.96	Soil	14,040	2.47
08/07/2021	14:06:33	78787.94	394748.15	36.95	Soil	10,920	0.33
08/07/2021	14:06:59	78787.96	394747.93	37.01	Soil	13,380	2.01
08/07/2021	14:07:00	78787.96	394747.93	36.97	Soil	12,060	1.11
08/07/2021	14:07:01	78787.96	394747.94	36.95	Soil	13,140	1.85
08/07/2021	14:07:02	78787.96	394747.92	36.97	Soil	13,200	1.89
08/07/2021	14:07:03	78787.85	394747.90	36.98	Soil	12,960	1.73
08/07/2021	14:07:04	78787.74	394747.88	36.97	Soil	12,660	1.52
08/07/2021	14:07:05	78787.75	394747.76	36.86	Soil	11,820	0.95
08/07/2021	14:07:06	78787.74	394747.55	36.80	Soil	12,120	1.15

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08/07/2021	14:07:07	78787.72	394747.53	36.79	Soil	12,120	1.15
08/07/2021	14:07:08	78787.61	394747.73	36.71	Soil	11,820	0.95
08/07/2021	14:07:09	78787.38	394747.94	36.72	Soil	11,820	0.95
08/07/2021	14:07:10	78787.24	394748.03	36.67	Soil	10,620	0.13
08/07/2021	14:07:11	78787.20	394747.83	36.61	Soil	11,160	0.50
08/07/2021	14:07:12	78787.22	394747.61	36.54	Soil	10,260	-0.12
08/07/2021	14:07:13	78787.23	394747.46	36.50	Soil	12,660	1.52
08/07/2021	14:07:14	78787.14	394747.52	36.46	Soil	10,200	-0.16
08/07/2021	14:07:15	78786.94	394747.74	36.48	Soil	12,120	1.15
08/07/2021	14:07:16	78786.79	394747.95	36.51	Soil	10,260	-0.12
08/07/2021	14:07:17	78786.64	394748.13	36.59	Soil	11,040	0.41
08/07/2021	14:07:18	78786.56	394748.15	36.56	Soil	11,460	0.70
08/07/2021	14:07:19	78786.49	394747.97	36.50	Soil	11,400	0.66
08/07/2021	14:07:20	78786.46	394747.78	36.42	Soil	12,240	1.23
08/07/2021	14:07:21	78786.53	394747.54	36.39	Soil	10,980	0.37
08/07/2021	14:07:22	78786.57	394747.37	36.38	Soil	10,740	0.21
08/07/2021	14:07:23	78786.41	394747.47	36.38	Soil	10,620	0.13
08/07/2021	14:07:24	78786.15	394747.65	36.42	Soil	9,420	-0.69
08/07/2021	14:07:25	78785.98	394747.87	36.49	Soil	10,920	0.33
08/07/2021	14:07:26	78785.80	394748.11	36.57	Soil	11,340	0.62
08/07/2021	14:07:28	78785.76	394747.94	36.50	Soil	12,060	1.11
08/07/2021	14:07:29	78785.75	394747.73	36.42	Soil	11,100	0.45
08/07/2021	14:07:30	78785.81	394747.51	36.36	Soil	11,100	0.45
08/07/2021	14:07:31	78785.88	394747.33	36.32	Soil	10,200	-0.16
08/07/2021	14:07:32	78785.89	394747.22	36.31	Soil	10,080	-0.24
08/07/2021	14:07:33	78785.75	394747.27	36.30	Soil	10,620	0.13
08/07/2021	14:07:34	78785.58	394747.39	36.32	Soil	11,100	0.45
08/07/2021	14:07:35	78785.41	394747.57	36.33	Soil	12,420	1.36
08/07/2021	14:07:36	78785.23	394747.82	36.37	Soil	12,780	1.60
08/07/2021	14:07:37	78785.16	394747.99	36.44	Soil	9,420	-0.69
08/07/2021	14:07:38	78785.12	394748.06	36.48	Soil	11,760	0.91
08/07/2021	14:07:41	78785.02	394747.94	36.45	Soil	11,400	0.66
08/07/2021	14:07:42	78784.99	394747.70	36.38	Soil	11,280	0.58
08/07/2021	14:07:43	78785.01	394747.44	36.32	Soil	9,540	-0.61
08/07/2021	14:07:44	78784.99	394747.32	36.33	Soil	12,060	1.11
08/07/2021	14:07:45	78784.87	394747.41	36.37	Soil	9,720	-0.49
08/07/2021	14:07:46	78784.67	394747.61	36.40	Soil	11,880	0.99
08/07/2021	14:07:47	78784.50	394747.86	36.49	Soil	9,960	-0.32
08/07/2021	14:07:49	78784.44	394747.99	36.52	Soil	11,280	0.58
08/07/2021	14:07:50	78784.39	394747.80	36.47	Soil	10,380	-0.04
08/07/2021	14:07:51	78784.35	394747.62	36.43	Soil	11,820	0.95
08/07/2021	14:07:52	78784.37	394747.42	36.41	Soil	11,580	0.78
08/07/2021	14:07:53	78784.33	394747.33	36.37	Soil	10,380	-0.04
08/07/2021	14:07:54	78784.13	394747.44	36.40	Soil	11,100	0.45
08/07/2021	14:07:55	78783.87	394747.64	36.45	Soil	10,860	0.29
08/07/2021	14:07:56	78783.69	394747.83	36.51	Soil	10,320	-0.08
08/07/2021	14:07:57	78783.58	394747.92	36.59	Soil	10,500	0.04
08/07/2021	14:07:58	78783.56	394747.78	36.54	Soil	9,780	-0.45
08/07/2021	14:07:59	78783.55	394747.58	36.46	Soil	10,620	0.13
08/07/2021	14:08:00	78783.59	394747.37	36.40	Soil	11,100	0.45
08/07/2021	14:08:01	78783.63	394747.17	36.39	Soil	9,540	-0.61

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08/07/2021	14:08:02	78783.69	394747.04	36.33	Soil	10,860	0.29
08/07/2021	14:08:03	78783.69	394746.99	36.38	Soil	12,300	1.28
08/07/2021	14:08:04	78783.57	394747.05	36.41	Soil	10,620	0.13
08/07/2021	14:08:05	78783.30	394747.31	36.48	Soil	10,080	-0.24
08/07/2021	14:08:06	78783.12	394747.55	36.49	Soil	11,220	0.54
08/07/2021	14:08:07	78782.98	394747.80	36.52	Soil	11,340	0.62
08/07/2021	14:08:13	78782.79	394747.68	36.46	Soil	9,060	-0.94
08/07/2021	14:08:14	78782.80	394747.45	36.43	Soil	11,040	0.41
08/07/2021	14:08:15	78782.84	394747.30	36.44	Soil	10,740	0.21
08/07/2021	14:08:16	78782.90	394747.25	36.42	Soil	10,320	-0.08
08/07/2021	14:08:17	78782.84	394747.25	36.40	Soil	11,220	0.54
08/07/2021	14:08:48	78782.99	394747.12	36.52	Soil	9,480	-0.65
08/07/2021	14:08:49	78782.77	394747.37	36.61	Soil	10,260	-0.12
08/07/2021	14:08:50	78782.66	394747.62	36.67	Soil	9,240	-0.82
08/07/2021	14:08:51	78782.65	394747.61	36.64	Soil	11,520	0.74
08/07/2021	14:08:52	78782.60	394747.51	36.54	Soil	11,940	1.03
08/07/2021	14:08:53	78782.62	394747.27	36.44	Soil	10,020	-0.28
08/07/2021	14:08:54	78782.64	394747.08	36.33	Soil	11,160	0.50
08/07/2021	14:08:55	78782.65	394746.90	36.30	Soil	10,800	0.25
08/07/2021	14:08:56	78782.65	394746.81	36.24	Soil	10,020	-0.28
08/07/2021	14:08:57	78782.51	394746.93	36.26	Soil	9,240	-0.82
08/07/2021	14:08:58	78782.23	394747.18	36.27	Soil	9,660	-0.53
08/07/2021	14:08:59	78782.08	394747.46	36.32	Soil	9,420	-0.69
08/07/2021	14:09:00	78782.01	394747.74	36.42	Soil	9,060	-0.94
08/07/2021	14:09:03	78781.88	394747.71	36.35	Soil	9,000	-0.98
08/07/2021	14:09:04	78781.85	394747.60	36.27	Soil	9,840	-0.41
08/07/2021	14:09:05	78781.82	394747.50	36.22	Soil	10,620	0.13
08/07/2021	14:09:06	78781.83	394747.41	36.14	Soil	9,960	-0.32
08/07/2021	14:09:07	78781.85	394747.27	36.10	Soil	11,160	0.50
08/07/2021	14:09:08	78781.89	394747.12	36.08	Soil	11,100	0.45
08/07/2021	14:09:09	78781.95	394747.02	36.06	Soil	9,900	-0.37
08/07/2021	14:09:10	78781.91	394747.01	36.09	Soil	12,480	1.40
08/07/2021	14:09:11	78781.74	394747.16	36.13	Soil	9,720	-0.49
08/07/2021	14:09:12	78781.53	394747.40	36.23	Soil	9,840	-0.41
08/07/2021	14:09:13	78781.38	394747.62	36.37	Soil	10,860	0.29
08/07/2021	14:09:16	78781.20	394747.67	36.34	Soil	10,560	0.09
08/07/2021	14:09:17	78781.20	394747.58	36.29	Soil	10,080	-0.24
08/07/2021	14:09:18	78781.23	394747.46	36.25	Soil	10,680	0.17
08/07/2021	14:09:19	78781.25	394747.30	36.24	Soil	10,800	0.25
08/07/2021	14:09:20	78781.26	394747.16	36.23	Soil	10,380	-0.04
08/07/2021	14:09:21	78781.25	394747.04	36.21	Soil	9,480	-0.65
08/07/2021	14:09:22	78781.30	394746.97	36.26	Soil	10,380	-0.04
08/07/2021	14:09:23	78781.13	394747.10	36.30	Soil	11,340	0.62
08/07/2021	14:09:24	78780.91	394747.35	36.32	Soil	11,820	0.95
08/07/2021	14:09:25	78780.75	394747.56	36.40	Soil	10,620	0.13
08/07/2021	14:09:29	78780.63	394747.64	36.39	Soil	11,520	0.74
08/07/2021	14:09:30	78780.60	394747.41	36.32	Soil	10,020	-0.28
08/07/2021	14:09:31	78780.68	394747.17	36.24	Soil	9,840	-0.41
08/07/2021	14:09:32	78780.77	394747.01	36.22	Soil	9,060	-0.94
08/07/2021	14:09:33	78780.78	394746.94	36.17	Soil	11,820	0.95
08/07/2021	14:09:34	78780.64	394746.99	36.23	Soil	10,680	0.17

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08/07/2021	14:09:35	78780.42	394747.21	36.31	Soil	9,000	-0.98
08/07/2021	14:09:36	78780.18	394747.46	36.38	Soil	12,420	1.36
08/07/2021	14:09:40	78779.92	394747.48	36.31	Soil	11,220	0.54
08/07/2021	14:09:41	78779.96	394747.28	36.27	Soil	11,340	0.62
08/07/2021	14:09:42	78780.04	394747.09	36.28	Soil	12,000	1.07
08/07/2021	14:09:43	78780.06	394747.04	36.27	Soil	12,120	1.15
08/07/2021	14:09:44	78779.87	394747.17	36.27	Soil	12,060	1.11
08/07/2021	14:09:49	78779.35	394747.47	36.33	Soil	10,260	-0.12
08/07/2021	14:09:50	78779.36	394747.20	36.31	Soil	13,200	1.89
08/07/2021	14:09:51	78779.38	394747.12	36.31	Soil	11,700	0.87
08/07/2021	14:09:52	78779.21	394747.23	36.40	Soil	10,620	0.13
08/07/2021	14:09:54	78778.80	394747.78	36.52	Soil	12,000	1.07
08/07/2021	14:09:55	78778.64	394747.80	36.48	Soil	10,260	-0.12
08/07/2021	14:10:01	78778.52	394747.71	36.33	Soil	11,040	0.41
08/07/2021	14:10:02	78778.55	394747.74	36.32	Soil	11,700	0.87
08/07/2021	14:10:41	78779.29	394747.44	38.02	Soil	9,840	-0.41
08/07/2021	14:10:42	78779.29	394747.34	37.81	Soil	10,380	-0.04
08/07/2021	14:10:43	78779.38	394747.39	37.56	Soil	10,320	-0.08
08/07/2021	14:10:44	78779.30	394747.40	37.63	Soil	12,060	1.11
08/07/2021	14:10:45	78779.43	394747.51	37.66	Soil	11,280	0.58
08/07/2021	14:10:49	78780.05	394747.42	37.45	Soil	10,680	0.17
08/07/2021	14:10:50	78780.11	394747.24	37.39	Soil	11,640	0.82
08/07/2021	14:10:51	78780.16	394747.16	37.33	Soil	13,500	2.10
08/07/2021	14:10:52	78780.15	394747.28	37.37	Soil	14,520	2.79
08/07/2021	14:10:53	78780.11	394747.45	37.38	Soil	12,600	1.48
08/07/2021	14:10:54	78780.07	394747.65	37.41	Soil	11,580	0.78
08/07/2021	14:10:55	78780.12	394747.72	37.37	Soil	13,020	1.77
08/07/2021	14:10:56	78780.20	394747.58	37.34	Soil	10,620	0.13
08/07/2021	14:10:57	78780.28	394747.42	37.44	Soil	10,920	0.33
08/07/2021	14:10:58	78780.46	394747.34	37.41	Soil	10,380	-0.04
08/07/2021	14:10:59	78780.65	394747.21	37.40	Soil	13,140	1.85
08/07/2021	14:11:00	78780.78	394747.17	37.34	Soil	11,880	0.99
08/07/2021	14:11:01	78780.76	394747.25	37.19	Soil	10,500	0.04
08/07/2021	14:11:02	78780.78	394747.50	37.21	Soil	10,680	0.17
08/07/2021	14:11:03	78780.81	394747.68	37.21	Soil	10,080	-0.24
08/07/2021	14:11:04	78780.89	394747.62	37.30	Soil	10,020	-0.28
08/07/2021	14:11:05	78781.00	394747.42	37.24	Soil	11,100	0.45
08/07/2021	14:11:06	78780.96	394747.14	37.00	Soil	10,680	0.17
08/07/2021	14:11:07	78781.07	394747.05	37.08	Soil	11,760	0.91
08/07/2021	14:11:08	78781.16	394747.02	36.97	Soil	12,180	1.19
08/07/2021	14:11:09	78781.17	394747.14	36.93	Soil	10,920	0.33
08/07/2021	14:11:10	78781.13	394747.39	36.93	Soil	10,260	-0.12
08/07/2021	14:11:11	78781.09	394747.60	37.02	Soil	12,120	1.15
08/07/2021	14:11:12	78781.06	394747.65	37.09	Soil	10,380	-0.04
08/07/2021	14:11:13	78781.14	394747.48	37.10	Soil	10,200	-0.16
08/07/2021	14:11:14	78781.33	394747.23	37.20	Soil	10,440	0.00
08/07/2021	14:11:15	78781.45	394747.00	37.30	Soil	10,080	-0.24
08/07/2021	14:11:16	78781.46	394746.85	37.21	Soil	11,460	0.70
08/07/2021	14:11:17	78781.51	394747.02	37.03	Soil	10,860	0.29
08/07/2021	14:11:18	78781.54	394747.25	37.03	Soil	10,020	-0.28
08/07/2021	14:11:19	78781.47	394747.45	37.02	Soil	9,600	-0.57

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08/07/2021	14:11:20	78781.41	394747.47	37.04	Soil	12,720	1.56
08/07/2021	14:11:21	78781.44	394747.34	37.26	Soil	9,900	-0.37
08/07/2021	14:11:22	78781.60	394747.14	37.29	Soil	11,340	0.62
08/07/2021	14:11:23	78781.74	394747.01	37.28	Soil	11,160	0.50
08/07/2021	14:11:24	78781.81	394746.85	37.24	Soil	10,500	0.04
08/07/2021	14:11:25	78781.83	394746.79	37.26	Soil	10,380	-0.04
08/07/2021	14:11:26	78781.83	394746.93	37.28	Soil	10,200	-0.16
08/07/2021	14:11:27	78781.81	394747.18	37.18	Soil	10,740	0.21
08/07/2021	14:11:28	78781.67	394747.33	37.22	Soil	10,620	0.13
08/07/2021	14:11:29	78781.67	394747.38	37.37	Soil	10,680	0.17
08/07/2021	14:11:30	78782.06	394747.34	37.41	Soil	10,680	0.17
08/07/2021	14:11:31	78782.22	394747.33	37.40	Soil	10,020	-0.28
08/07/2021	14:11:32	78782.22	394747.47	37.30	Soil	9,780	-0.45
08/07/2021	14:11:33	78782.28	394747.50	37.29	Soil	10,080	-0.24
08/07/2021	14:11:34	78782.48	394747.42	37.30	Soil	10,980	0.37
08/07/2021	14:11:35	78782.69	394747.33	37.32	Soil	9,780	-0.45
08/07/2021	14:11:36	78782.78	394747.22	37.43	Soil	10,200	-0.16
08/07/2021	14:11:37	78782.77	394747.08	37.51	Soil	11,760	0.91
08/07/2021	14:11:38	78782.67	394746.93	37.29	Soil	9,900	-0.37
08/07/2021	14:11:39	78782.57	394746.96	37.13	Soil	10,200	-0.16
08/07/2021	14:11:40	78782.49	394747.16	37.06	Soil	9,840	-0.41
08/07/2021	14:11:41	78782.39	394747.41	37.14	Soil	10,620	0.13
08/07/2021	14:11:42	78782.33	394747.62	37.16	Soil	9,240	-0.82
08/07/2021	14:11:43	78782.37	394747.65	37.16	Soil	10,440	0.00
08/07/2021	14:11:44	78782.52	394747.55	37.13	Soil	10,080	-0.24
08/07/2021	14:11:45	78782.77	394747.46	37.19	Soil	10,080	-0.24
08/07/2021	14:11:46	78782.91	394747.31	37.09	Soil	10,740	0.21
08/07/2021	14:11:47	78782.92	394747.12	37.04	Soil	9,660	-0.53
08/07/2021	14:11:48	78782.91	394747.06	37.20	Soil	11,040	0.41
08/07/2021	14:11:49	78782.88	394747.15	37.29	Soil	10,440	0.00
08/07/2021	14:11:50	78782.83	394747.26	37.25	Soil	11,280	0.58
08/07/2021	14:11:51	78782.76	394747.49	37.22	Soil	10,020	-0.28
08/07/2021	14:11:52	78782.70	394747.61	37.30	Soil	10,260	-0.12
08/07/2021	14:11:53	78782.99	394747.53	37.18	Soil	11,520	0.74
08/07/2021	14:11:54	78783.25	394747.32	37.12	Soil	10,380	-0.04
08/07/2021	14:11:55	78783.39	394747.31	37.11	Soil	9,660	-0.53
08/07/2021	14:11:56	78783.50	394747.55	37.08	Soil	10,260	-0.12
08/07/2021	14:11:57	78783.60	394747.73	37.24	Soil	10,500	0.04
08/07/2021	14:11:58	78783.82	394747.57	37.32	Soil	9,780	-0.45
08/07/2021	14:11:59	78783.97	394747.34	37.49	Soil	11,580	0.78
08/07/2021	14:12:00	78783.95	394747.28	37.53	Soil	11,040	0.41
08/07/2021	14:12:01	78783.96	394747.48	37.51	Soil	11,520	0.74
08/07/2021	14:12:02	78784.06	394747.54	37.51	Soil	10,920	0.33
08/07/2021	14:12:03	78784.37	394747.31	37.63	Soil	10,020	-0.28
08/07/2021	14:12:04	78784.55	394747.12	37.78	Soil	11,160	0.50
08/07/2021	14:12:05	78784.40	394746.89	37.84	Soil	10,620	0.13
08/07/2021	14:12:06	78784.25	394746.93	37.91	Soil	9,660	-0.53
08/07/2021	14:12:07	78784.21	394746.89	37.79	Soil	10,860	0.29
08/07/2021	14:12:08	78784.20	394747.00	37.74	Soil	9,540	-0.61
08/07/2021	14:12:09	78784.21	394747.23	37.80	Soil	10,440	0.00
08/07/2021	14:12:10	78784.29	394747.21	37.72	Soil	10,440	0.00

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08/07/2021	14:12:11	78784.43	394747.11	37.75	Soil	10,440	0.00
08/07/2021	14:12:12	78784.59	394747.04	37.70	Soil	11,520	0.74
08/07/2021	14:12:13	78784.71	394747.12	37.59	Soil	10,380	-0.04
08/07/2021	14:12:14	78784.80	394747.38	37.56	Soil	11,940	1.03
08/07/2021	14:12:15	78784.86	394747.51	37.49	Soil	10,620	0.13
08/07/2021	14:12:16	78785.06	394747.41	37.42	Soil	11,640	0.82
08/07/2021	14:12:17	78785.23	394747.18	37.34	Soil	11,100	0.45
08/07/2021	14:12:18	78785.39	394747.12	37.30	Soil	12,420	1.36
08/07/2021	14:12:19	78785.54	394747.35	37.28	Soil	9,720	-0.49
08/07/2021	14:12:20	78785.60	394747.54	37.36	Soil	10,620	0.13
08/07/2021	14:12:21	78785.82	394747.35	37.23	Soil	12,000	1.07
08/07/2021	14:12:22	78785.98	394747.15	37.15	Soil	10,860	0.29
08/07/2021	14:12:23	78786.12	394747.19	37.22	Soil	11,820	0.95
08/07/2021	14:12:24	78786.24	394747.50	37.14	Soil	11,760	0.91
08/07/2021	14:12:25	78786.33	394747.70	37.25	Soil	10,680	0.17
08/07/2021	14:12:26	78786.58	394747.52	37.17	Soil	10,800	0.25
08/07/2021	14:12:27	78786.68	394747.38	37.27	Soil	10,860	0.29
08/07/2021	14:12:28	78786.77	394747.26	37.27	Soil	11,400	0.66
08/07/2021	14:12:29	78786.85	394747.54	37.31	Soil	11,460	0.70
08/07/2021	14:12:30	78787.09	394747.57	37.39	Soil	10,920	0.33
08/07/2021	14:12:31	78787.25	394747.33	37.55	Soil	10,560	0.09
08/07/2021	14:12:32	78787.45	394747.32	37.64	Soil	11,340	0.62
08/07/2021	14:12:33	78787.62	394747.54	37.58	Soil	12,240	1.23
08/07/2021	14:12:34	78787.79	394747.52	37.54	Soil	10,800	0.25
08/07/2021	14:12:35	78788.00	394747.37	37.59	Soil	12,060	1.11
08/07/2021	14:12:36	78788.20	394747.54	37.70	Soil	13,020	1.77
08/07/2021	14:12:43	78788.16	394747.09	37.63	Soil	10,680	0.17
08/07/2021	14:12:44	78787.99	394746.95	37.52	Soil	10,740	0.21
08/07/2021	14:12:45	78787.92	394746.72	37.47	Soil	11,760	0.91
08/07/2021	14:12:46	78787.90	394746.62	37.40	Soil	10,620	0.13
08/07/2021	14:12:47	78787.84	394746.80	37.50	Soil	11,280	0.58
08/07/2021	14:12:48	78787.87	394747.03	37.55	Soil	10,920	0.33
08/07/2021	14:12:49	78787.96	394746.98	37.57	Soil	12,240	1.23
08/07/2021	14:12:50	78788.13	394746.71	37.49	Soil	10,560	0.09
08/07/2021	14:12:51	78787.98	394746.86	37.46	Soil	10,920	0.33
08/07/2021	14:12:52	78787.72	394747.06	37.45	Soil	10,440	0.00
08/07/2021	14:12:53	78787.59	394746.86	37.43	Soil	9,840	-0.41
08/07/2021	14:12:54	78787.52	394746.69	37.47	Soil	10,320	-0.08
08/07/2021	14:12:55	78787.36	394746.87	37.49	Soil	10,680	0.17
08/07/2021	14:12:56	78787.18	394747.08	37.51	Soil	10,620	0.13
08/07/2021	14:12:57	78787.09	394747.15	37.47	Soil	11,460	0.70
08/07/2021	14:12:58	78787.05	394746.88	37.39	Soil	8,880	-1.06
08/07/2021	14:13:01	78786.92	394746.71	37.39	Soil	10,560	0.09
08/07/2021	14:13:02	78786.71	394746.93	37.41	Soil	11,520	0.74
08/07/2021	14:13:03	78786.57	394747.09	37.32	Soil	9,360	-0.74
08/07/2021	14:13:04	78786.43	394747.09	37.33	Soil	10,800	0.25
08/07/2021	14:13:05	78786.37	394747.25	37.25	Soil	10,380	-0.04
08/07/2021	14:13:06	78786.35	394747.31	37.07	Soil	10,560	0.09
08/07/2021	14:13:07	78786.41	394747.06	37.00	Soil	10,980	0.37
08/07/2021	14:13:08	78786.45	394746.81	36.84	Soil	9,900	-0.37
08/07/2021	14:13:09	78786.36	394746.74	36.69	Soil	10,320	-0.08

SU 7B GWS RESULTS

08/07/2021	14:13:10	78786.14	394746.94	36.65	Soil	10,680	0.17
08/07/2021	14:13:11	78786.04	394747.13	36.70	Soil	9,900	-0.37
08/07/2021	14:13:12	78785.96	394747.27	36.71	Soil	10,920	0.33
08/07/2021	14:13:13	78785.89	394747.24	36.62	Soil	10,440	0.00
08/07/2021	14:13:14	78785.84	394746.91	36.65	Soil	11,100	0.45
08/07/2021	14:13:15	78785.92	394746.58	36.59	Soil	10,500	0.04
08/07/2021	14:13:16	78785.87	394746.66	36.58	Soil	11,580	0.78
08/07/2021	14:13:17	78785.65	394746.99	36.63	Soil	10,620	0.13
08/07/2021	14:13:18	78785.50	394747.17	36.53	Soil	12,420	1.36
08/07/2021	14:13:19	78785.42	394747.03	36.53	Soil	9,420	-0.69
08/07/2021	14:13:20	78785.43	394746.82	36.54	Soil	10,860	0.29
08/07/2021	14:13:21	78785.40	394746.73	36.67	Soil	10,680	0.17
08/07/2021	14:13:22	78785.07	394746.91	36.80	Soil	9,600	-0.57
08/07/2021	14:13:23	78784.83	394747.10	36.86	Soil	10,320	-0.08
08/07/2021	14:13:24	78784.76	394747.14	36.72	Soil	11,340	0.62
08/07/2021	14:13:25	78784.72	394746.90	36.69	Soil	10,440	0.00
08/07/2021	14:13:26	78784.73	394746.63	36.73	Soil	10,980	0.37
08/07/2021	14:13:27	78784.52	394746.71	36.90	Soil	10,380	-0.04
08/07/2021	14:13:28	78784.27	394747.03	36.98	Soil	10,140	-0.20
08/07/2021	14:13:29	78784.12	394747.21	36.92	Soil	9,900	-0.37
08/07/2021	14:13:30	78784.07	394746.97	36.87	Soil	10,440	0.00
08/07/2021	14:13:31	78784.14	394746.60	36.90	Soil	10,020	-0.28
08/07/2021	14:13:32	78783.98	394746.54	37.01	Soil	10,500	0.04
08/07/2021	14:13:33	78783.66	394746.82	37.05	Soil	11,580	0.78
08/07/2021	14:13:34	78783.49	394747.02	37.00	Soil	10,740	0.21
08/07/2021	14:13:35	78783.37	394746.86	36.91	Soil	9,300	-0.78
08/07/2021	14:13:36	78783.37	394746.55	36.91	Soil	9,420	-0.69
08/07/2021	14:13:37	78783.32	394746.56	36.93	Soil	10,740	0.21
08/07/2021	14:13:38	78783.17	394746.65	36.92	Soil	10,920	0.33
08/07/2021	14:13:39	78783.11	394746.45	36.94	Soil	9,960	-0.32
08/07/2021	14:13:40	78782.95	394746.58	37.06	Soil	11,400	0.66
08/07/2021	14:13:41	78782.85	394746.92	37.31	Soil	10,500	0.04
08/07/2021	14:13:42	78782.80	394746.83	37.24	Soil	10,860	0.29
08/07/2021	14:13:43	78782.68	394746.46	37.33	Soil	9,660	-0.53
08/07/2021	14:13:44	78782.51	394746.32	37.48	Soil	8,640	-1.23
08/07/2021	14:13:45	78782.25	394746.58	37.52	Soil	10,860	0.29
08/07/2021	14:13:46	78782.02	394746.54	37.47	Soil	9,240	-0.82
08/07/2021	14:13:47	78781.87	394746.28	37.56	Soil	9,780	-0.45
08/07/2021	14:13:48	78781.67	394746.34	37.64	Soil	10,800	0.25
08/07/2021	14:13:49	78781.47	394746.47	37.66	Soil	9,900	-0.37
08/07/2021	14:13:50	78781.31	394746.24	37.71	Soil	9,840	-0.41
08/07/2021	14:13:51	78781.22	394746.16	37.89	Soil	9,840	-0.41
08/07/2021	14:13:52	78781.03	394746.48	37.96	Soil	10,740	0.21
08/07/2021	14:13:53	78780.95	394746.73	37.94	Soil	9,900	-0.37
08/07/2021	14:13:54	78780.90	394746.69	37.94	Soil	11,220	0.54
08/07/2021	14:13:55	78780.88	394746.64	37.92	Soil	10,440	0.00
08/07/2021	14:13:56	78780.78	394746.49	37.91	Soil	11,940	1.03
08/07/2021	14:13:57	78780.75	394746.27	37.92	Soil	10,620	0.13
08/07/2021	14:13:58	78780.46	394746.40	37.77	Soil	10,680	0.17
08/07/2021	14:13:59	78780.24	394746.40	37.71	Soil	11,820	0.95
08/07/2021	14:14:00	78780.19	394746.18	37.81	Soil	10,080	-0.24

SU 7B GWS RESULTS

08/07/2021	14:14:01	78780.01	394746.34	37.90	Soil	12,000	1.07
08/07/2021	14:14:02	78779.87	394746.54	37.79	Soil	12,600	1.48
08/07/2021	14:14:03	78779.75	394746.39	37.78	Soil	11,820	0.95
08/07/2021	14:14:04	78779.59	394746.23	37.81	Soil	10,740	0.21
08/07/2021	14:14:05	78779.46	394746.44	37.75	Soil	11,820	0.95
08/07/2021	14:14:06	78779.35	394746.42	37.82	Soil	9,300	-0.78
08/07/2021	14:14:07	78779.34	394746.03	37.82	Soil	9,240	-0.82
08/07/2021	14:14:08	78779.19	394746.28	37.82	Soil	10,620	0.13
08/07/2021	14:14:09	78779.08	394746.73	37.75	Soil	11,160	0.50
08/07/2021	14:14:10	78779.03	394746.87	37.76	Soil	10,140	-0.20
08/07/2021	14:14:11	78778.96	394746.82	37.75	Soil	11,100	0.45
08/07/2021	14:14:49	78777.13	394746.69	34.46	Soil	10,380	-0.04
08/07/2021	14:14:53	78778.08	394746.44	35.22	Soil	9,660	-0.53
08/07/2021	14:15:01	78778.91	394746.36	35.78	Soil	12,000	1.07
08/07/2021	14:15:03	78779.12	394746.12	36.11	Soil	11,100	0.45
08/07/2021	14:15:04	78779.35	394746.51	36.26	Soil	11,940	1.03
08/07/2021	14:15:05	78779.46	394746.94	36.26	Soil	11,280	0.58
08/07/2021	14:15:06	78779.61	394746.98	36.25	Soil	11,160	0.50
08/07/2021	14:15:07	78779.85	394746.67	36.30	Soil	11,160	0.50
08/07/2021	14:15:08	78780.01	394746.36	36.34	Soil	9,900	-0.37
08/07/2021	14:15:09	78780.08	394746.46	36.44	Soil	11,040	0.41
08/07/2021	14:15:10	78780.11	394746.79	36.55	Soil	10,860	0.29
08/07/2021	14:15:11	78780.03	394747.22	36.53	Soil	9,900	-0.37
08/07/2021	14:15:12	78780.00	394747.36	36.49	Soil	11,760	0.91
08/07/2021	14:15:13	78780.30	394747.08	36.45	Soil	10,620	0.13
08/07/2021	14:15:14	78780.57	394746.70	36.47	Soil	10,800	0.25
08/07/2021	14:15:15	78780.66	394746.33	36.46	Soil	10,800	0.25
08/07/2021	14:15:16	78780.74	394746.22	36.51	Soil	11,220	0.54
08/07/2021	14:15:17	78780.86	394746.16	36.49	Soil	9,900	-0.37
08/07/2021	14:15:18	78781.00	394746.37	36.58	Soil	11,160	0.50
08/07/2021	14:15:19	78781.09	394746.87	36.69	Soil	12,240	1.23
08/07/2021	14:15:20	78781.13	394747.26	36.66	Soil	10,320	-0.08
08/07/2021	14:15:21	78781.29	394747.07	36.62	Soil	9,480	-0.65
08/07/2021	14:15:22	78781.47	394746.75	36.59	Soil	10,020	-0.28
08/07/2021	14:15:23	78781.56	394746.38	36.56	Soil	9,180	-0.86
08/07/2021	14:15:24	78781.57	394746.05	36.58	Soil	9,480	-0.65
08/07/2021	14:15:25	78781.64	394746.10	36.67	Soil	10,380	-0.04
08/07/2021	14:15:26	78781.79	394746.48	36.76	Soil	9,600	-0.57
08/07/2021	14:15:27	78781.81	394746.95	36.79	Soil	10,200	-0.16
08/07/2021	14:15:28	78781.66	394747.31	36.83	Soil	10,440	0.00
08/07/2021	14:15:29	78781.85	394747.25	36.75	Soil	11,040	0.41
08/07/2021	14:15:30	78782.19	394746.86	36.68	Soil	9,240	-0.82
08/07/2021	14:15:31	78782.30	394746.39	36.64	Soil	8,400	-1.39
08/07/2021	14:15:32	78782.42	394746.21	36.67	Soil	9,720	-0.49
08/07/2021	14:15:33	78782.58	394746.38	36.76	Soil	9,660	-0.53
08/07/2021	14:15:34	78782.76	394746.83	36.88	Soil	10,740	0.21
08/07/2021	14:15:35	78782.74	394747.36	36.87	Soil	10,500	0.04
08/07/2021	14:15:36	78782.71	394747.59	36.87	Soil	9,780	-0.45
08/07/2021	14:15:37	78782.90	394747.34	36.75	Soil	11,280	0.58
08/07/2021	14:15:38	78783.05	394746.93	36.67	Soil	9,180	-0.86
08/07/2021	14:15:39	78783.10	394746.45	36.62	Soil	9,960	-0.32

SU 7B GWS RESULTS

08/07/2021	14:15:40	78783.10	394746.31	36.66	Soil	10,440	0.00
08/07/2021	14:15:41	78783.17	394746.47	36.79	Soil	11,520	0.74
08/07/2021	14:15:42	78783.28	394746.94	36.91	Soil	11,640	0.82
08/07/2021	14:15:43	78783.28	394747.28	36.81	Soil	10,740	0.21
08/07/2021	14:15:44	78783.46	394746.99	36.73	Soil	10,680	0.17
08/07/2021	14:15:45	78783.59	394746.45	36.72	Soil	9,900	-0.37
08/07/2021	14:15:46	78783.67	394746.09	36.78	Soil	10,680	0.17
08/07/2021	14:15:47	78783.88	394746.22	36.85	Soil	11,580	0.78
08/07/2021	14:15:48	78784.02	394746.59	36.90	Soil	10,560	0.09
08/07/2021	14:15:49	78784.06	394746.99	36.89	Soil	10,560	0.09
08/07/2021	14:15:50	78784.03	394747.29	36.81	Soil	9,960	-0.32
08/07/2021	14:15:51	78784.19	394747.26	36.74	Soil	9,360	-0.74
08/07/2021	14:15:52	78784.43	394746.86	36.70	Soil	10,200	-0.16
08/07/2021	14:15:53	78784.47	394746.42	36.65	Soil	11,100	0.45
08/07/2021	14:15:54	78784.48	394746.14	36.60	Soil	11,400	0.66
08/07/2021	14:15:55	78784.40	394745.97	36.62	Soil	10,140	-0.20
08/07/2021	14:15:56	78784.42	394746.02	36.67	Soil	10,320	-0.08
08/07/2021	14:15:57	78784.69	394746.41	36.73	Soil	10,680	0.17
08/07/2021	14:15:58	78784.84	394746.92	36.85	Soil	9,960	-0.32
08/07/2021	14:15:59	78784.75	394747.33	36.78	Soil	9,720	-0.49
08/07/2021	14:16:00	78784.93	394747.24	36.69	Soil	12,480	1.40
08/07/2021	14:16:01	78785.19	394746.81	36.65	Soil	12,180	1.19
08/07/2021	14:16:02	78785.24	394746.35	36.65	Soil	11,160	0.50
08/07/2021	14:16:03	78785.32	394746.12	36.62	Soil	9,420	-0.69
08/07/2021	14:16:04	78785.52	394746.23	36.67	Soil	10,500	0.04
08/07/2021	14:16:05	78785.70	394746.60	36.71	Soil	12,120	1.15
08/07/2021	14:16:06	78785.78	394747.00	36.74	Soil	10,560	0.09
08/07/2021	14:16:07	78785.72	394747.30	36.72	Soil	11,220	0.54
08/07/2021	14:16:08	78785.71	394747.37	36.68	Soil	10,320	-0.08
08/07/2021	14:16:09	78785.77	394747.19	36.65	Soil	10,200	-0.16
08/07/2021	14:16:10	78785.85	394747.03	36.69	Soil	11,820	0.95
08/07/2021	14:16:11	78785.91	394746.63	36.68	Soil	10,680	0.17
08/07/2021	14:16:12	78785.97	394746.30	36.68	Soil	10,860	0.29
08/07/2021	14:16:13	78786.08	394746.35	36.69	Soil	11,160	0.50
08/07/2021	14:16:14	78786.12	394746.47	36.78	Soil	12,120	1.15
08/07/2021	14:16:15	78786.25	394746.72	36.83	Soil	10,380	-0.04
08/07/2021	14:16:16	78786.38	394747.09	36.83	Soil	11,760	0.91
08/07/2021	14:16:17	78786.48	394746.75	36.87	Soil	10,080	-0.24
08/07/2021	14:16:20	78787.00	394747.01	36.90	Soil	10,440	0.00
08/07/2021	14:16:21	78787.22	394746.78	36.90	Soil	10,860	0.29
08/07/2021	14:16:23	78787.55	394746.79	36.92	Soil	10,200	-0.16
08/07/2021	14:16:24	78787.78	394746.76	36.93	Soil	10,740	0.21
08/07/2021	14:16:25	78787.96	394746.70	37.12	Soil	10,020	-0.28
08/07/2021	14:16:28	78787.94	394746.68	37.01	Soil	11,580	0.78
08/07/2021	14:16:29	78787.83	394746.88	37.13	Soil	9,900	-0.37
08/07/2021	14:16:30	78787.88	394747.11	37.18	Soil	11,460	0.70
08/07/2021	14:16:31	78787.67	394747.22	37.17	Soil	12,840	1.65
08/07/2021	14:16:32	78787.48	394746.85	37.16	Soil	9,660	-0.53
08/07/2021	14:16:37	78787.04	394746.83	37.08	Soil	11,340	0.62
08/07/2021	14:16:38	78786.96	394746.94	37.03	Soil	9,060	-0.94
08/07/2021	14:16:44	78786.23	394746.80	36.84	Soil	10,680	0.17

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08/07/2021	14:16:45	78786.13	394746.82	36.77	Soil	10,980	0.37
08/07/2021	14:16:46	78786.01	394746.57	36.75	Soil	10,440	0.00
08/07/2021	14:16:47	78785.92	394746.09	36.68	Soil	9,780	-0.45
08/07/2021	14:16:48	78785.92	394745.74	36.67	Soil	9,900	-0.37
08/07/2021	14:16:49	78785.74	394745.86	36.72	Soil	9,780	-0.45
08/07/2021	14:16:50	78785.56	394746.30	36.75	Soil	10,200	-0.16
08/07/2021	14:16:51	78785.51	394746.72	36.69	Soil	10,320	-0.08
08/07/2021	14:16:52	78785.39	394746.57	36.60	Soil	10,680	0.17
08/07/2021	14:16:53	78785.31	394746.28	36.54	Soil	9,720	-0.49
08/07/2021	14:16:54	78785.31	394745.95	36.54	Soil	9,300	-0.78
08/07/2021	14:16:55	78785.26	394745.70	36.61	Soil	10,560	0.09
08/07/2021	14:16:56	78785.12	394745.86	36.63	Soil	10,140	-0.20
08/07/2021	14:16:57	78785.04	394746.25	36.72	Soil	9,480	-0.65
08/07/2021	14:16:58	78785.08	394746.67	36.59	Soil	11,100	0.45
08/07/2021	14:16:59	78784.88	394746.51	36.58	Soil	12,480	1.40
08/07/2021	14:17:00	78784.68	394746.15	36.60	Soil	12,000	1.07
08/07/2021	14:17:01	78784.68	394745.75	36.56	Soil	10,680	0.17
08/07/2021	14:17:02	78784.73	394745.76	36.58	Soil	10,740	0.21
08/07/2021	14:17:03	78784.74	394745.94	36.59	Soil	10,560	0.09
08/07/2021	14:17:04	78784.76	394745.99	36.60	Soil	12,600	1.48
08/07/2021	14:17:17	78784.66	394746.23	36.67	Soil	10,200	-0.16
08/07/2021	14:17:18	78784.64	394746.13	36.57	Soil	10,560	0.09
08/07/2021	14:17:19	78784.68	394745.64	36.62	Soil	11,940	1.03
08/07/2021	14:17:20	78784.65	394745.57	36.68	Soil	10,140	-0.20
08/07/2021	14:17:21	78784.53	394746.10	36.76	Soil	10,620	0.13
08/07/2021	14:17:22	78784.50	394746.59	36.72	Soil	11,280	0.58
08/07/2021	14:17:23	78784.34	394746.51	36.64	Soil	10,380	-0.04
08/07/2021	14:17:24	78784.15	394746.15	36.63	Soil	10,020	-0.28
08/07/2021	14:17:25	78784.04	394745.79	36.66	Soil	11,280	0.58
08/07/2021	14:17:28	78783.80	394745.79	36.77	Soil	11,160	0.50
08/07/2021	14:17:29	78783.74	394746.31	36.78	Soil	10,020	-0.28
08/07/2021	14:17:30	78783.69	394746.55	36.81	Soil	9,600	-0.57
08/07/2021	14:17:31	78783.51	394746.24	36.76	Soil	11,460	0.70
08/07/2021	14:17:32	78783.36	394745.81	36.72	Soil	11,700	0.87
08/07/2021	14:17:33	78783.30	394745.57	36.75	Soil	10,620	0.13
08/07/2021	14:17:34	78783.17	394745.72	36.83	Soil	9,960	-0.32
08/07/2021	14:17:35	78783.05	394746.14	36.78	Soil	9,240	-0.82
08/07/2021	14:17:43	78783.17	394746.45	36.83	Soil	10,260	-0.12
08/07/2021	14:17:44	78783.16	394746.45	36.81	Soil	11,580	0.78
08/07/2021	14:17:45	78783.01	394746.35	36.75	Soil	10,740	0.21
08/07/2021	14:17:46	78782.81	394745.89	36.70	Soil	9,660	-0.53
08/07/2021	14:17:48	78782.64	394745.87	36.81	Soil	12,060	1.11
08/07/2021	14:17:49	78782.67	394746.42	36.80	Soil	10,140	-0.20
08/07/2021	14:17:50	78782.53	394746.49	36.72	Soil	8,880	-1.06
08/07/2021	14:17:51	78782.35	394746.17	36.67	Soil	9,000	-0.98
08/07/2021	14:17:52	78782.27	394745.77	36.63	Soil	8,280	-1.47
08/07/2021	14:17:53	78782.27	394745.56	36.63	Soil	8,820	-1.10
08/07/2021	14:17:54	78782.21	394745.66	36.65	Soil	9,660	-0.53
08/07/2021	14:17:55	78782.16	394746.13	36.73	Soil	8,940	-1.02
08/07/2021	14:17:56	78782.26	394746.42	36.65	Soil	10,080	-0.24
08/07/2021	14:17:57	78782.12	394746.27	36.63	Soil	8,880	-1.06

SU 7B GWS RESULTS

08/07/2021	14:17:58	78781.91	394745.85	36.67	Soil	10,260	-0.12
08/07/2021	14:17:59	78781.79	394745.66	36.79	Soil	8,880	-1.06
08/07/2021	14:18:00	78781.67	394746.08	36.81	Soil	9,240	-0.82
08/07/2021	14:18:01	78781.67	394746.43	36.78	Soil	9,480	-0.65
08/07/2021	14:18:02	78781.49	394746.28	36.82	Soil	9,300	-0.78
08/07/2021	14:18:03	78781.20	394746.02	36.84	Soil	9,720	-0.49
08/07/2021	14:18:04	78781.01	394746.18	36.81	Soil	8,880	-1.06
08/07/2021	14:18:05	78781.15	394746.53	36.76	Soil	9,960	-0.32
08/07/2021	14:18:06	78781.17	394746.54	36.74	Soil	10,500	0.04
08/07/2021	14:18:07	78781.02	394746.10	36.71	Soil	10,680	0.17
08/07/2021	14:18:09	78780.76	394745.75	36.80	Soil	8,400	-1.39
08/07/2021	14:18:10	78780.69	394746.23	36.76	Soil	11,040	0.41
08/07/2021	14:18:11	78780.67	394746.42	36.76	Soil	10,260	-0.12
08/07/2021	14:18:12	78780.58	394746.38	36.77	Soil	11,220	0.54
08/07/2021	14:18:13	78780.43	394746.36	36.67	Soil	10,860	0.29
08/07/2021	14:18:14	78780.27	394746.09	36.60	Soil	9,300	-0.78
08/07/2021	14:18:15	78780.13	394745.80	36.59	Soil	10,020	-0.28
08/07/2021	14:18:16	78780.07	394745.82	36.58	Soil	10,740	0.21
08/07/2021	14:18:17	78780.04	394745.91	36.71	Soil	8,400	-1.39
08/07/2021	14:18:18	78779.97	394746.24	36.70	Soil	12,960	1.73
08/07/2021	14:18:19	78779.82	394746.46	36.65	Soil	10,560	0.09
08/07/2021	14:18:20	78779.65	394746.16	36.66	Soil	11,160	0.50
08/07/2021	14:18:22	78779.27	394746.10	36.84	Soil	11,580	0.78
08/07/2021	14:18:23	78779.19	394746.40	36.77	Soil	12,240	1.23
08/07/2021	14:18:24	78779.08	394746.14	36.76	Soil	10,680	0.17
08/07/2021	14:19:24	78779.13	394746.08	36.36	Soil	9,000	-0.98
08/07/2021	14:19:26	78779.27	394745.67	36.46	Soil	11,340	0.62
08/07/2021	14:19:29	78779.51	394746.00	36.75	Soil	12,180	1.19
08/07/2021	14:19:30	78779.40	394746.39	36.78	Soil	10,380	-0.04
08/07/2021	14:19:31	78779.11	394746.45	36.82	Soil	10,980	0.37
08/07/2021	14:19:32	78778.84	394746.32	36.78	Soil	10,920	0.33
08/07/2021	14:19:33	78778.86	394746.11	36.68	Soil	10,620	0.13
08/07/2021	14:19:35	78778.93	394746.31	36.71	Soil	10,200	-0.16
08/07/2021	14:19:36	78778.92	394746.51	36.68	Soil	9,780	-0.45
08/07/2021	14:19:37	78779.02	394746.51	36.79	Soil	11,040	0.41
08/07/2021	14:19:38	78778.96	394746.49	36.84	Soil	10,320	-0.08
08/07/2021	14:19:39	78778.77	394746.47	36.77	Soil	10,680	0.17
08/07/2021	14:19:40	78778.87	394746.39	36.75	Soil	12,480	1.40
08/07/2021	14:19:41	78779.28	394746.25	36.73	Soil	12,240	1.23
08/07/2021	14:19:42	78779.67	394746.05	36.77	Soil	10,980	0.37
08/07/2021	14:19:43	78779.82	394746.22	36.82	Soil	10,860	0.29
08/07/2021	14:19:44	78779.76	394746.56	36.73	Soil	11,760	0.91
08/07/2021	14:19:45	78779.83	394746.53	36.72	Soil	10,140	-0.20
08/07/2021	14:19:46	78780.08	394746.24	36.66	Soil	10,020	-0.28
08/07/2021	14:19:47	78780.30	394746.04	36.67	Soil	9,660	-0.53
08/07/2021	14:19:48	78780.42	394746.16	36.68	Soil	10,260	-0.12
08/07/2021	14:19:49	78780.39	394746.46	36.58	Soil	11,100	0.45
08/07/2021	14:19:50	78780.39	394746.53	36.57	Soil	10,920	0.33
08/07/2021	14:19:51	78780.51	394746.33	36.57	Soil	9,180	-0.86
08/07/2021	14:19:52	78780.77	394745.95	36.54	Soil	8,760	-1.15
08/07/2021	14:19:53	78781.00	394745.68	36.50	Soil	9,900	-0.37

SU 7B GWS RESULTS

08/07/2021	14:19:54	78781.04	394745.94	36.52	Soil	10,140	-0.20
08/07/2021	14:19:55	78781.02	394746.27	36.56	Soil	11,340	0.62
08/07/2021	14:19:56	78781.07	394746.36	36.53	Soil	11,940	1.03
08/07/2021	14:19:57	78781.19	394746.23	36.52	Soil	9,060	-0.94
08/07/2021	14:19:58	78781.29	394745.97	36.60	Soil	10,920	0.33
08/07/2021	14:19:59	78781.43	394745.69	36.62	Soil	11,280	0.58
08/07/2021	14:20:00	78781.58	394745.79	36.71	Soil	9,180	-0.86
08/07/2021	14:20:01	78781.56	394746.16	36.73	Soil	9,900	-0.37
08/07/2021	14:20:02	78781.53	394746.37	36.68	Soil	10,800	0.25
08/07/2021	14:20:03	78781.69	394746.21	36.76	Soil	11,040	0.41
08/07/2021	14:20:04	78782.02	394745.87	36.72	Soil	11,160	0.50
08/07/2021	14:20:05	78782.27	394745.71	36.75	Soil	8,880	-1.06
08/07/2021	14:20:06	78782.29	394746.04	36.81	Soil	10,620	0.13
08/07/2021	14:20:07	78782.21	394746.38	36.79	Soil	10,920	0.33
08/07/2021	14:20:08	78782.27	394746.36	36.81	Soil	10,320	-0.08
08/07/2021	14:20:09	78782.41	394746.14	36.85	Soil	9,660	-0.53
08/07/2021	14:20:10	78782.51	394745.86	36.87	Soil	9,420	-0.69
08/07/2021	14:20:12	78782.68	394745.68	36.81	Soil	10,020	-0.28
08/07/2021	14:20:13	78782.80	394746.02	36.83	Soil	9,840	-0.41
08/07/2021	14:20:14	78782.82	394746.37	36.84	Soil	10,020	-0.28
08/07/2021	14:20:15	78782.90	394746.54	36.86	Soil	10,500	0.04
08/07/2021	14:20:16	78783.08	394746.48	36.78	Soil	10,740	0.21
08/07/2021	14:20:17	78783.27	394746.21	36.69	Soil	10,560	0.09
08/07/2021	14:20:18	78783.47	394745.87	36.65	Soil	11,040	0.41
08/07/2021	14:20:19	78783.68	394745.73	36.68	Soil	10,620	0.13
08/07/2021	14:20:20	78783.87	394745.88	36.73	Soil	11,040	0.41
08/07/2021	14:20:21	78783.94	394746.23	36.82	Soil	12,240	1.23
08/07/2021	14:20:22	78783.88	394746.50	36.79	Soil	9,480	-0.65
08/07/2021	14:20:23	78783.98	394746.40	36.77	Soil	11,700	0.87
08/07/2021	14:20:24	78784.29	394746.13	36.70	Soil	10,800	0.25
08/07/2021	14:20:25	78784.54	394746.01	36.75	Soil	12,840	1.65
08/07/2021	14:20:26	78784.66	394746.34	36.76	Soil	10,560	0.09
08/07/2021	14:20:27	78784.70	394746.56	36.76	Soil	11,100	0.45
08/07/2021	14:20:28	78784.89	394746.43	36.62	Soil	11,760	0.91
08/07/2021	14:20:29	78785.22	394746.08	36.50	Soil	12,060	1.11
08/07/2021	14:20:30	78785.43	394745.94	36.51	Soil	12,060	1.11
08/07/2021	14:20:31	78785.53	394746.27	36.61	Soil	11,160	0.50
08/07/2021	14:20:32	78785.64	394746.52	36.61	Soil	10,680	0.17
08/07/2021	14:20:33	78785.83	394746.35	36.59	Soil	11,580	0.78
08/07/2021	14:20:34	78786.10	394746.14	36.65	Soil	9,660	-0.53
08/07/2021	14:22:18	78786.11	394745.64	36.45	Soil	8,820	-1.10
08/07/2021	14:22:19	78786.01	394745.93	36.39	Soil	8,940	-1.02
08/07/2021	14:22:20	78785.97	394745.96	36.31	Soil	8,760	-1.15
08/07/2021	14:22:21	78785.90	394745.76	36.16	Soil	9,720	-0.49
08/07/2021	14:22:22	78785.87	394745.52	36.06	Soil	9,540	-0.61
08/07/2021	14:22:29	78785.76	394745.51	36.34	Soil	10,500	0.04
08/07/2021	14:22:30	78785.54	394745.64	36.22	Soil	11,040	0.41
08/07/2021	14:22:31	78785.45	394745.55	36.14	Soil	10,980	0.37
08/07/2021	14:22:32	78785.52	394745.34	36.14	Soil	10,020	-0.28
08/07/2021	14:22:33	78785.58	394745.19	36.13	Soil	11,520	0.74
08/07/2021	14:22:34	78785.59	394745.10	36.14	Soil	10,980	0.37

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08/07/2021	14:22:35	78785.56	394745.09	36.14	Soil	10,080	-0.24
08/07/2021	14:22:36	78785.58	394745.02	36.12	Soil	10,500	0.04
08/07/2021	14:22:38	78785.51	394745.03	36.35	Soil	11,820	0.95
08/07/2021	14:22:39	78785.33	394745.31	36.42	Soil	11,580	0.78
08/07/2021	14:22:40	78785.08	394745.64	36.37	Soil	11,400	0.66
08/07/2021	14:22:41	78784.93	394745.64	36.32	Soil	11,580	0.78
08/07/2021	14:22:42	78784.85	394745.34	36.21	Soil	11,160	0.50
08/07/2021	14:22:43	78784.89	394745.14	36.08	Soil	9,840	-0.41
08/07/2021	14:22:44	78784.93	394744.96	36.11	Soil	9,000	-0.98
08/07/2021	14:22:46	78784.92	394745.06	36.41	Soil	8,640	-1.23
08/07/2021	14:22:47	78784.83	394745.28	36.42	Soil	9,780	-0.45
08/07/2021	14:22:48	78784.63	394745.58	36.39	Soil	11,340	0.62
08/07/2021	14:22:49	78784.50	394745.68	36.44	Soil	12,360	1.32
08/07/2021	14:22:50	78784.41	394745.63	36.45	Soil	11,940	1.03
08/07/2021	14:22:51	78784.40	394745.41	36.44	Soil	10,320	-0.08
08/07/2021	14:23:02	78784.19	394745.51	36.65	Soil	9,780	-0.45
08/07/2021	14:23:03	78784.06	394745.65	36.57	Soil	9,840	-0.41
08/07/2021	14:23:09	78783.54	394745.58	36.56	Soil	11,100	0.45
08/07/2021	14:23:29	78783.32	394745.67	36.52	Soil	9,480	-0.65
08/07/2021	14:23:30	78783.24	394745.65	36.43	Soil	9,300	-0.78
08/07/2021	14:41:07	78787.67	394731.22	38.39	Soil	8,400	-1.39
08/07/2021	14:42:41	78784.60	394738.56	34.85	Soil	12,780	1.60
08/07/2021	14:43:48	78781.49	394736.75	34.76	Soil	13,560	2.14
08/07/2021	14:43:49	78781.19	394736.85	34.98	Soil	10,500	0.04
08/07/2021	14:43:50	78781.33	394736.92	34.98	Soil	11,640	0.82
08/07/2021	14:43:51	78781.30	394736.88	35.33	Soil	8,760	-1.15
08/07/2021	14:43:52	78781.39	394736.78	34.99	Soil	10,140	-0.20
08/07/2021	14:43:53	78781.47	394736.61	35.19	Soil	9,960	-0.32
08/07/2021	14:43:54	78781.46	394736.49	36.03	Soil	11,940	1.03
08/07/2021	14:43:55	78780.94	394736.27	36.62	Soil	13,080	1.81
08/07/2021	14:43:56	78780.99	394735.77	36.62	Soil	13,800	2.30
08/07/2021	14:43:57	78781.73	394735.57	36.21	Soil	13,320	1.97
08/07/2021	14:50:59	78781.01	394737.24	34.10	Soil	9,480	-0.65
08/07/2021	14:51:00	78781.00	394737.26	34.02	Soil	9,660	-0.53
08/07/2021	14:51:01	78781.01	394737.27	33.80	Soil	9,000	-0.98
08/07/2021	14:51:02	78780.82	394737.39	34.04	Soil	9,060	-0.94
08/07/2021	14:51:03	78780.67	394737.32	34.18	Soil	8,700	-1.19
08/07/2021	14:51:04	78780.81	394737.43	34.79	Soil	7,680	-1.88
08/07/2021	14:51:05	78780.84	394737.24	35.07	Soil	8,880	-1.06
08/07/2021	14:51:06	78780.91	394737.19	34.57	Soil	7,320	-2.13
08/07/2021	14:51:07	78781.25	394737.34	34.42	Soil	8,040	-1.64
08/07/2021	14:51:08	78781.48	394737.44	34.44	Soil	8,880	-1.06
08/07/2021	15:04:53	78777.53	394732.19	40.99	Soil	8,820	-1.10
08/07/2021	15:04:54	78777.75	394732.11	40.18	Soil	11,040	0.41
08/07/2021	15:04:55	78778.30	394732.02	41.73	Soil	9,000	-0.98
08/07/2021	15:04:56	78779.45	394732.19	42.82	Soil	9,780	-0.45
08/07/2021	15:04:57	78780.64	394732.53	43.47	Soil	10,620	0.13
08/07/2021	15:04:58	78781.53	394732.82	43.39	Soil	8,760	-1.15
08/09/2021	8:44:00	78780.30	394730.94	33.85	Soil	7,140	-2.25
08/09/2021	8:44:03	78780.36	394731.06	33.97	Soil	8,460	-1.35
08/09/2021	8:44:04	78780.41	394731.04	34.00	Soil	7,740	-1.84

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08/09/2021	8:44:07	78780.62	394730.98	34.17	Soil	7,140	-2.25
08/09/2021	8:44:14	78781.06	394731.01	34.10	Soil	9,780	-0.45
08/09/2021	8:44:15	78781.01	394731.01	34.15	Soil	9,720	-0.49
08/09/2021	8:44:16	78781.11	394730.92	34.14	Soil	9,600	-0.57
08/09/2021	8:44:17	78781.11	394730.98	34.13	Soil	10,440	0.00
08/09/2021	8:44:18	78780.98	394731.04	34.12	Soil	9,660	-0.53
08/09/2021	8:44:19	78781.06	394731.05	34.12	Soil	10,980	0.37
08/09/2021	8:44:20	78781.27	394731.06	34.13	Soil	8,820	-1.10
08/09/2021	8:44:21	78781.27	394731.12	34.12	Soil	11,040	0.41
08/09/2021	8:44:22	78781.13	394731.14	34.06	Soil	10,560	0.09
08/09/2021	8:44:23	78781.13	394731.12	34.03	Soil	10,260	-0.12
08/09/2021	8:44:24	78781.20	394731.07	34.01	Soil	9,660	-0.53
08/09/2021	8:44:25	78781.18	394730.97	33.97	Soil	9,060	-0.94
08/09/2021	8:44:26	78781.17	394730.97	33.94	Soil	10,380	-0.04
08/09/2021	8:44:27	78781.21	394731.02	33.93	Soil	10,260	-0.12
08/09/2021	8:44:28	78781.22	394731.08	33.93	Soil	12,120	1.15
08/09/2021	8:44:29	78781.23	394731.09	33.94	Soil	11,100	0.45
08/09/2021	8:44:30	78781.23	394731.14	33.97	Soil	10,320	-0.08
08/09/2021	8:44:31	78781.20	394731.35	34.01	Soil	9,600	-0.57
08/09/2021	8:44:32	78781.22	394731.42	34.05	Soil	10,500	0.04
08/09/2021	8:44:33	78781.29	394731.16	34.06	Soil	9,420	-0.69
08/09/2021	8:44:34	78781.30	394731.17	33.99	Soil	11,880	0.99
08/09/2021	8:44:35	78781.22	394731.69	34.05	Soil	9,960	-0.32
08/09/2021	8:44:36	78781.25	394731.47	33.99	Soil	9,000	-0.98
08/09/2021	8:44:37	78781.34	394730.92	33.97	Soil	10,080	-0.24
08/09/2021	8:44:38	78781.28	394731.29	33.94	Soil	10,500	0.04
08/09/2021	8:44:39	78781.13	394731.70	33.96	Soil	8,280	-1.47
08/09/2021	8:44:40	78781.21	394731.13	33.92	Soil	8,400	-1.39
08/09/2021	8:44:42	78781.35	394731.32	33.89	Soil	10,800	0.25
08/09/2021	8:44:43	78781.38	394731.81	33.94	Soil	9,660	-0.53
08/09/2021	8:44:44	78781.47	394731.26	33.86	Soil	9,300	-0.78
08/09/2021	8:44:45	78781.50	394730.91	33.81	Soil	11,400	0.66
08/09/2021	8:44:46	78781.42	394731.38	33.84	Soil	11,460	0.70
08/09/2021	8:44:47	78781.39	394731.62	33.82	Soil	9,720	-0.49
08/09/2021	8:44:48	78781.44	394731.14	33.71	Soil	9,120	-0.90
08/09/2021	8:44:49	78781.56	394731.01	33.73	Soil	10,500	0.04
08/09/2021	8:44:50	78781.68	394731.49	33.81	Soil	10,020	-0.28
08/09/2021	8:44:51	78781.76	394731.69	33.80	Soil	8,340	-1.43
08/09/2021	8:44:52	78781.79	394731.25	33.64	Soil	9,060	-0.94
08/09/2021	8:44:53	78781.87	394731.04	33.59	Soil	10,620	0.13
08/09/2021	8:44:54	78781.92	394731.30	33.62	Soil	11,160	0.50
08/09/2021	8:44:55	78781.96	394731.37	33.60	Soil	10,140	-0.20
08/09/2021	8:44:56	78781.93	394731.13	33.67	Soil	9,660	-0.53
08/09/2021	8:44:57	78781.76	394731.21	33.77	Soil	9,960	-0.32
08/09/2021	8:44:58	78781.53	394731.27	33.83	Soil	10,680	0.17
08/09/2021	8:44:59	78781.40	394731.05	33.87	Soil	9,660	-0.53
08/09/2021	8:45:00	78781.36	394731.10	33.93	Soil	11,160	0.50
08/09/2021	8:45:01	78781.32	394731.22	33.97	Soil	9,660	-0.53
08/09/2021	8:45:02	78781.28	394731.17	34.05	Soil	10,260	-0.12
08/09/2021	8:45:03	78781.17	394731.13	34.28	Soil	10,140	-0.20
08/09/2021	8:45:04	78781.12	394731.15	34.58	Soil	10,500	0.04

SU 7B GWS RESULTS

08/09/2021	8:45:05	78781.16	394731.10	34.96	Soil	10,620	0.13
08/09/2021	8:45:06	78781.20	394731.09	35.27	Soil	9,600	-0.57
08/09/2021	8:45:07	78781.19	394731.06	35.42	Soil	9,480	-0.65
08/09/2021	8:45:08	78781.21	394730.98	35.45	Soil	11,340	0.62
08/09/2021	8:45:09	78781.26	394731.04	35.45	Soil	9,900	-0.37
08/09/2021	8:45:10	78781.19	394731.07	35.23	Soil	11,340	0.62
08/09/2021	8:45:11	78781.00	394730.99	34.95	Soil	10,560	0.09
08/09/2021	8:45:12	78780.90	394731.15	34.80	Soil	10,320	-0.08
08/09/2021	8:45:13	78780.79	394731.43	34.57	Soil	11,520	0.74
08/09/2021	8:45:14	78780.57	394731.26	34.33	Soil	11,340	0.62
08/09/2021	8:45:15	78780.53	394731.09	34.46	Soil	9,660	-0.53
08/09/2021	8:45:16	78780.62	394731.37	34.30	Soil	10,980	0.37
08/09/2021	8:45:17	78780.73	394731.65	33.97	Soil	11,160	0.50
08/09/2021	8:45:18	78780.85	394731.21	33.95	Soil	10,380	-0.04
08/09/2021	8:45:19	78781.05	394731.06	33.96	Soil	11,640	0.82
08/09/2021	8:45:20	78781.08	394731.37	33.86	Soil	10,200	-0.16
08/09/2021	8:45:21	78780.98	394731.70	33.80	Soil	9,360	-0.74
08/09/2021	8:45:22	78781.08	394731.36	33.75	Soil	10,500	0.04
08/09/2021	8:45:23	78781.32	394731.09	33.69	Soil	10,140	-0.20
08/09/2021	8:45:24	78781.30	394731.50	33.63	Soil	10,680	0.17
08/09/2021	8:45:25	78781.07	394731.76	33.63	Soil	11,820	0.95
08/09/2021	8:45:26	78781.06	394731.20	33.66	Soil	9,660	-0.53
08/09/2021	8:45:27	78781.25	394731.09	33.61	Soil	9,840	-0.41
08/09/2021	8:45:28	78781.24	394731.72	33.58	Soil	9,900	-0.37
08/09/2021	8:45:29	78781.11	394731.76	33.57	Soil	11,220	0.54
08/09/2021	8:45:30	78781.32	394731.25	33.56	Soil	11,160	0.50
08/09/2021	8:45:31	78781.40	394731.23	33.43	Soil	9,420	-0.69
08/09/2021	8:45:32	78781.03	394731.59	33.49	Soil	11,220	0.54
08/09/2021	8:45:33	78780.94	394731.84	33.50	Soil	9,840	-0.41
08/09/2021	8:45:34	78780.98	394731.74	33.51	Soil	9,600	-0.57
08/09/2021	8:45:35	78780.94	394731.65	33.57	Soil	9,000	-0.98
08/09/2021	8:45:36	78780.94	394731.91	33.60	Soil	10,860	0.29
08/09/2021	8:45:37	78780.98	394731.80	33.53	Soil	8,880	-1.06
08/09/2021	8:45:38	78781.10	394731.34	33.51	Soil	9,540	-0.61
08/09/2021	8:45:39	78781.23	394730.95	33.62	Soil	11,340	0.62
08/09/2021	8:45:40	78781.14	394731.30	33.58	Soil	10,560	0.09
08/09/2021	8:45:41	78780.95	394731.70	33.59	Soil	9,900	-0.37
08/09/2021	8:45:42	78780.96	394731.30	33.54	Soil	10,020	-0.28
08/09/2021	8:45:43	78781.10	394731.02	33.59	Soil	10,440	0.00
08/09/2021	8:45:44	78781.05	394731.51	33.64	Soil	11,340	0.62
08/09/2021	8:45:45	78780.95	394731.74	33.66	Soil	11,400	0.66
08/09/2021	8:45:46	78780.97	394731.19	33.78	Soil	10,260	-0.12
08/09/2021	8:45:47	78781.04	394731.01	33.78	Soil	10,140	-0.20
08/09/2021	8:45:48	78780.97	394731.60	33.72	Soil	10,500	0.04
08/09/2021	8:45:49	78780.87	394731.71	33.74	Soil	11,340	0.62
08/09/2021	8:45:50	78780.94	394731.00	33.83	Soil	10,380	-0.04
08/09/2021	8:45:51	78781.10	394731.07	33.71	Soil	10,380	-0.04
08/09/2021	8:45:52	78781.00	394731.69	33.65	Soil	10,260	-0.12
08/09/2021	8:45:53	78780.79	394731.58	33.62	Soil	10,020	-0.28
08/09/2021	8:45:54	78780.82	394731.02	33.69	Soil	11,220	0.54
08/09/2021	8:45:55	78780.77	394731.44	33.70	Soil	10,560	0.09

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08/09/2021	8:45:56	78780.73	394731.69	33.82	Soil	9,000	-0.98
08/09/2021	8:45:57	78780.78	394731.08	33.92	Soil	11,460	0.70
08/09/2021	8:45:58	78780.91	394730.94	33.97	Soil	10,260	-0.12
08/09/2021	8:45:59	78780.75	394731.48	33.88	Soil	10,620	0.13
08/09/2021	8:46:00	78780.48	394731.33	33.98	Soil	9,840	-0.41
08/09/2021	8:46:02	78780.54	394731.15	33.98	Soil	10,080	-0.24
08/09/2021	8:46:03	78780.41	394731.54	34.04	Soil	10,320	-0.08
08/09/2021	8:46:04	78780.49	394731.05	34.19	Soil	10,140	-0.20
08/09/2021	8:46:06	78780.47	394731.26	34.12	Soil	11,280	0.58
08/09/2021	8:46:07	78780.35	394731.26	34.27	Soil	9,840	-0.41
08/09/2021	8:46:09	78780.29	394731.36	34.32	Soil	9,720	-0.49
08/09/2021	8:46:16	78780.18	394731.14	34.48	Soil	11,520	0.74
08/09/2021	8:46:21	78779.77	394731.73	34.59	Soil	9,960	-0.32
08/09/2021	8:46:29	78779.38	394731.61	34.90	Soil	10,260	-0.12
08/09/2021	8:46:33	78779.22	394731.57	35.07	Soil	10,320	-0.08
08/09/2021	8:46:37	78779.03	394731.48	35.15	Soil	10,020	-0.28
08/09/2021	8:46:40	78778.85	394731.15	35.27	Soil	9,840	-0.41
08/09/2021	8:46:41	78778.60	394731.20	35.35	Soil	10,020	-0.28
08/09/2021	8:46:44	78778.76	394731.13	35.47	Soil	11,220	0.54
08/09/2021	8:46:45	78778.58	394731.26	35.55	Soil	11,280	0.58
08/09/2021	8:46:48	78778.53	394731.00	35.53	Soil	11,340	0.62
08/09/2021	8:46:49	78778.61	394731.04	35.54	Soil	9,900	-0.37
08/09/2021	8:46:52	78778.45	394731.08	35.68	Soil	11,220	0.54
08/09/2021	8:46:53	78778.62	394731.17	35.66	Soil	9,120	-0.90
08/09/2021	8:46:56	78778.35	394731.06	35.70	Soil	11,880	0.99
08/09/2021	8:46:57	78778.28	394731.17	35.78	Soil	10,560	0.09
08/09/2021	8:47:00	78778.53	394731.21	35.85	Soil	9,660	-0.53
08/09/2021	8:47:01	78778.48	394731.13	35.98	Soil	11,460	0.70
08/09/2021	8:47:04	78778.38	394731.05	36.95	Soil	9,240	-0.82
08/09/2021	8:47:08	78778.46	394731.02	37.77	Soil	10,440	0.00
08/09/2021	8:47:11	78778.28	394730.78	37.31	Soil	10,680	0.17
08/09/2021	8:47:12	78778.03	394730.83	37.07	Soil	11,640	0.82
08/09/2021	8:47:15	78777.53	394730.75	36.55	Soil	10,560	0.09
08/09/2021	8:47:16	78777.45	394730.72	36.43	Soil	11,400	0.66
08/09/2021	8:47:17	78777.60	394730.36	36.33	Soil	10,980	0.37
08/09/2021	8:47:18	78777.49	394730.55	36.36	Soil	12,240	1.23
08/09/2021	8:47:19	78777.34	394730.68	36.40	Soil	10,920	0.33
08/09/2021	8:47:20	78777.49	394730.31	36.42	Soil	10,380	-0.04
08/09/2021	8:47:21	78777.55	394730.35	36.38	Soil	9,600	-0.57
08/09/2021	8:47:22	78777.57	394730.64	36.45	Soil	9,720	-0.49
08/09/2021	8:47:23	78777.60	394730.77	36.39	Soil	12,060	1.11
08/09/2021	8:47:26	78777.63	394730.67	36.17	Soil	11,640	0.82
08/09/2021	8:47:27	78777.60	394730.87	36.17	Soil	11,700	0.87
08/09/2021	8:47:28	78777.73	394731.18	36.03	Soil	9,240	-0.82
08/09/2021	8:47:29	78777.94	394730.97	36.01	Soil	9,960	-0.32
08/09/2021	8:47:31	78777.97	394730.66	36.04	Soil	10,440	0.00
08/09/2021	8:47:32	78777.88	394731.19	35.84	Soil	11,820	0.95
08/09/2021	8:47:33	78777.88	394730.88	35.97	Soil	10,260	-0.12
08/09/2021	8:47:36	78777.88	394730.83	36.12	Soil	11,040	0.41
08/09/2021	8:47:37	78777.73	394731.13	36.14	Soil	10,740	0.21
08/09/2021	8:47:38	78777.65	394730.88	36.09	Soil	10,320	-0.08

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08/09/2021	8:47:40	78777.84	394730.64	36.14	Soil	10,380	-0.04
08/09/2021	8:47:41	78777.74	394731.25	36.13	Soil	10,320	-0.08
08/09/2021	8:47:42	78777.73	394730.97	36.20	Soil	11,880	0.99
08/09/2021	8:47:44	78777.55	394730.65	36.32	Soil	10,260	-0.12
08/09/2021	8:47:45	78777.35	394731.01	36.35	Soil	10,860	0.29
08/09/2021	8:47:46	78777.41	394730.65	36.40	Soil	10,020	-0.28
08/09/2021	8:47:47	78777.48	394730.17	36.29	Soil	9,840	-0.41
08/09/2021	8:47:48	78777.47	394730.46	36.37	Soil	10,320	-0.08
08/09/2021	8:47:49	78777.34	394731.15	36.40	Soil	10,140	-0.20
08/09/2021	8:47:50	78777.32	394730.76	36.42	Soil	9,300	-0.78
08/09/2021	8:47:51	78777.40	394730.11	36.40	Soil	12,120	1.15
08/09/2021	8:47:52	78777.44	394730.59	36.40	Soil	9,720	-0.49
08/09/2021	8:47:53	78777.27	394731.30	36.41	Soil	9,180	-0.86
08/09/2021	8:47:54	78777.22	394730.87	36.39	Soil	10,740	0.21
08/09/2021	8:47:55	78777.29	394730.05	36.43	Soil	9,600	-0.57
08/09/2021	8:47:56	78777.28	394730.30	36.47	Soil	9,480	-0.65
08/09/2021	8:47:57	78777.23	394731.07	36.56	Soil	9,540	-0.61
08/09/2021	8:47:58	78777.29	394730.89	36.50	Soil	11,040	0.41
08/09/2021	8:47:59	78777.27	394730.10	36.46	Soil	10,080	-0.24
08/09/2021	8:48:00	78777.14	394730.26	36.44	Soil	9,840	-0.41
08/09/2021	8:48:01	78777.00	394731.11	36.61	Soil	10,440	0.00
08/09/2021	8:48:02	78776.91	394730.92	36.54	Soil	11,100	0.45
08/09/2021	8:48:03	78777.05	394730.14	36.43	Soil	11,520	0.74
08/09/2021	8:48:04	78777.18	394730.15	36.39	Soil	10,680	0.17
08/09/2021	8:48:05	78776.95	394730.65	36.57	Soil	9,180	-0.86
08/09/2021	8:48:06	78776.89	394730.35	36.46	Soil	10,500	0.04
08/09/2021	8:48:07	78777.16	394729.74	36.46	Soil	11,820	0.95
08/09/2021	8:48:08	78777.19	394729.95	36.47	Soil	10,080	-0.24
08/09/2021	8:48:09	78776.86	394730.79	36.72	Soil	9,420	-0.69
08/09/2021	8:48:10	78776.68	394730.64	36.78	Soil	10,140	-0.20
08/09/2021	8:48:11	78776.85	394729.91	36.82	Soil	10,680	0.17
08/09/2021	8:48:12	78776.90	394729.86	36.76	Soil	9,780	-0.45
08/09/2021	8:48:13	78776.72	394730.35	36.69	Soil	11,820	0.95
08/09/2021	8:48:14	78776.65	394730.27	36.68	Soil	11,700	0.87
08/09/2021	8:48:15	78776.77	394730.07	36.80	Soil	12,780	1.60
08/09/2021	8:48:16	78776.90	394730.26	36.80	Soil	10,680	0.17
08/09/2021	8:48:17	78776.82	394730.46	36.80	Soil	10,260	-0.12
08/09/2021	8:48:18	78776.79	394730.31	36.77	Soil	12,300	1.28
08/09/2021	8:48:19	78776.86	394730.15	36.81	Soil	10,680	0.17
08/09/2021	8:48:20	78776.84	394730.31	37.02	Soil	11,460	0.70
08/09/2021	8:48:21	78776.69	394730.35	37.29	Soil	10,440	0.00
08/09/2021	8:48:22	78776.60	394730.10	37.55	Soil	11,700	0.87
08/09/2021	8:48:23	78776.67	394730.15	37.86	Soil	10,440	0.00
08/09/2021	8:48:24	78776.72	394730.25	37.92	Soil	10,740	0.21
08/09/2021	8:48:25	78776.66	394730.12	37.89	Soil	12,000	1.07
08/09/2021	8:48:26	78776.61	394730.16	37.95	Soil	10,260	-0.12
08/09/2021	8:48:27	78776.68	394730.22	37.96	Soil	12,360	1.32
08/09/2021	8:48:28	78776.68	394730.14	37.97	Soil	11,340	0.62
08/09/2021	8:48:29	78776.64	394730.21	37.97	Soil	10,140	-0.20
08/09/2021	8:48:30	78776.67	394730.18	37.92	Soil	11,640	0.82
08/09/2021	8:48:31	78776.77	394730.14	37.90	Soil	9,600	-0.57

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08/09/2021	8:48:32	78776.76	394730.21	37.93	Soil	12,000	1.07
08/09/2021	8:48:33	78776.65	394730.15	37.95	Soil	9,960	-0.32
08/09/2021	8:48:34	78776.66	394730.18	38.01	Soil	11,700	0.87
08/09/2021	8:48:35	78776.74	394730.20	38.02	Soil	9,720	-0.49
08/09/2021	8:48:36	78776.72	394730.17	38.02	Soil	10,680	0.17
08/09/2021	8:48:37	78776.65	394730.16	37.99	Soil	12,300	1.28
08/09/2021	8:48:38	78776.67	394730.14	37.85	Soil	10,140	-0.20
08/09/2021	8:48:39	78776.73	394730.15	37.68	Soil	10,620	0.13
08/09/2021	8:48:40	78776.69	394730.14	37.44	Soil	10,380	-0.04
08/09/2021	8:48:41	78776.63	394730.12	37.26	Soil	11,280	0.58
08/09/2021	8:48:42	78776.69	394730.22	37.11	Soil	12,060	1.11
08/09/2021	8:48:43	78776.83	394730.40	36.92	Soil	10,020	-0.28
08/09/2021	8:48:44	78776.86	394730.38	36.70	Soil	11,940	1.03
08/09/2021	8:48:45	78776.82	394730.31	36.75	Soil	13,080	1.81
08/09/2021	8:48:46	78776.84	394730.43	36.68	Soil	9,540	-0.61
08/09/2021	8:48:47	78776.96	394730.69	36.64	Soil	11,460	0.70
08/09/2021	8:48:48	78776.99	394730.96	36.60	Soil	10,920	0.33
08/09/2021	8:48:49	78776.92	394730.53	36.49	Soil	10,380	-0.04
08/09/2021	8:48:50	78776.96	394730.10	36.43	Soil	12,120	1.15
08/09/2021	8:48:51	78777.08	394730.55	36.51	Soil	10,020	-0.28
08/09/2021	8:48:52	78777.02	394730.93	36.56	Soil	12,300	1.28
08/09/2021	8:48:53	78777.00	394730.48	36.48	Soil	11,400	0.66
08/09/2021	8:48:54	78777.03	394729.99	36.37	Soil	9,480	-0.65
08/09/2021	8:48:55	78777.03	394730.54	36.49	Soil	11,040	0.41
08/09/2021	8:48:56	78776.92	394730.93	36.54	Soil	10,860	0.29
08/09/2021	8:48:57	78776.90	394730.29	36.42	Soil	10,740	0.21
08/09/2021	8:48:58	78776.93	394729.85	36.40	Soil	11,040	0.41
08/09/2021	8:48:59	78777.01	394730.45	36.46	Soil	9,900	-0.37
08/09/2021	8:49:00	78776.94	394730.67	36.48	Soil	11,760	0.91
08/09/2021	8:49:01	78777.08	394730.25	36.44	Soil	10,260	-0.12
08/09/2021	8:49:02	78776.99	394729.95	36.50	Soil	10,080	-0.24
08/09/2021	8:49:03	78777.00	394730.78	36.56	Soil	10,200	-0.16
08/09/2021	8:49:04	78777.08	394731.00	36.53	Soil	10,200	-0.16
08/09/2021	8:49:05	78777.12	394730.20	36.38	Soil	11,400	0.66
08/09/2021	8:49:06	78777.05	394729.80	36.38	Soil	10,800	0.25
08/09/2021	8:49:07	78777.11	394730.20	36.32	Soil	11,220	0.54
08/09/2021	8:49:08	78777.12	394730.35	36.39	Soil	10,380	-0.04
08/09/2021	8:49:09	78777.10	394729.77	36.34	Soil	10,080	-0.24
08/09/2021	8:49:10	78777.17	394729.72	36.31	Soil	10,920	0.33
08/09/2021	8:49:11	78777.14	394730.43	36.38	Soil	9,300	-0.78
08/09/2021	8:49:12	78776.99	394730.67	36.45	Soil	10,920	0.33
08/09/2021	8:49:13	78776.84	394730.12	36.42	Soil	11,160	0.50
08/09/2021	8:49:14	78776.91	394730.14	36.48	Soil	12,300	1.28
08/09/2021	8:49:15	78776.98	394730.72	36.60	Soil	11,280	0.58
08/09/2021	8:49:16	78776.95	394730.86	36.57	Soil	10,260	-0.12
08/09/2021	8:49:17	78777.01	394730.14	36.48	Soil	10,380	-0.04
08/09/2021	8:49:18	78777.14	394729.76	36.44	Soil	10,920	0.33
08/09/2021	8:49:19	78777.11	394730.47	36.50	Soil	10,500	0.04
08/09/2021	8:49:20	78776.96	394730.57	36.50	Soil	9,960	-0.32
08/09/2021	8:49:21	78777.17	394729.83	36.43	Soil	10,020	-0.28
08/09/2021	8:49:22	78777.24	394729.61	36.46	Soil	10,860	0.29

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08/09/2021	8:49:23	78777.13	394730.30	36.76	Soil	12,480	1.40
08/09/2021	8:49:24	78777.12	394730.56	36.75	Soil	11,040	0.41
08/09/2021	8:49:27	78777.30	394730.03	36.66	Soil	11,280	0.58
08/09/2021	8:49:28	78777.20	394729.94	36.38	Soil	11,940	1.03
08/09/2021	9:02:54	78783.40	394730.98	33.48	Soil	11,100	0.45
08/09/2021	9:03:22	78782.95	394730.96	33.49	Soil	11,100	0.45
08/09/2021	9:03:25	78783.03	394731.00	33.84	Soil	10,440	0.00
08/09/2021	9:21:20	78777.77	394730.69	40.12	Soil	9,720	-0.49
08/09/2021	9:21:21	78777.48	394730.90	40.51	Soil	10,920	0.33
08/09/2021	9:21:22	78776.86	394731.26	40.68	Soil	11,520	0.74
08/09/2021	9:25:14	78773.26	394730.95	44.54	Soil	9,780	-0.45
08/09/2021	9:25:15	78773.24	394731.04	44.32	Soil	9,420	-0.69
08/09/2021	9:25:16	78773.34	394730.74	44.17	Soil	9,420	-0.69
08/09/2021	9:25:17	78773.62	394730.28	43.81	Soil	10,440	0.00
08/09/2021	9:25:18	78773.51	394730.36	43.70	Soil	10,020	-0.28
08/09/2021	9:25:19	78773.89	394729.77	43.70	Soil	9,780	-0.45
08/09/2021	9:25:20	78773.91	394729.84	43.45	Soil	10,620	0.13
08/09/2021	9:25:21	78773.76	394729.68	43.29	Soil	11,580	0.78
08/09/2021	9:25:22	78773.83	394729.60	43.26	Soil	10,380	-0.04
08/09/2021	9:25:24	78773.69	394729.72	43.01	Soil	11,880	0.99
08/09/2021	9:25:24	78773.74	394729.71	43.01	Soil	10,080	-0.24
08/09/2021	9:25:25	78773.64	394729.93	42.78	Soil	10,080	-0.24
08/09/2021	9:25:26	78773.65	394729.76	42.54	Soil	9,600	-0.57
08/09/2021	9:25:27	78773.71	394729.64	42.24	Soil	9,540	-0.61
08/09/2021	9:25:28	78773.52	394729.87	41.65	Soil	10,260	-0.12
08/09/2021	9:25:29	78773.35	394729.92	41.02	Soil	11,160	0.50
08/09/2021	9:25:30	78773.53	394729.90	40.89	Soil	9,960	-0.32
08/09/2021	9:25:31	78773.40	394729.79	40.89	Soil	9,660	-0.53
08/09/2021	9:25:32	78773.24	394729.62	40.71	Soil	9,840	-0.41
08/09/2021	9:25:33	78773.28	394729.60	40.53	Soil	10,860	0.29
08/09/2021	9:25:34	78773.14	394729.57	40.36	Soil	11,100	0.45
08/09/2021	9:25:35	78773.03	394729.55	40.34	Soil	10,860	0.29
08/09/2021	9:25:36	78773.16	394729.57	40.37	Soil	9,000	-0.98
08/09/2021	9:25:37	78773.08	394729.61	40.37	Soil	10,860	0.29
08/09/2021	9:25:38	78773.00	394729.59	40.37	Soil	10,860	0.29
08/09/2021	9:25:39	78773.10	394729.53	40.41	Soil	10,740	0.21
08/09/2021	9:25:40	78773.07	394729.62	40.39	Soil	11,160	0.50
08/09/2021	9:25:41	78772.98	394729.63	40.39	Soil	8,940	-1.02
08/09/2021	9:25:42	78773.08	394729.58	40.41	Soil	10,980	0.37
08/09/2021	9:25:43	78773.04	394729.64	40.41	Soil	9,540	-0.61
08/09/2021	9:25:44	78772.95	394729.61	40.39	Soil	10,860	0.29
08/09/2021	9:25:45	78773.01	394729.54	40.39	Soil	10,560	0.09
08/09/2021	9:25:46	78773.00	394729.61	40.41	Soil	10,440	0.00
08/09/2021	9:25:47	78772.90	394729.57	40.43	Soil	11,460	0.70
08/09/2021	9:25:48	78773.00	394729.49	40.58	Soil	10,920	0.33
08/09/2021	9:25:49	78772.97	394729.40	40.63	Soil	9,840	-0.41
08/09/2021	9:25:50	78772.88	394729.48	40.62	Soil	11,040	0.41
08/09/2021	9:25:51	78773.02	394729.55	40.55	Soil	11,520	0.74
08/09/2021	9:25:52	78773.00	394729.53	40.50	Soil	11,760	0.91
08/09/2021	9:25:53	78772.88	394729.72	40.42	Soil	11,220	0.54
08/09/2021	9:25:54	78773.05	394729.53	40.41	Soil	10,200	-0.16

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08/09/2021	9:25:55	78773.12	394729.06	40.31	Soil	11,220	0.54
08/09/2021	9:25:56	78772.76	394729.10	40.13	Soil	12,000	1.07
08/09/2021	9:25:57	78772.78	394729.23	39.93	Soil	10,920	0.33
08/09/2021	9:25:58	78772.88	394729.09	39.88	Soil	10,980	0.37
08/09/2021	9:25:59	78772.73	394729.09	39.74	Soil	10,200	-0.16
08/09/2021	9:26:00	78772.63	394729.29	39.70	Soil	11,640	0.82
08/09/2021	9:26:01	78772.68	394729.29	39.82	Soil	9,420	-0.69
08/09/2021	9:26:02	78772.70	394729.20	40.00	Soil	10,560	0.09
08/09/2021	9:26:03	78772.79	394729.31	39.83	Soil	10,860	0.29
08/09/2021	9:26:04	78772.76	394729.36	39.83	Soil	10,440	0.00
08/09/2021	9:26:05	78772.81	394729.29	39.77	Soil	11,040	0.41
08/09/2021	9:26:06	78773.21	394729.37	39.71	Soil	11,880	0.99
08/09/2021	9:26:07	78773.24	394729.41	39.62	Soil	11,100	0.45
08/09/2021	9:26:08	78773.05	394729.51	39.46	Soil	10,980	0.37
08/09/2021	9:26:09	78773.38	394729.30	39.21	Soil	10,980	0.37
08/09/2021	9:26:10	78773.79	394729.36	39.06	Soil	10,740	0.21
08/09/2021	9:26:11	78773.68	394730.09	38.96	Soil	10,320	-0.08
08/09/2021	9:26:12	78773.57	394730.45	38.91	Soil	10,560	0.09
08/09/2021	9:26:13	78773.60	394729.79	38.91	Soil	9,360	-0.74
08/09/2021	9:26:14	78773.60	394729.73	38.91	Soil	10,800	0.25
08/09/2021	9:26:16	78773.43	394730.24	39.06	Soil	10,380	-0.04
08/09/2021	9:26:16	78773.78	394729.78	38.96	Soil	12,180	1.19
08/09/2021	9:26:18	78773.67	394729.27	39.02	Soil	11,220	0.54
08/09/2021	9:26:18	78773.42	394729.68	39.05	Soil	11,160	0.50
08/09/2021	9:26:19	78773.44	394729.70	38.98	Soil	10,260	-0.12
08/09/2021	9:26:20	78773.72	394729.31	39.01	Soil	9,300	-0.78
08/09/2021	9:26:21	78773.61	394729.55	38.96	Soil	9,840	-0.41
08/09/2021	9:26:22	78773.27	394730.10	39.05	Soil	9,960	-0.32
08/09/2021	9:26:23	78773.11	394729.90	38.94	Soil	10,680	0.17
08/09/2021	9:26:25	78773.13	394729.25	38.96	Soil	9,600	-0.57
08/09/2021	9:26:25	78773.16	394729.29	38.98	Soil	10,500	0.04
08/09/2021	9:26:26	78772.78	394729.68	39.04	Soil	11,640	0.82
08/09/2021	9:26:27	78772.84	394729.65	39.08	Soil	10,920	0.33
08/09/2021	9:26:28	78773.00	394728.84	39.14	Soil	10,320	-0.08
08/09/2021	9:26:29	78772.89	394728.74	39.07	Soil	10,800	0.25
08/09/2021	9:26:30	78772.80	394729.19	39.05	Soil	11,640	0.82
08/09/2021	9:26:31	78772.79	394729.17	39.05	Soil	10,800	0.25
08/09/2021	9:26:32	78773.06	394729.05	39.03	Soil	10,260	-0.12
08/09/2021	9:26:33	78773.34	394728.68	38.96	Soil	11,340	0.62
08/09/2021	9:26:34	78773.11	394728.97	38.86	Soil	10,500	0.04
08/09/2021	9:26:35	78773.13	394729.02	38.91	Soil	10,500	0.04
08/09/2021	9:26:36	78773.05	394728.94	38.87	Soil	9,660	-0.53
08/09/2021	9:26:37	78773.00	394728.96	38.85	Soil	11,100	0.45
08/09/2021	9:26:38	78773.07	394729.13	38.88	Soil	9,960	-0.32
08/09/2021	9:26:39	78772.99	394729.52	38.90	Soil	12,600	1.48
08/09/2021	9:26:40	78772.82	394729.92	39.07	Soil	11,160	0.50
08/09/2021	9:26:41	78772.94	394729.58	38.96	Soil	9,360	-0.74
08/09/2021	9:26:42	78772.98	394729.51	39.08	Soil	9,420	-0.69
08/09/2021	9:26:43	78772.80	394730.36	39.12	Soil	10,800	0.25
08/09/2021	9:26:44	78772.82	394730.33	39.07	Soil	12,120	1.15
08/09/2021	9:26:45	78772.99	394729.48	39.00	Soil	10,200	-0.16

SU 7B GWS RESULTS

08/09/2021	9:26:46	78773.05	394729.20	39.00	Soil	12,300	1.28
08/09/2021	9:26:47	78772.90	394729.94	39.09	Soil	11,580	0.78
08/09/2021	9:26:48	78773.03	394730.01	39.05	Soil	10,500	0.04
08/09/2021	9:26:49	78773.46	394729.40	39.01	Soil	10,620	0.13
08/09/2021	9:26:50	78773.58	394728.94	38.95	Soil	12,240	1.23
08/09/2021	9:26:51	78773.21	394729.53	38.96	Soil	9,660	-0.53
08/09/2021	9:26:52	78773.01	394730.29	39.04	Soil	9,840	-0.41
08/09/2021	9:26:53	78773.27	394730.06	39.02	Soil	9,660	-0.53
08/09/2021	9:26:54	78773.66	394729.28	38.95	Soil	11,880	0.99
08/09/2021	9:26:55	78773.76	394728.90	38.90	Soil	10,440	0.00
08/09/2021	9:26:56	78773.27	394729.74	39.00	Soil	10,320	-0.08
08/09/2021	9:26:57	78773.22	394730.19	38.99	Soil	11,040	0.41
08/09/2021	9:26:58	78773.70	394729.40	38.95	Soil	9,720	-0.49
08/09/2021	9:26:59	78773.87	394728.93	38.81	Soil	9,000	-0.98
08/09/2021	9:27:00	78773.63	394728.98	38.85	Soil	12,180	1.19
08/09/2021	9:27:01	78773.57	394729.61	38.91	Soil	10,500	0.04
08/09/2021	9:27:02	78773.29	394730.18	38.96	Soil	10,560	0.09
08/09/2021	9:27:03	78773.47	394730.48	38.96	Soil	9,600	-0.57
08/09/2021	9:27:04	78773.75	394729.69	38.95	Soil	11,160	0.50
08/09/2021	9:27:05	78773.81	394729.08	38.93	Soil	10,680	0.17
08/09/2021	9:27:06	78773.53	394729.93	38.91	Soil	12,600	1.48
08/09/2021	9:27:07	78773.41	394730.29	38.89	Soil	10,560	0.09
08/09/2021	9:27:08	78773.71	394729.83	38.96	Soil	12,120	1.15
08/09/2021	9:27:09	78773.91	394729.06	38.95	Soil	11,400	0.66
08/09/2021	9:27:10	78773.69	394729.56	38.97	Soil	9,960	-0.32
08/09/2021	9:27:11	78773.49	394730.53	38.83	Soil	11,040	0.41
08/09/2021	9:27:12	78773.74	394730.02	38.83	Soil	10,740	0.21
08/09/2021	9:27:13	78773.91	394729.36	38.83	Soil	10,140	-0.20
08/09/2021	9:27:14	78773.78	394729.49	38.91	Soil	11,400	0.66
08/09/2021	9:27:15	78773.79	394729.51	38.94	Soil	11,040	0.41
08/09/2021	9:27:16	78774.02	394729.11	38.97	Soil	9,480	-0.65
08/09/2021	9:27:17	78773.91	394729.17	38.94	Soil	10,260	-0.12
08/09/2021	9:27:18	78773.63	394729.74	39.01	Soil	11,220	0.54
08/09/2021	9:27:19	78773.58	394730.22	39.06	Soil	10,200	-0.16
08/09/2021	9:27:20	78774.08	394729.85	39.02	Soil	11,220	0.54
08/09/2021	9:27:21	78774.42	394728.93	38.78	Soil	10,860	0.29
08/09/2021	9:27:22	78774.18	394729.28	38.68	Soil	12,120	1.15
08/09/2021	9:27:23	78774.07	394729.63	38.85	Soil	10,920	0.33
08/09/2021	9:27:24	78773.86	394730.24	38.92	Soil	11,340	0.62
08/09/2021	9:27:25	78773.72	394730.44	38.94	Soil	11,820	0.95
08/09/2021	9:27:26	78773.77	394730.27	38.96	Soil	11,940	1.03
08/09/2021	9:27:27	78774.00	394729.73	38.87	Soil	10,980	0.37
08/09/2021	9:27:28	78774.11	394729.30	38.98	Soil	10,440	0.00
08/09/2021	9:27:29	78774.17	394729.52	38.90	Soil	9,660	-0.53
08/09/2021	9:27:30	78774.09	394730.01	38.77	Soil	10,080	-0.24
08/09/2021	9:27:31	78774.04	394730.33	38.92	Soil	10,080	-0.24
08/09/2021	9:27:32	78774.05	394730.35	38.78	Soil	10,920	0.33
08/09/2021	9:27:33	78774.35	394729.79	38.77	Soil	11,700	0.87
08/09/2021	9:27:34	78774.19	394729.91	38.77	Soil	10,260	-0.12
08/09/2021	9:27:35	78774.12	394730.23	38.75	Soil	10,920	0.33
08/09/2021	9:27:36	78774.45	394729.70	38.84	Soil	11,700	0.87

SU 7B GWS RESULTS

08/09/2021	9:27:37	78774.52	394729.33	38.72	Soil	11,400	0.66
08/09/2021	9:27:38	78774.29	394729.73	38.67	Soil	10,860	0.29
08/09/2021	9:27:39	78774.29	394730.28	38.72	Soil	10,440	0.00
08/09/2021	9:27:40	78774.37	394730.60	38.68	Soil	9,840	-0.41
08/09/2021	9:27:41	78774.22	394730.64	38.78	Soil	10,740	0.21
08/09/2021	9:27:42	78774.42	394730.51	38.75	Soil	12,000	1.07
08/09/2021	9:27:43	78774.75	394729.92	38.69	Soil	9,780	-0.45
08/09/2021	9:27:44	78774.63	394729.58	38.63	Soil	10,080	-0.24
08/09/2021	9:27:45	78774.40	394730.48	38.74	Soil	11,280	0.58
08/09/2021	9:27:46	78774.48	394730.88	38.45	Soil	11,040	0.41
08/09/2021	9:27:47	78774.55	394730.41	38.51	Soil	9,540	-0.61
08/09/2021	9:27:48	78774.73	394730.16	38.56	Soil	10,440	0.00
08/09/2021	9:27:49	78774.71	394729.97	38.60	Soil	10,860	0.29
08/09/2021	9:27:50	78774.48	394730.18	38.63	Soil	10,860	0.29
08/09/2021	9:27:51	78774.50	394730.40	38.63	Soil	11,460	0.70
08/09/2021	9:27:52	78774.71	394730.16	38.57	Soil	9,960	-0.32
08/09/2021	9:27:53	78774.96	394729.99	38.52	Soil	11,280	0.58
08/09/2021	9:27:54	78774.98	394729.87	38.49	Soil	10,500	0.04
08/09/2021	9:27:55	78774.69	394730.61	38.54	Soil	9,360	-0.74
08/09/2021	9:27:56	78774.65	394730.93	38.43	Soil	10,500	0.04
08/09/2021	9:27:57	78774.96	394730.31	38.44	Soil	12,420	1.36
08/09/2021	9:27:58	78774.99	394729.74	38.31	Soil	10,500	0.04
08/09/2021	9:27:59	78774.97	394730.00	38.31	Soil	10,080	-0.24
08/09/2021	9:28:00	78774.84	394730.51	38.46	Soil	9,660	-0.53
08/09/2021	9:28:01	78775.02	394730.33	38.53	Soil	11,520	0.74
08/09/2021	9:28:02	78775.00	394729.96	38.49	Soil	11,460	0.70
08/09/2021	9:28:03	78775.07	394730.50	38.47	Soil	11,400	0.66
08/09/2021	9:28:04	78774.92	394730.88	38.24	Soil	9,540	-0.61
08/09/2021	9:28:05	78775.06	394730.19	38.45	Soil	9,540	-0.61
08/09/2021	9:28:06	78775.27	394729.71	38.24	Soil	10,380	-0.04
08/09/2021	9:28:07	78775.20	394730.34	38.38	Soil	11,460	0.70
08/09/2021	9:28:08	78775.09	394730.43	38.36	Soil	11,820	0.95
08/09/2021	9:28:09	78775.15	394730.47	38.41	Soil	9,960	-0.32
08/09/2021	9:28:10	78774.95	394730.86	38.30	Soil	9,840	-0.41
08/09/2021	9:28:11	78775.18	394730.57	38.24	Soil	10,860	0.29
08/09/2021	9:28:12	78775.52	394729.87	38.34	Soil	10,980	0.37
08/09/2021	9:28:13	78775.31	394730.12	38.23	Soil	9,780	-0.45
08/09/2021	9:28:14	78775.57	394730.75	38.28	Soil	10,080	-0.24
08/09/2021	9:28:15	78775.52	394730.80	38.18	Soil	10,560	0.09
08/09/2021	9:28:16	78775.40	394730.21	38.29	Soil	9,900	-0.37
08/09/2021	9:28:17	78775.48	394729.96	38.09	Soil	10,860	0.29
08/09/2021	9:28:18	78775.43	394730.58	38.15	Soil	10,080	-0.24
08/09/2021	9:28:19	78775.48	394731.02	38.19	Soil	10,920	0.33
08/09/2021	9:28:20	78775.29	394730.95	38.09	Soil	10,020	-0.28
08/09/2021	9:28:21	78775.49	394730.18	38.21	Soil	11,460	0.70
08/09/2021	9:28:22	78775.71	394729.94	38.06	Soil	9,480	-0.65
08/09/2021	9:28:23	78775.54	394730.43	38.09	Soil	10,500	0.04
08/09/2021	9:28:24	78775.70	394730.78	38.05	Soil	10,020	-0.28
08/09/2021	9:28:25	78775.45	394730.72	38.10	Soil	11,700	0.87
08/09/2021	9:28:26	78775.50	394730.72	38.16	Soil	10,560	0.09
08/09/2021	9:28:27	78775.32	394731.04	38.18	Soil	11,100	0.45

SU 7B GWS RESULTS

08/09/2021	9:28:28	78775.25	394730.93	38.11	Soil	11,940	1.03
08/09/2021	9:28:29	78775.66	394730.43	38.00	Soil	10,560	0.09
08/09/2021	9:28:30	78775.83	394730.28	37.98	Soil	9,780	-0.45
08/09/2021	9:28:31	78775.62	394730.39	38.08	Soil	11,280	0.58
08/09/2021	9:28:32	78775.74	394730.60	38.07	Soil	9,660	-0.53
08/09/2021	9:28:33	78775.63	394730.98	38.07	Soil	9,600	-0.57
08/09/2021	9:28:34	78775.48	394730.59	38.10	Soil	12,300	1.28
08/09/2021	9:28:35	78775.63	394730.37	38.10	Soil	10,080	-0.24
08/09/2021	9:28:36	78775.66	394730.65	37.97	Soil	10,560	0.09
08/09/2021	9:28:37	78775.73	394730.94	37.90	Soil	9,840	-0.41
08/09/2021	9:28:38	78775.76	394730.32	38.09	Soil	10,560	0.09
08/09/2021	9:28:39	78775.88	394729.71	37.89	Soil	10,980	0.37
08/09/2021	9:28:40	78776.04	394730.26	37.94	Soil	9,600	-0.57
08/09/2021	9:28:41	78775.97	394730.72	37.78	Soil	10,500	0.04
08/09/2021	9:28:42	78775.85	394730.30	37.97	Soil	11,340	0.62
08/09/2021	9:28:43	78775.90	394729.53	37.97	Soil	11,220	0.54
08/09/2021	9:28:44	78776.18	394729.61	37.94	Soil	11,460	0.70
08/09/2021	9:28:45	78776.40	394730.27	37.79	Soil	11,640	0.82
08/09/2021	9:28:46	78776.30	394730.13	37.67	Soil	10,620	0.13
08/09/2021	9:28:47	78776.06	394729.49	37.75	Soil	10,800	0.25
08/09/2021	9:28:48	78776.51	394729.81	37.67	Soil	10,620	0.13
08/09/2021	9:28:49	78776.34	394730.41	37.72	Soil	10,800	0.25
08/09/2021	9:28:50	78775.92	394730.45	37.93	Soil	11,580	0.78
08/09/2021	9:28:51	78775.78	394730.61	38.07	Soil	10,800	0.25
08/09/2021	9:28:52	78776.09	394730.71	38.10	Soil	9,960	-0.32
08/09/2021	9:28:53	78776.28	394730.16	38.11	Soil	11,100	0.45
08/09/2021	9:28:54	78776.21	394729.93	38.15	Soil	12,120	1.15
08/09/2021	9:28:55	78776.02	394730.41	38.14	Soil	11,880	0.99
08/09/2021	9:28:56	78776.18	394730.79	38.01	Soil	10,200	-0.16
08/09/2021	9:28:57	78776.45	394730.22	37.88	Soil	11,280	0.58
08/09/2021	9:28:58	78776.51	394729.66	37.82	Soil	10,020	-0.28
08/09/2021	9:28:59	78776.54	394730.00	37.75	Soil	11,880	0.99
08/09/2021	9:29:00	78776.34	394730.57	37.86	Soil	11,340	0.62
08/09/2021	9:29:01	78776.12	394730.94	37.99	Soil	10,920	0.33
08/09/2021	9:29:02	78776.23	394730.59	37.99	Soil	11,520	0.74
08/09/2021	9:29:03	78776.36	394730.02	37.95	Soil	12,180	1.19
08/09/2021	9:29:04	78776.34	394730.26	37.97	Soil	11,760	0.91
08/09/2021	9:29:05	78776.17	394730.81	38.04	Soil	10,320	-0.08
08/09/2021	9:29:06	78776.39	394731.06	37.98	Soil	10,980	0.37
08/09/2021	9:29:07	78776.84	394730.13	37.77	Soil	11,820	0.95
08/09/2021	9:29:08	78776.64	394729.67	37.80	Soil	10,800	0.25
08/09/2021	9:29:09	78776.30	394730.32	37.76	Soil	11,220	0.54
08/09/2021	9:29:10	78776.34	394730.68	37.82	Soil	13,320	1.97
08/09/2021	9:29:11	78776.49	394730.49	37.86	Soil	12,360	1.32
08/09/2021	9:29:12	78776.43	394730.52	37.99	Soil	12,240	1.23
08/09/2021	9:29:13	78776.44	394730.67	37.99	Soil	10,860	0.29
08/09/2021	9:29:14	78776.69	394730.67	37.89	Soil	10,860	0.29
08/09/2021	9:29:15	78776.69	394730.59	37.84	Soil	10,860	0.29
08/09/2021	9:29:16	78776.40	394730.54	37.88	Soil	11,220	0.54
08/09/2021	9:29:17	78776.31	394730.51	37.89	Soil	12,900	1.69
08/09/2021	9:29:18	78776.38	394730.44	37.84	Soil	11,760	0.91

SU 7B GWS RESULTS

08/09/2021	9:29:19	78776.30	394730.25	37.74	Soil	10,620	0.13
08/09/2021	9:29:20	78776.33	394730.54	37.82	Soil	12,120	1.15
08/09/2021	9:29:21	78776.35	394730.55	37.81	Soil	12,420	1.36
08/09/2021	9:29:22	78776.32	394730.34	37.81	Soil	13,080	1.81
08/09/2021	9:29:23	78776.34	394730.51	37.80	Soil	11,400	0.66
08/09/2021	9:29:24	78776.25	394730.49	37.87	Soil	9,540	-0.61
08/09/2021	9:29:25	78776.31	394730.34	37.83	Soil	9,840	-0.41
08/09/2021	9:29:26	78776.37	394730.29	37.87	Soil	11,640	0.82
08/09/2021	9:29:27	78776.42	394730.10	37.80	Soil	11,880	0.99
08/09/2021	9:29:28	78776.50	394730.08	37.81	Soil	12,300	1.28
08/09/2021	9:29:29	78776.62	394729.78	37.73	Soil	12,900	1.69
08/09/2021	9:29:30	78776.38	394730.00	37.73	Soil	10,620	0.13
08/09/2021	9:29:31	78776.29	394730.28	37.82	Soil	10,320	-0.08
08/09/2021	9:29:32	78776.22	394730.25	37.91	Soil	11,820	0.95
08/09/2021	9:29:33	78776.34	394730.04	38.01	Soil	10,560	0.09
08/09/2021	9:29:34	78776.31	394730.05	38.07	Soil	11,220	0.54
08/09/2021	9:29:35	78776.42	394730.08	37.97	Soil	11,460	0.70
08/09/2021	9:29:36	78776.73	394729.99	37.81	Soil	10,920	0.33
08/09/2021	9:29:37	78776.63	394730.12	37.74	Soil	10,440	0.00
08/09/2021	9:29:38	78776.44	394730.28	37.79	Soil	11,640	0.82
08/09/2021	9:29:39	78776.68	394729.88	37.73	Soil	12,180	1.19
08/09/2021	9:29:40	78776.97	394729.84	37.67	Soil	12,180	1.19
08/09/2021	9:29:41	78776.86	394730.46	37.76	Soil	10,440	0.00
08/09/2021	9:29:42	78776.84	394730.68	37.77	Soil	12,420	1.36
08/09/2021	9:29:43	78777.14	394730.16	37.70	Soil	11,040	0.41
08/09/2021	9:29:44	78777.17	394730.01	37.64	Soil	10,800	0.25
08/09/2021	9:29:45	78776.90	394730.48	37.70	Soil	11,460	0.70
08/09/2021	9:29:46	78776.73	394730.64	37.85	Soil	11,400	0.66
08/09/2021	9:29:47	78776.58	394730.37	37.85	Soil	10,800	0.25
08/09/2021	9:29:48	78776.62	394730.37	37.91	Soil	11,640	0.82
08/09/2021	9:29:49	78776.90	394730.88	37.74	Soil	11,280	0.58
08/09/2021	9:29:50	78776.79	394730.69	37.74	Soil	12,420	1.36
08/09/2021	9:29:51	78776.47	394730.08	37.76	Soil	11,280	0.58
08/09/2021	9:29:52	78776.68	394730.15	37.68	Soil	11,640	0.82
08/09/2021	9:29:53	78777.14	394730.68	37.62	Soil	11,340	0.62
08/09/2021	9:29:54	78776.89	394730.58	37.64	Soil	11,580	0.78
08/09/2021	9:29:55	78776.73	394730.12	37.73	Soil	10,500	0.04
08/09/2021	9:29:56	78776.88	394730.22	37.72	Soil	10,740	0.21
08/09/2021	9:29:57	78777.10	394730.72	37.69	Soil	11,040	0.41
08/09/2021	9:29:58	78776.95	394730.47	37.79	Soil	11,040	0.41
08/09/2021	9:29:59	78776.63	394729.86	37.82	Soil	10,800	0.25
08/09/2021	9:30:00	78776.69	394730.14	37.68	Soil	10,320	-0.08
08/09/2021	9:30:01	78776.97	394730.33	37.62	Soil	11,280	0.58
08/09/2021	9:30:02	78776.69	394730.20	37.74	Soil	10,980	0.37
08/09/2021	9:30:03	78776.42	394730.02	37.81	Soil	11,820	0.95
08/09/2021	9:30:04	78776.92	394730.13	37.86	Soil	10,800	0.25
08/09/2021	9:30:05	78777.07	394729.94	37.83	Soil	10,740	0.21
08/09/2021	9:30:06	78776.55	394729.51	37.92	Soil	10,380	-0.04
08/09/2021	9:30:07	78776.19	394729.35	38.11	Soil	11,220	0.54
08/09/2021	9:30:08	78776.44	394729.80	37.95	Soil	9,900	-0.37
08/09/2021	9:30:09	78776.79	394729.97	37.74	Soil	10,020	-0.28

SU 7B GWS RESULTS

08/09/2021	9:30:10	78776.35	394729.62	37.95	Soil	10,500	0.04
08/09/2021	9:30:11	78775.99	394729.17	38.09	Soil	9,960	-0.32
08/09/2021	9:30:12	78776.48	394729.25	37.81	Soil	11,520	0.74
08/09/2021	9:30:13	78777.02	394729.41	37.43	Soil	11,640	0.82
08/09/2021	9:30:14	78776.77	394729.28	37.49	Soil	10,500	0.04
08/09/2021	9:30:15	78776.35	394729.29	37.80	Soil	10,920	0.33
08/09/2021	9:30:16	78776.09	394729.03	37.99	Soil	9,840	-0.41
08/09/2021	9:30:17	78776.35	394729.32	37.87	Soil	10,740	0.21
08/09/2021	9:30:18	78776.85	394729.68	37.51	Soil	10,860	0.29
08/09/2021	9:30:19	78776.70	394729.38	37.50	Soil	12,060	1.11
08/09/2021	9:30:20	78776.30	394728.87	37.82	Soil	11,520	0.74
08/09/2021	9:30:21	78776.48	394729.17	37.73	Soil	10,860	0.29
08/09/2021	9:30:22	78776.77	394729.47	37.48	Soil	11,700	0.87
08/09/2021	9:30:23	78776.66	394729.10	37.60	Soil	12,540	1.44
08/09/2021	9:30:24	78776.15	394728.75	37.87	Soil	10,980	0.37
08/09/2021	9:30:25	78776.39	394729.08	37.75	Soil	10,440	0.00
08/09/2021	9:30:26	78776.93	394729.10	37.54	Soil	11,580	0.78
08/09/2021	9:30:27	78777.07	394729.33	37.40	Soil	12,360	1.32
08/09/2021	9:30:28	78776.77	394729.16	37.55	Soil	10,980	0.37
08/09/2021	9:30:29	78776.36	394728.91	37.84	Soil	12,120	1.15
08/09/2021	9:30:30	78776.63	394729.20	37.74	Soil	11,640	0.82
08/09/2021	9:30:31	78777.30	394729.82	37.57	Soil	12,120	1.15
08/09/2021	9:30:32	78777.07	394730.15	37.54	Soil	11,100	0.45
08/09/2021	9:30:33	78776.60	394729.74	37.60	Soil	10,980	0.37
08/09/2021	9:30:34	78776.79	394729.92	37.56	Soil	11,160	0.50
08/09/2021	9:30:35	78776.76	394730.09	37.45	Soil	11,280	0.58
08/09/2021	9:30:36	78776.75	394730.30	37.62	Soil	11,280	0.58
08/09/2021	9:30:37	78776.54	394730.74	37.79	Soil	10,320	-0.08
08/09/2021	9:30:38	78776.63	394730.40	37.74	Soil	12,900	1.69
08/09/2021	9:30:39	78776.61	394729.87	37.70	Soil	11,340	0.62
08/09/2021	9:30:40	78776.58	394730.01	37.70	Soil	11,220	0.54
08/09/2021	9:30:41	78776.68	394730.47	37.70	Soil	10,200	-0.16
08/09/2021	9:30:42	78776.76	394730.18	37.67	Soil	10,320	-0.08
08/09/2021	9:30:43	78776.78	394729.84	37.62	Soil	10,560	0.09
08/09/2021	9:30:44	78776.78	394730.28	37.69	Soil	12,120	1.15
08/09/2021	9:30:45	78776.85	394730.36	37.65	Soil	10,200	-0.16
08/09/2021	9:30:46	78776.86	394729.65	37.60	Soil	11,100	0.45
08/09/2021	9:30:47	78776.59	394729.94	37.74	Soil	11,760	0.91
08/09/2021	9:30:48	78776.20	394730.53	37.97	Soil	9,660	-0.53
08/09/2021	9:30:49	78776.34	394730.26	37.94	Soil	11,520	0.74
08/09/2021	9:30:50	78776.44	394729.73	37.85	Soil	11,460	0.70
08/09/2021	9:30:51	78776.54	394729.28	37.67	Soil	11,760	0.91
08/09/2021	9:30:52	78776.30	394729.41	37.83	Soil	9,540	-0.61
08/09/2021	9:30:53	78776.13	394729.87	37.95	Soil	10,980	0.37
08/09/2021	9:30:54	78776.11	394730.19	38.10	Soil	11,760	0.91
08/09/2021	9:30:55	78776.08	394730.23	37.97	Soil	11,400	0.66
08/09/2021	9:30:56	78776.15	394729.91	38.02	Soil	10,440	0.00
08/09/2021	9:30:57	78776.29	394729.18	38.10	Soil	10,320	-0.08
08/09/2021	9:30:58	78776.34	394728.68	38.04	Soil	9,900	-0.37
08/09/2021	9:30:59	78776.22	394729.38	37.92	Soil	10,200	-0.16
08/09/2021	9:31:00	78776.14	394729.50	38.00	Soil	9,600	-0.57

SU 7B GWS RESULTS

08/09/2021	9:31:01	78776.23	394729.16	38.16	Soil	10,740	0.21
08/09/2021	9:31:02	78776.23	394728.83	38.09	Soil	11,280	0.58
08/09/2021	9:31:03	78776.06	394729.53	37.99	Soil	11,160	0.50
08/09/2021	9:31:04	78776.15	394729.44	38.11	Soil	11,580	0.78
08/09/2021	9:31:05	78775.82	394729.52	38.15	Soil	10,500	0.04
08/09/2021	9:31:06	78775.77	394729.85	38.28	Soil	11,040	0.41
08/09/2021	9:31:07	78775.83	394729.93	38.41	Soil	10,260	-0.12
08/09/2021	9:31:08	78775.95	394729.82	38.29	Soil	11,100	0.45
08/09/2021	9:31:09	78776.05	394729.46	38.23	Soil	10,680	0.17
08/09/2021	9:31:10	78775.89	394729.59	38.29	Soil	10,320	-0.08
08/09/2021	9:31:11	78775.97	394729.39	38.33	Soil	9,480	-0.65
08/09/2021	9:31:12	78775.99	394728.75	38.40	Soil	11,400	0.66
08/09/2021	9:31:13	78775.80	394728.63	38.40	Soil	10,440	0.00
08/09/2021	9:31:14	78775.68	394729.18	38.31	Soil	10,440	0.00
08/09/2021	9:31:15	78775.68	394729.45	38.32	Soil	11,280	0.58
08/09/2021	9:31:16	78775.46	394729.74	38.39	Soil	9,780	-0.45
08/09/2021	9:31:17	78775.65	394729.66	38.58	Soil	11,100	0.45
08/09/2021	9:31:18	78775.46	394729.65	38.41	Soil	9,900	-0.37
08/09/2021	9:31:19	78775.39	394729.71	38.44	Soil	10,560	0.09
08/09/2021	9:31:20	78775.50	394730.11	38.53	Soil	11,640	0.82
08/09/2021	9:31:21	78775.75	394729.62	38.48	Soil	11,580	0.78
08/09/2021	9:31:22	78775.78	394728.72	38.51	Soil	10,020	-0.28
08/09/2021	9:31:23	78775.58	394728.67	38.50	Soil	10,800	0.25
08/09/2021	9:31:24	78775.57	394729.14	38.44	Soil	9,960	-0.32
08/09/2021	9:31:25	78775.48	394729.29	38.43	Soil	11,280	0.58
08/09/2021	9:31:26	78775.61	394729.49	38.42	Soil	10,980	0.37
08/09/2021	9:31:27	78775.51	394729.98	38.51	Soil	11,760	0.91
08/09/2021	9:31:28	78775.22	394729.89	38.55	Soil	10,440	0.00
08/09/2021	9:31:29	78775.29	394729.60	38.46	Soil	9,420	-0.69
08/09/2021	9:31:30	78775.68	394729.01	38.49	Soil	10,860	0.29
08/09/2021	9:31:31	78775.53	394728.77	38.49	Soil	9,720	-0.49
08/09/2021	9:31:32	78775.40	394728.93	38.53	Soil	11,220	0.54
08/09/2021	9:31:33	78775.34	394729.38	38.49	Soil	10,740	0.21
08/09/2021	9:31:34	78775.45	394729.86	38.57	Soil	9,840	-0.41
08/09/2021	9:31:35	78775.25	394730.14	38.63	Soil	11,220	0.54
08/09/2021	9:31:36	78775.01	394730.27	38.75	Soil	10,200	-0.16
08/09/2021	9:31:37	78775.02	394730.20	38.73	Soil	11,280	0.58
08/09/2021	9:31:38	78775.15	394729.73	38.68	Soil	10,740	0.21
08/09/2021	9:31:39	78775.21	394729.10	38.50	Soil	11,160	0.50
08/09/2021	9:31:40	78775.43	394728.53	38.67	Soil	10,860	0.29
08/09/2021	9:31:41	78775.32	394728.50	38.55	Soil	11,580	0.78
08/09/2021	9:31:42	78775.13	394729.05	38.56	Soil	11,640	0.82
08/09/2021	9:31:43	78774.94	394729.85	38.63	Soil	9,540	-0.61
08/09/2021	9:31:44	78775.07	394730.09	38.68	Soil	9,060	-0.94
08/09/2021	9:31:45	78775.11	394729.65	38.62	Soil	11,700	0.87
08/09/2021	9:31:46	78775.24	394729.46	38.44	Soil	11,460	0.70
08/09/2021	9:31:47	78775.48	394729.27	38.36	Soil	10,200	-0.16
08/09/2021	9:31:48	78774.89	394729.37	38.42	Soil	10,680	0.17
08/09/2021	9:31:49	78774.88	394729.44	38.57	Soil	9,840	-0.41
08/09/2021	9:31:50	78774.97	394729.81	38.64	Soil	9,540	-0.61
08/09/2021	9:31:51	78774.97	394730.13	38.73	Soil	9,600	-0.57

SU 7B GWS RESULTS

08/09/2021	9:31:52	78774.95	394729.98	38.65	Soil	11,700	0.87
08/09/2021	9:31:53	78774.88	394729.52	38.56	Soil	10,080	-0.24
08/09/2021	9:31:54	78774.96	394729.00	38.51	Soil	12,360	1.32
08/09/2021	9:31:55	78775.22	394728.65	38.54	Soil	10,560	0.09
08/09/2021	9:31:56	78775.12	394728.50	38.59	Soil	10,800	0.25
08/09/2021	9:31:57	78774.97	394729.09	38.54	Soil	9,120	-0.90
08/09/2021	9:31:58	78774.82	394729.76	38.52	Soil	8,700	-1.19
08/09/2021	9:31:59	78774.89	394729.54	38.48	Soil	10,500	0.04
08/09/2021	9:32:00	78775.01	394728.97	38.53	Soil	10,740	0.21
08/09/2021	9:32:01	78774.90	394728.69	38.54	Soil	10,680	0.17
08/09/2021	9:32:02	78774.90	394728.64	38.54	Soil	9,720	-0.49
08/09/2021	9:32:03	78774.84	394728.77	38.47	Soil	9,300	-0.78
08/09/2021	9:32:04	78774.82	394729.25	38.50	Soil	10,500	0.04
08/09/2021	9:32:05	78775.02	394729.31	38.27	Soil	12,060	1.11
08/09/2021	9:32:06	78775.25	394728.90	38.35	Soil	10,860	0.29
08/09/2021	9:32:07	78774.98	394728.48	38.44	Soil	10,260	-0.12
08/09/2021	9:32:08	78774.96	394728.70	38.40	Soil	10,860	0.29
08/09/2021	9:32:09	78774.84	394729.07	38.36	Soil	10,440	0.00
08/09/2021	9:32:10	78774.95	394729.22	38.30	Soil	9,660	-0.53
08/09/2021	9:32:11	78774.73	394729.63	38.45	Soil	10,920	0.33
08/09/2021	9:32:12	78774.41	394730.10	38.62	Soil	11,700	0.87
08/09/2021	9:32:13	78774.71	394729.96	38.54	Soil	11,400	0.66
08/09/2021	9:32:14	78774.82	394729.58	38.46	Soil	10,260	-0.12
08/09/2021	9:32:15	78774.44	394729.66	38.57	Soil	10,800	0.25
08/09/2021	9:32:16	78774.37	394729.55	38.61	Soil	10,920	0.33
08/09/2021	9:32:17	78774.78	394729.20	38.56	Soil	11,280	0.58
08/09/2021	9:32:18	78775.02	394728.57	38.55	Soil	12,060	1.11
08/09/2021	9:32:19	78774.91	394728.27	38.47	Soil	12,780	1.60
08/09/2021	9:32:20	78774.69	394728.41	38.43	Soil	9,900	-0.37
08/09/2021	9:32:21	78774.50	394728.81	38.52	Soil	12,120	1.15
08/09/2021	9:32:22	78774.23	394729.33	38.64	Soil	11,100	0.45
08/09/2021	9:32:23	78773.96	394729.82	38.77	Soil	11,160	0.50
08/09/2021	9:32:24	78774.01	394729.79	38.78	Soil	10,620	0.13
08/09/2021	9:32:25	78774.38	394729.03	38.65	Soil	11,040	0.41
08/09/2021	9:32:26	78774.59	394728.28	38.43	Soil	10,380	-0.04
08/09/2021	9:32:27	78774.52	394728.48	38.41	Soil	10,560	0.09
08/09/2021	9:32:28	78774.36	394728.95	38.56	Soil	11,460	0.70
08/09/2021	9:32:29	78774.14	394729.18	38.79	Soil	9,960	-0.32
08/09/2021	9:32:30	78774.17	394729.18	38.84	Soil	11,160	0.50
08/09/2021	9:32:31	78774.24	394728.64	38.78	Soil	10,920	0.33
08/09/2021	9:32:32	78774.29	394728.15	38.81	Soil	10,020	-0.28
08/09/2021	9:32:33	78774.22	394728.38	38.75	Soil	11,940	1.03
08/09/2021	9:32:34	78774.11	394728.95	38.90	Soil	12,120	1.15
08/09/2021	9:32:35	78773.82	394729.23	38.98	Soil	11,760	0.91
08/09/2021	9:32:36	78773.96	394728.98	38.95	Soil	10,920	0.33
08/09/2021	9:32:37	78774.20	394728.16	39.03	Soil	12,360	1.32
08/09/2021	9:32:38	78774.11	394728.01	38.88	Soil	12,180	1.19
08/09/2021	9:32:39	78774.06	394728.48	38.82	Soil	11,940	1.03
08/09/2021	9:32:40	78774.13	394728.49	38.88	Soil	11,760	0.91
08/09/2021	9:32:41	78774.35	394728.16	38.83	Soil	12,120	1.15
08/09/2021	9:32:42	78773.97	394728.21	38.83	Soil	10,620	0.13

SU 7B GWS RESULTS

08/09/2021	9:32:43	78773.71	394728.57	39.04	Soil	11,760	0.91
08/09/2021	9:32:44	78773.54	394728.95	39.14	Soil	10,500	0.04
08/09/2021	9:32:45	78773.30	394729.52	39.25	Soil	10,200	-0.16
08/09/2021	9:32:46	78773.37	394729.49	39.17	Soil	10,980	0.37
08/09/2021	9:32:47	78773.74	394728.68	39.12	Soil	10,740	0.21
08/09/2021	9:32:48	78773.82	394728.29	39.06	Soil	11,100	0.45
08/09/2021	9:32:49	78773.62	394728.96	39.18	Soil	10,980	0.37
08/09/2021	9:32:50	78773.16	394729.56	39.31	Soil	10,080	-0.24
08/09/2021	9:32:51	78773.51	394729.18	39.25	Soil	12,720	1.56
08/09/2021	9:32:52	78773.78	394728.26	39.19	Soil	11,520	0.74
08/09/2021	9:32:53	78773.74	394728.43	39.13	Soil	10,200	-0.16
08/09/2021	9:32:54	78773.56	394728.92	39.26	Soil	10,200	-0.16
08/09/2021	9:32:55	78773.39	394728.97	39.33	Soil	10,440	0.00
08/09/2021	9:32:56	78773.56	394728.66	39.48	Soil	11,880	0.99
08/09/2021	9:32:57	78773.57	394728.66	39.50	Soil	10,020	-0.28
08/09/2021	9:32:58	78773.42	394728.96	39.51	Soil	10,620	0.13
08/09/2021	9:32:59	78773.40	394728.86	39.51	Soil	10,380	-0.04
08/09/2021	9:33:00	78773.50	394728.53	39.53	Soil	12,120	1.15
08/09/2021	9:33:01	78773.51	394728.62	39.50	Soil	9,900	-0.37
08/09/2021	9:33:02	78773.42	394728.89	39.47	Soil	12,240	1.23
08/09/2021	9:33:03	78773.51	394728.66	39.50	Soil	11,040	0.41
08/09/2021	9:33:04	78773.59	394728.32	39.55	Soil	11,100	0.45
08/09/2021	9:33:05	78773.55	394728.32	39.58	Soil	11,040	0.41
08/09/2021	9:33:06	78773.51	394728.45	39.55	Soil	12,060	1.11
08/09/2021	9:33:07	78773.60	394728.25	39.54	Soil	10,440	0.00
08/09/2021	9:33:08	78773.63	394728.06	39.55	Soil	11,580	0.78
08/09/2021	9:33:09	78773.58	394728.19	39.55	Soil	10,140	-0.20
08/09/2021	9:33:10	78773.59	394728.30	39.43	Soil	10,620	0.13
08/09/2021	9:33:11	78773.90	394727.71	39.50	Soil	10,680	0.17
08/09/2021	9:33:12	78774.13	394726.97	39.51	Soil	11,100	0.45
08/09/2021	9:33:13	78773.99	394727.29	39.41	Soil	11,160	0.50
08/09/2021	9:33:14	78773.86	394727.75	39.51	Soil	10,380	-0.04
08/09/2021	9:33:15	78773.67	394728.19	39.52	Soil	10,560	0.09
08/09/2021	9:33:16	78773.63	394728.32	39.46	Soil	11,580	0.78
08/09/2021	9:33:17	78773.87	394727.60	39.52	Soil	11,580	0.78
08/09/2021	9:33:18	78774.00	394726.72	39.68	Soil	9,480	-0.65
08/09/2021	9:33:19	78773.87	394726.68	39.72	Soil	12,000	1.07
08/09/2021	9:33:20	78773.84	394727.25	39.64	Soil	11,220	0.54
08/09/2021	9:33:21	78773.74	394727.68	39.68	Soil	9,600	-0.57
08/09/2021	9:33:22	78773.72	394727.75	39.62	Soil	11,160	0.50
08/09/2021	9:33:23	78773.82	394727.40	39.65	Soil	9,960	-0.32
08/09/2021	9:33:24	78774.02	394726.74	39.71	Soil	10,500	0.04
08/09/2021	9:33:25	78773.98	394726.80	39.68	Soil	11,100	0.45
08/09/2021	9:33:26	78773.83	394727.33	39.70	Soil	10,560	0.09
08/09/2021	9:33:27	78773.79	394727.64	39.74	Soil	11,460	0.70
08/09/2021	9:33:28	78773.77	394727.54	39.69	Soil	10,680	0.17
08/09/2021	9:33:29	78773.84	394727.38	39.67	Soil	10,800	0.25
08/09/2021	9:33:30	78773.83	394727.32	39.63	Soil	10,980	0.37
08/09/2021	9:33:31	78773.82	394727.32	39.61	Soil	12,240	1.23
08/09/2021	9:33:32	78773.84	394727.32	39.57	Soil	11,760	0.91
08/09/2021	9:33:33	78773.93	394727.43	39.58	Soil	9,780	-0.45

SU 7B GWS RESULTS

08/09/2021	9:33:34	78774.06	394727.64	39.56	Soil	11,880	0.99
08/09/2021	9:33:35	78774.05	394727.74	39.32	Soil	12,960	1.73
08/09/2021	9:33:36	78774.18	394727.45	39.39	Soil	9,900	-0.37
08/09/2021	9:33:37	78774.36	394727.13	39.44	Soil	11,340	0.62
08/09/2021	9:33:38	78774.28	394726.74	39.42	Soil	12,420	1.36
08/09/2021	9:33:39	78774.07	394727.40	39.43	Soil	11,100	0.45
08/09/2021	9:33:40	78774.30	394727.80	39.46	Soil	11,100	0.45
08/09/2021	9:33:41	78774.51	394727.34	39.57	Soil	10,440	0.00
08/09/2021	9:33:42	78774.40	394727.27	39.53	Soil	12,300	1.28
08/09/2021	9:33:43	78774.09	394727.97	39.37	Soil	11,280	0.58
08/09/2021	9:33:44	78773.94	394727.94	39.41	Soil	12,600	1.48
08/09/2021	9:33:45	78774.27	394727.53	39.48	Soil	11,520	0.74
08/09/2021	9:33:46	78774.68	394726.98	39.30	Soil	11,640	0.82
08/09/2021	9:33:47	78774.56	394727.40	39.28	Soil	10,140	-0.20
08/09/2021	9:33:48	78774.34	394727.64	39.44	Soil	11,100	0.45
08/09/2021	9:33:49	78774.35	394727.54	39.50	Soil	11,700	0.87
08/09/2021	9:33:50	78774.29	394727.30	39.53	Soil	10,560	0.09
08/09/2021	9:33:51	78774.38	394727.07	39.33	Soil	10,680	0.17
08/09/2021	9:33:52	78774.35	394727.13	39.40	Soil	11,760	0.91
08/09/2021	9:33:53	78774.26	394727.59	39.47	Soil	11,040	0.41
08/09/2021	9:33:54	78774.42	394728.00	39.35	Soil	11,700	0.87
08/09/2021	9:33:55	78774.20	394728.04	39.30	Soil	12,600	1.48
08/09/2021	9:33:56	78774.35	394727.75	39.42	Soil	11,460	0.70
08/09/2021	9:33:57	78774.24	394727.41	39.53	Soil	10,260	-0.12
08/09/2021	9:33:58	78774.17	394727.29	39.51	Soil	10,920	0.33
08/09/2021	9:33:59	78774.20	394727.32	39.52	Soil	11,640	0.82
08/09/2021	9:34:00	78774.27	394727.43	39.56	Soil	9,240	-0.82
08/09/2021	9:34:01	78774.32	394727.79	39.52	Soil	10,800	0.25
08/09/2021	9:34:02	78774.14	394727.99	39.28	Soil	11,040	0.41
08/09/2021	9:34:03	78774.32	394727.72	39.41	Soil	10,440	0.00
08/09/2021	9:34:04	78774.44	394727.22	39.47	Soil	14,580	2.84
08/09/2021	9:34:05	78774.24	394727.08	39.50	Soil	11,880	0.99
08/09/2021	9:34:06	78774.38	394727.11	39.44	Soil	10,260	-0.12
08/09/2021	9:34:07	78774.74	394726.92	39.40	Soil	9,540	-0.61
08/09/2021	9:34:08	78774.66	394727.05	39.37	Soil	11,040	0.41
08/09/2021	9:34:09	78774.54	394727.36	39.39	Soil	12,780	1.60
08/09/2021	9:34:10	78774.66	394727.40	39.34	Soil	12,540	1.44
08/09/2021	9:34:11	78774.63	394727.46	39.29	Soil	10,860	0.29
08/09/2021	9:34:12	78774.48	394728.01	39.23	Soil	12,420	1.36
08/09/2021	9:34:13	78774.28	394728.17	39.19	Soil	10,500	0.04
08/09/2021	9:34:14	78774.53	394727.76	39.18	Soil	12,300	1.28
08/09/2021	9:34:15	78774.54	394727.92	39.19	Soil	12,600	1.48
08/09/2021	9:34:16	78774.51	394728.23	39.12	Soil	11,280	0.58
08/09/2021	9:34:17	78774.69	394727.82	39.12	Soil	10,320	-0.08
08/09/2021	9:34:18	78774.85	394727.73	39.14	Soil	11,880	0.99
08/09/2021	9:34:19	78774.68	394728.02	39.08	Soil	11,940	1.03
08/09/2021	9:34:20	78774.80	394727.64	39.11	Soil	12,120	1.15
08/09/2021	9:34:21	78774.92	394727.22	39.15	Soil	11,640	0.82
08/09/2021	9:34:22	78774.78	394727.03	39.15	Soil	13,980	2.42
08/09/2021	9:34:23	78774.67	394727.42	39.18	Soil	11,580	0.78
08/09/2021	9:34:24	78774.95	394727.38	39.20	Soil	11,280	0.58

SU 7B GWS RESULTS

08/09/2021	9:34:25	78775.21	394727.36	38.97	Soil	11,280	0.58
08/09/2021	9:34:26	78775.06	394727.10	39.04	Soil	10,380	-0.04
08/09/2021	9:34:27	78775.02	394726.86	39.12	Soil	10,920	0.33
08/09/2021	9:34:28	78775.17	394727.07	38.93	Soil	11,700	0.87
08/09/2021	9:34:29	78775.02	394727.55	39.13	Soil	11,340	0.62
08/09/2021	9:34:30	78774.70	394727.73	39.24	Soil	11,640	0.82
08/09/2021	9:34:31	78774.82	394727.44	39.22	Soil	11,880	0.99
08/09/2021	9:34:32	78775.05	394727.41	39.10	Soil	12,480	1.40
08/09/2021	9:34:33	78774.75	394728.06	39.07	Soil	10,920	0.33
08/09/2021	9:34:34	78774.62	394728.05	38.99	Soil	13,260	1.93
08/09/2021	9:34:35	78775.04	394727.72	38.94	Soil	12,300	1.28
08/09/2021	9:34:36	78774.92	394727.41	38.92	Soil	11,220	0.54
08/09/2021	9:34:37	78774.84	394727.73	38.95	Soil	10,260	-0.12
08/09/2021	9:34:38	78774.60	394728.06	38.94	Soil	10,680	0.17
08/09/2021	9:34:39	78774.72	394727.72	38.93	Soil	9,900	-0.37
08/09/2021	9:34:40	78774.42	394727.70	38.97	Soil	11,220	0.54
08/09/2021	9:34:41	78774.61	394728.09	38.94	Soil	13,740	2.26
08/09/2021	9:34:42	78774.89	394728.09	38.79	Soil	10,680	0.17
08/09/2021	9:34:43	78774.78	394727.61	38.79	Soil	10,800	0.25
08/09/2021	9:34:44	78774.74	394727.39	38.89	Soil	12,060	1.11
08/09/2021	9:34:45	78774.78	394727.35	38.79	Soil	11,820	0.95
08/09/2021	9:34:46	78774.92	394727.22	38.67	Soil	11,160	0.50
08/09/2021	9:34:47	78774.77	394727.08	38.78	Soil	10,980	0.37
08/09/2021	9:34:48	78774.68	394727.34	38.79	Soil	11,940	1.03
08/09/2021	9:34:49	78774.70	394728.02	38.70	Soil	10,620	0.13
08/09/2021	9:34:50	78774.78	394727.99	38.64	Soil	10,740	0.21
08/09/2021	9:34:51	78774.94	394727.50	38.63	Soil	10,860	0.29
08/09/2021	9:34:52	78774.98	394727.14	38.64	Soil	10,320	-0.08
08/09/2021	9:34:53	78774.97	394727.08	38.60	Soil	12,840	1.65
08/09/2021	9:34:54	78774.95	394727.88	38.56	Soil	11,880	0.99
08/09/2021	9:34:55	78774.98	394728.11	38.43	Soil	9,960	-0.32
08/09/2021	9:34:56	78775.11	394727.77	38.41	Soil	10,980	0.37
08/09/2021	9:34:57	78775.34	394727.25	38.32	Soil	10,980	0.37
08/09/2021	9:34:58	78775.34	394727.28	38.33	Soil	11,340	0.62
08/09/2021	9:34:59	78775.02	394727.73	38.45	Soil	11,400	0.66
08/09/2021	9:35:00	78774.84	394727.89	38.43	Soil	10,380	-0.04
08/09/2021	9:35:01	78775.02	394727.64	38.45	Soil	9,300	-0.78
08/09/2021	9:35:02	78775.23	394728.07	38.37	Soil	11,520	0.74
08/09/2021	9:35:03	78775.24	394728.14	38.15	Soil	10,560	0.09
08/09/2021	9:35:04	78775.36	394727.97	38.12	Soil	10,980	0.37
08/09/2021	9:35:05	78775.41	394727.62	38.12	Soil	10,740	0.21
08/09/2021	9:35:06	78775.44	394727.39	38.17	Soil	11,280	0.58
08/09/2021	9:35:07	78775.49	394727.70	38.16	Soil	10,440	0.00
08/09/2021	9:35:08	78775.41	394728.17	38.09	Soil	10,860	0.29
08/09/2021	9:35:09	78775.48	394727.89	38.13	Soil	10,320	-0.08
08/09/2021	9:35:10	78775.65	394727.15	38.12	Soil	11,880	0.99
08/09/2021	9:35:11	78775.49	394727.43	38.08	Soil	10,920	0.33
08/09/2021	9:35:12	78775.61	394728.09	38.12	Soil	11,280	0.58
08/09/2021	9:35:13	78775.62	394727.96	38.14	Soil	11,880	0.99
08/09/2021	9:35:14	78775.83	394727.44	38.15	Soil	10,080	-0.24
08/09/2021	9:35:15	78775.72	394727.35	38.12	Soil	11,880	0.99

SU 7B GWS RESULTS

08/09/2021	9:35:16	78775.48	394727.92	38.15	Soil	10,860	0.29
08/09/2021	9:35:17	78775.55	394728.00	38.18	Soil	9,960	-0.32
08/09/2021	9:35:18	78775.90	394727.61	38.12	Soil	10,080	-0.24
08/09/2021	9:35:19	78775.75	394727.84	38.12	Soil	9,540	-0.61
08/09/2021	9:35:20	78775.58	394728.15	38.13	Soil	10,980	0.37
08/09/2021	9:35:21	78775.58	394728.01	38.13	Soil	10,260	-0.12
08/09/2021	9:35:22	78775.78	394727.45	38.19	Soil	11,040	0.41
08/09/2021	9:35:24	78775.84	394727.86	38.17	Soil	12,000	1.07
08/09/2021	9:35:25	78775.77	394728.05	38.16	Soil	10,200	-0.16
08/09/2021	9:35:26	78775.89	394727.70	38.24	Soil	10,140	-0.20
08/09/2021	9:35:27	78775.99	394727.70	38.07	Soil	10,320	-0.08
08/09/2021	9:35:28	78775.96	394728.29	38.13	Soil	12,720	1.56
08/09/2021	9:35:29	78775.78	394728.26	38.11	Soil	10,500	0.04
08/09/2021	9:35:30	78775.91	394728.09	38.15	Soil	11,940	1.03
08/09/2021	9:35:31	78775.95	394727.93	38.18	Soil	11,700	0.87
08/09/2021	9:35:32	78776.07	394727.67	38.18	Soil	11,700	0.87
08/09/2021	9:35:33	78776.05	394727.68	38.16	Soil	10,560	0.09
08/09/2021	9:35:34	78775.98	394727.63	38.17	Soil	10,320	-0.08
08/09/2021	9:35:35	78775.97	394727.62	38.21	Soil	8,880	-1.06
08/09/2021	9:35:36	78776.02	394727.71	38.24	Soil	11,580	0.78
08/09/2021	9:35:37	78775.97	394728.33	38.20	Soil	10,680	0.17
08/09/2021	9:35:38	78775.92	394728.39	38.26	Soil	10,380	-0.04
08/09/2021	9:35:39	78776.10	394727.78	38.31	Soil	10,200	-0.16
08/09/2021	9:35:50	78776.32	394728.21	38.18	Soil	11,100	0.45
08/09/2021	9:35:51	78776.28	394728.55	38.11	Soil	10,080	-0.24
08/09/2021	9:35:52	78776.06	394728.27	38.33	Soil	11,160	0.50
08/09/2021	9:35:53	78776.14	394727.79	38.44	Soil	9,180	-0.86
08/09/2021	9:35:54	78776.14	394728.05	38.45	Soil	12,780	1.60
08/09/2021	9:35:55	78775.98	394728.59	38.12	Soil	10,440	0.00
08/09/2021	9:35:56	78776.05	394728.30	38.06	Soil	10,260	-0.12
08/09/2021	9:35:57	78775.99	394728.45	38.12	Soil	11,880	0.99
08/09/2021	9:35:58	78776.01	394728.41	38.27	Soil	10,680	0.17
08/09/2021	9:35:59	78776.17	394727.88	38.31	Soil	10,080	-0.24
08/09/2021	9:36:02	78776.39	394728.53	38.05	Soil	10,680	0.17
08/09/2021	9:36:03	78776.57	394728.35	38.21	Soil	10,980	0.37
08/09/2021	9:36:15	78776.54	394728.40	38.18	Soil	9,120	-0.90
08/09/2021	9:36:18	78776.65	394728.50	38.18	Soil	10,560	0.09
08/09/2021	9:36:19	78776.57	394728.78	38.05	Soil	10,020	-0.28
08/09/2021	9:36:20	78776.52	394728.65	38.14	Soil	10,380	-0.04
08/09/2021	9:36:21	78776.52	394728.66	38.03	Soil	10,200	-0.16
08/09/2021	9:36:22	78776.82	394728.71	37.96	Soil	12,060	1.11
08/09/2021	9:39:47	78775.53	394727.18	38.41	Soil	12,600	1.48
08/09/2021	9:39:48	78775.59	394727.01	38.45	Soil	9,960	-0.32
08/09/2021	9:40:06	78775.33	394726.65	38.93	Soil	9,780	-0.45
08/09/2021	9:40:07	78775.25	394726.77	39.00	Soil	10,260	-0.12
08/09/2021	9:40:08	78775.25	394726.98	39.00	Soil	11,700	0.87
08/09/2021	9:40:09	78775.31	394727.40	38.88	Soil	11,100	0.45
08/09/2021	9:40:10	78775.38	394727.50	38.91	Soil	11,400	0.66
08/09/2021	9:40:11	78775.44	394727.09	38.88	Soil	11,520	0.74
08/09/2021	9:40:12	78775.46	394726.92	38.95	Soil	9,480	-0.65
08/09/2021	9:40:13	78775.26	394726.88	39.18	Soil	12,600	1.48

SU 7B GWS RESULTS

08/09/2021	9:40:26	78775.15	394726.54	39.18	Soil	11,100	0.45
08/09/2021	9:40:27	78775.20	394726.67	39.19	Soil	9,960	-0.32
08/09/2021	9:40:28	78775.36	394726.82	39.09	Soil	10,920	0.33
08/09/2021	9:40:29	78775.18	394726.86	39.17	Soil	10,860	0.29
08/09/2021	9:40:30	78775.11	394727.01	39.11	Soil	11,220	0.54
08/09/2021	9:40:31	78775.02	394727.19	39.11	Soil	11,580	0.78
08/09/2021	9:40:32	78774.85	394727.49	39.21	Soil	9,600	-0.57
08/09/2021	9:40:33	78774.83	394727.43	39.15	Soil	11,160	0.50
08/09/2021	9:40:34	78774.90	394727.05	39.09	Soil	10,440	0.00
08/09/2021	9:40:35	78775.16	394726.80	39.15	Soil	11,880	0.99
08/09/2021	9:40:41	78774.89	394726.45	39.31	Soil	10,860	0.29
08/09/2021	9:41:00	78774.99	394726.35	39.36	Soil	12,780	1.60
08/09/2021	9:41:01	78774.94	394726.47	39.64	Soil	11,640	0.82
08/09/2021	9:41:02	78775.00	394726.35	39.73	Soil	10,500	0.04
08/09/2021	9:41:05	78774.92	394726.10	39.76	Soil	11,220	0.54
08/09/2021	9:41:08	78774.86	394726.20	39.62	Soil	11,400	0.66
08/09/2021	9:41:09	78774.97	394726.47	39.32	Soil	12,360	1.32
08/09/2021	9:41:10	78774.96	394726.47	39.15	Soil	11,640	0.82
08/09/2021	9:41:11	78774.90	394726.56	39.24	Soil	11,220	0.54
08/09/2021	9:41:12	78774.82	394726.76	39.26	Soil	10,740	0.21
08/09/2021	9:41:13	78774.84	394726.48	39.24	Soil	10,800	0.25
08/09/2021	9:41:14	78774.87	394726.23	39.26	Soil	11,400	0.66
08/09/2021	9:41:15	78774.70	394726.45	39.46	Soil	11,700	0.87
08/09/2021	9:41:16	78774.55	394726.30	39.53	Soil	11,100	0.45
08/09/2021	9:41:19	78774.80	394726.54	39.29	Soil	10,860	0.29
08/09/2021	9:41:20	78774.70	394726.84	39.19	Soil	11,160	0.50
08/09/2021	9:41:21	78774.70	394726.49	39.37	Soil	10,680	0.17
08/09/2021	9:41:22	78774.66	394726.29	39.40	Soil	9,660	-0.53
08/09/2021	9:41:23	78774.64	394726.68	39.34	Soil	10,620	0.13
08/09/2021	9:41:24	78774.55	394727.08	39.23	Soil	12,540	1.44
08/09/2021	9:41:25	78774.45	394726.83	39.35	Soil	9,600	-0.57
08/09/2021	9:41:26	78774.50	394726.52	39.53	Soil	10,200	-0.16
08/09/2021	9:41:27	78774.62	394726.36	39.33	Soil	11,220	0.54
08/09/2021	9:41:30	78774.74	394725.97	39.43	Soil	10,320	-0.08
08/09/2021	9:41:31	78774.42	394726.21	39.52	Soil	10,860	0.29
08/09/2021	9:41:32	78774.47	394726.14	39.47	Soil	11,160	0.50
08/09/2021	9:41:35	78774.69	394725.95	39.48	Soil	10,800	0.25
08/09/2021	9:41:36	78774.66	394725.90	39.48	Soil	9,900	-0.37
08/09/2021	9:41:38	78774.50	394726.00	39.56	Soil	10,380	-0.04
08/09/2021	9:41:39	78774.31	394726.23	39.64	Soil	9,900	-0.37
08/09/2021	9:41:40	78774.29	394726.47	39.56	Soil	11,520	0.74
08/09/2021	9:41:41	78774.14	394726.52	39.61	Soil	10,080	-0.24
08/09/2021	9:41:42	78773.99	394726.53	39.60	Soil	9,660	-0.53
08/09/2021	9:41:43	78774.22	394726.75	39.55	Soil	10,320	-0.08
08/09/2021	9:41:44	78774.39	394726.89	39.63	Soil	11,520	0.74
08/09/2021	9:41:45	78774.44	394727.07	39.30	Soil	10,980	0.37
08/09/2021	9:41:46	78774.37	394727.01	39.12	Soil	13,200	1.89
08/09/2021	9:41:47	78774.35	394726.69	39.19	Soil	13,020	1.77
08/09/2021	9:41:48	78774.20	394726.64	39.29	Soil	11,100	0.45
08/09/2021	9:41:49	78774.12	394726.68	39.50	Soil	10,920	0.33
08/09/2021	9:41:50	78773.99	394726.67	39.64	Soil	13,800	2.30

SU 7B GWS RESULTS

08/09/2021	9:41:51	78774.01	394726.66	39.48	Soil	10,800	0.25
08/09/2021	9:41:52	78774.08	394726.83	39.43	Soil	10,740	0.21
08/09/2021	9:41:53	78773.99	394727.09	39.34	Soil	11,700	0.87
08/09/2021	9:41:54	78774.02	394726.87	39.34	Soil	10,920	0.33
08/09/2021	9:41:55	78774.31	394726.33	39.30	Soil	10,620	0.13
08/09/2021	9:41:56	78774.33	394726.18	39.25	Soil	10,020	-0.28
08/09/2021	9:41:57	78774.15	394726.41	39.27	Soil	9,780	-0.45
08/09/2021	9:41:58	78774.23	394726.51	39.26	Soil	9,600	-0.57
08/09/2021	9:41:59	78774.46	394726.23	39.18	Soil	9,720	-0.49
08/09/2021	9:42:00	78774.30	394726.01	39.18	Soil	11,160	0.50
08/09/2021	9:42:01	78774.04	394726.18	39.23	Soil	12,240	1.23
08/09/2021	9:42:02	78773.97	394726.23	39.21	Soil	11,340	0.62
08/09/2021	9:42:03	78774.07	394725.87	39.22	Soil	11,580	0.78
08/09/2021	9:42:04	78774.14	394725.72	39.15	Soil	13,200	1.89
08/09/2021	9:42:05	78774.17	394725.77	39.26	Soil	12,180	1.19
08/09/2021	9:42:06	78774.18	394725.95	39.22	Soil	11,640	0.82
08/09/2021	9:42:07	78774.12	394726.38	39.13	Soil	11,820	0.95
08/09/2021	9:42:08	78774.05	394726.26	39.13	Soil	11,100	0.45
08/09/2021	9:42:09	78774.04	394726.09	39.16	Soil	9,900	-0.37
08/09/2021	9:42:10	78773.96	394726.64	39.23	Soil	11,520	0.74
08/09/2021	9:42:11	78773.88	394727.22	39.21	Soil	10,200	-0.16
08/09/2021	9:42:12	78773.95	394726.93	39.19	Soil	10,200	-0.16
08/09/2021	9:42:13	78773.99	394726.71	39.19	Soil	11,280	0.58
08/09/2021	9:42:14	78773.92	394727.07	39.46	Soil	11,280	0.58
08/09/2021	9:42:15	78773.82	394726.90	39.37	Soil	12,000	1.07
08/09/2021	9:42:16	78773.87	394726.34	39.40	Soil	10,500	0.04
08/09/2021	9:42:17	78773.90	394726.47	39.40	Soil	9,720	-0.49
08/09/2021	9:42:18	78773.79	394726.80	39.44	Soil	12,540	1.44
08/09/2021	9:42:19	78773.83	394726.50	39.42	Soil	11,280	0.58
08/09/2021	9:42:20	78773.91	394726.25	39.40	Soil	11,940	1.03
08/09/2021	9:42:21	78773.83	394726.44	39.42	Soil	9,480	-0.65
08/09/2021	9:42:22	78773.76	394726.42	39.39	Soil	11,400	0.66
08/09/2021	9:42:23	78773.87	394726.09	39.39	Soil	10,680	0.17
08/09/2021	9:42:24	78773.89	394726.09	39.42	Soil	10,800	0.25
08/09/2021	9:42:25	78773.75	394726.20	39.45	Soil	11,040	0.41
08/09/2021	9:42:26	78773.76	394725.99	39.43	Soil	12,540	1.44
08/09/2021	9:42:27	78773.87	394725.77	39.49	Soil	11,460	0.70
08/09/2021	9:42:28	78773.82	394725.72	39.48	Soil	10,980	0.37
08/09/2021	9:42:29	78773.80	394725.62	39.48	Soil	10,680	0.17
08/09/2021	9:42:30	78773.81	394725.60	39.43	Soil	10,800	0.25
08/09/2021	9:42:31	78773.80	394725.68	39.46	Soil	13,680	2.22
08/09/2021	9:42:32	78773.78	394725.68	39.48	Soil	10,680	0.17
08/09/2021	9:42:33	78773.76	394725.67	39.51	Soil	13,740	2.26
08/09/2021	9:42:34	78773.75	394725.68	39.53	Soil	11,880	0.99
08/09/2021	9:42:35	78773.74	394725.68	39.54	Soil	10,380	-0.04
08/09/2021	9:42:36	78773.75	394725.67	39.55	Soil	11,640	0.82
08/09/2021	9:42:37	78773.75	394725.67	39.55	Soil	11,460	0.70
08/09/2021	9:42:38	78773.75	394725.67	39.64	Soil	11,940	1.03
08/09/2021	9:42:39	78773.76	394725.41	39.92	Soil	10,260	-0.12
08/09/2021	9:42:42	78773.80	394725.32	39.99	Soil	10,020	-0.28
08/09/2021	9:42:43	78773.67	394725.21	40.02	Soil	10,020	-0.28

SU 7B GWS RESULTS

08/09/2021	9:42:47	78773.85	394725.48	39.84	Soil	9,780	-0.45
08/09/2021	9:42:48	78773.85	394726.03	39.58	Soil	12,600	1.48
08/09/2021	9:42:49	78773.79	394726.04	39.37	Soil	11,280	0.58
08/09/2021	9:42:50	78773.88	394725.77	39.35	Soil	11,280	0.58
08/09/2021	9:42:51	78773.94	394725.82	39.40	Soil	13,440	2.06
08/09/2021	9:42:52	78773.87	394725.81	39.39	Soil	11,100	0.45
08/09/2021	9:42:53	78773.87	394725.72	39.41	Soil	10,980	0.37
08/09/2021	9:42:54	78773.87	394725.70	39.38	Soil	10,080	-0.24
08/09/2021	9:42:55	78773.88	394725.72	39.36	Soil	11,640	0.82
08/09/2021	9:42:56	78773.89	394725.74	39.36	Soil	11,580	0.78
08/09/2021	9:42:57	78773.93	394725.82	39.39	Soil	11,940	1.03
08/09/2021	9:42:58	78773.96	394725.86	39.38	Soil	11,280	0.58
08/09/2021	9:42:59	78773.96	394725.79	39.36	Soil	11,340	0.62
08/09/2021	9:43:00	78773.96	394725.79	39.38	Soil	12,540	1.44
08/09/2021	9:43:01	78773.97	394725.76	39.36	Soil	10,860	0.29
08/09/2021	9:43:02	78773.93	394725.69	39.28	Soil	11,100	0.45
08/09/2021	9:43:03	78773.99	394725.75	39.37	Soil	12,060	1.11
08/09/2021	9:43:04	78774.05	394725.61	39.42	Soil	11,220	0.54
08/09/2021	9:43:07	78773.96	394725.67	39.56	Soil	11,940	1.03
08/09/2021	9:43:08	78773.98	394725.96	39.41	Soil	11,340	0.62
08/09/2021	9:43:09	78773.99	394725.56	39.45	Soil	11,640	0.82
08/09/2021	9:43:11	78774.07	394725.60	39.44	Soil	10,800	0.25
08/09/2021	9:43:12	78774.15	394725.63	39.57	Soil	12,540	1.44
08/09/2021	9:43:16	78773.90	394725.45	39.66	Soil	11,940	1.03
08/09/2021	9:43:18	78773.99	394725.52	39.39	Soil	10,380	-0.04
08/09/2021	9:43:19	78774.01	394726.08	39.30	Soil	11,520	0.74
08/09/2021	9:43:20	78774.13	394725.96	39.38	Soil	11,280	0.58
08/09/2021	9:43:24	78774.22	394725.61	39.26	Soil	12,000	1.07
08/09/2021	9:43:25	78774.24	394725.89	39.27	Soil	11,340	0.62
08/09/2021	9:43:26	78774.23	394725.86	39.23	Soil	10,680	0.17
08/09/2021	9:43:31	78774.33	394725.78	39.32	Soil	12,000	1.07
08/09/2021	9:43:32	78774.40	394725.91	39.20	Soil	10,320	-0.08
08/09/2021	9:43:42	78774.50	394725.96	39.19	Soil	13,320	1.97
08/09/2021	9:44:11	78774.62	394725.99	39.26	Soil	11,820	0.95
08/09/2021	9:44:12	78774.48	394725.74	39.27	Soil	11,940	1.03
08/09/2021	14:29:52	78785.61	394736.77	26.68	Soil	8,880	-1.06
08/09/2021	14:29:53	78785.85	394736.03	21.96	Soil	9,300	-0.78
08/09/2021	14:29:54	78784.96	394735.53	24.46	Soil	9,540	-0.61
08/09/2021	14:29:55	78783.49	394736.58	26.71	Soil	9,120	-0.90
08/09/2021	14:29:56	78783.25	394737.34	27.56	Soil	7,680	-1.88
08/09/2021	14:29:57	78783.37	394737.69	28.29	Soil	10,560	0.09
08/09/2021	14:29:58	78783.52	394737.89	28.81	Soil	10,320	-0.08
08/09/2021	14:29:59	78783.71	394738.09	29.56	Soil	9,120	-0.90
08/09/2021	14:30:00	78783.75	394738.43	30.40	Soil	8,400	-1.39
08/09/2021	14:30:01	78783.74	394738.73	31.05	Soil	9,060	-0.94
08/09/2021	14:30:02	78783.78	394738.86	31.36	Soil	9,300	-0.78
08/09/2021	14:30:03	78785.05	394739.06	30.04	Soil	9,060	-0.94
08/09/2021	14:30:04	78787.31	394739.30	31.40	Soil	10,080	-0.24
08/09/2021	14:30:05	78787.67	394739.68	32.70	Soil	9,300	-0.78
08/09/2021	14:30:06	78787.35	394740.38	34.49	Soil	8,640	-1.23
08/09/2021	14:30:07	78786.95	394740.96	35.12	Soil	8,340	-1.43

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08/09/2021	14:30:08	78787.02	394740.90	35.35	Soil	9,360	-0.74
08/09/2021	14:30:09	78787.20	394740.85	35.47	Soil	8,640	-1.23
08/09/2021	14:30:10	78787.22	394740.97	35.42	Soil	10,020	-0.28
08/09/2021	14:30:11	78787.16	394740.90	35.42	Soil	10,680	0.17
08/09/2021	14:30:12	78787.19	394740.71	35.46	Soil	9,360	-0.74
08/09/2021	14:30:13	78787.27	394740.73	35.47	Soil	9,900	-0.37
08/09/2021	14:30:14	78787.27	394740.83	35.47	Soil	8,880	-1.06
08/09/2021	14:30:15	78787.27	394740.75	35.50	Soil	9,960	-0.32
08/09/2021	14:30:16	78787.40	394740.66	35.53	Soil	8,940	-1.02
08/09/2021	14:30:17	78787.45	394740.73	35.50	Soil	10,020	-0.28
08/09/2021	14:30:18	78787.31	394740.77	35.49	Soil	9,540	-0.61
08/09/2021	14:30:19	78787.21	394740.69	35.60	Soil	9,840	-0.41
08/09/2021	14:30:20	78787.29	394740.72	35.57	Soil	10,680	0.17
08/09/2021	14:30:21	78787.36	394740.77	35.58	Soil	9,960	-0.32
08/09/2021	14:30:22	78787.35	394740.70	35.58	Soil	10,260	-0.12
08/09/2021	14:30:23	78787.42	394740.65	35.60	Soil	9,540	-0.61
08/09/2021	14:30:24	78787.51	394740.69	35.48	Soil	10,260	-0.12
08/09/2021	14:30:25	78787.42	394740.74	35.42	Soil	10,500	0.04
08/09/2021	14:30:26	78787.30	394740.71	35.39	Soil	9,180	-0.86
08/09/2021	14:30:27	78787.33	394740.68	35.79	Soil	10,380	-0.04
08/09/2021	14:30:28	78787.40	394740.72	36.02	Soil	10,740	0.21
08/09/2021	14:30:29	78787.35	394740.70	36.09	Soil	10,620	0.13
08/09/2021	14:30:30	78787.28	394740.64	36.13	Soil	8,580	-1.27
08/09/2021	14:30:31	78787.30	394740.66	36.15	Soil	8,160	-1.56
08/09/2021	14:30:32	78787.34	394740.70	36.38	Soil	9,300	-0.78
08/09/2021	14:30:33	78787.33	394740.70	36.40	Soil	9,540	-0.61
08/09/2021	14:30:34	78787.35	394740.70	36.40	Soil	10,380	-0.04
08/09/2021	14:30:35	78787.41	394740.71	36.38	Soil	10,980	0.37
08/09/2021	14:30:36	78787.42	394740.72	36.37	Soil	9,840	-0.41
08/09/2021	14:30:37	78787.38	394740.71	36.37	Soil	9,600	-0.57
08/09/2021	14:30:38	78787.39	394740.69	36.38	Soil	8,220	-1.52
08/09/2021	14:30:39	78787.40	394740.69	36.38	Soil	8,100	-1.60
08/09/2021	14:30:40	78787.38	394740.69	36.37	Soil	9,780	-0.45
08/09/2021	14:30:41	78787.40	394740.69	36.38	Soil	9,600	-0.57
08/09/2021	14:30:42	78787.44	394740.68	36.38	Soil	9,420	-0.69
08/09/2021	14:30:43	78787.42	394740.68	36.37	Soil	8,880	-1.06
08/09/2021	14:30:44	78787.39	394740.67	36.38	Soil	10,440	0.00
08/09/2021	14:30:45	78787.41	394740.66	36.37	Soil	10,380	-0.04
08/09/2021	14:30:46	78787.45	394740.66	36.36	Soil	7,980	-1.68
08/09/2021	14:30:50	78787.45	394740.64	36.32	Soil	9,000	-0.98
08/09/2021	14:30:51	78787.43	394740.63	36.30	Soil	8,700	-1.19
08/09/2021	14:30:52	78787.42	394740.61	36.31	Soil	10,620	0.13
08/09/2021	14:30:53	78787.44	394740.60	36.32	Soil	8,160	-1.56
08/09/2021	14:30:54	78787.37	394740.58	36.73	Soil	10,440	0.00
08/09/2021	14:30:55	78787.25	394740.52	37.05	Soil	10,200	-0.16
08/09/2021	14:30:56	78787.25	394740.47	37.32	Soil	10,080	-0.24
08/09/2021	14:30:57	78787.28	394740.38	38.02	Soil	11,400	0.66
08/09/2021	14:30:58	78787.20	394740.30	38.28	Soil	9,240	-0.82
08/09/2021	14:30:59	78787.21	394740.34	38.78	Soil	9,600	-0.57
08/09/2021	14:31:00	78787.15	394740.18	39.12	Soil	9,780	-0.45
08/09/2021	14:31:01	78787.17	394740.08	39.02	Soil	9,240	-0.82

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08/09/2021	14:31:02	78787.20	394739.98	38.65	Soil	10,320	-0.08
08/09/2021	14:31:03	78787.18	394739.81	38.63	Soil	8,160	-1.56
08/09/2021	14:31:04	78787.22	394739.84	38.55	Soil	8,760	-1.15
08/09/2021	14:31:05	78787.24	394739.87	38.53	Soil	10,320	-0.08
08/09/2021	14:31:06	78787.25	394739.87	38.51	Soil	9,360	-0.74
08/09/2021	14:31:07	78787.24	394739.89	38.54	Soil	9,360	-0.74
08/09/2021	14:31:08	78787.20	394739.87	38.51	Soil	10,200	-0.16
08/09/2021	14:31:09	78787.18	394739.90	38.52	Soil	8,760	-1.15
08/09/2021	14:31:10	78787.16	394739.89	38.50	Soil	9,300	-0.78
08/09/2021	14:31:11	78787.15	394739.90	38.47	Soil	9,360	-0.74
08/09/2021	14:31:12	78787.13	394739.89	38.44	Soil	11,220	0.54
08/09/2021	14:31:13	78787.13	394739.89	38.37	Soil	10,680	0.17
08/09/2021	14:31:14	78787.12	394739.88	38.27	Soil	9,840	-0.41
08/09/2021	14:31:15	78787.12	394739.88	38.15	Soil	8,940	-1.02
08/09/2021	14:31:16	78787.17	394739.88	38.03	Soil	9,720	-0.49
08/09/2021	14:31:17	78787.19	394739.88	37.89	Soil	8,460	-1.35
08/09/2021	14:31:18	78787.21	394739.87	37.66	Soil	9,180	-0.86
08/09/2021	14:31:19	78787.26	394739.89	37.31	Soil	9,600	-0.57
08/09/2021	14:31:20	78787.32	394739.95	36.97	Soil	8,940	-1.02
08/09/2021	14:31:21	78787.39	394739.96	36.68	Soil	8,700	-1.19
08/09/2021	14:31:22	78787.43	394739.94	36.47	Soil	7,920	-1.72
08/09/2021	14:31:23	78787.43	394739.94	36.20	Soil	8,760	-1.15
08/09/2021	14:31:24	78787.41	394740.04	36.57	Soil	8,400	-1.39
08/09/2021	14:31:25	78787.44	394740.14	36.55	Soil	9,780	-0.45
08/09/2021	14:31:26	78787.47	394740.18	36.54	Soil	9,540	-0.61
08/09/2021	14:31:27	78787.51	394740.17	36.51	Soil	11,340	0.62
08/09/2021	14:31:28	78787.53	394740.21	36.47	Soil	7,920	-1.72
08/09/2021	14:31:29	78787.54	394740.23	36.46	Soil	9,300	-0.78
08/09/2021	14:31:30	78787.57	394740.18	36.45	Soil	10,020	-0.28
08/09/2021	14:31:31	78787.56	394740.12	36.20	Soil	10,080	-0.24
08/09/2021	14:31:32	78787.54	394740.10	35.84	Soil	9,660	-0.53
08/09/2021	14:31:33	78787.54	394740.05	36.01	Soil	9,360	-0.74
08/09/2021	14:31:34	78787.53	394740.10	35.87	Soil	8,640	-1.23
08/09/2021	14:31:35	78787.52	394740.18	35.73	Soil	10,560	0.09
08/09/2021	14:31:36	78787.68	394740.17	35.83	Soil	9,420	-0.69
08/09/2021	14:31:37	78787.70	394740.11	35.72	Soil	8,880	-1.06
08/09/2021	14:31:38	78787.60	394740.16	35.70	Soil	9,660	-0.53
08/09/2021	14:31:39	78787.69	394740.23	35.72	Soil	8,400	-1.39
08/09/2021	14:31:40	78787.81	394740.11	35.70	Soil	9,900	-0.37
08/09/2021	14:31:41	78787.73	394740.13	35.65	Soil	8,520	-1.31
08/09/2021	14:31:42	78787.67	394740.23	35.65	Soil	9,300	-0.78
08/09/2021	14:31:43	78787.79	394740.14	35.65	Soil	9,480	-0.65
08/09/2021	14:31:44	78787.78	394740.13	35.55	Soil	9,420	-0.69
08/09/2021	14:31:45	78787.67	394740.36	35.51	Soil	10,380	-0.04
08/09/2021	14:31:46	78787.69	394740.55	35.50	Soil	9,180	-0.86
08/09/2021	14:31:47	78787.79	394740.46	35.50	Soil	8,760	-1.15
08/09/2021	14:31:48	78787.85	394740.43	35.47	Soil	8,400	-1.39
08/09/2021	14:31:49	78787.76	394740.39	35.46	Soil	8,880	-1.06
08/09/2021	14:31:50	78787.73	394740.36	35.45	Soil	9,540	-0.61
08/09/2021	14:31:51	78787.78	394740.40	35.46	Soil	9,180	-0.86
08/09/2021	14:31:52	78787.80	394740.47	35.44	Soil	9,300	-0.78

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08/09/2021	14:31:53	78787.80	394740.43	35.44	Soil	9,540	-0.61
08/09/2021	14:31:54	78787.78	394740.34	35.42	Soil	8,100	-1.60
08/09/2021	14:31:55	78787.77	394740.32	35.41	Soil	10,080	-0.24
08/09/2021	14:31:56	78787.78	394740.30	35.42	Soil	10,380	-0.04
08/09/2021	14:31:57	78787.77	394740.20	35.39	Soil	9,900	-0.37
08/09/2021	14:31:58	78787.75	394740.21	35.39	Soil	8,760	-1.15
08/09/2021	14:31:59	78787.77	394740.36	35.37	Soil	8,520	-1.31
08/09/2021	14:32:00	78787.76	394740.25	35.40	Soil	10,200	-0.16
08/09/2021	14:32:01	78787.73	394740.18	35.39	Soil	9,060	-0.94
08/09/2021	14:32:02	78787.69	394740.27	35.47	Soil	9,420	-0.69
08/09/2021	14:32:03	78787.63	394740.21	35.55	Soil	9,480	-0.65
08/09/2021	14:32:04	78787.60	394740.17	35.59	Soil	8,280	-1.47
08/09/2021	14:32:05	78787.57	394740.28	35.68	Soil	8,400	-1.39
08/09/2021	14:32:06	78787.51	394740.27	35.70	Soil	9,360	-0.74
08/09/2021	14:32:07	78787.49	394740.19	35.67	Soil	9,720	-0.49
08/09/2021	14:32:08	78787.59	394740.28	35.69	Soil	8,580	-1.27
08/09/2021	14:32:09	78787.67	394740.37	35.91	Soil	10,500	0.04
08/09/2021	14:32:10	78787.66	394740.33	36.35	Soil	10,320	-0.08
08/09/2021	14:32:11	78787.61	394740.31	36.62	Soil	9,480	-0.65
08/09/2021	14:32:12	78787.66	394740.36	37.02	Soil	9,600	-0.57
08/09/2021	14:32:13	78787.69	394740.35	37.33	Soil	9,960	-0.32
08/09/2021	14:32:14	78787.63	394740.44	37.65	Soil	11,400	0.66
08/09/2021	14:32:15	78787.61	394740.45	37.72	Soil	10,920	0.33
08/09/2021	14:32:16	78787.67	394740.39	37.63	Soil	10,380	-0.04
08/09/2021	14:32:17	78787.70	394740.41	37.43	Soil	9,420	-0.69
08/09/2021	14:32:18	78787.68	394740.33	37.13	Soil	10,440	0.00
08/09/2021	14:32:19	78787.68	394740.38	36.76	Soil	9,960	-0.32
08/09/2021	14:32:20	78787.73	394740.51	36.42	Soil	9,300	-0.78
08/09/2021	14:32:21	78787.90	394740.37	36.13	Soil	9,660	-0.53
08/09/2021	14:32:22	78788.08	394740.26	35.94	Soil	10,560	0.09
08/09/2021	14:32:23	78788.19	394740.37	35.74	Soil	8,700	-1.19
08/09/2021	14:32:24	78788.24	394740.46	35.51	Soil	10,140	-0.20
08/09/2021	14:32:25	78788.26	394740.31	35.31	Soil	11,580	0.78
08/09/2021	14:32:26	78788.23	394740.05	35.31	Soil	11,280	0.58
08/09/2021	14:32:27	78788.08	394740.08	35.29	Soil	9,120	-0.90
08/09/2021	14:32:28	78787.98	394740.45	35.39	Soil	10,080	-0.24
08/09/2021	14:32:29	78788.08	394740.43	35.18	Soil	11,280	0.58
08/09/2021	14:32:30	78788.29	394739.90	34.97	Soil	8,460	-1.35
08/09/2021	14:32:31	78788.34	394739.55	35.08	Soil	7,920	-1.72
08/09/2021	14:32:32	78788.21	394739.75	35.17	Soil	9,720	-0.49
08/09/2021	14:32:33	78788.11	394740.24	35.22	Soil	9,300	-0.78
08/09/2021	14:32:34	78788.17	394740.52	35.25	Soil	9,900	-0.37
08/09/2021	14:32:35	78788.26	394740.50	35.42	Soil	9,600	-0.57
08/09/2021	14:32:36	78788.34	394740.39	35.45	Soil	9,600	-0.57
08/09/2021	14:32:37	78788.34	394740.04	35.39	Soil	10,620	0.13
08/09/2021	14:32:38	78788.22	394740.12	35.53	Soil	11,280	0.58
08/09/2021	14:32:39	78787.98	394740.73	35.61	Soil	10,200	-0.16
08/09/2021	14:32:40	78788.08	394740.77	35.30	Soil	7,740	-1.84
08/09/2021	14:32:41	78788.35	394740.21	35.34	Soil	10,080	-0.24
08/09/2021	14:32:42	78788.29	394740.20	35.57	Soil	10,140	-0.20
08/09/2021	14:32:43	78788.11	394740.67	35.56	Soil	9,420	-0.69

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08/09/2021	14:32:44	78788.24	394740.47	35.48	Soil	11,400	0.66
08/09/2021	14:32:45	78788.59	394739.98	35.51	Soil	10,860	0.29
08/09/2021	14:32:46	78788.61	394740.26	35.64	Soil	13,020	1.77
08/09/2021	14:32:47	78788.27	394740.88	35.76	Soil	9,720	-0.49
08/09/2021	14:32:48	78788.13	394740.70	35.45	Soil	10,740	0.21
08/09/2021	14:32:49	78788.28	394740.10	35.34	Soil	8,940	-1.02
08/09/2021	14:32:50	78788.36	394740.11	35.56	Soil	10,380	-0.04
08/09/2021	14:32:51	78788.20	394740.88	35.98	Soil	9,720	-0.49
08/09/2021	14:32:52	78788.28	394741.29	35.71	Soil	8,760	-1.15
08/09/2021	14:32:53	78788.65	394740.49	35.45	Soil	10,920	0.33
08/09/2021	14:32:54	78788.67	394739.94	35.41	Soil	9,180	-0.86
08/09/2021	14:32:55	78788.57	394740.04	35.53	Soil	10,500	0.04
08/09/2021	14:32:56	78788.64	394739.81	35.34	Soil	10,320	-0.08
08/09/2021	14:32:57	78788.77	394739.14	35.29	Soil	8,160	-1.56
08/09/2021	14:32:58	78788.47	394739.46	35.36	Soil	8,640	-1.23
08/09/2021	14:32:59	78788.30	394739.94	35.24	Soil	10,860	0.29
08/09/2021	14:33:00	78788.47	394739.61	35.23	Soil	10,620	0.13
08/09/2021	14:33:01	78788.43	394739.34	35.25	Soil	8,760	-1.15
08/09/2021	14:33:02	78788.31	394739.54	35.26	Soil	9,360	-0.74
08/09/2021	14:33:03	78788.37	394739.76	35.35	Soil	10,080	-0.24
08/09/2021	14:33:04	78788.46	394739.81	35.36	Soil	9,960	-0.32
08/09/2021	14:33:05	78788.35	394739.82	35.35	Soil	10,500	0.04
08/09/2021	14:33:06	78788.32	394739.90	35.33	Soil	10,500	0.04
08/09/2021	14:33:07	78788.36	394739.91	35.32	Soil	11,220	0.54
08/09/2021	14:33:08	78788.35	394739.92	35.29	Soil	9,660	-0.53
08/09/2021	14:33:09	78788.35	394739.94	35.28	Soil	11,520	0.74
08/09/2021	14:33:10	78788.36	394739.93	35.26	Soil	9,900	-0.37
08/09/2021	14:33:11	78788.37	394739.93	35.25	Soil	10,860	0.29
08/09/2021	14:33:12	78788.38	394739.93	35.23	Soil	9,360	-0.74
08/09/2021	14:33:13	78788.39	394739.92	35.22	Soil	10,620	0.13
08/09/2021	14:33:14	78788.40	394739.92	35.20	Soil	10,440	0.00
08/09/2021	14:33:15	78788.41	394739.92	35.18	Soil	9,480	-0.65
08/09/2021	14:33:16	78788.41	394739.92	35.16	Soil	9,360	-0.74
08/09/2021	14:33:17	78788.42	394739.92	35.14	Soil	11,280	0.58
08/09/2021	14:33:18	78788.43	394739.92	35.11	Soil	10,740	0.21
08/09/2021	14:33:19	78788.44	394739.92	35.10	Soil	10,680	0.17
08/09/2021	14:33:20	78788.44	394739.91	35.09	Soil	10,320	-0.08
08/09/2021	14:33:21	78788.45	394739.91	35.07	Soil	10,200	-0.16
08/09/2021	14:33:22	78788.46	394739.91	35.05	Soil	10,440	0.00
08/09/2021	14:33:23	78788.44	394739.94	34.98	Soil	10,200	-0.16
08/09/2021	14:33:24	78788.46	394739.97	35.03	Soil	10,560	0.09
08/09/2021	14:33:25	78788.64	394739.75	35.10	Soil	11,280	0.58
08/09/2021	14:33:26	78788.79	394739.40	35.18	Soil	9,300	-0.78
08/09/2021	14:33:27	78788.86	394739.53	35.32	Soil	9,660	-0.53
08/09/2021	14:33:28	78788.57	394740.27	35.33	Soil	10,500	0.04
08/09/2021	14:33:29	78788.65	394740.05	35.33	Soil	9,660	-0.53
08/09/2021	14:33:30	78788.81	394739.41	35.25	Soil	9,900	-0.37
08/09/2021	14:33:31	78788.53	394739.62	35.29	Soil	9,120	-0.90
08/09/2021	14:33:32	78788.15	394739.89	35.12	Soil	11,040	0.41
08/09/2021	14:33:33	78788.26	394739.49	35.08	Soil	10,260	-0.12
08/09/2021	14:33:34	78788.61	394739.21	34.99	Soil	9,060	-0.94

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08/09/2021	14:33:35	78788.29	394739.77	34.99	Soil	9,000	-0.98
08/09/2021	14:33:36	78788.10	394739.99	35.00	Soil	8,820	-1.10
08/09/2021	14:33:37	78788.51	394739.62	35.19	Soil	10,500	0.04
08/09/2021	14:33:38	78788.64	394739.42	35.16	Soil	8,760	-1.15
08/09/2021	14:33:39	78788.35	394739.78	35.14	Soil	8,640	-1.23
08/09/2021	14:33:40	78788.20	394739.76	35.16	Soil	9,840	-0.41
08/09/2021	14:33:41	78788.53	394739.29	35.22	Soil	9,900	-0.37
08/09/2021	14:33:42	78788.66	394739.31	35.27	Soil	8,700	-1.19
08/09/2021	14:33:43	78788.47	394739.91	35.41	Soil	10,680	0.17
08/09/2021	14:33:44	78788.45	394739.97	35.61	Soil	10,140	-0.20
08/09/2021	14:33:45	78788.66	394739.62	36.26	Soil	8,820	-1.10
08/09/2021	14:33:46	78788.61	394739.81	36.69	Soil	9,660	-0.53
08/09/2021	14:33:47	78788.43	394740.03	37.05	Soil	9,480	-0.65
08/09/2021	14:33:48	78788.59	394739.88	37.10	Soil	8,880	-1.06
08/09/2021	14:33:49	78788.71	394739.69	37.02	Soil	10,440	0.00
08/09/2021	14:33:50	78788.53	394739.87	36.87	Soil	9,960	-0.32
08/09/2021	14:33:51	78788.55	394740.03	36.56	Soil	10,980	0.37
08/09/2021	14:33:52	78788.95	394739.85	36.29	Soil	8,940	-1.02
08/09/2021	14:33:53	78789.13	394739.75	36.42	Soil	10,380	-0.04
08/09/2021	14:33:54	78789.09	394739.73	36.53	Soil	10,200	-0.16
08/09/2021	14:33:55	78789.29	394739.54	36.35	Soil	9,900	-0.37
08/09/2021	14:33:56	78789.51	394739.45	36.15	Soil	9,720	-0.49
08/09/2021	14:33:57	78789.48	394739.57	36.16	Soil	9,300	-0.78
08/09/2021	14:33:58	78789.50	394739.55	35.98	Soil	9,480	-0.65
08/09/2021	14:33:59	78789.61	394739.47	36.10	Soil	8,760	-1.15
08/09/2021	14:34:00	78789.61	394739.55	35.99	Soil	9,540	-0.61
08/09/2021	14:34:01	78789.59	394739.57	36.00	Soil	9,660	-0.53
08/09/2021	14:34:02	78789.64	394739.59	35.96	Soil	8,940	-1.02
08/09/2021	14:34:03	78789.59	394739.53	35.92	Soil	8,640	-1.23
08/09/2021	14:34:04	78789.51	394739.49	35.87	Soil	9,600	-0.57
08/09/2021	14:34:05	78789.37	394739.48	35.82	Soil	10,140	-0.20
08/09/2021	14:34:06	78789.28	394739.54	35.79	Soil	9,540	-0.61
08/09/2021	14:34:07	78789.22	394739.56	35.66	Soil	9,060	-0.94
08/09/2021	14:34:08	78789.11	394739.56	35.73	Soil	9,360	-0.74
08/09/2021	14:34:09	78789.29	394739.62	35.77	Soil	9,840	-0.41
08/09/2021	14:34:10	78789.50	394739.51	35.71	Soil	9,120	-0.90
08/09/2021	14:34:11	78789.46	394739.41	35.75	Soil	8,220	-1.52
08/09/2021	14:34:12	78789.53	394739.50	35.73	Soil	10,080	-0.24
08/09/2021	14:34:13	78789.30	394739.39	35.67	Soil	10,080	-0.24
08/09/2021	14:34:14	78789.17	394739.47	35.76	Soil	10,320	-0.08
08/09/2021	14:34:15	78789.19	394739.68	35.66	Soil	8,700	-1.19
08/09/2021	14:34:16	78788.95	394739.63	35.46	Soil	8,400	-1.39
08/09/2021	14:34:17	78788.83	394739.49	35.44	Soil	10,860	0.29
08/09/2021	14:34:18	78788.79	394739.24	35.38	Soil	9,240	-0.82
08/09/2021	14:34:19	78788.74	394738.98	35.08	Soil	9,000	-0.98
08/09/2021	14:34:20	78788.65	394739.15	35.07	Soil	8,760	-1.15
08/09/2021	14:34:21	78788.43	394739.57	35.20	Soil	9,900	-0.37
08/09/2021	14:34:22	78788.27	394739.69	35.20	Soil	10,860	0.29
08/09/2021	14:34:23	78788.34	394739.36	35.12	Soil	9,480	-0.65
08/09/2021	14:34:24	78788.37	394739.14	35.01	Soil	9,420	-0.69
08/09/2021	14:34:25	78788.25	394739.62	35.01	Soil	10,740	0.21

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08/09/2021	14:34:26	78788.13	394739.79	35.01	Soil	8,880	-1.06
08/09/2021	14:34:27	78788.19	394739.27	34.99	Soil	9,120	-0.90
08/09/2021	14:34:28	78788.19	394739.35	35.17	Soil	8,880	-1.06
08/09/2021	14:34:29	78788.03	394739.93	35.26	Soil	11,760	0.91
08/09/2021	14:34:30	78788.03	394740.01	35.27	Soil	10,320	-0.08
08/09/2021	14:34:31	78788.26	394739.69	35.35	Soil	9,480	-0.65
08/09/2021	14:34:32	78788.23	394739.78	35.50	Soil	9,720	-0.49
08/09/2021	14:34:33	78787.85	394740.41	35.53	Soil	8,880	-1.06
08/09/2021	14:34:34	78787.84	394740.36	35.34	Soil	9,000	-0.98
08/09/2021	14:34:35	78788.24	394739.75	35.29	Soil	10,020	-0.28
08/09/2021	14:34:36	78788.17	394739.82	35.51	Soil	9,120	-0.90
08/09/2021	14:34:37	78787.81	394740.44	35.52	Soil	9,480	-0.65
08/09/2021	14:34:38	78787.97	394740.35	35.34	Soil	8,940	-1.02
08/09/2021	14:34:39	78788.44	394739.70	35.32	Soil	9,660	-0.53
08/09/2021	14:34:40	78788.47	394739.80	35.55	Soil	8,760	-1.15
08/09/2021	14:34:41	78788.30	394740.55	36.04	Soil	10,920	0.33
08/09/2021	14:34:42	78788.58	394740.58	35.76	Soil	10,620	0.13
08/09/2021	14:34:43	78788.94	394739.92	35.57	Soil	10,200	-0.16
08/09/2021	14:34:44	78788.88	394739.57	35.51	Soil	8,940	-1.02
08/09/2021	14:34:45	78788.74	394740.14	35.58	Soil	11,100	0.45
08/09/2021	14:34:46	78788.69	394740.38	35.53	Soil	9,120	-0.90
08/09/2021	14:34:47	78788.91	394739.97	35.53	Soil	11,460	0.70
08/09/2021	14:34:48	78789.18	394739.78	35.59	Soil	9,180	-0.86
08/09/2021	14:34:49	78789.24	394739.73	35.70	Soil	9,060	-0.94
08/09/2021	14:34:50	78788.97	394739.94	35.80	Soil	9,000	-0.98
08/09/2021	14:34:51	78788.56	394740.50	35.83	Soil	10,680	0.17
08/09/2021	14:34:52	78788.70	394740.62	35.86	Soil	9,060	-0.94
08/09/2021	14:34:53	78788.92	394740.39	35.84	Soil	10,140	-0.20
08/09/2021	14:34:54	78788.57	394740.84	36.06	Soil	11,220	0.54
08/09/2021	14:34:55	78788.26	394741.30	35.92	Soil	8,760	-1.15
08/09/2021	14:34:56	78788.63	394740.86	35.79	Soil	9,900	-0.37
08/09/2021	14:34:57	78788.94	394740.53	35.92	Soil	9,660	-0.53
08/09/2021	14:34:58	78788.62	394740.99	36.09	Soil	9,720	-0.49
08/09/2021	14:34:59	78788.59	394741.09	35.86	Soil	10,140	-0.20
08/09/2021	14:35:00	78789.06	394740.46	35.86	Soil	8,580	-1.27
08/09/2021	14:35:01	78789.28	394740.51	35.93	Soil	9,660	-0.53
08/09/2021	14:35:02	78789.00	394741.01	35.88	Soil	9,120	-0.90
08/09/2021	14:35:03	78788.93	394740.64	35.88	Soil	11,040	0.41
08/09/2021	14:35:04	78789.21	394740.06	35.80	Soil	8,580	-1.27
08/09/2021	14:35:05	78789.37	394739.76	35.93	Soil	9,120	-0.90
08/09/2021	14:35:06	78789.42	394739.95	35.99	Soil	8,880	-1.06
08/09/2021	14:35:07	78789.49	394740.26	35.93	Soil	9,540	-0.61
08/09/2021	14:35:08	78789.37	394740.62	35.94	Soil	10,800	0.25
08/09/2021	14:35:09	78789.32	394740.90	36.01	Soil	9,360	-0.74
08/09/2021	14:35:10	78789.59	394740.53	36.09	Soil	10,680	0.17
08/09/2021	14:35:11	78789.70	394740.20	36.06	Soil	11,520	0.74
08/09/2021	14:35:12	78789.44	394740.46	36.07	Soil	9,540	-0.61
08/09/2021	14:35:13	78789.17	394741.02	36.12	Soil	10,740	0.21
08/09/2021	14:35:14	78789.43	394740.81	36.16	Soil	8,760	-1.15
08/09/2021	14:35:15	78789.79	394740.23	36.19	Soil	11,400	0.66
08/09/2021	14:35:16	78789.68	394740.32	36.30	Soil	10,440	0.00

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08/09/2021	14:35:17	78789.39	394740.83	36.33	Soil	11,100	0.45
08/09/2021	14:35:18	78789.46	394740.69	36.40	Soil	10,200	-0.16
08/09/2021	14:35:19	78789.90	394740.27	36.36	Soil	10,980	0.37
08/09/2021	14:35:20	78789.87	394740.25	36.30	Soil	9,600	-0.57
08/09/2021	14:35:21	78789.64	394740.53	36.33	Soil	10,620	0.13
08/09/2021	14:35:22	78789.67	394740.68	36.45	Soil	10,620	0.13
08/09/2021	14:35:23	78789.79	394740.46	36.45	Soil	10,020	-0.28
08/09/2021	14:35:24	78790.02	394740.08	36.42	Soil	9,000	-0.98
08/09/2021	14:35:25	78790.02	394740.22	36.43	Soil	9,900	-0.37
08/09/2021	14:35:26	78789.74	394740.59	36.50	Soil	10,800	0.25
08/09/2021	14:35:27	78789.65	394740.69	36.49	Soil	10,320	-0.08
08/09/2021	14:35:28	78790.01	394740.45	36.46	Soil	9,780	-0.45
08/09/2021	14:35:29	78789.97	394740.60	36.60	Soil	11,220	0.54
08/09/2021	14:35:30	78789.69	394741.02	36.57	Soil	10,140	-0.20
08/09/2021	14:35:31	78789.93	394740.87	36.49	Soil	10,320	-0.08
08/09/2021	14:35:32	78790.26	394740.35	36.45	Soil	10,380	-0.04
08/09/2021	14:35:33	78790.08	394740.26	36.51	Soil	10,560	0.09
08/09/2021	14:35:34	78789.99	394740.28	36.43	Soil	10,680	0.17
08/09/2021	14:35:35	78790.33	394740.08	36.39	Soil	10,200	-0.16
08/09/2021	14:35:36	78790.25	394740.06	36.36	Soil	10,620	0.13
08/09/2021	14:35:37	78789.94	394740.21	36.45	Soil	9,720	-0.49
08/09/2021	14:35:38	78789.88	394740.13	36.32	Soil	9,120	-0.90
08/09/2021	14:35:39	78789.95	394740.07	36.36	Soil	10,260	-0.12
08/09/2021	14:35:40	78790.06	394740.18	36.53	Soil	9,360	-0.74
08/09/2021	14:35:41	78790.20	394740.42	36.66	Soil	10,740	0.21
08/09/2021	14:35:42	78790.11	394740.74	36.76	Soil	10,560	0.09
08/09/2021	14:35:43	78790.34	394740.78	36.70	Soil	10,680	0.17
08/09/2021	14:35:44	78790.53	394740.62	36.77	Soil	10,560	0.09
08/09/2021	14:35:45	78790.34	394740.89	36.91	Soil	10,860	0.29
08/09/2021	14:35:46	78790.28	394741.20	36.89	Soil	10,560	0.09
08/09/2021	14:35:47	78790.60	394740.81	36.71	Soil	9,120	-0.90
08/09/2021	14:35:48	78790.71	394740.43	36.80	Soil	10,080	-0.24
08/09/2021	14:35:49	78790.61	394740.62	36.93	Soil	12,420	1.36
08/09/2021	14:35:50	78790.45	394741.18	36.95	Soil	9,960	-0.32
08/09/2021	14:35:51	78790.63	394741.02	36.79	Soil	9,900	-0.37
08/09/2021	14:35:52	78790.85	394740.53	36.76	Soil	10,140	-0.20
08/09/2021	14:35:53	78790.70	394740.47	36.92	Soil	9,480	-0.65
08/09/2021	14:35:54	78790.55	394740.92	36.97	Soil	9,780	-0.45
08/09/2021	14:35:55	78790.70	394741.02	36.91	Soil	10,260	-0.12
08/09/2021	14:35:56	78790.97	394740.41	36.92	Soil	9,660	-0.53
08/09/2021	14:35:57	78791.10	394740.29	36.93	Soil	9,540	-0.61
08/09/2021	14:35:58	78790.64	394740.66	36.95	Soil	9,960	-0.32
08/09/2021	14:35:59	78790.79	394740.89	37.05	Soil	10,020	-0.28
08/09/2021	14:36:00	78790.91	394740.33	37.05	Soil	8,280	-1.47
08/09/2021	14:36:01	78790.79	394740.11	36.91	Soil	10,560	0.09
08/09/2021	14:36:02	78790.64	394740.33	36.90	Soil	11,700	0.87
08/09/2021	14:36:03	78790.65	394740.41	36.90	Soil	8,760	-1.15
08/09/2021	14:36:04	78790.75	394740.35	37.02	Soil	11,220	0.54
08/09/2021	14:36:05	78790.87	394740.41	37.06	Soil	9,000	-0.98
08/09/2021	14:36:06	78790.86	394740.53	37.26	Soil	10,680	0.17
08/09/2021	14:36:07	78790.94	394740.57	37.23	Soil	10,500	0.04

SU 7B GWS RESULTS

08/09/2021	14:36:08	78791.05	394740.30	37.12	Soil	8,940	-1.02
08/09/2021	14:36:09	78790.80	394740.43	37.17	Soil	9,960	-0.32
08/09/2021	14:36:10	78790.59	394741.09	37.20	Soil	10,320	-0.08
08/09/2021	14:36:11	78790.94	394740.96	37.10	Soil	9,600	-0.57
08/09/2021	14:36:12	78791.12	394740.43	37.14	Soil	10,500	0.04
08/09/2021	14:36:13	78790.98	394740.64	37.29	Soil	9,540	-0.61
08/09/2021	14:36:14	78791.04	394740.85	37.27	Soil	10,200	-0.16
08/09/2021	14:36:15	78791.12	394740.56	37.33	Soil	10,140	-0.20
08/09/2021	14:36:16	78791.18	394740.34	37.32	Soil	10,080	-0.24
08/09/2021	14:36:17	78791.04	394740.98	37.39	Soil	10,200	-0.16
08/09/2021	14:36:18	78790.88	394741.39	37.28	Soil	9,720	-0.49
08/09/2021	14:36:19	78791.19	394740.88	37.23	Soil	10,140	-0.20
08/09/2021	14:36:20	78791.43	394740.39	37.23	Soil	9,480	-0.65
08/09/2021	14:36:21	78791.32	394740.76	37.46	Soil	9,120	-0.90
08/09/2021	14:36:22	78791.08	394741.37	37.48	Soil	8,760	-1.15
08/09/2021	14:36:23	78791.09	394741.37	37.43	Soil	9,960	-0.32
08/09/2021	14:36:24	78791.46	394740.86	37.37	Soil	10,740	0.21
08/09/2021	14:36:25	78791.62	394740.54	37.38	Soil	9,600	-0.57
08/09/2021	14:36:26	78791.33	394740.77	37.43	Soil	8,640	-1.23
08/09/2021	14:36:27	78791.09	394741.24	37.41	Soil	7,740	-1.84
08/09/2021	14:36:28	78791.38	394741.21	37.48	Soil	9,420	-0.69
08/09/2021	14:36:29	78791.59	394740.75	37.54	Soil	9,840	-0.41
08/09/2021	14:36:30	78791.65	394740.61	37.60	Soil	9,300	-0.78
08/09/2021	14:36:31	78791.65	394740.80	37.55	Soil	9,540	-0.61
08/09/2021	14:36:32	78791.54	394740.74	37.48	Soil	9,360	-0.74
08/09/2021	14:36:33	78791.58	394740.57	37.50	Soil	10,020	-0.28
08/09/2021	14:36:34	78791.53	394740.95	37.65	Soil	11,700	0.87
08/09/2021	14:36:35	78791.47	394741.38	37.52	Soil	9,420	-0.69
08/09/2021	14:36:36	78791.82	394741.07	37.42	Soil	8,640	-1.23
08/09/2021	14:36:37	78792.04	394740.75	37.46	Soil	9,600	-0.57
08/09/2021	14:36:38	78791.83	394741.11	37.67	Soil	9,360	-0.74
08/09/2021	14:36:39	78791.77	394741.23	37.53	Soil	9,000	-0.98
08/09/2021	14:36:40	78792.03	394740.81	37.49	Soil	9,300	-0.78
08/09/2021	14:36:41	78792.12	394740.51	37.35	Soil	9,060	-0.94
08/09/2021	14:36:42	78791.95	394740.62	37.48	Soil	10,140	-0.20
08/09/2021	14:36:43	78792.42	394740.84	37.59	Soil	9,900	-0.37
08/09/2021	14:36:44	78792.45	394740.71	37.60	Soil	10,620	0.13
08/09/2021	14:36:45	78792.33	394740.74	37.63	Soil	11,340	0.62
08/09/2021	14:36:46	78791.96	394740.98	37.67	Soil	10,260	-0.12
08/09/2021	14:36:47	78791.85	394741.16	37.55	Soil	10,080	-0.24
08/09/2021	14:36:48	78792.30	394740.67	37.54	Soil	10,980	0.37
08/09/2021	14:36:49	78792.32	394740.47	37.56	Soil	11,640	0.82
08/09/2021	14:36:50	78791.97	394741.02	37.72	Soil	9,480	-0.65
08/09/2021	14:36:51	78792.34	394741.21	37.69	Soil	10,800	0.25
08/09/2021	14:36:52	78792.96	394740.71	37.70	Soil	10,080	-0.24
08/09/2021	14:36:53	78792.94	394740.68	37.81	Soil	8,760	-1.15
08/09/2021	14:36:54	78792.49	394741.23	37.75	Soil	8,280	-1.47
08/09/2021	14:36:55	78792.89	394741.01	37.76	Soil	9,480	-0.65
08/09/2021	14:36:56	78793.37	394740.55	37.76	Soil	10,800	0.25
08/09/2021	14:36:57	78793.22	394740.80	37.78	Soil	9,960	-0.32
08/09/2021	14:36:58	78792.81	394741.36	37.77	Soil	10,380	-0.04

SU 7B GWS RESULTS

08/09/2021	14:36:59	78792.92	394740.98	37.76	Soil	9,420	-0.69
08/09/2021	14:37:00	78793.20	394740.41	37.74	Soil	8,880	-1.06
08/09/2021	14:37:01	78793.08	394740.91	37.83	Soil	9,180	-0.86
08/09/2021	14:37:03	78793.20	394741.04	37.65	Soil	9,000	-0.98
08/09/2021	14:37:04	78793.24	394740.49	37.73	Soil	11,220	0.54
08/09/2021	14:37:05	78793.03	394740.90	37.84	Soil	9,660	-0.53
08/09/2021	14:37:06	78792.98	394741.21	37.80	Soil	10,140	-0.20
08/09/2021	14:37:07	78793.26	394740.76	37.83	Soil	9,120	-0.90
08/09/2021	14:37:08	78793.16	394740.72	37.84	Soil	9,660	-0.53
08/09/2021	14:37:09	78793.04	394740.90	37.75	Soil	10,560	0.09
08/09/2021	14:37:10	78793.14	394740.77	37.81	Soil	9,420	-0.69
08/09/2021	14:37:11	78793.21	394740.56	37.76	Soil	10,080	-0.24
08/09/2021	14:37:12	78793.01	394740.95	37.78	Soil	9,660	-0.53
08/09/2021	14:37:13	78793.00	394741.10	37.75	Soil	9,240	-0.82
08/09/2021	14:37:14	78793.19	394740.82	37.75	Soil	10,140	-0.20
08/09/2021	14:37:15	78793.09	394740.74	37.76	Soil	9,300	-0.78
08/09/2021	14:37:16	78792.91	394740.90	37.76	Soil	9,600	-0.57
08/09/2021	14:37:17	78793.01	394740.86	37.78	Soil	9,540	-0.61
08/09/2021	14:37:18	78793.19	394740.65	37.76	Soil	8,520	-1.31
08/09/2021	14:37:19	78793.14	394740.76	37.76	Soil	8,520	-1.31
08/09/2021	14:37:20	78793.11	394740.79	37.78	Soil	10,020	-0.28
08/09/2021	14:37:21	78793.08	394740.76	37.76	Soil	9,540	-0.61
08/09/2021	14:37:22	78793.00	394740.88	37.76	Soil	9,300	-0.78
08/09/2021	14:37:23	78792.97	394740.98	37.73	Soil	10,620	0.13
08/09/2021	14:37:24	78793.04	394740.89	37.73	Soil	10,140	-0.20
08/09/2021	14:37:25	78793.06	394740.74	37.73	Soil	9,300	-0.78
08/09/2021	14:37:26	78792.98	394740.79	37.74	Soil	10,800	0.25
08/09/2021	14:37:27	78792.97	394740.78	37.80	Soil	10,320	-0.08
08/09/2021	14:37:28	78792.99	394740.71	37.83	Soil	9,480	-0.65
08/09/2021	14:37:29	78792.97	394740.75	37.83	Soil	9,300	-0.78
08/09/2021	14:37:30	78792.97	394740.83	37.85	Soil	10,740	0.21
08/09/2021	14:37:31	78792.98	394740.75	37.83	Soil	8,160	-1.56
08/09/2021	14:37:32	78793.01	394740.67	37.85	Soil	10,020	-0.28
08/09/2021	14:37:33	78792.97	394740.78	37.88	Soil	9,900	-0.37
08/09/2021	14:37:34	78792.96	394740.79	37.90	Soil	8,460	-1.35
08/09/2021	14:37:35	78793.05	394740.70	37.91	Soil	9,780	-0.45
08/09/2021	14:37:36	78793.10	394740.79	37.91	Soil	9,540	-0.61
08/09/2021	14:37:37	78793.06	394740.85	37.94	Soil	10,800	0.25
08/09/2021	14:37:38	78793.07	394740.58	37.96	Soil	9,480	-0.65
08/09/2021	14:37:39	78793.15	394740.28	38.01	Soil	10,140	-0.20
08/09/2021	14:37:40	78793.08	394740.41	38.06	Soil	9,660	-0.53
08/09/2021	14:37:41	78792.96	394740.63	38.12	Soil	8,700	-1.19
08/09/2021	14:37:42	78792.98	394740.41	38.13	Soil	9,180	-0.86
08/09/2021	14:37:43	78792.93	394740.44	38.19	Soil	10,560	0.09
08/09/2021	14:37:44	78792.72	394740.77	38.22	Soil	10,620	0.13
08/09/2021	14:37:45	78792.73	394740.67	38.19	Soil	8,100	-1.60
08/09/2021	14:37:46	78792.88	394740.54	38.17	Soil	10,140	-0.20
08/09/2021	14:37:47	78792.83	394740.75	38.18	Soil	9,000	-0.98
08/09/2021	14:37:48	78792.74	394740.70	38.17	Soil	9,420	-0.69
08/09/2021	14:37:49	78792.87	394740.46	38.16	Soil	10,620	0.13
08/09/2021	14:37:50	78792.87	394740.63	38.19	Soil	9,240	-0.82

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08/09/2021	14:37:51	78792.74	394740.81	38.17	Soil	9,660	-0.53
08/09/2021	14:37:52	78792.82	394740.58	38.15	Soil	10,740	0.21
08/09/2021	14:37:53	78792.89	394740.57	38.10	Soil	8,640	-1.23
08/09/2021	14:37:54	78792.77	394740.78	37.91	Soil	10,980	0.37
08/09/2021	14:37:55	78792.77	394740.57	37.87	Soil	10,380	-0.04
08/09/2021	14:37:56	78792.99	394740.20	37.88	Soil	10,020	-0.28
08/09/2021	14:37:57	78793.00	394740.44	37.90	Soil	10,860	0.29
08/09/2021	14:37:58	78792.98	394740.65	37.89	Soil	8,940	-1.02
08/09/2021	14:37:59	78793.01	394740.49	37.98	Soil	10,380	-0.04
08/09/2021	14:38:00	78793.11	394740.44	38.09	Soil	9,660	-0.53
08/09/2021	14:38:01	78793.07	394740.66	38.14	Soil	10,380	-0.04
08/09/2021	14:38:02	78793.07	394741.30	38.13	Soil	9,780	-0.45
08/09/2021	14:38:03	78793.09	394741.14	38.01	Soil	10,140	-0.20
08/09/2021	14:38:04	78793.11	394740.68	37.99	Soil	10,500	0.04
08/09/2021	14:38:05	78792.76	394740.74	38.03	Soil	9,540	-0.61
08/09/2021	14:38:06	78792.76	394741.17	38.11	Soil	9,480	-0.65
08/09/2021	14:38:07	78793.06	394740.87	38.18	Soil	9,600	-0.57
08/09/2021	14:38:08	78793.25	394740.56	38.23	Soil	9,660	-0.53
08/09/2021	14:38:09	78793.01	394741.10	38.26	Soil	10,500	0.04
08/09/2021	14:38:10	78792.78	394741.38	38.20	Soil	9,300	-0.78
08/09/2021	14:38:11	78792.94	394740.79	38.18	Soil	10,200	-0.16
08/09/2021	14:38:12	78792.91	394740.45	38.14	Soil	10,080	-0.24
08/09/2021	14:38:13	78792.71	394740.55	38.06	Soil	9,420	-0.69
08/09/2021	14:38:14	78792.82	394740.18	37.98	Soil	9,720	-0.49
08/09/2021	14:38:15	78793.04	394739.79	37.90	Soil	10,680	0.17
08/09/2021	14:38:16	78792.77	394740.36	38.04	Soil	10,020	-0.28
08/09/2021	14:38:17	78792.50	394740.72	38.54	Soil	11,520	0.74
08/09/2021	14:38:18	78792.86	394740.75	38.75	Soil	8,820	-1.10
08/09/2021	14:38:19	78792.78	394740.86	38.84	Soil	10,020	-0.28
08/09/2021	14:38:20	78792.41	394740.94	38.80	Soil	9,060	-0.94
08/09/2021	14:38:21	78792.51	394740.88	38.79	Soil	9,420	-0.69
08/09/2021	14:38:22	78792.73	394740.84	38.78	Soil	8,640	-1.23
08/09/2021	14:38:23	78792.50	394740.77	38.81	Soil	10,860	0.29
08/09/2021	14:38:24	78792.41	394740.68	38.81	Soil	9,660	-0.53
08/09/2021	14:38:25	78792.65	394740.65	38.82	Soil	10,680	0.17
08/09/2021	14:38:26	78792.63	394740.74	38.83	Soil	9,000	-0.98
08/09/2021	14:38:27	78792.32	394740.89	38.85	Soil	9,660	-0.53
08/09/2021	14:38:28	78792.37	394740.90	38.85	Soil	9,480	-0.65
08/09/2021	14:38:29	78792.60	394740.89	38.85	Soil	10,500	0.04
08/09/2021	14:38:30	78792.46	394740.83	38.84	Soil	10,080	-0.24
08/09/2021	14:38:31	78792.31	394740.75	38.84	Soil	9,060	-0.94
08/09/2021	14:38:32	78792.52	394740.70	38.83	Soil	11,040	0.41
08/09/2021	14:38:33	78792.57	394740.77	38.83	Soil	9,660	-0.53
08/09/2021	14:38:34	78792.33	394740.87	38.83	Soil	9,660	-0.53
08/09/2021	14:38:35	78792.32	394740.88	38.84	Soil	11,700	0.87
08/09/2021	14:38:36	78792.55	394740.86	38.86	Soil	10,860	0.29
08/09/2021	14:38:37	78792.52	394740.81	39.00	Soil	10,620	0.13
08/09/2021	14:38:38	78792.40	394740.68	39.04	Soil	10,380	-0.04
08/09/2021	14:38:39	78792.68	394740.50	39.09	Soil	9,960	-0.32
08/09/2021	14:38:40	78792.80	394740.53	39.12	Soil	9,840	-0.41
08/09/2021	14:38:41	78792.47	394740.68	39.11	Soil	9,660	-0.53

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08/09/2021	14:38:42	78792.51	394740.63	39.11	Soil	10,260	-0.12
08/09/2021	14:38:43	78792.78	394740.54	39.06	Soil	9,360	-0.74
08/09/2021	14:38:44	78792.65	394740.60	39.05	Soil	9,420	-0.69
08/09/2021	14:38:45	78792.51	394740.57	39.02	Soil	11,160	0.50
08/09/2021	14:38:46	78792.77	394740.49	39.05	Soil	9,780	-0.45
08/09/2021	14:38:47	78792.75	394740.56	39.06	Soil	9,840	-0.41
08/09/2021	14:38:48	78792.50	394740.64	39.02	Soil	9,300	-0.78
08/09/2021	14:38:49	78792.66	394740.56	39.03	Soil	9,960	-0.32
08/09/2021	14:38:50	78792.84	394740.52	38.98	Soil	11,580	0.78
08/09/2021	14:38:51	78792.64	394740.57	38.99	Soil	8,520	-1.31
08/09/2021	14:38:52	78792.59	394740.52	38.99	Soil	9,780	-0.45
08/09/2021	14:38:53	78792.86	394740.44	38.98	Soil	10,140	-0.20
08/09/2021	14:38:54	78792.77	394740.50	39.01	Soil	10,020	-0.28
08/09/2021	14:38:55	78792.56	394740.56	38.96	Soil	9,360	-0.74
08/09/2021	14:38:56	78792.78	394740.47	38.96	Soil	11,220	0.54
08/09/2021	14:38:57	78792.85	394740.46	38.88	Soil	9,300	-0.78
08/09/2021	14:38:58	78792.49	394740.44	38.84	Soil	8,760	-1.15
08/09/2021	14:38:59	78792.53	394740.02	38.84	Soil	8,820	-1.10
08/09/2021	14:39:00	78792.98	394739.56	38.84	Soil	8,700	-1.19
08/09/2021	14:39:01	78792.87	394739.57	38.86	Soil	8,880	-1.06
08/09/2021	14:39:02	78792.60	394739.61	38.81	Soil	9,120	-0.90
08/09/2021	14:39:03	78792.82	394739.47	38.78	Soil	9,360	-0.74
08/09/2021	14:39:04	78792.86	394739.42	38.72	Soil	10,020	-0.28
08/09/2021	14:39:05	78792.35	394739.54	38.67	Soil	7,980	-1.68
08/09/2021	14:39:06	78792.26	394739.50	38.59	Soil	10,920	0.33
08/09/2021	14:39:07	78792.48	394739.34	38.55	Soil	8,520	-1.31
08/09/2021	14:39:08	78792.22	394739.36	38.59	Soil	8,820	-1.10
08/09/2021	14:39:09	78792.00	394739.42	38.51	Soil	9,480	-0.65
08/09/2021	14:39:10	78792.40	394739.38	38.57	Soil	7,860	-1.76
08/09/2021	14:39:11	78792.63	394739.39	38.60	Soil	9,480	-0.65
08/09/2021	14:39:12	78792.50	394739.55	38.65	Soil	8,940	-1.02
08/09/2021	14:39:13	78792.73	394739.58	38.66	Soil	9,060	-0.94
08/09/2021	14:39:14	78793.11	394739.50	38.65	Soil	8,820	-1.10
08/09/2021	14:39:15	78792.89	394739.52	38.67	Soil	9,000	-0.98
08/09/2021	14:39:16	78792.63	394739.58	38.67	Soil	8,940	-1.02
08/09/2021	14:39:17	78792.83	394739.54	38.63	Soil	8,700	-1.19
08/09/2021	14:39:18	78792.91	394739.46	38.52	Soil	12,060	1.11
08/09/2021	14:39:19	78792.71	394739.58	38.23	Soil	10,560	0.09
08/09/2021	14:39:20	78792.79	394739.70	38.20	Soil	9,540	-0.61
08/09/2021	14:39:21	78793.05	394739.83	38.24	Soil	10,920	0.33
08/09/2021	14:39:22	78793.00	394739.80	38.58	Soil	10,740	0.21
08/09/2021	14:39:23	78792.87	394739.73	38.92	Soil	10,680	0.17
08/09/2021	14:39:24	78792.96	394739.78	39.25	Soil	9,480	-0.65
08/09/2021	14:39:25	78793.03	394739.72	39.56	Soil	9,000	-0.98
08/09/2021	14:39:26	78792.94	394739.68	39.91	Soil	10,080	-0.24
08/09/2021	14:39:27	78792.89	394739.79	40.24	Soil	10,020	-0.28
08/09/2021	14:39:28	78792.99	394739.81	40.65	Soil	11,100	0.45
08/09/2021	14:39:29	78793.00	394739.78	40.94	Soil	9,840	-0.41
08/09/2021	14:39:30	78792.91	394739.89	41.06	Soil	9,600	-0.57
08/09/2021	14:39:31	78792.93	394739.91	41.05	Soil	9,960	-0.32
08/09/2021	14:39:32	78793.00	394739.78	41.04	Soil	9,660	-0.53

SU 7B GWS RESULTS

08/09/2021	14:39:33	78792.95	394739.81	40.93	Soil	10,680	0.17
08/09/2021	14:39:34	78792.94	394739.91	40.78	Soil	11,040	0.41
08/09/2021	14:39:35	78793.10	394739.83	40.58	Soil	10,860	0.29
08/09/2021	14:39:36	78793.20	394739.78	40.38	Soil	10,200	-0.16
08/09/2021	14:39:37	78793.21	394739.88	40.16	Soil	10,020	-0.28
08/09/2021	14:39:38	78793.33	394739.88	39.92	Soil	9,480	-0.65
08/09/2021	14:39:39	78793.48	394739.83	39.70	Soil	10,440	0.00
08/09/2021	14:39:40	78793.54	394739.89	39.50	Soil	9,000	-0.98
08/09/2021	14:39:41	78793.63	394739.93	39.27	Soil	9,180	-0.86
08/09/2021	14:39:43	78793.90	394739.90	38.78	Soil	10,020	-0.28
08/09/2021	14:39:44	78794.01	394739.99	38.54	Soil	10,740	0.21
08/09/2021	14:40:02	78794.42	394739.54	37.96	Soil	8,880	-1.06
08/09/2021	14:40:03	78794.30	394739.74	38.05	Soil	9,060	-0.94
08/09/2021	14:40:06	78794.16	394739.77	37.94	Soil	9,000	-0.98
08/09/2021	14:40:07	78794.25	394739.77	37.90	Soil	9,960	-0.32
08/09/2021	14:40:09	78793.64	394740.44	37.89	Soil	9,000	-0.98
08/09/2021	14:40:11	78793.95	394740.06	38.10	Soil	9,180	-0.86
08/09/2021	14:40:16	78793.64	394740.49	37.85	Soil	8,820	-1.10
08/09/2021	14:40:17	78793.23	394739.92	37.79	Soil	10,620	0.13
08/09/2021	14:40:18	78793.22	394739.78	37.86	Soil	9,240	-0.82
08/09/2021	14:40:19	78793.32	394740.67	38.01	Soil	9,540	-0.61
08/09/2021	14:40:21	78793.48	394740.42	37.71	Soil	9,360	-0.74
08/09/2021	14:40:22	78793.34	394740.60	37.77	Soil	11,160	0.50
08/09/2021	14:40:35	78793.69	394740.34	37.39	Soil	9,420	-0.69
08/09/2021	14:40:36	78793.95	394739.81	37.33	Soil	10,200	-0.16
08/09/2021	14:40:39	78793.81	394740.11	37.29	Soil	9,480	-0.65
08/09/2021	14:40:40	78794.08	394739.44	37.24	Soil	9,300	-0.78
08/09/2021	14:40:42	78793.73	394739.81	37.24	Soil	9,480	-0.65
08/09/2021	14:40:43	78793.86	394739.63	37.25	Soil	9,300	-0.78
08/09/2021	14:40:45	78793.67	394739.57	37.25	Soil	9,060	-0.94
08/09/2021	14:40:46	78793.45	394740.01	37.28	Soil	9,000	-0.98
08/09/2021	14:40:47	78793.69	394739.40	37.33	Soil	10,020	-0.28
08/09/2021	14:40:48	78793.84	394739.08	37.26	Soil	9,600	-0.57
08/09/2021	14:40:49	78793.51	394739.87	37.25	Soil	9,240	-0.82
08/09/2021	14:40:50	78793.49	394740.22	37.22	Soil	8,280	-1.47
08/09/2021	14:40:51	78793.59	394740.00	37.27	Soil	9,660	-0.53
08/09/2021	14:40:52	78793.74	394739.46	37.29	Soil	8,340	-1.43
08/09/2021	14:40:53	78793.81	394739.09	37.28	Soil	9,600	-0.57
08/09/2021	14:40:54	78793.51	394739.85	37.29	Soil	9,000	-0.98
08/09/2021	14:40:55	78793.54	394740.00	37.31	Soil	10,560	0.09
08/09/2021	14:40:56	78793.64	394739.60	37.31	Soil	10,440	0.00
08/09/2021	14:40:57	78793.51	394739.44	37.36	Soil	10,680	0.17
08/09/2021	14:40:58	78793.39	394739.90	37.47	Soil	9,840	-0.41
08/09/2021	14:40:59	78793.56	394740.06	37.55	Soil	9,420	-0.69
08/09/2021	14:41:00	78793.80	394739.52	37.46	Soil	9,360	-0.74
08/09/2021	14:41:01	78793.67	394739.36	37.43	Soil	10,500	0.04
08/09/2021	14:41:02	78793.34	394740.08	37.50	Soil	8,340	-1.43
08/09/2021	14:41:03	78793.51	394739.93	37.41	Soil	9,720	-0.49
08/09/2021	14:41:04	78793.87	394739.37	37.45	Soil	9,240	-0.82
08/09/2021	14:41:05	78793.63	394739.92	37.47	Soil	9,960	-0.32
08/09/2021	14:41:06	78793.34	394740.38	37.40	Soil	10,200	-0.16

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08/09/2021	14:41:07	78793.51	394739.89	37.48	Soil	8,160	-1.56
08/09/2021	14:41:08	78793.68	394739.76	37.51	Soil	9,300	-0.78
08/09/2021	14:41:09	78793.48	394740.25	37.46	Soil	8,880	-1.06
08/09/2021	14:41:10	78793.55	394740.24	37.48	Soil	9,540	-0.61
08/09/2021	14:41:11	78793.72	394739.91	37.53	Soil	9,600	-0.57
08/09/2021	14:41:12	78793.62	394739.86	37.50	Soil	8,400	-1.39
08/09/2021	14:41:13	78793.49	394739.99	37.53	Soil	10,140	-0.20
08/09/2021	14:41:14	78793.70	394739.43	37.48	Soil	8,520	-1.31
08/09/2021	14:41:15	78793.78	394739.25	37.48	Soil	9,780	-0.45
08/09/2021	14:41:16	78793.45	394740.04	37.45	Soil	9,000	-0.98
08/09/2021	14:41:17	78793.54	394739.94	37.42	Soil	10,140	-0.20
08/09/2021	14:41:18	78793.66	394739.62	37.47	Soil	10,620	0.13
08/09/2021	14:41:19	78793.52	394739.64	37.52	Soil	9,360	-0.74
08/09/2021	14:41:20	78793.47	394740.27	37.59	Soil	9,900	-0.37
08/09/2021	14:41:21	78793.51	394739.98	37.55	Soil	9,840	-0.41
08/09/2021	14:41:22	78793.62	394739.82	37.60	Soil	9,780	-0.45
08/09/2021	14:41:23	78793.51	394740.23	37.61	Soil	10,560	0.09
08/09/2021	14:41:24	78793.43	394740.21	37.65	Soil	9,480	-0.65
08/09/2021	14:41:25	78793.51	394739.73	37.99	Soil	8,880	-1.06
08/09/2021	14:41:26	78793.36	394740.04	38.01	Soil	9,600	-0.57
08/09/2021	14:41:27	78793.31	394740.33	37.97	Soil	8,340	-1.43
08/09/2021	14:41:28	78793.54	394739.83	38.03	Soil	9,960	-0.32
08/09/2021	14:41:29	78793.52	394739.77	38.02	Soil	8,940	-1.02
08/09/2021	14:41:30	78793.34	394740.25	38.03	Soil	9,840	-0.41
08/09/2021	14:41:31	78793.47	394740.00	38.10	Soil	10,380	-0.04
08/09/2021	14:41:32	78793.55	394739.71	38.09	Soil	9,360	-0.74
08/09/2021	14:41:33	78793.33	394740.18	38.06	Soil	9,540	-0.61
08/09/2021	14:41:34	78793.35	394740.20	38.07	Soil	9,060	-0.94
08/09/2021	14:41:35	78793.45	394739.85	38.06	Soil	9,120	-0.90
08/09/2021	14:41:36	78793.39	394740.01	38.07	Soil	9,180	-0.86
08/09/2021	14:41:37	78793.34	394740.25	37.95	Soil	10,080	-0.24
08/09/2021	14:41:38	78793.33	394739.93	37.68	Soil	9,840	-0.41
08/09/2021	14:41:39	78793.09	394739.75	37.58	Soil	10,440	0.00
08/09/2021	14:41:40	78792.71	394740.21	37.50	Soil	8,520	-1.31
08/09/2021	14:41:41	78792.78	394740.30	37.46	Soil	10,620	0.13
08/09/2021	14:41:42	78792.81	394740.09	37.51	Soil	8,940	-1.02
08/09/2021	14:41:43	78792.93	394739.73	37.41	Soil	10,260	-0.12
08/09/2021	14:41:44	78792.78	394739.49	37.41	Soil	10,020	-0.28
08/09/2021	14:41:45	78792.42	394739.94	37.42	Soil	10,200	-0.16
08/09/2021	14:41:46	78792.34	394740.23	37.43	Soil	9,300	-0.78
08/09/2021	14:41:47	78792.55	394739.51	37.32	Soil	10,380	-0.04
08/09/2021	14:41:48	78792.60	394739.16	37.27	Soil	10,260	-0.12
08/09/2021	14:41:49	78792.17	394739.83	37.25	Soil	11,220	0.54
08/09/2021	14:41:50	78792.20	394740.19	37.20	Soil	11,220	0.54
08/09/2021	14:41:51	78792.29	394739.81	37.18	Soil	8,820	-1.10
08/09/2021	14:41:52	78792.31	394739.27	37.09	Soil	9,900	-0.37
08/09/2021	14:41:53	78792.22	394739.49	37.00	Soil	8,700	-1.19
08/09/2021	14:41:54	78791.79	394740.01	36.87	Soil	9,480	-0.65
08/09/2021	14:41:55	78791.83	394739.64	36.84	Soil	10,320	-0.08
08/09/2021	14:41:56	78792.17	394739.13	36.81	Soil	9,780	-0.45
08/09/2021	14:41:57	78792.05	394739.41	36.84	Soil	11,040	0.41

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08/09/2021	14:41:58	78791.75	394739.92	36.69	Soil	9,840	-0.41
08/09/2021	14:41:59	78791.70	394739.43	36.76	Soil	9,720	-0.49
08/09/2021	14:42:00	78791.92	394738.73	36.77	Soil	11,520	0.74
08/09/2021	14:42:01	78791.96	394738.96	36.77	Soil	12,000	1.07
08/09/2021	14:42:02	78791.50	394739.56	36.78	Soil	9,600	-0.57
08/09/2021	14:42:03	78791.24	394739.91	36.73	Soil	9,720	-0.49
08/09/2021	14:42:04	78791.49	394739.37	36.62	Soil	10,980	0.37
08/09/2021	14:42:05	78791.54	394738.62	36.54	Soil	11,160	0.50
08/09/2021	14:42:06	78791.29	394739.04	36.61	Soil	10,620	0.13
08/09/2021	14:42:07	78791.02	394739.62	36.63	Soil	11,220	0.54
08/09/2021	14:42:08	78791.13	394739.33	36.61	Soil	9,540	-0.61
08/09/2021	14:42:09	78791.38	394738.57	36.50	Soil	10,860	0.29
08/09/2021	14:42:10	78791.13	394738.65	36.32	Soil	11,220	0.54
08/09/2021	14:42:11	78790.72	394739.33	36.30	Soil	10,740	0.21
08/09/2021	14:42:12	78790.64	394739.29	36.22	Soil	8,700	-1.19
08/09/2021	14:42:13	78790.83	394738.57	36.14	Soil	10,380	-0.04
08/09/2021	14:42:14	78790.73	394738.77	36.20	Soil	9,360	-0.74
08/09/2021	14:42:15	78790.62	394739.52	36.44	Soil	9,360	-0.74
08/09/2021	14:42:16	78790.80	394739.62	36.34	Soil	9,480	-0.65
08/09/2021	14:42:17	78790.71	394739.09	36.13	Soil	10,680	0.17
08/09/2021	14:42:18	78790.49	394738.51	36.08	Soil	10,920	0.33
08/09/2021	14:42:19	78790.40	394738.86	36.15	Soil	8,460	-1.35
08/09/2021	14:42:20	78790.31	394739.09	36.18	Soil	8,400	-1.39
08/09/2021	14:42:21	78790.55	394738.70	36.12	Soil	9,600	-0.57
08/09/2021	14:42:22	78790.54	394738.91	36.12	Soil	9,540	-0.61
08/09/2021	14:42:23	78790.20	394739.65	36.00	Soil	9,360	-0.74
08/09/2021	14:42:24	78790.09	394739.46	35.92	Soil	9,120	-0.90
08/09/2021	14:42:25	78790.39	394738.72	35.89	Soil	8,040	-1.64
08/09/2021	14:42:26	78790.36	394738.77	35.87	Soil	9,600	-0.57
08/09/2021	14:42:27	78790.00	394739.45	35.78	Soil	8,520	-1.31
08/09/2021	14:42:28	78789.90	394739.35	35.69	Soil	9,000	-0.98
08/09/2021	14:42:29	78789.97	394738.75	35.67	Soil	9,780	-0.45
08/09/2021	14:42:30	78790.08	394738.35	35.63	Soil	8,340	-1.43
08/09/2021	14:42:31	78790.09	394738.82	35.58	Soil	8,940	-1.02
08/09/2021	14:42:32	78789.86	394739.15	35.59	Soil	9,000	-0.98
08/09/2021	14:42:33	78789.80	394739.24	35.62	Soil	7,920	-1.72
08/09/2021	14:42:34	78789.97	394738.70	35.57	Soil	8,520	-1.31
08/09/2021	14:42:35	78789.96	394738.50	35.63	Soil	8,940	-1.02
08/09/2021	14:42:36	78789.57	394739.08	35.66	Soil	8,760	-1.15
08/09/2021	14:42:37	78789.45	394739.40	35.60	Soil	8,940	-1.02
08/09/2021	14:42:38	78789.75	394738.73	35.58	Soil	8,400	-1.39
08/09/2021	14:42:39	78789.93	394738.28	35.62	Soil	8,100	-1.60
08/09/2021	14:42:40	78789.80	394738.95	35.64	Soil	9,540	-0.61
08/09/2021	14:42:41	78789.73	394739.29	35.62	Soil	9,420	-0.69
08/09/2021	14:42:42	78789.88	394738.78	35.61	Soil	8,400	-1.39
08/09/2021	14:42:43	78789.86	394738.44	35.60	Soil	8,760	-1.15
08/09/2021	14:42:44	78789.67	394738.73	35.60	Soil	9,300	-0.78
08/09/2021	14:42:45	78789.84	394739.06	35.75	Soil	7,080	-2.29
08/09/2021	14:42:46	78789.87	394739.10	35.70	Soil	7,860	-1.76
08/09/2021	14:42:47	78789.66	394739.20	35.67	Soil	9,360	-0.74
08/09/2021	14:42:48	78789.51	394739.47	35.60	Soil	9,120	-0.90

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08/09/2021	14:42:49	78789.45	394739.68	35.55	Soil	8,520	-1.31
08/09/2021	14:42:50	78789.55	394738.98	35.38	Soil	9,720	-0.49
08/09/2021	14:42:51	78789.56	394738.41	35.47	Soil	8,400	-1.39
08/09/2021	14:42:52	78789.26	394739.07	35.42	Soil	9,060	-0.94
08/09/2021	14:42:53	78789.02	394739.41	35.41	Soil	10,800	0.25
08/09/2021	14:42:54	78789.31	394738.83	35.31	Soil	8,700	-1.19
08/09/2021	14:42:55	78789.51	394738.54	35.23	Soil	9,300	-0.78
08/09/2021	14:42:56	78789.26	394739.06	35.20	Soil	7,980	-1.68
08/09/2021	14:42:57	78789.15	394739.38	35.21	Soil	7,260	-2.17
08/09/2021	14:42:58	78789.29	394738.83	35.23	Soil	9,720	-0.49
08/09/2021	14:42:59	78789.48	394738.29	35.23	Soil	8,100	-1.60
08/09/2021	14:43:00	78789.54	394738.70	35.24	Soil	7,440	-2.05
08/09/2021	14:43:01	78789.16	394738.90	35.24	Soil	9,480	-0.65
08/09/2021	14:43:02	78789.12	394738.99	35.23	Soil	9,420	-0.69
08/09/2021	14:43:03	78789.26	394738.97	35.24	Soil	9,480	-0.65
08/09/2021	14:43:04	78789.56	394738.44	34.98	Soil	9,000	-0.98
08/09/2021	14:43:05	78789.36	394738.46	34.84	Soil	9,300	-0.78
08/09/2021	14:43:06	78788.97	394738.75	34.80	Soil	7,260	-2.17
08/09/2021	14:43:07	78789.16	394738.77	34.89	Soil	9,120	-0.90
08/09/2021	14:43:08	78789.25	394738.21	34.82	Soil	6,840	-2.46
08/09/2021	14:43:09	78789.36	394738.59	34.86	Soil	6,720	-2.54
08/09/2021	14:43:10	78789.09	394738.81	34.94	Soil	8,100	-1.60
08/09/2021	14:43:11	78789.46	394738.74	34.95	Soil	7,980	-1.68
08/09/2021	14:43:12	78789.40	394738.70	34.75	Soil	8,520	-1.31
08/09/2021	14:43:15	78788.95	394738.25	34.37	Soil	8,520	-1.31
08/09/2021	14:43:16	78788.82	394738.73	34.42	Soil	7,380	-2.09
08/09/2021	14:43:17	78789.11	394738.24	34.39	Soil	7,500	-2.01
08/09/2021	14:43:20	78788.49	394738.32	33.81	Soil	7,440	-2.05
08/09/2021	14:43:24	78788.50	394738.17	33.98	Soil	6,840	-2.46
08/09/2021	14:43:25	78788.96	394738.37	34.17	Soil	7,620	-1.93
08/09/2021	14:43:27	78789.19	394738.25	34.14	Soil	7,440	-2.05
08/09/2021	14:43:28	78789.16	394738.20	34.09	Soil	9,360	-0.74
08/09/2021	14:43:29	78789.12	394738.32	34.07	Soil	7,500	-2.01
08/09/2021	14:43:30	78789.09	394738.34	33.98	Soil	8,100	-1.60
08/09/2021	14:43:31	78789.06	394738.36	33.99	Soil	6,540	-2.66
08/09/2021	14:43:35	78788.52	394737.83	33.92	Soil	6,360	-2.79
08/09/2021	14:43:39	78788.91	394738.14	34.24	Soil	7,860	-1.76
08/09/2021	14:43:43	78788.66	394738.14	34.42	Soil	7,860	-1.76
08/09/2021	14:43:44	78788.81	394738.16	34.40	Soil	8,580	-1.27
08/09/2021	14:43:45	78788.93	394738.17	34.36	Soil	6,540	-2.66
08/09/2021	14:44:07	78789.14	394738.24	33.23	Soil	6,600	-2.62
08/09/2021	14:45:07	78789.52	394738.26	35.26	Soil	8,580	-1.27
08/09/2021	14:45:11	78789.69	394738.30	35.44	Soil	7,800	-1.80
08/09/2021	14:45:14	78789.92	394738.17	35.41	Soil	8,340	-1.43
08/09/2021	14:45:15	78789.90	394738.14	35.23	Soil	9,540	-0.61
08/09/2021	14:45:18	78790.01	394738.33	35.39	Soil	9,420	-0.69
08/09/2021	14:45:26	78790.14	394738.30	35.15	Soil	10,200	-0.16
08/09/2021	14:45:30	78790.18	394738.66	35.28	Soil	10,320	-0.08
08/09/2021	14:45:34	78790.28	394738.64	35.39	Soil	9,480	-0.65
08/09/2021	14:45:38	78790.32	394738.66	35.59	Soil	10,740	0.21
08/09/2021	14:45:39	78790.54	394738.22	35.58	Soil	10,980	0.37

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08/09/2021	14:45:42	78790.60	394738.71	35.68	Soil	10,980	0.37
08/09/2021	14:45:46	78790.42	394738.37	35.87	Soil	9,480	-0.65
08/09/2021	14:45:50	78790.79	394738.31	36.10	Soil	9,360	-0.74
08/09/2021	14:45:53	78790.86	394738.18	36.32	Soil	10,080	-0.24
08/09/2021	14:45:54	78791.09	394738.57	36.35	Soil	11,280	0.58
08/09/2021	14:45:58	78790.93	394738.60	36.38	Soil	9,660	-0.53
08/09/2021	14:45:59	78791.28	394738.23	36.38	Soil	10,140	-0.20
08/09/2021	14:46:01	78791.46	394738.37	36.48	Soil	9,660	-0.53
08/09/2021	14:46:02	78791.23	394738.64	36.30	Soil	9,900	-0.37
08/09/2021	14:46:03	78791.63	394738.80	36.42	Soil	9,840	-0.41
08/09/2021	14:46:04	78791.46	394738.82	36.35	Soil	11,700	0.87
08/09/2021	14:46:05	78791.59	394738.76	36.37	Soil	10,740	0.21
08/09/2021	14:46:06	78791.51	394738.80	36.34	Soil	10,740	0.21
08/09/2021	14:46:07	78791.58	394738.82	36.33	Soil	10,020	-0.28
08/09/2021	14:46:08	78791.61	394738.83	36.33	Soil	9,480	-0.65
08/09/2021	14:46:09	78791.62	394738.84	36.33	Soil	10,140	-0.20
08/09/2021	14:46:10	78791.64	394738.84	36.34	Soil	10,320	-0.08
08/09/2021	14:46:11	78791.65	394738.84	36.34	Soil	9,360	-0.74
08/09/2021	14:46:12	78791.67	394738.84	36.34	Soil	10,860	0.29
08/09/2021	14:46:13	78791.68	394738.84	36.34	Soil	9,540	-0.61
08/09/2021	14:46:14	78791.70	394738.84	36.34	Soil	10,200	-0.16
08/09/2021	14:46:15	78791.71	394738.84	36.34	Soil	10,260	-0.12
08/09/2021	14:46:16	78791.71	394738.83	36.46	Soil	9,900	-0.37
08/09/2021	14:46:17	78791.59	394738.64	36.48	Soil	10,020	-0.28
08/09/2021	14:46:18	78791.60	394738.69	36.49	Soil	8,940	-1.02
08/09/2021	14:46:19	78791.61	394738.58	36.49	Soil	9,720	-0.49
08/09/2021	14:46:22	78791.49	394738.53	36.65	Soil	9,720	-0.49
08/09/2021	14:46:23	78791.46	394738.71	36.65	Soil	10,020	-0.28
08/09/2021	14:46:26	78791.57	394738.71	36.79	Soil	9,240	-0.82
08/09/2021	14:46:27	78791.61	394738.58	36.79	Soil	9,900	-0.37
08/09/2021	14:46:29	78791.76	394738.36	36.75	Soil	8,340	-1.43
08/09/2021	14:46:30	78791.62	394738.80	36.79	Soil	8,700	-1.19
08/09/2021	14:46:31	78791.83	394738.22	36.79	Soil	10,560	0.09
08/09/2021	14:46:33	78791.84	394738.21	36.89	Soil	9,360	-0.74
08/09/2021	14:46:34	78791.63	394738.52	37.02	Soil	9,420	-0.69
08/09/2021	14:46:35	78791.96	394738.36	37.09	Soil	9,960	-0.32
08/09/2021	14:46:37	78791.86	394738.42	36.98	Soil	8,040	-1.64
08/09/2021	14:46:38	78791.62	394738.82	37.01	Soil	10,800	0.25
08/09/2021	14:46:39	78791.85	394738.45	37.10	Soil	10,200	-0.16
08/09/2021	14:46:41	78791.75	394738.77	37.17	Soil	9,360	-0.74
08/09/2021	14:46:42	78791.74	394738.83	37.15	Soil	10,740	0.21
08/09/2021	14:46:45	78792.03	394738.81	37.12	Soil	9,480	-0.65
08/09/2021	14:46:46	78792.16	394738.66	37.12	Soil	9,000	-0.98
08/09/2021	14:46:48	78792.31	394738.53	37.25	Soil	10,680	0.17
08/09/2021	14:46:49	78791.97	394739.00	37.22	Soil	10,260	-0.12
08/09/2021	14:46:50	78792.18	394738.66	37.25	Soil	9,720	-0.49
08/09/2021	14:46:51	78792.73	394738.17	37.25	Soil	8,640	-1.23
08/09/2021	14:46:52	78792.66	394738.63	37.28	Soil	9,240	-0.82
08/09/2021	14:46:53	78792.54	394738.74	37.42	Soil	10,560	0.09
08/09/2021	14:46:54	78792.56	394738.75	37.54	Soil	10,260	-0.12
08/09/2021	14:46:55	78792.80	394739.07	37.54	Soil	10,260	-0.12

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08/09/2021	14:46:56	78792.97	394738.94	37.47	Soil	9,240	-0.82
08/09/2021	14:46:57	78792.99	394738.87	37.52	Soil	8,640	-1.23
08/09/2021	14:46:58	78793.01	394738.36	37.52	Soil	9,480	-0.65
08/09/2021	14:47:00	78792.64	394738.68	37.46	Soil	11,220	0.54
08/09/2021	14:47:01	78792.58	394738.88	37.46	Soil	9,600	-0.57
08/09/2021	14:47:02	78792.77	394738.50	37.60	Soil	9,600	-0.57
08/09/2021	14:47:03	78793.21	394738.34	37.63	Soil	9,420	-0.69
08/09/2021	14:47:04	78793.19	394738.83	37.64	Soil	8,640	-1.23
08/09/2021	14:47:05	78793.00	394739.23	37.76	Soil	8,280	-1.47
08/09/2021	14:47:06	78793.61	394738.53	37.76	Soil	10,680	0.17
08/09/2021	14:47:07	78793.73	394738.49	37.78	Soil	9,300	-0.78
08/09/2021	14:47:08	78793.48	394739.13	37.69	Soil	9,360	-0.74
08/09/2021	14:47:09	78793.53	394739.54	37.63	Soil	9,060	-0.94
08/09/2021	14:47:10	78793.69	394739.32	37.63	Soil	10,920	0.33
08/09/2021	14:47:11	78793.71	394739.36	37.59	Soil	9,120	-0.90
08/09/2021	14:47:12	78793.54	394739.12	37.64	Soil	8,400	-1.39
08/09/2021	14:47:13	78793.67	394738.57	37.63	Soil	9,240	-0.82
08/09/2021	14:47:14	78793.77	394738.69	37.63	Soil	9,420	-0.69
08/09/2021	14:47:15	78793.85	394739.07	37.70	Soil	9,780	-0.45
08/09/2021	14:47:17	78793.90	394738.83	37.68	Soil	12,720	1.56
08/09/2021	14:47:18	78793.92	394738.77	37.74	Soil	10,500	0.04
08/09/2021	14:47:20	78793.74	394739.23	37.67	Soil	9,780	-0.45
08/09/2021	14:47:21	78793.94	394738.82	37.62	Soil	9,480	-0.65
08/09/2021	14:47:22	78794.06	394738.92	37.62	Soil	11,640	0.82
08/09/2021	14:47:23	78794.08	394738.95	37.62	Soil	8,880	-1.06
08/09/2021	14:47:24	78794.08	394738.91	37.62	Soil	9,660	-0.53
08/09/2021	14:47:25	78794.12	394738.93	37.58	Soil	8,580	-1.27
08/09/2021	14:47:29	78794.11	394738.94	37.62	Soil	8,940	-1.02
08/09/2021	14:47:29	78794.14	394738.99	37.61	Soil	10,020	-0.28
08/09/2021	14:47:31	78794.12	394738.92	37.62	Soil	9,660	-0.53
08/09/2021	14:47:32	78794.12	394738.75	37.80	Soil	10,200	-0.16
08/09/2021	14:47:33	78794.09	394738.77	37.78	Soil	8,700	-1.19
08/09/2021	14:47:34	78794.01	394738.75	37.78	Soil	9,120	-0.90
08/09/2021	14:47:35	78794.12	394738.53	37.68	Soil	10,980	0.37
08/09/2021	14:47:36	78794.19	394738.45	37.69	Soil	9,360	-0.74
08/09/2021	14:47:37	78794.26	394738.26	37.72	Soil	9,660	-0.53
08/09/2021	14:47:39	78793.93	394738.20	37.71	Soil	10,140	-0.20
08/09/2021	14:49:26	78788.83	394735.15	33.87	Soil	7,200	-2.21
08/09/2021	14:49:27	78788.84	394735.12	33.62	Soil	7,680	-1.88
08/09/2021	14:49:28	78788.78	394735.12	33.57	Soil	7,500	-2.01
08/09/2021	14:49:29	78788.79	394735.19	33.73	Soil	6,540	-2.66
08/09/2021	14:49:31	78788.74	394735.02	33.84	Soil	7,980	-1.68
08/09/2021	14:49:32	78788.84	394734.88	33.82	Soil	6,960	-2.38
08/09/2021	14:49:35	78788.88	394734.93	34.18	Soil	8,460	-1.35
08/09/2021	14:49:39	78788.79	394734.99	34.02	Soil	7,680	-1.88
08/09/2021	14:49:40	78788.73	394735.15	34.13	Soil	9,060	-0.94
08/09/2021	14:49:41	78788.64	394735.14	34.12	Soil	7,140	-2.25
08/09/2021	14:49:42	78788.49	394735.05	33.96	Soil	7,200	-2.21
08/09/2021	14:49:43	78788.55	394735.14	34.27	Soil	6,960	-2.38
08/09/2021	14:49:45	78788.79	394735.57	34.28	Soil	7,440	-2.05
08/09/2021	14:49:46	78788.59	394735.36	34.39	Soil	7,260	-2.17

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08/09/2021	14:50:12	78788.79	394735.78	37.50	Soil	9,720	-0.49
08/09/2021	14:50:13	78788.56	394736.47	37.43	Soil	9,300	-0.78
08/09/2021	14:50:16	78788.29	394737.70	37.32	Soil	9,060	-0.94
08/09/2021	14:50:17	78788.30	394738.39	37.33	Soil	10,380	-0.04
08/09/2021	14:50:18	78788.49	394738.43	37.30	Soil	8,160	-1.56
08/09/2021	14:50:19	78788.20	394738.81	37.27	Soil	9,900	-0.37
08/09/2021	14:50:20	78787.84	394739.69	37.23	Soil	8,640	-1.23
08/09/2021	14:50:21	78788.20	394740.06	37.22	Soil	9,180	-0.86
08/09/2021	14:50:22	78788.41	394740.14	37.23	Soil	9,600	-0.57
08/09/2021	14:50:23	78788.02	394740.80	37.18	Soil	9,540	-0.61
08/09/2021	14:50:24	78787.89	394741.53	37.18	Soil	10,080	-0.24
08/09/2021	14:50:25	78788.19	394741.36	37.07	Soil	9,720	-0.49
08/09/2021	14:50:26	78788.17	394740.87	37.00	Soil	9,480	-0.65
08/09/2021	14:50:27	78787.85	394741.38	36.82	Soil	9,120	-0.90
08/09/2021	14:50:28	78787.78	394742.07	36.81	Soil	8,520	-1.31
08/09/2021	14:50:29	78788.10	394741.45	36.44	Soil	9,840	-0.41
08/09/2021	14:50:30	78788.51	394740.79	36.35	Soil	8,760	-1.15
08/09/2021	14:50:31	78788.58	394741.32	36.09	Soil	10,080	-0.24
08/09/2021	14:50:32	78788.70	394741.46	35.87	Soil	9,960	-0.32
08/09/2021	14:50:33	78788.67	394740.83	35.86	Soil	9,240	-0.82
08/09/2021	14:50:34	78788.44	394741.02	35.44	Soil	9,420	-0.69
08/09/2021	14:50:35	78788.49	394741.48	35.26	Soil	8,700	-1.19
08/09/2021	14:50:36	78788.80	394741.33	35.15	Soil	9,240	-0.82
08/09/2021	14:50:37	78789.11	394741.04	34.94	Soil	10,020	-0.28
08/09/2021	14:50:38	78789.01	394741.20	34.81	Soil	9,900	-0.37
08/09/2021	14:50:39	78788.57	394741.42	34.95	Soil	11,220	0.54
08/09/2021	14:50:40	78788.76	394741.62	35.12	Soil	10,320	-0.08
08/09/2021	14:50:41	78789.22	394741.21	35.10	Soil	11,280	0.58
08/09/2021	14:50:42	78789.19	394741.39	35.19	Soil	11,160	0.50
08/09/2021	14:50:43	78788.56	394741.78	35.31	Soil	11,040	0.41
08/09/2021	14:50:44	78788.90	394741.86	35.44	Soil	10,020	-0.28
08/09/2021	14:50:45	78789.13	394741.65	35.51	Soil	10,500	0.04
08/09/2021	14:50:46	78789.68	394741.12	35.54	Soil	11,460	0.70
08/09/2021	14:50:47	78789.38	394741.24	35.66	Soil	9,180	-0.86
08/09/2021	14:50:48	78788.90	394742.01	35.78	Soil	9,600	-0.57
08/09/2021	14:50:49	78788.98	394742.14	35.92	Soil	10,140	-0.20
08/09/2021	14:50:50	78789.48	394741.60	35.94	Soil	9,360	-0.74
08/09/2021	14:50:51	78789.90	394741.23	35.98	Soil	9,300	-0.78
08/09/2021	14:50:52	78789.48	394741.82	36.21	Soil	9,300	-0.78
08/09/2021	14:50:53	78789.18	394741.84	36.26	Soil	9,540	-0.61
08/09/2021	14:50:54	78789.68	394741.44	36.21	Soil	9,240	-0.82
08/09/2021	14:50:55	78789.99	394741.04	36.18	Soil	10,860	0.29
08/09/2021	14:50:56	78789.44	394741.67	36.26	Soil	10,980	0.37
08/09/2021	14:50:57	78788.96	394741.97	36.23	Soil	9,840	-0.41
08/09/2021	14:50:58	78789.33	394741.26	36.27	Soil	9,120	-0.90
08/09/2021	14:50:59	78789.58	394740.70	36.20	Soil	9,780	-0.45
08/09/2021	14:51:00	78789.16	394741.13	36.06	Soil	9,240	-0.82
08/09/2021	14:51:01	78788.90	394741.41	36.14	Soil	8,160	-1.56
08/09/2021	14:51:02	78789.38	394741.10	36.20	Soil	9,240	-0.82
08/09/2021	14:51:03	78789.36	394741.24	36.33	Soil	10,560	0.09
08/09/2021	14:51:04	78788.96	394741.79	36.55	Soil	10,920	0.33

SU 7B GWS RESULTS

08/09/2021	14:51:05	78789.33	394741.75	36.56	Soil	9,600	-0.57
08/09/2021	14:51:06	78789.81	394741.13	36.37	Soil	10,020	-0.28
08/09/2021	14:51:07	78789.57	394740.74	36.15	Soil	9,660	-0.53
08/09/2021	14:51:08	78789.08	394741.22	36.17	Soil	9,180	-0.86
08/09/2021	14:51:09	78789.26	394741.41	36.33	Soil	10,440	0.00
08/09/2021	14:51:10	78789.79	394741.23	36.40	Soil	9,300	-0.78
08/09/2021	14:51:11	78789.85	394741.32	36.44	Soil	10,980	0.37
08/09/2021	14:51:12	78789.18	394741.77	36.58	Soil	10,020	-0.28
08/09/2021	14:51:13	78789.11	394741.70	36.52	Soil	9,060	-0.94
08/09/2021	14:51:14	78789.78	394741.18	36.50	Soil	10,380	-0.04
08/09/2021	14:51:15	78789.87	394741.05	36.46	Soil	10,140	-0.20
08/09/2021	14:51:16	78789.39	394741.66	36.48	Soil	10,500	0.04
08/09/2021	14:51:17	78789.38	394741.45	36.49	Soil	8,580	-1.27
08/09/2021	14:51:18	78789.73	394740.96	36.49	Soil	10,020	-0.28
08/09/2021	14:51:19	78789.85	394741.09	36.54	Soil	9,480	-0.65
08/09/2021	14:51:20	78789.72	394741.61	36.54	Soil	9,660	-0.53
08/09/2021	14:51:21	78789.90	394741.21	36.46	Soil	11,340	0.62
08/09/2021	14:51:22	78789.70	394740.87	36.47	Soil	10,920	0.33
08/09/2021	14:51:23	78789.12	394741.57	36.44	Soil	10,620	0.13
08/09/2021	14:51:24	78789.06	394741.81	36.33	Soil	9,720	-0.49
08/09/2021	14:51:25	78789.36	394741.74	36.28	Soil	9,300	-0.78
08/09/2021	14:51:26	78789.45	394741.88	36.31	Soil	9,780	-0.45
08/09/2021	14:51:27	78789.36	394742.21	36.39	Soil	8,700	-1.19
08/09/2021	14:51:28	78789.53	394741.96	36.44	Soil	10,200	-0.16
08/09/2021	14:51:29	78789.81	394741.62	36.34	Soil	10,440	0.00
08/09/2021	14:51:30	78789.85	394741.55	36.15	Soil	11,280	0.58
08/09/2021	14:51:31	78789.73	394741.95	36.29	Soil	10,920	0.33
08/09/2021	14:51:32	78789.79	394741.96	36.40	Soil	9,180	-0.86
08/09/2021	14:51:33	78789.77	394741.67	36.53	Soil	9,540	-0.61
08/09/2021	14:51:34	78789.84	394741.56	36.62	Soil	9,060	-0.94
08/09/2021	14:51:35	78789.73	394741.94	36.47	Soil	9,600	-0.57
08/09/2021	14:51:36	78789.76	394741.86	36.49	Soil	10,200	-0.16
08/09/2021	14:51:37	78790.03	394741.61	36.47	Soil	8,940	-1.02
08/09/2021	14:51:38	78789.79	394742.10	36.47	Soil	8,880	-1.06
08/09/2021	14:51:39	78789.72	394742.09	36.47	Soil	8,820	-1.10
08/09/2021	14:51:40	78790.06	394741.72	36.49	Soil	9,720	-0.49
08/09/2021	14:51:41	78790.27	394741.70	36.47	Soil	9,540	-0.61
08/09/2021	14:51:42	78790.01	394742.23	36.64	Soil	10,500	0.04
08/09/2021	14:51:43	78789.99	394742.07	36.64	Soil	10,140	-0.20
08/09/2021	14:51:44	78790.48	394741.62	36.49	Soil	10,380	-0.04
08/09/2021	14:51:45	78790.36	394741.78	36.42	Soil	9,960	-0.32
08/09/2021	14:51:46	78789.85	394742.30	36.55	Soil	8,100	-1.60
08/09/2021	14:51:47	78790.16	394742.04	36.50	Soil	10,800	0.25
08/09/2021	14:51:48	78790.59	394741.49	36.43	Soil	10,500	0.04
08/09/2021	14:51:49	78790.57	394741.82	36.56	Soil	10,440	0.00
08/09/2021	15:02:24	78793.39	394740.44	40.69	Soil	6,900	-2.42
08/09/2021	15:02:25	78793.34	394740.43	40.66	Soil	8,220	-1.52
08/09/2021	15:02:26	78793.31	394740.43	40.58	Soil	7,920	-1.72
08/09/2021	15:02:27	78793.28	394740.42	40.59	Soil	7,500	-2.01
08/09/2021	15:02:28	78793.25	394740.42	40.60	Soil	7,380	-2.09
08/09/2021	15:02:29	78793.21	394740.56	40.61	Soil	7,020	-2.34

SU 7B GWS RESULTS

08/09/2021	15:02:30	78793.14	394740.63	40.55	Soil	6,360	-2.79
08/09/2021	15:02:31	78793.25	394740.73	40.50	Soil	6,480	-2.71
08/09/2021	15:02:32	78793.31	394740.75	40.51	Soil	7,860	-1.76
08/09/2021	15:02:33	78793.29	394740.73	40.53	Soil	6,960	-2.38
08/09/2021	15:02:34	78793.26	394740.73	40.54	Soil	7,800	-1.80
08/09/2021	15:02:35	78793.23	394740.74	40.53	Soil	7,080	-2.29
08/09/2021	15:02:36	78793.15	394740.71	40.55	Soil	7,080	-2.29
08/09/2021	15:02:37	78793.14	394740.73	40.73	Soil	6,960	-2.38
08/09/2021	15:02:38	78793.29	394740.84	40.69	Soil	7,920	-1.72
08/10/2021	13:09:44	78786.66	394740.28	34.85	Soil	8,700	-1.19
08/10/2021	13:09:45	78787.40	394739.79	34.88	Soil	7,140	-2.25
08/10/2021	13:09:46	78787.05	394739.86	34.93	Soil	8,520	-1.31
08/10/2021	13:09:47	78786.37	394740.28	34.89	Soil	9,000	-0.98
08/10/2021	13:09:48	78786.63	394740.22	34.83	Soil	8,040	-1.64
08/10/2021	13:09:49	78787.47	394739.86	34.79	Soil	8,280	-1.47
08/10/2021	13:09:50	78787.43	394739.85	34.81	Soil	9,300	-0.78
08/10/2021	13:09:51	78786.55	394740.17	34.87	Soil	10,560	0.09
08/10/2021	13:09:52	78786.28	394740.36	34.90	Soil	9,420	-0.69
08/10/2021	13:09:53	78787.13	394740.05	34.92	Soil	6,900	-2.42
08/10/2021	13:09:54	78787.53	394740.04	34.80	Soil	7,980	-1.68
08/10/2021	13:09:55	78786.93	394740.14	34.65	Soil	8,880	-1.06
08/10/2021	13:09:56	78786.30	394740.03	34.68	Soil	8,640	-1.23
08/10/2021	13:09:57	78786.70	394740.13	34.81	Soil	8,460	-1.35
08/10/2021	13:09:58	78787.31	394740.25	34.83	Soil	8,460	-1.35
08/10/2021	13:09:59	78787.06	394740.24	34.72	Soil	7,620	-1.93
08/10/2021	13:10:00	78786.64	394740.30	34.72	Soil	7,680	-1.88
08/10/2021	13:10:01	78786.90	394740.20	34.81	Soil	8,400	-1.39
08/10/2021	13:10:02	78787.34	394739.97	34.69	Soil	8,760	-1.15
08/10/2021	13:10:03	78787.02	394739.90	34.49	Soil	8,760	-1.15
08/10/2021	13:10:04	78786.37	394740.02	34.52	Soil	9,000	-0.98
08/10/2021	13:10:05	78786.69	394740.05	34.59	Soil	9,360	-0.74
08/10/2021	13:10:06	78787.17	394739.91	34.52	Soil	7,680	-1.88
08/10/2021	13:12:27	78787.17	394739.15	33.79	Soil	8,220	-1.52
08/10/2021	13:12:28	78787.04	394739.07	33.81	Soil	6,660	-2.58
08/10/2021	13:12:29	78787.13	394738.95	33.81	Soil	6,840	-2.46
08/10/2021	13:12:30	78787.47	394738.92	33.87	Soil	6,360	-2.79
08/10/2021	13:12:32	78786.76	394738.99	33.83	Soil	6,360	-2.79
08/10/2021	13:12:32	78786.34	394739.06	33.83	Soil	7,320	-2.13
08/10/2021	13:12:33	78786.84	394739.18	33.75	Soil	9,420	-0.69
08/10/2021	13:12:34	78787.08	394739.56	33.78	Soil	7,800	-1.80
08/10/2021	13:12:36	78786.85	394739.23	33.81	Soil	9,060	-0.94
08/10/2021	13:12:36	78786.62	394738.88	33.81	Soil	7,440	-2.05
08/10/2021	13:12:37	78786.94	394739.14	33.88	Soil	8,940	-1.02
08/10/2021	13:12:38	78787.06	394739.31	33.91	Soil	8,700	-1.19
08/10/2021	13:12:39	78786.47	394739.11	33.89	Soil	8,580	-1.27
08/10/2021	13:12:40	78786.24	394739.11	33.89	Soil	6,900	-2.42
08/10/2021	13:12:41	78786.87	394739.31	34.00	Soil	8,160	-1.56
08/10/2021	13:12:42	78786.88	394739.27	34.05	Soil	7,680	-1.88
08/10/2021	13:12:43	78785.98	394739.47	34.16	Soil	8,580	-1.27
08/10/2021	13:12:45	78786.09	394739.83	34.16	Soil	9,780	-0.45
08/10/2021	13:12:45	78787.04	394739.52	34.26	Soil	8,280	-1.47

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08/10/2021	13:12:46	78786.97	394739.39	34.21	Soil	7,980	-1.68
08/10/2021	13:12:47	78786.12	394739.50	34.18	Soil	8,220	-1.52
08/10/2021	13:12:48	78785.98	394739.62	34.18	Soil	9,600	-0.57
08/10/2021	13:12:49	78786.57	394739.53	34.16	Soil	7,980	-1.68
08/10/2021	13:12:50	78787.14	394739.28	34.16	Soil	8,700	-1.19
08/10/2021	13:12:51	78786.40	394739.25	34.10	Soil	8,160	-1.56
08/10/2021	13:12:52	78785.80	394739.40	34.42	Soil	9,600	-0.57
08/10/2021	13:12:53	78786.50	394739.67	34.42	Soil	9,840	-0.41
08/10/2021	13:12:54	78786.96	394739.80	34.57	Soil	8,460	-1.35
08/10/2021	13:12:55	78786.20	394739.86	34.46	Soil	8,400	-1.39
08/10/2021	13:12:56	78785.59	394739.88	34.33	Soil	8,460	-1.35
08/10/2021	13:12:57	78786.30	394739.87	34.25	Soil	8,640	-1.23
08/10/2021	13:12:58	78786.51	394739.72	34.25	Soil	7,260	-2.17
08/10/2021	13:12:59	78785.74	394739.93	34.21	Soil	7,320	-2.13
08/10/2021	13:13:00	78785.57	394740.25	34.28	Soil	9,060	-0.94
08/10/2021	13:13:01	78786.43	394740.27	34.34	Soil	8,520	-1.31
08/10/2021	13:13:02	78786.51	394740.14	34.29	Soil	7,680	-1.88
08/10/2021	13:13:03	78785.47	394740.00	34.24	Soil	7,860	-1.76
08/10/2021	13:13:04	78785.11	394740.14	34.20	Soil	9,360	-0.74
08/10/2021	13:13:05	78785.85	394740.32	34.13	Soil	8,100	-1.60
08/10/2021	13:13:06	78786.46	394740.37	34.13	Soil	8,880	-1.06
08/10/2021	13:13:08	78785.76	394740.50	34.13	Soil	9,480	-0.65
08/10/2021	13:13:09	78785.06	394740.52	34.20	Soil	8,940	-1.02
08/10/2021	13:13:09	78785.59	394740.70	34.20	Soil	8,820	-1.10
08/10/2021	13:13:10	78785.98	394740.78	34.27	Soil	9,000	-0.98
08/10/2021	13:13:11	78785.61	394740.81	34.25	Soil	8,340	-1.43
08/10/2021	13:13:12	78785.08	394740.82	34.30	Soil	7,680	-1.88
08/10/2021	13:13:13	78785.39	394740.93	34.30	Soil	9,240	-0.82
08/10/2021	13:13:14	78785.45	394740.79	34.41	Soil	8,760	-1.15
08/10/2021	13:13:15	78785.19	394741.07	34.61	Soil	9,300	-0.78
08/10/2021	13:13:16	78785.26	394741.24	34.61	Soil	10,020	-0.28
08/10/2021	13:13:17	78785.58	394741.26	34.68	Soil	10,560	0.09
08/10/2021	13:13:18	78785.47	394741.11	34.52	Soil	8,520	-1.31
08/10/2021	13:13:19	78784.80	394740.92	34.51	Soil	9,840	-0.41
08/10/2021	13:13:20	78785.01	394740.97	34.39	Soil	8,760	-1.15
08/10/2021	13:13:21	78785.85	394740.93	34.39	Soil	9,720	-0.49
08/10/2021	13:13:22	78785.41	394740.74	34.37	Soil	9,660	-0.53
08/10/2021	13:13:23	78784.64	394741.09	34.61	Soil	10,680	0.17
08/10/2021	13:13:24	78784.99	394741.03	34.62	Soil	10,680	0.17
08/10/2021	13:13:25	78785.88	394741.03	34.52	Soil	9,600	-0.57
08/10/2021	13:13:26	78785.62	394740.89	34.53	Soil	8,700	-1.19
08/10/2021	13:13:27	78784.77	394741.13	34.64	Soil	10,020	-0.28
08/10/2021	13:13:28	78784.86	394741.35	34.60	Soil	9,420	-0.69
08/10/2021	13:13:29	78785.89	394740.91	34.54	Soil	9,360	-0.74
08/10/2021	13:13:30	78785.77	394740.86	34.46	Soil	8,820	-1.10
08/10/2021	13:13:31	78785.26	394741.20	34.51	Soil	10,140	-0.20
08/10/2021	13:13:32	78784.86	394741.40	34.63	Soil	8,520	-1.31
08/10/2021	13:13:33	78785.23	394741.18	34.69	Soil	9,600	-0.57
08/10/2021	13:13:34	78785.59	394741.41	34.69	Soil	9,180	-0.86
08/10/2021	13:13:35	78784.96	394741.31	34.72	Soil	9,660	-0.53
08/10/2021	13:13:36	78784.88	394741.34	34.75	Soil	8,940	-1.02

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08/10/2021	13:13:37	78784.92	394741.38	34.72	Soil	9,360	-0.74
08/10/2021	13:13:38	78784.96	394741.57	34.86	Soil	9,660	-0.53
08/10/2021	13:13:39	78785.46	394741.43	34.76	Soil	8,820	-1.10
08/10/2021	13:13:40	78785.05	394741.36	34.70	Soil	9,060	-0.94
08/10/2021	13:13:41	78784.83	394741.31	34.74	Soil	8,520	-1.31
08/10/2021	13:13:42	78785.20	394741.34	34.84	Soil	9,900	-0.37
08/10/2021	13:13:43	78785.19	394741.44	34.90	Soil	8,880	-1.06
08/10/2021	13:13:44	78784.46	394741.52	34.94	Soil	9,420	-0.69
08/10/2021	13:13:45	78784.68	394741.43	34.91	Soil	9,060	-0.94
08/10/2021	13:13:46	78785.59	394741.34	34.93	Soil	9,660	-0.53
08/10/2021	13:13:47	78785.28	394741.48	34.81	Soil	8,700	-1.19
08/10/2021	13:13:48	78784.32	394741.51	34.74	Soil	9,600	-0.57
08/10/2021	13:13:49	78784.97	394741.44	34.61	Soil	7,440	-2.05
08/10/2021	13:13:50	78785.81	394741.33	34.68	Soil	9,120	-0.90
08/10/2021	13:13:51	78785.13	394741.35	34.53	Soil	9,240	-0.82
08/10/2021	13:13:52	78784.53	394741.30	34.47	Soil	8,760	-1.15
08/10/2021	13:13:53	78784.97	394741.29	34.43	Soil	8,340	-1.43
08/10/2021	13:13:54	78785.49	394741.29	34.41	Soil	9,000	-0.98
08/10/2021	13:13:56	78785.06	394741.27	34.54	Soil	9,960	-0.32
08/10/2021	13:13:56	78784.33	394741.55	34.54	Soil	8,880	-1.06
08/10/2021	13:13:57	78785.10	394741.68	34.68	Soil	9,480	-0.65
08/10/2021	13:13:58	78785.51	394741.82	34.76	Soil	8,400	-1.39
08/10/2021	13:13:59	78785.12	394741.90	34.72	Soil	8,280	-1.47
08/10/2021	13:14:00	78784.69	394741.74	34.76	Soil	9,720	-0.49
08/10/2021	13:14:01	78785.08	394741.98	34.76	Soil	10,320	-0.08
08/10/2021	13:14:02	78784.87	394741.71	34.83	Soil	10,620	0.13
08/10/2021	13:14:03	78784.13	394741.93	34.82	Soil	9,300	-0.78
08/10/2021	13:14:04	78784.48	394742.02	34.93	Soil	9,480	-0.65
08/10/2021	13:14:05	78785.17	394741.77	34.87	Soil	8,820	-1.10
08/10/2021	13:14:06	78784.80	394741.86	34.85	Soil	8,340	-1.43
08/10/2021	13:14:07	78784.32	394742.14	34.84	Soil	9,300	-0.78
08/10/2021	13:14:08	78784.88	394742.15	35.03	Soil	6,840	-2.46
08/10/2021	13:14:09	78785.05	394742.14	35.05	Soil	8,700	-1.19
08/10/2021	13:14:10	78784.36	394742.25	35.05	Soil	9,780	-0.45
08/10/2021	13:14:11	78784.46	394742.27	35.11	Soil	9,360	-0.74
08/10/2021	13:14:12	78785.03	394742.35	35.20	Soil	9,540	-0.61
08/10/2021	13:14:13	78784.31	394742.64	35.19	Soil	10,140	-0.20
08/10/2021	13:14:14	78783.96	394742.78	35.24	Soil	9,000	-0.98
08/10/2021	13:14:15	78784.95	394742.59	35.21	Soil	8,520	-1.31
08/10/2021	13:14:16	78784.89	394742.46	35.20	Soil	8,760	-1.15
08/10/2021	13:14:17	78784.15	394742.79	35.23	Soil	9,120	-0.90
08/10/2021	13:14:18	78784.09	394742.90	35.31	Soil	10,200	-0.16
08/10/2021	13:14:19	78784.65	394742.74	35.34	Soil	9,900	-0.37
08/10/2021	13:14:20	78784.39	394742.91	35.32	Soil	10,320	-0.08
08/10/2021	13:14:21	78784.39	394743.00	35.35	Soil	11,460	0.70
08/10/2021	13:14:22	78784.73	394743.07	35.36	Soil	9,180	-0.86
08/10/2021	13:14:23	78784.56	394743.08	35.33	Soil	9,300	-0.78
08/10/2021	13:14:24	78784.17	394742.92	35.28	Soil	8,520	-1.31
08/10/2021	13:14:25	78784.08	394742.97	35.27	Soil	9,720	-0.49
08/10/2021	13:14:26	78784.03	394743.30	35.36	Soil	9,900	-0.37
08/10/2021	13:14:27	78783.97	394743.47	35.48	Soil	10,320	-0.08

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08/10/2021	13:14:28	78784.08	394743.08	35.35	Soil	12,120	1.15
08/10/2021	13:14:29	78784.00	394743.04	35.40	Soil	9,720	-0.49
08/10/2021	13:14:30	78784.07	394743.18	35.41	Soil	8,940	-1.02
08/10/2021	13:14:31	78784.05	394743.54	35.35	Soil	11,640	0.82
08/10/2021	13:14:32	78784.02	394743.42	35.38	Soil	11,040	0.41
08/10/2021	13:14:33	78784.15	394743.43	35.39	Soil	11,940	1.03
08/10/2021	13:14:34	78784.49	394743.33	35.38	Soil	10,200	-0.16
08/10/2021	13:14:35	78784.00	394743.64	35.47	Soil	10,020	-0.28
08/10/2021	13:14:36	78784.06	394743.85	35.59	Soil	9,480	-0.65
08/10/2021	13:14:37	78784.26	394743.83	35.83	Soil	9,240	-0.82
08/10/2021	13:14:41	78784.60	394744.16	35.72	Soil	9,360	-0.74
08/10/2021	13:14:47	78784.51	394744.44	35.68	Soil	9,000	-0.98
08/10/2021	13:15:07	78784.67	394744.28	35.58	Soil	10,020	-0.28
08/10/2021	13:15:23	78784.56	394744.34	36.34	Soil	9,900	-0.37
08/10/2021	13:15:24	78784.66	394744.11	36.34	Soil	9,840	-0.41
08/10/2021	13:15:33	78784.76	394743.92	36.66	Soil	9,300	-0.78
08/10/2021	13:15:35	78784.94	394743.82	36.54	Soil	10,560	0.09
08/10/2021	13:15:36	78784.61	394743.84	36.34	Soil	8,160	-1.56
08/10/2021	13:15:37	78784.99	394743.81	36.25	Soil	9,900	-0.37
08/10/2021	13:15:38	78785.20	394743.55	36.25	Soil	8,460	-1.35
08/10/2021	13:15:39	78785.13	394743.32	36.29	Soil	9,780	-0.45
08/10/2021	13:15:40	78785.27	394743.50	36.25	Soil	9,480	-0.65
08/10/2021	13:15:41	78785.51	394743.44	36.18	Soil	8,280	-1.47
08/10/2021	13:15:42	78785.44	394743.47	36.21	Soil	9,900	-0.37
08/10/2021	13:15:43	78785.38	394743.34	36.23	Soil	8,340	-1.43
08/10/2021	13:15:44	78785.43	394743.25	36.35	Soil	9,840	-0.41
08/10/2021	13:15:45	78785.43	394743.47	36.39	Soil	9,660	-0.53
08/10/2021	13:15:46	78785.51	394743.38	36.40	Soil	9,300	-0.78
08/10/2021	13:15:47	78785.47	394743.18	36.21	Soil	9,420	-0.69
08/10/2021	13:15:48	78784.92	394743.39	36.27	Soil	9,180	-0.86
08/10/2021	13:15:49	78784.98	394743.51	36.33	Soil	10,140	-0.20
08/10/2021	13:15:50	78785.49	394743.46	36.30	Soil	8,820	-1.10
08/10/2021	13:15:51	78785.58	394743.40	36.29	Soil	8,340	-1.43
08/10/2021	13:15:52	78785.00	394743.49	36.27	Soil	9,360	-0.74
08/10/2021	13:15:53	78785.35	394743.24	36.21	Soil	8,340	-1.43
08/10/2021	13:15:54	78785.77	394742.96	36.21	Soil	9,060	-0.94
08/10/2021	13:15:55	78785.58	394742.94	36.18	Soil	9,540	-0.61
08/10/2021	13:15:56	78785.25	394742.93	36.13	Soil	8,280	-1.47
08/10/2021	13:15:57	78785.81	394742.97	36.12	Soil	9,420	-0.69
08/10/2021	13:15:58	78786.09	394743.00	36.03	Soil	8,760	-1.15
08/10/2021	13:15:59	78785.64	394742.90	36.00	Soil	10,380	-0.04
08/10/2021	13:16:00	78785.36	394742.91	35.93	Soil	10,080	-0.24
08/10/2021	13:16:01	78785.80	394742.69	36.02	Soil	8,220	-1.52
08/10/2021	13:16:02	78786.37	394742.58	36.07	Soil	9,180	-0.86
08/10/2021	13:16:03	78786.10	394742.56	36.01	Soil	7,680	-1.88
08/10/2021	13:16:04	78785.52	394742.60	35.90	Soil	10,020	-0.28
08/10/2021	13:16:05	78785.82	394742.50	35.94	Soil	7,020	-2.34
08/10/2021	13:16:06	78786.39	394742.34	36.00	Soil	7,740	-1.84
08/10/2021	13:16:07	78786.02	394742.30	35.92	Soil	7,980	-1.68
08/10/2021	13:16:08	78785.57	394742.27	35.81	Soil	9,360	-0.74
08/10/2021	13:16:09	78786.20	394742.14	35.91	Soil	8,880	-1.06

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08/10/2021	13:16:10	78786.49	394742.23	35.94	Soil	8,640	-1.23
08/10/2021	13:16:11	78785.64	394742.30	35.77	Soil	8,640	-1.23
08/10/2021	13:16:12	78785.49	394742.19	35.59	Soil	7,740	-1.84
08/10/2021	13:16:13	78785.97	394741.94	35.73	Soil	8,340	-1.43
08/10/2021	13:16:14	78786.74	394741.88	35.77	Soil	9,300	-0.78
08/10/2021	13:16:15	78786.35	394741.96	35.70	Soil	10,800	0.25
08/10/2021	13:16:16	78785.50	394741.90	35.56	Soil	8,580	-1.27
08/10/2021	13:16:17	78785.99	394741.78	35.41	Soil	8,520	-1.31
08/10/2021	13:16:18	78786.78	394741.49	35.50	Soil	9,300	-0.78
08/10/2021	13:16:19	78786.75	394741.53	35.49	Soil	8,640	-1.23
08/10/2021	13:16:20	78786.10	394741.40	35.45	Soil	9,300	-0.78
08/10/2021	13:16:21	78785.84	394741.39	35.34	Soil	9,420	-0.69
08/10/2021	13:16:22	78786.53	394741.59	35.39	Soil	10,440	0.00
08/10/2021	13:16:23	78786.78	394741.50	35.32	Soil	9,960	-0.32
08/10/2021	13:16:24	78786.13	394741.45	35.24	Soil	7,500	-2.01
08/10/2021	13:16:25	78786.20	394741.52	35.17	Soil	8,820	-1.10
08/10/2021	13:16:26	78786.84	394741.24	35.28	Soil	10,080	-0.24
08/10/2021	13:16:27	78786.90	394741.14	35.20	Soil	10,200	-0.16
08/10/2021	13:16:28	78786.17	394741.23	35.14	Soil	8,280	-1.47
08/10/2021	13:16:29	78786.21	394741.56	35.25	Soil	10,140	-0.20
08/10/2021	13:16:30	78786.74	394741.65	35.35	Soil	8,400	-1.39
08/10/2021	13:16:31	78786.60	394741.48	35.24	Soil	10,020	-0.28
08/10/2021	13:16:32	78785.97	394741.08	35.09	Soil	8,340	-1.43
08/10/2021	13:16:33	78786.16	394741.19	34.91	Soil	9,360	-0.74
08/10/2021	13:16:34	78786.97	394741.25	34.99	Soil	8,700	-1.19
08/10/2021	13:16:35	78787.02	394741.10	35.05	Soil	9,300	-0.78
08/10/2021	13:16:36	78786.64	394741.20	35.04	Soil	8,160	-1.56
08/10/2021	13:16:37	78786.82	394741.23	35.07	Soil	8,760	-1.15
08/10/2021	13:16:38	78787.34	394741.05	34.97	Soil	8,580	-1.27
08/10/2021	13:16:39	78786.96	394740.90	34.78	Soil	9,540	-0.61
08/10/2021	13:16:40	78786.29	394740.91	34.70	Soil	9,480	-0.65
08/10/2021	13:16:41	78786.88	394740.84	34.61	Soil	8,340	-1.43
08/10/2021	13:16:42	78787.65	394740.50	34.62	Soil	8,880	-1.06
08/10/2021	13:16:43	78787.23	394740.53	34.54	Soil	8,940	-1.02
08/10/2021	13:16:44	78786.79	394740.63	34.40	Soil	7,260	-2.17
08/10/2021	13:16:45	78787.19	394740.55	34.28	Soil	9,420	-0.69
08/10/2021	13:16:46	78787.49	394740.30	34.31	Soil	7,620	-1.93
08/10/2021	13:16:47	78787.53	394740.00	34.33	Soil	7,380	-2.09
08/10/2021	13:16:48	78786.98	394739.83	34.21	Soil	8,700	-1.19
08/10/2021	13:16:49	78787.00	394739.98	34.29	Soil	8,220	-1.52
08/10/2021	13:16:50	78787.64	394739.82	34.33	Soil	9,180	-0.86
08/10/2021	13:16:51	78787.75	394739.88	34.33	Soil	8,040	-1.64
08/10/2021	13:16:52	78787.51	394740.06	34.29	Soil	8,940	-1.02
08/10/2021	13:16:53	78787.72	394739.98	34.32	Soil	7,920	-1.72
08/10/2021	13:16:54	78788.08	394739.68	34.34	Soil	7,500	-2.01
08/10/2021	13:16:55	78788.35	394739.26	34.20	Soil	8,220	-1.52
08/10/2021	13:16:56	78788.02	394739.58	34.24	Soil	9,480	-0.65
08/10/2021	13:16:57	78787.70	394739.77	34.29	Soil	8,940	-1.02
08/10/2021	13:16:58	78788.02	394739.51	34.25	Soil	8,640	-1.23
08/10/2021	13:16:59	78788.51	394739.21	34.35	Soil	8,760	-1.15
08/10/2021	13:17:00	78787.85	394739.64	34.37	Soil	9,120	-0.90

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08/10/2021	13:17:01	78787.36	394740.21	34.51	Soil	8,340	-1.43
08/10/2021	13:17:02	78787.73	394739.91	34.46	Soil	7,620	-1.93
08/10/2021	13:17:03	78788.16	394739.41	34.39	Soil	9,240	-0.82
08/10/2021	13:17:04	78788.12	394739.75	34.41	Soil	7,860	-1.76
08/10/2021	13:17:05	78787.58	394740.13	34.54	Soil	8,400	-1.39
08/10/2021	13:17:06	78787.62	394740.18	34.57	Soil	9,540	-0.61
08/10/2021	13:17:07	78788.32	394739.71	34.54	Soil	8,940	-1.02
08/10/2021	13:17:08	78788.32	394739.87	34.73	Soil	8,700	-1.19
08/10/2021	13:17:09	78788.02	394740.48	34.94	Soil	7,980	-1.68
08/10/2021	13:17:10	78788.07	394740.48	34.98	Soil	9,360	-0.74
08/10/2021	13:17:11	78788.28	394740.24	34.98	Soil	9,540	-0.61
08/10/2021	13:17:12	78788.55	394740.00	35.05	Soil	10,020	-0.28
08/10/2021	13:17:13	78788.63	394740.02	35.06	Soil	10,620	0.13
08/10/2021	13:17:14	78788.30	394740.50	35.14	Soil	8,940	-1.02
08/10/2021	13:17:15	78788.07	394740.58	35.15	Soil	9,900	-0.37
08/10/2021	13:17:16	78788.34	394740.07	35.11	Soil	8,820	-1.10
08/10/2021	13:17:17	78788.48	394739.98	35.17	Soil	9,960	-0.32
08/10/2021	13:17:18	78787.92	394740.51	35.23	Soil	9,900	-0.37
08/10/2021	13:17:19	78787.55	394740.81	35.28	Soil	9,840	-0.41
08/10/2021	13:17:20	78787.86	394740.54	35.27	Soil	9,240	-0.82
08/10/2021	13:17:21	78788.15	394740.46	35.28	Soil	10,260	-0.12
08/10/2021	13:17:22	78787.63	394740.87	35.32	Soil	9,720	-0.49
08/10/2021	13:17:23	78787.13	394741.06	35.33	Soil	9,300	-0.78
08/10/2021	13:17:24	78787.54	394740.93	35.35	Soil	10,320	-0.08
08/10/2021	13:17:25	78787.75	394740.85	35.44	Soil	9,120	-0.90
08/10/2021	13:17:26	78787.49	394741.19	35.43	Soil	10,560	0.09
08/10/2021	13:17:27	78787.16	394741.32	35.39	Soil	8,820	-1.10
08/10/2021	13:17:28	78787.54	394741.07	35.41	Soil	9,000	-0.98
08/10/2021	13:17:29	78787.74	394741.25	35.47	Soil	9,960	-0.32
08/10/2021	13:17:30	78787.06	394741.73	35.52	Soil	9,960	-0.32
08/10/2021	13:17:31	78786.96	394741.80	35.49	Soil	9,540	-0.61
08/10/2021	13:17:32	78787.40	394741.47	35.44	Soil	8,940	-1.02
08/10/2021	13:17:33	78787.25	394741.56	35.60	Soil	9,060	-0.94
08/10/2021	13:17:34	78786.78	394741.80	35.69	Soil	9,900	-0.37
08/10/2021	13:17:35	78786.74	394741.87	35.67	Soil	7,500	-2.01
08/10/2021	13:17:36	78787.11	394741.70	35.64	Soil	9,900	-0.37
08/10/2021	13:17:37	78787.31	394741.71	35.58	Soil	8,580	-1.27
08/10/2021	13:17:38	78786.90	394741.99	35.54	Soil	8,640	-1.23
08/10/2021	13:17:39	78786.82	394742.02	35.56	Soil	10,200	-0.16
08/10/2021	13:17:40	78786.80	394742.19	35.64	Soil	7,620	-1.93
08/10/2021	13:17:41	78786.48	394742.37	35.71	Soil	9,300	-0.78
08/10/2021	13:17:42	78786.57	394742.22	35.64	Soil	8,640	-1.23
08/10/2021	13:17:43	78787.08	394742.06	35.68	Soil	9,480	-0.65
08/10/2021	13:17:44	78786.62	394742.37	35.72	Soil	9,540	-0.61
08/10/2021	13:17:45	78786.20	394742.67	35.97	Soil	8,880	-1.06
08/10/2021	13:17:46	78786.29	394742.86	36.01	Soil	8,220	-1.52
08/10/2021	13:17:47	78786.80	394742.47	35.99	Soil	9,060	-0.94
08/10/2021	13:17:48	78786.64	394742.32	35.89	Soil	8,520	-1.31
08/10/2021	13:17:49	78785.85	394742.82	36.00	Soil	9,300	-0.78
08/10/2021	13:17:50	78785.79	394742.93	36.06	Soil	8,700	-1.19
08/10/2021	13:17:51	78786.31	394742.87	36.09	Soil	8,160	-1.56

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08/10/2021	13:17:52	78786.33	394742.82	36.23	Soil	9,480	-0.65
08/10/2021	13:17:53	78785.71	394743.05	36.26	Soil	9,540	-0.61
08/10/2021	13:17:54	78786.10	394743.30	36.34	Soil	9,900	-0.37
08/10/2021	13:17:55	78786.24	394743.26	36.36	Soil	10,680	0.17
08/10/2021	13:17:56	78785.65	394743.24	36.36	Soil	9,180	-0.86
08/10/2021	13:17:57	78785.49	394743.19	36.41	Soil	9,180	-0.86
08/10/2021	13:17:58	78786.17	394743.04	36.47	Soil	9,360	-0.74
08/10/2021	13:17:59	78786.16	394743.11	36.52	Soil	9,600	-0.57
08/10/2021	13:18:00	78785.49	394743.50	36.81	Soil	8,640	-1.23
08/10/2021	13:18:01	78785.63	394743.75	36.83	Soil	10,920	0.33
08/10/2021	13:18:02	78786.00	394743.77	36.97	Soil	11,220	0.54
08/10/2021	13:18:03	78785.62	394743.92	36.76	Soil	10,680	0.17
08/10/2021	13:18:04	78785.84	394743.64	36.61	Soil	9,420	-0.69
08/10/2021	13:18:05	78786.33	394743.48	36.66	Soil	8,460	-1.35
08/10/2021	13:18:06	78785.96	394743.68	36.68	Soil	9,060	-0.94
08/10/2021	13:18:07	78785.59	394743.78	36.80	Soil	11,280	0.58
08/10/2021	13:18:08	78785.94	394743.80	36.79	Soil	10,560	0.09
08/10/2021	13:18:13	78785.41	394744.11	36.87	Soil	10,500	0.04
08/10/2021	13:18:15	78785.65	394744.05	36.87	Soil	9,600	-0.57
08/10/2021	13:18:34	78785.88	394744.88	36.82	Soil	10,560	0.09
08/10/2021	13:18:35	78786.10	394744.95	36.93	Soil	11,220	0.54
08/10/2021	13:18:36	78786.04	394744.84	37.05	Soil	10,800	0.25
08/10/2021	13:18:37	78785.94	394744.91	37.05	Soil	9,300	-0.78
08/10/2021	13:18:38	78786.00	394744.96	36.99	Soil	11,520	0.74
08/10/2021	13:18:39	78786.05	394744.78	36.99	Soil	10,740	0.21
08/10/2021	13:18:40	78786.22	394744.98	36.97	Soil	10,200	-0.16
08/10/2021	13:18:41	78786.25	394745.00	36.92	Soil	10,080	-0.24
08/10/2021	13:18:42	78786.00	394744.84	36.89	Soil	10,620	0.13
08/10/2021	13:18:43	78785.98	394744.89	36.75	Soil	9,780	-0.45
08/10/2021	13:18:44	78785.94	394744.93	36.74	Soil	10,200	-0.16
08/10/2021	13:18:45	78785.95	394745.12	36.73	Soil	10,140	-0.20
08/10/2021	13:18:46	78785.89	394745.11	36.71	Soil	9,600	-0.57
08/10/2021	13:18:47	78785.87	394745.10	36.69	Soil	10,620	0.13
08/10/2021	13:18:48	78785.84	394745.19	36.63	Soil	9,840	-0.41
08/10/2021	13:18:49	78786.01	394745.43	36.60	Soil	10,500	0.04
08/10/2021	13:18:50	78786.21	394745.01	36.69	Soil	9,480	-0.65
08/10/2021	13:18:51	78786.31	394745.03	36.76	Soil	9,960	-0.32
08/10/2021	13:18:52	78786.24	394745.32	36.84	Soil	9,900	-0.37
08/10/2021	13:18:53	78786.16	394745.18	36.85	Soil	10,320	-0.08
08/10/2021	13:18:54	78786.21	394744.91	36.86	Soil	9,960	-0.32
08/10/2021	13:18:55	78786.21	394744.76	36.77	Soil	11,640	0.82
08/10/2021	13:18:56	78786.11	394745.43	36.83	Soil	9,300	-0.78
08/10/2021	13:18:57	78786.21	394745.44	36.77	Soil	11,460	0.70
08/10/2021	13:18:59	78786.12	394744.94	36.53	Soil	10,500	0.04
08/10/2021	13:19:00	78785.92	394745.17	36.69	Soil	9,960	-0.32
08/10/2021	13:19:01	78786.17	394744.83	36.57	Soil	8,940	-1.02
08/10/2021	13:19:02	78786.60	394744.59	36.52	Soil	9,780	-0.45
08/10/2021	13:19:03	78786.41	394744.96	36.64	Soil	10,260	-0.12
08/10/2021	13:19:04	78786.39	394745.00	36.63	Soil	12,240	1.23
08/10/2021	13:19:05	78786.65	394744.48	36.64	Soil	10,620	0.13
08/10/2021	13:19:06	78786.46	394744.69	36.60	Soil	9,060	-0.94

SU 7B GWS RESULTS

08/10/2021	13:19:08	78786.70	394744.44	36.58	Soil	10,260	-0.12
08/10/2021	13:19:09	78786.59	394744.42	36.52	Soil	10,680	0.17
08/10/2021	13:19:11	78786.66	394744.36	36.54	Soil	9,120	-0.90
08/10/2021	13:19:12	78786.84	394744.24	36.52	Soil	10,560	0.09
08/10/2021	13:19:18	78786.84	394744.05	36.52	Soil	9,360	-0.74
08/10/2021	13:19:22	78786.66	394744.08	36.54	Soil	7,440	-2.05
08/10/2021	13:19:23	78786.65	394743.82	36.55	Soil	10,980	0.37
08/10/2021	13:19:24	78786.81	394743.76	36.47	Soil	9,420	-0.69
08/10/2021	13:19:25	78787.19	394743.86	36.63	Soil	10,320	-0.08
08/10/2021	13:19:26	78787.15	394743.60	36.48	Soil	9,840	-0.41
08/10/2021	13:19:27	78787.12	394743.41	36.31	Soil	9,960	-0.32
08/10/2021	13:19:28	78787.28	394743.34	36.44	Soil	9,300	-0.78
08/10/2021	13:19:29	78787.21	394743.44	36.51	Soil	8,640	-1.23
08/10/2021	13:19:30	78787.11	394743.73	36.59	Soil	9,780	-0.45
08/10/2021	13:19:31	78787.36	394743.39	36.50	Soil	9,480	-0.65
08/10/2021	13:19:32	78787.38	394743.19	36.40	Soil	8,760	-1.15
08/10/2021	13:19:33	78787.09	394743.34	36.31	Soil	9,480	-0.65
08/10/2021	13:19:34	78787.43	394743.05	36.28	Soil	9,420	-0.69
08/10/2021	13:19:35	78787.66	394743.19	36.24	Soil	10,740	0.21
08/10/2021	13:19:36	78787.28	394743.36	36.34	Soil	9,240	-0.82
08/10/2021	13:19:37	78787.37	394743.33	36.31	Soil	9,120	-0.90
08/10/2021	13:19:38	78787.50	394742.92	36.15	Soil	9,180	-0.86
08/10/2021	13:19:39	78787.44	394742.87	36.08	Soil	8,580	-1.27
08/10/2021	13:19:40	78787.28	394742.97	35.97	Soil	9,360	-0.74
08/10/2021	13:19:41	78787.19	394743.06	36.01	Soil	9,240	-0.82
08/10/2021	13:19:42	78787.04	394743.26	36.10	Soil	7,440	-2.05
08/10/2021	13:19:43	78787.17	394743.29	36.18	Soil	9,300	-0.78
08/10/2021	13:19:44	78787.32	394743.25	36.08	Soil	9,660	-0.53
08/10/2021	13:19:45	78786.83	394743.39	36.02	Soil	8,940	-1.02
08/10/2021	13:19:46	78786.74	394743.47	36.06	Soil	9,180	-0.86
08/10/2021	13:19:47	78787.14	394743.39	36.09	Soil	9,180	-0.86
08/10/2021	13:19:48	78787.02	394743.48	36.13	Soil	10,260	-0.12
08/10/2021	13:19:49	78786.51	394743.71	36.11	Soil	8,820	-1.10
08/10/2021	13:19:50	78786.55	394743.69	36.14	Soil	9,780	-0.45
08/10/2021	13:19:51	78786.90	394743.67	36.12	Soil	8,760	-1.15
08/10/2021	13:19:52	78786.94	394743.80	36.19	Soil	9,660	-0.53
08/10/2021	13:19:53	78786.83	394743.77	36.19	Soil	8,520	-1.31
08/10/2021	13:19:54	78786.81	394743.46	36.01	Soil	9,540	-0.61
08/10/2021	13:19:55	78786.53	394743.21	36.33	Soil	10,500	0.04
08/10/2021	13:19:56	78786.16	394743.07	36.02	Soil	10,080	-0.24
08/10/2021	13:19:57	78786.42	394743.04	35.81	Soil	10,620	0.13
08/10/2021	13:19:58	78786.63	394743.06	35.78	Soil	9,780	-0.45
08/10/2021	13:19:59	78786.33	394743.26	35.65	Soil	10,260	-0.12
08/10/2021	13:20:00	78786.36	394743.33	35.70	Soil	9,540	-0.61
08/10/2021	13:20:01	78786.42	394743.62	35.99	Soil	7,860	-1.76
08/10/2021	13:20:02	78786.09	394743.76	36.21	Soil	9,420	-0.69
08/10/2021	13:20:03	78786.42	394743.80	36.18	Soil	8,820	-1.10
08/10/2021	13:20:04	78786.37	394743.64	36.01	Soil	10,740	0.21
08/10/2021	13:20:05	78785.85	394743.69	35.97	Soil	9,900	-0.37
08/10/2021	13:20:06	78785.96	394743.80	35.81	Soil	9,540	-0.61
08/10/2021	13:20:07	78786.28	394743.84	35.83	Soil	10,080	-0.24

SU 7B GWS RESULTS

08/10/2021	13:20:08	78785.96	394744.01	36.04	Soil	10,440	0.00
08/10/2021	13:20:17	78786.12	394745.05	36.47	Soil	9,120	-0.90
08/10/2021	13:20:23	78786.50	394744.45	36.47	Soil	10,500	0.04
08/10/2021	13:20:26	78786.55	394744.52	36.48	Soil	9,660	-0.53
08/10/2021	13:20:27	78786.40	394744.31	36.50	Soil	10,800	0.25
08/10/2021	13:20:29	78786.71	394744.08	36.38	Soil	9,660	-0.53
08/10/2021	13:20:32	78786.54	394743.91	36.77	Soil	9,360	-0.74
08/10/2021	13:20:33	78786.72	394743.80	36.59	Soil	11,040	0.41
08/10/2021	13:20:34	78786.69	394743.77	36.42	Soil	9,780	-0.45
08/10/2021	13:20:35	78786.66	394743.85	36.19	Soil	10,500	0.04
08/10/2021	13:20:36	78786.82	394743.70	36.21	Soil	8,880	-1.06
08/10/2021	13:20:37	78787.08	394743.47	36.25	Soil	10,200	-0.16
08/10/2021	13:20:38	78786.92	394743.42	36.29	Soil	9,840	-0.41
08/10/2021	13:20:39	78786.69	394743.46	36.33	Soil	10,620	0.13
08/10/2021	13:20:40	78787.04	394743.32	36.42	Soil	9,780	-0.45
08/10/2021	13:20:41	78787.07	394743.30	36.42	Soil	9,600	-0.57
08/10/2021	13:20:42	78786.68	394743.27	36.64	Soil	11,640	0.82
08/10/2021	13:20:43	78786.82	394743.07	36.39	Soil	9,300	-0.78
08/10/2021	13:20:44	78787.16	394743.04	36.32	Soil	10,500	0.04
08/10/2021	13:20:45	78786.90	394743.15	36.30	Soil	10,020	-0.28
08/10/2021	13:20:46	78786.82	394743.01	36.15	Soil	9,660	-0.53
08/10/2021	13:20:47	78787.11	394742.70	36.09	Soil	9,180	-0.86
08/10/2021	13:20:48	78787.30	394742.59	36.00	Soil	9,300	-0.78
08/10/2021	13:20:49	78786.92	394742.78	36.05	Soil	8,880	-1.06
08/10/2021	13:20:50	78786.70	394742.90	36.12	Soil	8,580	-1.27
08/10/2021	13:20:51	78787.20	394742.61	36.10	Soil	8,940	-1.02
08/10/2021	13:20:52	78787.66	394742.45	36.10	Soil	9,120	-0.90
08/10/2021	13:20:53	78787.28	394742.57	36.07	Soil	9,540	-0.61
08/10/2021	13:20:54	78787.05	394742.49	36.06	Soil	8,940	-1.02
08/10/2021	13:20:55	78787.55	394742.32	36.03	Soil	9,120	-0.90
08/10/2021	13:20:56	78787.72	394742.19	35.97	Soil	10,740	0.21
08/10/2021	13:20:57	78787.32	394742.34	35.91	Soil	10,920	0.33
08/10/2021	13:20:58	78787.08	394742.40	35.83	Soil	9,060	-0.94
08/10/2021	13:20:59	78787.33	394742.20	35.82	Soil	9,360	-0.74
08/10/2021	13:21:00	78787.77	394741.92	35.84	Soil	8,520	-1.31
08/10/2021	13:21:01	78788.15	394741.94	35.84	Soil	9,720	-0.49
08/10/2021	13:21:02	78788.18	394742.21	35.91	Soil	9,660	-0.53
08/10/2021	13:21:03	78788.32	394741.99	35.96	Soil	10,080	-0.24
08/10/2021	13:21:04	78788.24	394741.77	35.94	Soil	10,860	0.29
08/10/2021	13:21:05	78787.85	394742.05	36.04	Soil	10,140	-0.20
08/10/2021	13:21:06	78787.83	394742.15	36.09	Soil	10,200	-0.16
08/10/2021	13:21:07	78788.15	394741.60	35.80	Soil	8,460	-1.35
08/10/2021	13:21:08	78788.20	394741.10	35.54	Soil	9,720	-0.49
08/10/2021	13:21:09	78788.03	394741.23	35.46	Soil	10,260	-0.12
08/10/2021	13:21:10	78788.01	394741.43	35.54	Soil	9,840	-0.41
08/10/2021	13:21:11	78788.47	394741.20	35.58	Soil	9,660	-0.53
08/10/2021	13:21:12	78788.37	394741.00	35.50	Soil	9,720	-0.49
08/10/2021	13:21:13	78787.78	394741.15	35.35	Soil	10,320	-0.08
08/10/2021	13:21:14	78788.21	394741.21	35.43	Soil	8,520	-1.31
08/10/2021	13:21:15	78789.01	394741.01	35.58	Soil	9,660	-0.53
08/10/2021	13:21:16	78788.80	394740.88	35.50	Soil	10,920	0.33

SU 7B GWS RESULTS

08/10/2021	13:21:17	78788.14	394741.00	35.27	Soil	9,720	-0.49
08/10/2021	13:21:18	78788.31	394741.03	35.27	Soil	10,080	-0.24
08/10/2021	13:21:19	78788.94	394740.80	35.46	Soil	9,660	-0.53
08/10/2021	13:21:20	78789.03	394740.74	35.47	Soil	10,860	0.29
08/10/2021	13:21:21	78788.63	394740.88	35.34	Soil	9,180	-0.86
08/10/2021	13:21:22	78788.79	394740.84	35.30	Soil	9,900	-0.37
08/10/2021	13:21:23	78789.16	394740.55	35.46	Soil	8,940	-1.02
08/10/2021	13:21:24	78789.07	394740.50	35.45	Soil	9,660	-0.53
08/10/2021	13:21:25	78788.67	394740.61	35.50	Soil	9,960	-0.32
08/10/2021	13:21:26	78788.84	394740.57	35.60	Soil	9,780	-0.45
08/10/2021	13:21:27	78789.42	394740.16	35.66	Soil	10,020	-0.28
08/10/2021	13:21:28	78789.43	394740.31	35.55	Soil	9,180	-0.86
08/10/2021	13:21:29	78789.09	394740.67	35.44	Soil	11,220	0.54
08/10/2021	13:21:30	78789.35	394740.26	35.55	Soil	10,200	-0.16
08/10/2021	13:21:31	78789.70	394739.84	35.62	Soil	8,940	-1.02
08/10/2021	13:21:32	78789.44	394739.97	35.65	Soil	9,960	-0.32
08/10/2021	13:21:33	78789.15	394740.14	35.42	Soil	10,620	0.13
08/10/2021	13:21:34	78789.58	394739.79	35.53	Soil	10,800	0.25
08/10/2021	13:21:35	78789.75	394739.72	35.58	Soil	9,000	-0.98
08/10/2021	13:21:36	78789.73	394739.63	35.56	Soil	9,960	-0.32
08/10/2021	13:21:37	78789.63	394739.94	35.66	Soil	8,580	-1.27
08/10/2021	13:21:38	78789.76	394740.14	35.67	Soil	9,240	-0.82
08/10/2021	13:21:39	78789.81	394740.03	35.71	Soil	9,720	-0.49
08/10/2021	13:21:40	78789.83	394739.81	35.60	Soil	10,920	0.33
08/10/2021	13:21:41	78789.85	394739.62	35.56	Soil	8,940	-1.02
08/10/2021	13:21:42	78789.72	394739.96	35.54	Soil	9,060	-0.94
08/10/2021	13:21:43	78789.89	394739.85	35.49	Soil	9,360	-0.74
08/10/2021	13:21:44	78790.01	394739.55	35.58	Soil	10,200	-0.16
08/10/2021	13:21:45	78789.68	394739.76	35.69	Soil	9,660	-0.53
08/10/2021	13:21:46	78789.33	394740.11	35.53	Soil	9,660	-0.53
08/10/2021	13:21:47	78789.60	394739.93	35.60	Soil	10,260	-0.12
08/10/2021	13:21:48	78789.80	394739.74	35.46	Soil	7,680	-1.88
08/10/2021	13:21:49	78789.49	394740.13	35.45	Soil	8,760	-1.15
08/10/2021	13:21:50	78789.27	394740.38	35.40	Soil	9,000	-0.98
08/10/2021	13:21:51	78789.56	394740.13	35.54	Soil	8,760	-1.15
08/10/2021	13:21:52	78789.91	394739.53	35.62	Soil	8,160	-1.56
08/10/2021	13:21:53	78789.84	394739.52	35.56	Soil	8,640	-1.23
08/10/2021	13:21:54	78789.47	394740.01	35.61	Soil	9,420	-0.69
08/10/2021	13:21:55	78789.36	394740.30	35.58	Soil	9,600	-0.57
08/10/2021	13:21:56	78789.49	394740.31	35.62	Soil	7,860	-1.76
08/10/2021	13:21:57	78789.77	394740.08	35.71	Soil	8,400	-1.39
08/10/2021	13:21:58	78789.84	394740.01	35.78	Soil	9,240	-0.82
08/10/2021	13:21:59	78789.63	394740.57	35.84	Soil	9,480	-0.65
08/10/2021	13:22:00	78789.59	394740.75	35.71	Soil	9,540	-0.61
08/10/2021	13:22:01	78789.86	394740.63	35.87	Soil	11,400	0.66
08/10/2021	13:22:02	78789.99	394740.50	35.93	Soil	10,740	0.21
08/10/2021	13:22:03	78789.77	394740.81	36.07	Soil	9,060	-0.94
08/10/2021	13:22:04	78789.49	394741.40	36.09	Soil	9,840	-0.41
08/10/2021	13:22:05	78789.66	394741.33	36.04	Soil	8,880	-1.06
08/10/2021	13:22:06	78789.79	394740.97	36.14	Soil	12,300	1.28
08/10/2021	13:22:07	78789.78	394741.09	36.19	Soil	10,260	-0.12

SU 7B GWS RESULTS

08/10/2021	13:22:08	78789.44	394741.57	36.31	Soil	8,880	-1.06
08/10/2021	13:22:09	78789.64	394741.71	36.41	Soil	9,540	-0.61
08/10/2021	13:22:10	78789.93	394741.61	36.32	Soil	8,820	-1.10
08/10/2021	13:22:11	78790.34	394741.00	36.29	Soil	11,460	0.70
08/10/2021	13:22:12	78790.45	394741.03	36.26	Soil	8,700	-1.19
08/10/2021	13:22:13	78790.03	394741.41	36.28	Soil	10,380	-0.04
08/10/2021	13:22:14	78789.90	394741.39	36.16	Soil	11,280	0.58
08/10/2021	13:22:15	78790.03	394741.10	36.14	Soil	10,980	0.37
08/10/2021	13:22:16	78790.27	394741.05	36.25	Soil	10,560	0.09
08/10/2021	13:22:17	78790.01	394741.51	36.33	Soil	12,120	1.15
08/10/2021	13:22:18	78789.79	394741.75	36.38	Soil	8,640	-1.23
08/10/2021	13:22:19	78789.88	394741.61	36.47	Soil	9,360	-0.74
08/10/2021	13:22:20	78789.86	394741.57	36.44	Soil	10,680	0.17
08/10/2021	13:22:21	78789.47	394741.78	36.41	Soil	11,760	0.91
08/10/2021	13:22:22	78789.36	394741.93	36.29	Soil	9,120	-0.90
08/10/2021	13:22:23	78789.69	394741.96	36.37	Soil	10,860	0.29
08/10/2021	13:22:24	78789.69	394742.10	36.47	Soil	10,680	0.17
08/10/2021	13:22:25	78789.22	394742.35	36.36	Soil	9,780	-0.45
08/10/2021	13:22:26	78789.10	394742.25	36.32	Soil	10,320	-0.08
08/10/2021	13:22:27	78789.39	394742.31	36.46	Soil	7,920	-1.72
08/10/2021	13:22:28	78789.20	394742.27	36.37	Soil	10,680	0.17
08/10/2021	13:22:29	78789.05	394742.37	36.33	Soil	11,100	0.45
08/10/2021	13:22:30	78789.15	394742.69	36.68	Soil	9,660	-0.53
08/10/2021	13:22:31	78789.03	394742.85	36.59	Soil	9,120	-0.90
08/10/2021	13:22:32	78788.70	394742.77	36.32	Soil	9,540	-0.61
08/10/2021	13:22:33	78788.83	394742.69	36.58	Soil	8,940	-1.02
08/10/2021	13:22:34	78788.78	394742.51	36.56	Soil	9,120	-0.90
08/10/2021	13:22:35	78788.60	394742.48	36.52	Soil	10,380	-0.04
08/10/2021	13:22:36	78788.75	394742.53	36.59	Soil	9,240	-0.82
08/10/2021	13:22:37	78788.83	394742.50	36.48	Soil	9,240	-0.82
08/10/2021	13:22:38	78788.74	394742.37	36.40	Soil	9,480	-0.65
08/10/2021	13:22:39	78788.84	394742.38	36.24	Soil	9,300	-0.78
08/10/2021	13:22:40	78788.92	394742.57	36.17	Soil	10,800	0.25
08/10/2021	13:22:41	78788.88	394742.65	36.36	Soil	10,320	-0.08
08/10/2021	13:22:42	78788.94	394742.39	36.28	Soil	9,420	-0.69
08/10/2021	13:22:43	78788.75	394742.17	36.23	Soil	10,680	0.17
08/10/2021	13:22:44	78788.80	394742.49	36.17	Soil	9,780	-0.45
08/10/2021	13:22:45	78788.87	394742.48	36.19	Soil	9,240	-0.82
08/10/2021	13:22:46	78788.69	394742.26	36.11	Soil	10,620	0.13
08/10/2021	13:22:47	78788.68	394742.03	36.10	Soil	8,220	-1.52
08/10/2021	13:22:48	78788.75	394742.23	36.10	Soil	9,420	-0.69
08/10/2021	13:22:49	78788.90	394742.35	36.10	Soil	8,820	-1.10
08/10/2021	13:22:50	78788.90	394742.06	36.12	Soil	9,960	-0.32
08/10/2021	13:22:51	78788.40	394742.05	36.16	Soil	10,980	0.37
08/10/2021	13:22:52	78788.47	394742.29	36.21	Soil	9,300	-0.78
08/10/2021	13:22:53	78788.71	394742.25	35.99	Soil	9,420	-0.69
08/10/2021	13:22:54	78788.63	394742.10	35.84	Soil	9,420	-0.69
08/10/2021	13:22:55	78788.45	394741.96	35.79	Soil	9,360	-0.74
08/10/2021	13:22:56	78788.48	394741.95	35.76	Soil	10,740	0.21
08/10/2021	13:22:57	78788.76	394742.05	35.98	Soil	10,380	-0.04
08/10/2021	13:22:58	78788.74	394742.11	35.91	Soil	8,940	-1.02

SU 7B GWS RESULTS

08/10/2021	13:22:59	78788.49	394742.19	36.11	Soil	9,840	-0.41
08/10/2021	13:23:00	78788.60	394742.40	36.12	Soil	10,380	-0.04
08/10/2021	13:23:01	78788.55	394742.50	36.11	Soil	9,180	-0.86
08/10/2021	13:23:02	78788.33	394742.53	36.10	Soil	9,300	-0.78
08/10/2021	13:23:03	78788.44	394742.57	36.14	Soil	9,720	-0.49
08/10/2021	13:23:04	78788.47	394742.56	36.14	Soil	9,660	-0.53
08/10/2021	13:23:05	78788.11	394742.68	36.08	Soil	10,320	-0.08
08/10/2021	13:23:06	78788.05	394742.75	36.06	Soil	9,300	-0.78
08/10/2021	13:23:07	78788.16	394742.72	36.18	Soil	10,380	-0.04
08/10/2021	13:23:08	78787.88	394742.77	36.11	Soil	10,380	-0.04
08/10/2021	13:23:09	78787.68	394742.89	36.02	Soil	9,120	-0.90
08/10/2021	13:23:10	78787.99	394742.96	36.06	Soil	9,600	-0.57
08/10/2021	13:23:11	78788.02	394743.15	36.14	Soil	10,200	-0.16
08/10/2021	13:23:12	78787.65	394743.26	36.11	Soil	8,940	-1.02
08/10/2021	13:23:13	78787.60	394743.28	36.09	Soil	9,300	-0.78
08/10/2021	13:23:14	78787.81	394743.20	36.14	Soil	8,820	-1.10
08/10/2021	13:23:15	78787.65	394743.22	36.17	Soil	9,000	-0.98
08/10/2021	13:23:16	78787.24	394743.35	36.09	Soil	8,880	-1.06
08/10/2021	13:23:17	78787.43	394743.43	36.18	Soil	8,460	-1.35
08/10/2021	13:23:18	78787.83	394743.46	36.28	Soil	9,780	-0.45
08/10/2021	13:23:19	78787.47	394743.58	36.19	Soil	9,240	-0.82
08/10/2021	13:23:20	78787.30	394743.66	36.21	Soil	10,380	-0.04
08/10/2021	13:23:21	78787.47	394743.65	36.41	Soil	9,120	-0.90
08/10/2021	13:23:22	78787.40	394743.56	36.21	Soil	9,420	-0.69
08/10/2021	13:23:23	78787.45	394743.38	36.16	Soil	10,440	0.00
08/10/2021	13:23:24	78788.04	394743.38	36.22	Soil	9,840	-0.41
08/10/2021	13:23:25	78787.81	394743.57	36.18	Soil	8,880	-1.06
08/10/2021	13:23:26	78787.34	394743.88	36.23	Soil	9,180	-0.86
08/10/2021	13:23:27	78787.45	394743.73	36.20	Soil	9,420	-0.69
08/10/2021	13:23:28	78787.89	394743.50	36.12	Soil	8,580	-1.27
08/10/2021	13:23:29	78787.70	394743.78	36.13	Soil	7,980	-1.68
08/10/2021	13:23:30	78787.41	394744.06	36.20	Soil	9,000	-0.98
08/10/2021	13:23:31	78787.55	394744.01	36.38	Soil	8,640	-1.23
08/10/2021	13:23:32	78787.51	394744.07	36.42	Soil	8,340	-1.43
08/10/2021	13:23:33	78787.19	394744.24	36.41	Soil	8,700	-1.19
08/10/2021	13:23:34	78787.31	394744.18	36.44	Soil	10,140	-0.20
08/10/2021	13:23:35	78787.44	394744.27	36.50	Soil	11,280	0.58
08/10/2021	13:23:36	78787.10	394744.50	36.48	Soil	8,880	-1.06
08/10/2021	13:23:37	78787.00	394744.56	36.45	Soil	10,740	0.21
08/10/2021	13:23:38	78787.24	394744.53	36.58	Soil	11,400	0.66
08/10/2021	13:23:39	78786.96	394744.61	36.48	Soil	8,400	-1.39
08/10/2021	13:23:40	78786.67	394744.80	36.32	Soil	10,080	-0.24
08/10/2021	13:23:41	78786.99	394744.82	36.47	Soil	9,720	-0.49
08/10/2021	13:23:42	78786.96	394744.86	36.48	Soil	10,680	0.17
08/10/2021	13:23:43	78786.63	394745.01	36.41	Soil	10,080	-0.24
08/10/2021	13:23:44	78786.80	394745.12	36.53	Soil	10,320	-0.08
08/10/2021	13:23:45	78786.81	394745.10	36.53	Soil	9,120	-0.90
08/10/2021	13:23:46	78786.40	394745.13	36.52	Soil	10,680	0.17
08/10/2021	13:23:47	78786.55	394745.21	36.57	Soil	11,280	0.58
08/10/2021	13:23:48	78786.94	394745.47	36.72	Soil	9,000	-0.98
08/10/2021	13:23:49	78786.61	394745.70	36.65	Soil	10,620	0.13

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08/10/2021	13:23:50	78786.37	394745.76	36.69	Soil	10,740	0.21
08/10/2021	13:23:51	78786.52	394745.98	36.77	Soil	11,220	0.54
08/10/2021	13:23:52	78786.44	394746.05	36.88	Soil	10,440	0.00
08/10/2021	13:23:53	78786.37	394745.92	36.71	Soil	9,360	-0.74
08/10/2021	13:23:54	78786.49	394745.93	36.68	Soil	9,660	-0.53
08/10/2021	13:23:55	78786.40	394746.05	36.69	Soil	9,540	-0.61
08/10/2021	13:23:56	78786.27	394746.29	36.72	Soil	10,560	0.09
08/10/2021	13:23:57	78786.81	394746.35	36.80	Soil	9,780	-0.45
08/10/2021	13:23:58	78786.96	394746.33	36.82	Soil	10,500	0.04
08/10/2021	13:23:59	78786.65	394746.56	36.78	Soil	9,780	-0.45
08/10/2021	13:24:00	78786.76	394746.40	36.82	Soil	10,920	0.33
08/10/2021	13:24:01	78787.02	394746.11	36.86	Soil	10,440	0.00
08/10/2021	13:24:02	78786.86	394746.08	36.79	Soil	10,500	0.04
08/10/2021	13:24:03	78787.13	394746.12	36.85	Soil	9,420	-0.69
08/10/2021	13:24:04	78787.23	394745.85	36.87	Soil	9,780	-0.45
08/10/2021	13:24:05	78786.94	394746.08	36.91	Soil	11,460	0.70
08/10/2021	13:24:06	78787.13	394746.71	36.94	Soil	9,960	-0.32
08/10/2021	13:24:07	78787.45	394746.66	37.01	Soil	9,180	-0.86
08/10/2021	13:24:08	78787.37	394746.25	36.96	Soil	11,820	0.95
08/10/2021	13:24:09	78787.11	394746.31	36.97	Soil	11,100	0.45
08/10/2021	13:24:10	78787.23	394746.39	36.96	Soil	10,980	0.37
08/10/2021	13:24:11	78787.27	394746.16	36.99	Soil	9,000	-0.98
08/10/2021	13:24:12	78787.24	394745.99	37.08	Soil	9,960	-0.32
08/10/2021	13:24:13	78787.33	394746.01	37.05	Soil	10,980	0.37
08/10/2021	13:24:14	78787.47	394745.62	37.06	Soil	10,080	-0.24
08/10/2021	13:24:15	78787.52	394745.63	37.07	Soil	10,980	0.37
08/10/2021	13:24:16	78787.32	394745.85	37.05	Soil	10,200	-0.16
08/10/2021	13:24:17	78787.26	394745.71	37.11	Soil	10,080	-0.24
08/10/2021	13:24:18	78787.46	394745.29	37.17	Soil	10,560	0.09
08/10/2021	13:24:19	78787.46	394745.51	37.16	Soil	9,780	-0.45
08/10/2021	13:24:20	78787.48	394745.73	37.12	Soil	10,200	-0.16
08/10/2021	13:24:21	78787.76	394745.24	37.24	Soil	10,080	-0.24
08/10/2021	13:24:22	78787.91	394745.12	37.23	Soil	11,460	0.70
08/10/2021	13:24:23	78787.57	394745.52	37.10	Soil	9,240	-0.82
08/10/2021	13:24:24	78787.46	394745.31	37.17	Soil	9,240	-0.82
08/10/2021	13:24:25	78787.82	394744.95	37.24	Soil	9,240	-0.82
08/10/2021	13:24:26	78787.69	394744.90	37.17	Soil	8,460	-1.35
08/10/2021	13:24:27	78787.40	394745.06	37.03	Soil	7,560	-1.97
08/10/2021	13:24:28	78787.73	394744.98	37.18	Soil	10,080	-0.24
08/10/2021	13:24:29	78788.14	394744.80	37.24	Soil	9,120	-0.90
08/10/2021	13:24:30	78787.80	394744.87	37.09	Soil	9,900	-0.37
08/10/2021	13:24:31	78787.47	394744.84	37.04	Soil	8,520	-1.31
08/10/2021	13:24:32	78787.82	394744.77	37.22	Soil	10,020	-0.28
08/10/2021	13:24:33	78788.02	394744.91	37.25	Soil	8,880	-1.06
08/10/2021	13:24:34	78787.96	394745.15	37.25	Soil	10,800	0.25
08/10/2021	13:24:35	78788.01	394744.84	37.21	Soil	9,780	-0.45
08/10/2021	13:24:36	78788.12	394744.31	37.16	Soil	10,020	-0.28
08/10/2021	13:24:37	78787.95	394744.36	37.19	Soil	9,420	-0.69
08/10/2021	13:24:38	78787.77	394744.44	37.05	Soil	9,360	-0.74
08/10/2021	13:24:39	78788.09	394744.23	37.09	Soil	9,780	-0.45
08/10/2021	13:24:40	78787.97	394744.37	37.05	Soil	9,780	-0.45

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08/10/2021	13:24:41	78787.76	394744.38	37.00	Soil	10,140	-0.20
08/10/2021	13:24:42	78788.13	394744.20	37.13	Soil	9,540	-0.61
08/10/2021	13:24:43	78788.32	394744.28	37.16	Soil	10,020	-0.28
08/10/2021	13:24:44	78788.10	394744.59	37.19	Soil	11,640	0.82
08/10/2021	13:24:45	78788.12	394744.49	37.20	Soil	10,380	-0.04
08/10/2021	13:24:46	78788.39	394744.03	37.08	Soil	9,720	-0.49
08/10/2021	13:24:47	78788.19	394743.96	37.10	Soil	8,700	-1.19
08/10/2021	13:24:48	78787.93	394744.13	36.88	Soil	10,920	0.33
08/10/2021	13:24:49	78788.34	394743.98	36.92	Soil	8,700	-1.19
08/10/2021	13:24:50	78788.47	394743.88	36.87	Soil	9,540	-0.61
08/10/2021	13:24:51	78787.95	394743.97	36.64	Soil	8,580	-1.27
08/10/2021	13:24:52	78788.20	394743.84	36.76	Soil	9,600	-0.57
08/10/2021	13:24:53	78788.58	394743.78	36.77	Soil	10,680	0.17
08/10/2021	13:24:54	78788.19	394743.95	36.56	Soil	10,380	-0.04
08/10/2021	13:24:55	78788.11	394743.85	36.60	Soil	9,540	-0.61
08/10/2021	13:24:56	78788.49	394743.70	36.74	Soil	8,640	-1.23
08/10/2021	13:24:57	78788.51	394743.67	36.64	Soil	8,700	-1.19
08/10/2021	13:24:58	78788.52	394743.70	36.72	Soil	9,480	-0.65
08/10/2021	13:24:59	78788.86	394743.35	36.73	Soil	10,260	-0.12
08/10/2021	13:25:00	78789.09	394743.17	36.53	Soil	9,300	-0.78
08/10/2021	13:25:01	78788.88	394743.35	36.61	Soil	9,660	-0.53
08/10/2021	13:25:02	78788.59	394743.37	36.53	Soil	8,280	-1.47
08/10/2021	13:25:03	78788.70	394742.97	36.61	Soil	10,260	-0.12
08/10/2021	13:25:04	78788.87	394742.92	36.36	Soil	9,480	-0.65
08/10/2021	13:25:05	78788.63	394743.32	36.36	Soil	9,660	-0.53
08/10/2021	13:25:06	78788.57	394743.35	36.56	Soil	9,480	-0.65
08/10/2021	13:25:07	78788.93	394743.07	36.60	Soil	9,180	-0.86
08/10/2021	13:25:08	78789.11	394743.15	36.61	Soil	9,420	-0.69
08/10/2021	13:25:09	78789.19	394743.15	36.59	Soil	9,180	-0.86
08/10/2021	13:25:10	78789.30	394742.99	36.64	Soil	9,720	-0.49
08/10/2021	13:25:11	78789.35	394743.02	36.69	Soil	10,020	-0.28
08/10/2021	13:25:12	78789.13	394743.00	36.64	Soil	9,360	-0.74
08/10/2021	13:25:13	78788.87	394743.12	36.69	Soil	10,680	0.17
08/10/2021	13:25:14	78789.00	394743.28	36.77	Soil	9,120	-0.90
08/10/2021	13:25:15	78788.90	394743.03	36.61	Soil	9,420	-0.69
08/10/2021	13:25:16	78788.76	394742.81	36.39	Soil	9,240	-0.82
08/10/2021	13:25:17	78788.94	394742.92	36.57	Soil	8,160	-1.56
08/10/2021	13:25:18	78788.75	394742.93	36.43	Soil	9,060	-0.94
08/10/2021	13:25:19	78788.26	394742.83	36.13	Soil	9,480	-0.65
08/10/2021	13:25:20	78788.49	394742.78	36.27	Soil	9,540	-0.61
08/10/2021	13:25:21	78788.58	394742.84	36.33	Soil	10,080	-0.24
08/10/2021	13:25:22	78788.26	394743.22	36.35	Soil	10,380	-0.04
08/10/2021	13:25:23	78788.40	394743.23	36.30	Soil	9,780	-0.45
08/10/2021	13:25:24	78788.67	394742.95	36.38	Soil	9,180	-0.86
08/10/2021	13:25:25	78788.44	394742.77	36.10	Soil	8,100	-1.60
08/10/2021	13:25:26	78788.47	394742.54	35.92	Soil	10,140	-0.20
08/10/2021	13:25:27	78788.80	394742.70	36.16	Soil	10,500	0.04
08/10/2021	13:25:28	78788.66	394742.72	36.08	Soil	11,520	0.74
08/10/2021	13:25:29	78788.12	394742.70	35.82	Soil	9,720	-0.49
08/10/2021	13:25:30	78788.20	394742.99	36.08	Soil	10,980	0.37
08/10/2021	13:25:31	78788.45	394743.14	36.09	Soil	9,720	-0.49

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08/10/2021	13:25:32	78788.55	394743.10	36.19	Soil	10,080	-0.24
08/10/2021	13:25:33	78788.82	394742.81	36.34	Soil	10,980	0.37
08/10/2021	13:25:34	78788.81	394742.75	36.53	Soil	8,760	-1.15
08/10/2021	13:25:35	78788.58	394742.80	36.78	Soil	9,480	-0.65
08/10/2021	13:25:36	78788.59	394742.76	36.79	Soil	11,520	0.74
08/10/2021	13:25:37	78788.75	394742.74	36.84	Soil	9,300	-0.78
08/10/2021	13:25:38	78788.76	394742.80	36.89	Soil	9,420	-0.69
08/10/2021	13:25:39	78788.76	394742.80	36.91	Soil	10,560	0.09
08/10/2021	13:25:40	78788.82	394742.77	36.92	Soil	10,020	-0.28
08/10/2021	13:25:41	78788.70	394742.81	36.93	Soil	10,260	-0.12
08/10/2021	13:25:42	78788.61	394742.81	36.97	Soil	10,800	0.25
08/10/2021	13:25:43	78788.73	394742.77	36.96	Soil	8,580	-1.27
08/10/2021	13:25:44	78788.76	394742.77	36.99	Soil	10,380	-0.04
08/10/2021	13:25:45	78788.69	394742.79	36.98	Soil	10,320	-0.08
08/10/2021	13:25:46	78788.72	394742.78	36.98	Soil	9,420	-0.69
08/10/2021	13:25:47	78788.74	394742.79	36.99	Soil	9,780	-0.45
08/10/2021	13:25:48	78788.68	394742.81	36.98	Soil	10,680	0.17
08/10/2021	13:25:49	78788.73	394742.80	36.95	Soil	8,640	-1.23
08/10/2021	13:25:50	78788.78	394742.80	36.96	Soil	10,260	-0.12
08/10/2021	13:25:51	78788.69	394742.81	36.96	Soil	9,900	-0.37
08/10/2021	13:25:52	78788.67	394742.80	36.96	Soil	10,140	-0.20
08/10/2021	13:25:53	78788.77	394742.79	36.97	Soil	10,500	0.04
08/10/2021	13:25:54	78788.75	394742.79	36.99	Soil	9,480	-0.65
08/10/2021	13:25:55	78788.68	394742.82	36.99	Soil	9,420	-0.69
08/10/2021	13:25:56	78788.72	394742.82	36.99	Soil	9,300	-0.78
08/10/2021	13:25:57	78788.76	394742.80	37.00	Soil	9,300	-0.78
08/10/2021	13:25:58	78788.70	394742.81	37.00	Soil	8,700	-1.19
08/10/2021	13:25:59	78788.70	394742.81	37.00	Soil	9,960	-0.32
08/10/2021	13:26:00	78788.75	394742.79	37.03	Soil	9,660	-0.53
08/10/2021	13:26:01	78788.71	394742.79	37.03	Soil	9,600	-0.57
08/10/2021	13:26:02	78788.70	394742.80	37.01	Soil	10,260	-0.12
08/10/2021	13:26:03	78788.74	394742.78	37.03	Soil	8,940	-1.02
08/10/2021	13:26:04	78788.70	394742.78	37.03	Soil	10,200	-0.16
08/10/2021	13:26:05	78788.68	394742.79	37.02	Soil	9,180	-0.86
08/10/2021	13:26:06	78788.75	394742.76	36.97	Soil	10,620	0.13
08/10/2021	13:26:07	78788.91	394742.62	36.79	Soil	10,680	0.17
08/10/2021	13:26:08	78789.09	394742.47	36.65	Soil	8,640	-1.23
08/10/2021	13:26:09	78789.15	394742.44	36.63	Soil	10,020	-0.28
08/10/2021	13:26:10	78789.12	394742.42	36.62	Soil	9,780	-0.45
08/10/2021	13:26:11	78789.16	394742.31	36.66	Soil	10,920	0.33
08/10/2021	13:26:12	78789.27	394742.23	36.69	Soil	9,600	-0.57
08/10/2021	13:26:13	78789.38	394742.14	36.70	Soil	9,480	-0.65
08/10/2021	13:26:14	78789.52	394741.96	36.67	Soil	8,820	-1.10
08/10/2021	13:26:15	78789.66	394741.82	36.63	Soil	10,080	-0.24
08/10/2021	13:26:16	78789.81	394741.74	36.63	Soil	9,780	-0.45
08/10/2021	13:26:17	78790.00	394741.59	36.37	Soil	9,480	-0.65
08/10/2021	13:26:18	78790.17	394741.46	36.33	Soil	10,680	0.17
08/10/2021	13:26:19	78790.32	394741.36	36.33	Soil	10,920	0.33
08/10/2021	13:26:20	78790.41	394741.29	36.35	Soil	11,820	0.95
08/10/2021	13:26:21	78790.48	394741.16	36.37	Soil	10,200	-0.16
08/10/2021	13:26:22	78790.65	394740.93	36.38	Soil	9,420	-0.69

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08/10/2021	13:26:23	78790.81	394740.79	36.38	Soil	9,480	-0.65
08/10/2021	13:26:24	78790.83	394740.73	36.38	Soil	10,320	-0.08
08/10/2021	13:26:25	78790.95	394740.66	36.42	Soil	10,680	0.17
08/10/2021	13:26:26	78791.18	394740.59	36.47	Soil	9,900	-0.37
08/10/2021	13:26:27	78791.34	394740.45	36.60	Soil	10,260	-0.12
08/10/2021	13:26:28	78791.18	394740.54	36.68	Soil	8,700	-1.19
08/10/2021	13:26:29	78791.19	394740.47	36.72	Soil	10,020	-0.28
08/10/2021	13:26:30	78791.60	394740.09	36.79	Soil	10,140	-0.20
08/10/2021	13:26:31	78791.79	394740.14	36.83	Soil	11,040	0.41
08/10/2021	13:26:32	78791.71	394740.38	36.86	Soil	8,880	-1.06
08/10/2021	13:26:33	78791.85	394740.07	36.90	Soil	10,380	-0.04
08/10/2021	13:26:34	78792.04	394739.80	36.92	Soil	8,940	-1.02
08/10/2021	13:26:35	78792.08	394739.95	37.01	Soil	7,620	-1.93
08/10/2021	13:26:36	78792.33	394739.88	37.10	Soil	9,000	-0.98
08/10/2021	13:26:37	78792.67	394739.55	37.12	Soil	10,020	-0.28
08/10/2021	13:26:38	78792.77	394739.72	37.15	Soil	9,540	-0.61
08/10/2021	13:26:39	78792.83	394739.83	37.10	Soil	9,540	-0.61
08/10/2021	13:26:40	78792.97	394739.59	37.13	Soil	9,000	-0.98
08/10/2021	13:26:41	78793.21	394739.53	37.26	Soil	9,300	-0.78
08/10/2021	13:26:42	78793.38	394739.66	37.32	Soil	9,180	-0.86
08/10/2021	13:26:43	78793.50	394739.39	37.31	Soil	8,580	-1.27
08/10/2021	13:26:44	78793.65	394739.32	37.34	Soil	9,120	-0.90
08/10/2021	13:26:45	78793.76	394739.42	37.37	Soil	9,300	-0.78
08/10/2021	13:28:32	78792.00	394738.54	36.42	Soil	9,720	-0.49
08/10/2021	13:28:33	78791.89	394738.66	36.33	Soil	9,720	-0.49
08/10/2021	13:28:34	78791.83	394738.27	36.36	Soil	11,100	0.45
08/10/2021	13:28:35	78791.73	394738.32	36.32	Soil	8,460	-1.35
08/10/2021	13:28:36	78791.64	394738.74	36.30	Soil	9,240	-0.82
08/10/2021	13:28:37	78791.59	394738.78	36.30	Soil	10,620	0.13
08/10/2021	13:28:38	78791.57	394738.51	36.35	Soil	9,180	-0.86
08/10/2021	13:28:39	78791.59	394738.75	36.35	Soil	10,140	-0.20
08/10/2021	13:28:40	78791.63	394739.25	36.44	Soil	9,960	-0.32
08/10/2021	13:28:41	78791.72	394739.29	36.61	Soil	9,660	-0.53
08/10/2021	13:28:42	78791.83	394739.08	36.57	Soil	11,040	0.41
08/10/2021	13:28:43	78791.93	394739.35	36.47	Soil	10,380	-0.04
08/10/2021	13:28:44	78792.01	394739.72	36.48	Soil	8,820	-1.10
08/10/2021	13:28:45	78792.10	394739.61	36.56	Soil	8,700	-1.19
08/10/2021	13:28:46	78792.26	394739.51	36.66	Soil	10,380	-0.04
08/10/2021	13:28:47	78792.14	394739.90	36.73	Soil	9,480	-0.65
08/10/2021	13:28:48	78791.89	394740.49	36.77	Soil	8,940	-1.02
08/10/2021	13:28:49	78792.14	394740.53	36.83	Soil	9,780	-0.45
08/10/2021	13:28:50	78792.43	394740.32	36.87	Soil	9,000	-0.98
08/10/2021	13:28:51	78792.30	394740.61	36.87	Soil	9,060	-0.94
08/10/2021	13:28:52	78792.04	394741.08	36.89	Soil	9,720	-0.49
08/10/2021	13:28:53	78792.12	394740.88	36.90	Soil	10,020	-0.28
08/10/2021	13:28:54	78792.33	394740.49	36.95	Soil	11,040	0.41
08/10/2021	13:28:55	78792.17	394740.76	36.98	Soil	9,780	-0.45
08/10/2021	13:28:56	78791.90	394741.18	36.99	Soil	10,500	0.04
08/10/2021	13:28:57	78792.22	394741.02	36.87	Soil	10,560	0.09
08/10/2021	13:28:58	78792.65	394740.73	36.94	Soil	11,340	0.62
08/10/2021	13:28:59	78792.44	394741.03	37.04	Soil	9,000	-0.98

SU 7B GWS RESULTS

08/10/2021	13:29:00	78791.93	394741.40	37.09	Soil	9,960	-0.32
08/10/2021	13:29:01	78792.05	394741.14	37.03	Soil	11,400	0.66
08/10/2021	13:29:02	78792.58	394740.55	37.08	Soil	10,500	0.04
08/10/2021	13:29:03	78792.69	394740.33	37.02	Soil	10,260	-0.12
08/10/2021	13:29:04	78792.12	394740.62	36.91	Soil	9,960	-0.32
08/10/2021	13:29:05	78791.83	394741.03	36.97	Soil	9,360	-0.74
08/10/2021	13:29:06	78792.35	394741.06	37.16	Soil	9,900	-0.37
08/10/2021	13:29:07	78792.64	394740.72	37.09	Soil	10,800	0.25
08/10/2021	13:29:08	78792.47	394740.55	37.12	Soil	10,500	0.04
08/10/2021	13:29:09	78792.46	394740.83	37.17	Soil	10,800	0.25
08/10/2021	13:29:10	78792.43	394741.08	37.18	Soil	10,020	-0.28
08/10/2021	13:29:11	78792.19	394741.35	37.23	Soil	9,300	-0.78
08/10/2021	13:29:12	78792.02	394741.73	37.28	Soil	9,420	-0.69
08/10/2021	13:29:13	78792.29	394741.77	37.31	Soil	11,520	0.74
08/10/2021	13:29:14	78792.70	394741.50	37.31	Soil	9,840	-0.41
08/10/2021	13:29:15	78792.58	394741.58	37.39	Soil	9,780	-0.45
08/10/2021	13:29:16	78792.30	394741.99	37.52	Soil	9,600	-0.57
08/10/2021	13:29:18	78792.78	394741.43	37.39	Soil	7,740	-1.84
08/10/2021	13:29:19	78792.88	394741.39	37.48	Soil	10,380	-0.04
08/10/2021	13:29:21	78792.58	394741.95	37.48	Soil	11,520	0.74
08/10/2021	13:29:29	78792.45	394741.39	37.47	Soil	9,840	-0.41
08/10/2021	13:29:30	78792.44	394741.54	37.42	Soil	10,380	-0.04
08/10/2021	13:29:31	78792.45	394741.86	37.61	Soil	9,060	-0.94
08/10/2021	13:29:36	78792.39	394741.81	37.41	Soil	10,140	-0.20
08/10/2021	13:29:37	78792.58	394741.29	37.36	Soil	9,900	-0.37
08/10/2021	13:29:38	78792.81	394741.53	37.58	Soil	8,820	-1.10
08/10/2021	13:29:40	78792.50	394741.73	37.54	Soil	10,860	0.29
08/10/2021	13:29:41	78792.27	394742.04	37.77	Soil	11,580	0.78
08/10/2021	13:29:46	78791.97	394742.49	37.70	Soil	10,860	0.29
08/10/2021	13:29:47	78791.64	394742.20	37.44	Soil	10,500	0.04
08/10/2021	13:29:48	78791.55	394742.06	37.47	Soil	9,180	-0.86
08/10/2021	13:29:49	78791.99	394742.03	37.56	Soil	10,560	0.09
08/10/2021	13:29:50	78792.14	394742.10	37.52	Soil	10,440	0.00
08/10/2021	13:29:51	78791.75	394742.25	37.46	Soil	10,680	0.17
08/10/2021	13:29:52	78791.69	394742.26	37.56	Soil	10,560	0.09
08/10/2021	13:29:53	78791.90	394742.22	37.63	Soil	9,420	-0.69
08/10/2021	13:29:54	78791.63	394742.33	37.58	Soil	11,580	0.78
08/10/2021	13:29:55	78791.34	394742.49	37.53	Soil	9,120	-0.90
08/10/2021	13:29:56	78791.61	394742.42	37.58	Soil	10,620	0.13
08/10/2021	13:29:57	78791.85	394742.26	37.54	Soil	9,480	-0.65
08/10/2021	13:29:58	78791.57	394742.42	37.52	Soil	10,800	0.25
08/10/2021	13:29:59	78791.35	394742.63	37.53	Soil	9,540	-0.61
08/10/2021	13:30:00	78791.54	394742.51	37.64	Soil	10,680	0.17
08/10/2021	13:30:01	78791.64	394742.28	37.69	Soil	9,240	-0.82
08/10/2021	13:30:02	78791.46	394742.47	37.63	Soil	10,020	-0.28
08/10/2021	13:30:03	78791.39	394742.69	37.63	Soil	10,140	-0.20
08/10/2021	13:30:04	78791.59	394742.40	37.44	Soil	10,440	0.00
08/10/2021	13:30:05	78791.47	394741.99	37.18	Soil	10,200	-0.16
08/10/2021	13:30:06	78791.22	394742.05	37.03	Soil	9,600	-0.57
08/10/2021	13:30:07	78791.31	394742.30	37.17	Soil	10,500	0.04
08/10/2021	13:30:08	78791.38	394742.51	37.26	Soil	9,360	-0.74

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08/10/2021	13:30:09	78791.25	394742.54	37.30	Soil	10,200	-0.16
08/10/2021	13:30:10	78790.99	394742.46	37.31	Soil	10,080	-0.24
08/10/2021	13:30:11	78790.98	394742.42	37.34	Soil	9,480	-0.65
08/10/2021	13:30:12	78791.26	394742.25	37.33	Soil	9,720	-0.49
08/10/2021	13:30:13	78791.14	394742.07	37.25	Soil	10,380	-0.04
08/10/2021	13:30:14	78790.87	394742.14	37.13	Soil	10,440	0.00
08/10/2021	13:30:15	78790.95	394742.37	37.40	Soil	10,200	-0.16
08/10/2021	13:30:16	78791.13	394742.53	37.49	Soil	9,900	-0.37
08/10/2021	13:30:17	78791.10	394742.64	37.41	Soil	10,140	-0.20
08/10/2021	13:30:18	78790.86	394742.59	37.31	Soil	9,660	-0.53
08/10/2021	13:30:19	78791.02	394742.54	37.43	Soil	9,720	-0.49
08/10/2021	13:30:20	78791.30	394742.59	37.46	Soil	9,660	-0.53
08/10/2021	13:30:21	78791.12	394742.77	37.51	Soil	10,320	-0.08
08/10/2021	13:30:22	78790.96	394742.91	37.51	Soil	10,860	0.29
08/10/2021	13:30:23	78791.43	394742.83	37.61	Soil	9,360	-0.74
08/10/2021	13:30:24	78792.01	394742.47	37.57	Soil	10,860	0.29
08/10/2021	13:30:25	78791.95	394742.36	37.43	Soil	11,520	0.74
08/10/2021	13:30:26	78791.64	394742.46	37.50	Soil	11,760	0.91
08/10/2021	13:30:27	78791.86	394742.47	37.56	Soil	10,440	0.00
08/10/2021	13:30:28	78792.18	394742.28	37.56	Soil	10,320	-0.08
08/10/2021	13:30:29	78792.08	394742.32	37.48	Soil	10,800	0.25
08/10/2021	13:30:30	78791.71	394742.60	37.46	Soil	10,440	0.00
08/10/2021	13:30:31	78791.71	394742.63	37.57	Soil	10,800	0.25
08/10/2021	13:30:32	78792.17	394742.34	37.62	Soil	8,460	-1.35
08/10/2021	13:30:33	78792.21	394742.18	37.49	Soil	10,860	0.29
08/10/2021	13:30:34	78791.58	394742.38	37.41	Soil	10,140	-0.20
08/10/2021	13:30:35	78791.44	394742.54	37.51	Soil	11,580	0.78
08/10/2021	13:30:36	78791.90	394742.46	37.64	Soil	10,320	-0.08
08/10/2021	13:30:37	78791.79	394742.52	37.60	Soil	10,560	0.09
08/10/2021	13:30:38	78791.12	394742.81	37.57	Soil	10,620	0.13
08/10/2021	13:30:39	78791.14	394742.89	37.60	Soil	10,200	-0.16
08/10/2021	13:30:40	78791.72	394742.75	37.66	Soil	10,920	0.33
08/10/2021	13:30:41	78791.68	394742.79	37.55	Soil	10,440	0.00
08/10/2021	13:30:42	78791.09	394742.97	37.62	Soil	10,560	0.09
08/10/2021	13:30:43	78790.99	394743.14	37.77	Soil	10,200	-0.16
08/10/2021	13:30:44	78791.19	394743.16	37.65	Soil	10,680	0.17
08/10/2021	13:30:45	78790.94	394743.16	37.61	Soil	9,720	-0.49
08/10/2021	13:30:46	78790.66	394743.22	37.62	Soil	10,800	0.25
08/10/2021	13:30:47	78791.06	394743.16	37.66	Soil	10,080	-0.24
08/10/2021	13:30:49	78790.96	394743.29	37.59	Soil	8,820	-1.10
08/10/2021	13:30:50	78790.46	394743.41	37.60	Soil	9,060	-0.94
08/10/2021	13:30:51	78790.59	394743.43	37.60	Soil	9,900	-0.37
08/10/2021	13:30:52	78790.60	394743.50	37.52	Soil	9,960	-0.32
08/10/2021	13:30:53	78790.39	394743.76	37.50	Soil	9,480	-0.65
08/10/2021	13:30:54	78790.23	394743.86	37.41	Soil	12,780	1.60
08/10/2021	13:30:55	78790.32	394743.68	37.42	Soil	10,500	0.04
08/10/2021	13:30:56	78790.43	394743.63	37.41	Soil	10,740	0.21
08/10/2021	13:30:57	78790.20	394743.90	37.37	Soil	11,040	0.41
08/10/2021	13:30:58	78790.11	394744.03	37.35	Soil	9,300	-0.78
08/10/2021	13:30:59	78790.29	394743.88	37.39	Soil	9,300	-0.78
08/10/2021	13:31:00	78790.24	394743.92	37.43	Soil	9,900	-0.37

SU 7B GWS RESULTS

08/10/2021	13:31:01	78789.86	394744.26	37.46	Soil	11,100	0.45
08/10/2021	13:31:02	78789.83	394744.30	37.48	Soil	9,600	-0.57
08/10/2021	13:31:03	78790.17	394744.04	37.50	Soil	11,700	0.87
08/10/2021	13:31:04	78790.20	394744.10	37.46	Soil	9,660	-0.53
08/10/2021	13:31:05	78789.79	394744.41	37.55	Soil	10,080	-0.24
08/10/2021	13:31:06	78789.59	394744.60	37.65	Soil	11,460	0.70
08/10/2021	13:31:07	78789.76	394744.47	37.62	Soil	10,920	0.33
08/10/2021	13:31:08	78789.83	394744.35	37.54	Soil	8,700	-1.19
08/10/2021	13:31:09	78789.66	394744.54	37.68	Soil	10,860	0.29
08/10/2021	13:31:10	78789.57	394744.73	37.46	Soil	9,480	-0.65
08/10/2021	13:31:11	78789.64	394744.61	37.37	Soil	9,900	-0.37
08/10/2021	13:31:12	78789.80	394744.43	37.44	Soil	8,880	-1.06
08/10/2021	13:31:13	78789.82	394744.41	37.41	Soil	11,400	0.66
08/10/2021	13:31:14	78789.57	394744.74	37.42	Soil	9,480	-0.65
08/10/2021	13:31:15	78789.30	394745.23	37.50	Soil	10,560	0.09
08/10/2021	13:31:16	78789.38	394745.16	37.53	Soil	9,840	-0.41
08/10/2021	13:31:17	78789.63	394744.65	37.51	Soil	9,720	-0.49
08/10/2021	13:31:18	78789.55	394744.77	37.44	Soil	10,620	0.13
08/10/2021	13:31:19	78789.19	394745.33	37.40	Soil	10,200	-0.16
08/10/2021	13:31:20	78789.08	394745.40	37.41	Soil	12,180	1.19
08/10/2021	13:31:21	78789.20	394745.25	37.45	Soil	9,960	-0.32
08/10/2021	13:31:22	78789.27	394745.58	37.58	Soil	10,560	0.09
08/10/2021	13:31:23	78789.16	394745.83	37.49	Soil	10,740	0.21
08/10/2021	13:31:24	78788.89	394745.52	37.40	Soil	9,180	-0.86
08/10/2021	13:31:25	78788.77	394745.41	37.27	Soil	9,360	-0.74
08/10/2021	13:31:26	78788.79	394745.90	37.49	Soil	10,500	0.04
08/10/2021	13:31:27	78788.78	394746.12	37.41	Soil	10,140	-0.20
08/10/2021	13:31:28	78788.82	394745.89	37.35	Soil	10,680	0.17
08/10/2021	13:31:29	78788.80	394745.71	37.42	Soil	10,020	-0.28
08/10/2021	13:31:30	78788.88	394745.88	37.57	Soil	11,280	0.58
08/10/2021	13:31:31	78788.89	394746.20	37.57	Soil	11,940	1.03
08/10/2021	13:31:32	78788.68	394746.14	37.49	Soil	10,200	-0.16
08/10/2021	13:31:33	78788.51	394745.91	37.38	Soil	10,680	0.17
08/10/2021	13:31:34	78788.57	394746.06	37.37	Soil	11,820	0.95
08/10/2021	13:31:35	78788.78	394746.49	37.50	Soil	10,980	0.37
08/10/2021	13:31:36	78788.83	394746.56	37.43	Soil	10,200	-0.16
08/10/2021	13:31:37	78788.62	394746.10	37.34	Soil	10,800	0.25
08/10/2021	13:31:38	78788.64	394745.85	37.45	Soil	11,280	0.58
08/10/2021	13:31:39	78788.93	394746.18	37.53	Soil	10,380	-0.04
08/10/2021	13:31:40	78788.73	394746.36	37.29	Soil	12,000	1.07
08/10/2021	13:31:41	78788.32	394746.15	37.07	Soil	12,240	1.23
08/10/2021	13:31:42	78788.43	394746.24	37.13	Soil	10,500	0.04
08/10/2021	13:31:43	78788.91	394746.54	37.38	Soil	11,220	0.54
08/10/2021	13:31:45	78788.75	394746.13	37.34	Soil	10,020	-0.28
08/10/2021	13:31:46	78788.92	394746.11	37.42	Soil	10,740	0.21
08/10/2021	13:31:49	78788.72	394746.74	37.27	Soil	10,320	-0.08
08/10/2021	13:31:50	78788.89	394746.25	37.27	Soil	10,740	0.21
08/10/2021	13:31:51	78788.76	394746.48	37.13	Soil	11,340	0.62
08/10/2021	13:31:52	78788.54	394747.07	37.18	Soil	12,360	1.32
08/10/2021	13:31:53	78788.63	394746.93	37.26	Soil	10,380	-0.04
08/10/2021	13:31:54	78788.85	394746.30	37.23	Soil	11,220	0.54

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08/10/2021	13:31:55	78788.81	394746.58	37.24	Soil	9,120	-0.90
08/10/2021	13:33:21	78789.89	394745.17	37.59	Soil	11,100	0.45
08/10/2021	13:33:22	78789.59	394745.42	37.57	Soil	10,200	-0.16
08/10/2021	13:33:23	78789.48	394745.37	37.59	Soil	12,360	1.32
08/10/2021	13:33:24	78789.66	394744.90	37.63	Soil	11,040	0.41
08/10/2021	13:33:25	78789.49	394745.01	37.50	Soil	9,360	-0.74
08/10/2021	13:33:26	78789.14	394745.35	37.35	Soil	9,720	-0.49
08/10/2021	13:33:27	78789.23	394745.07	37.48	Soil	10,500	0.04
08/10/2021	13:33:28	78789.49	394744.72	37.43	Soil	10,620	0.13
08/10/2021	13:33:29	78789.32	394745.05	37.47	Soil	9,480	-0.65
08/10/2021	13:33:30	78789.13	394745.27	37.44	Soil	11,280	0.58
08/10/2021	13:33:31	78789.32	394745.02	37.44	Soil	10,200	-0.16
08/10/2021	13:33:32	78789.44	394744.86	37.45	Soil	9,540	-0.61
08/10/2021	13:33:33	78789.41	394744.85	37.44	Soil	9,660	-0.53
08/10/2021	13:33:34	78789.44	394744.93	37.42	Soil	10,080	-0.24
08/10/2021	13:33:35	78789.45	394745.04	37.42	Soil	9,840	-0.41
08/10/2021	13:33:36	78789.49	394745.09	37.42	Soil	8,760	-1.15
08/10/2021	13:33:37	78789.37	394745.07	37.47	Soil	8,880	-1.06
08/10/2021	13:33:38	78789.18	394745.07	37.40	Soil	9,900	-0.37
08/10/2021	13:33:39	78789.14	394744.96	37.48	Soil	10,200	-0.16
08/10/2021	13:33:40	78789.09	394744.78	37.35	Soil	10,980	0.37
08/10/2021	13:33:41	78789.10	394744.99	37.37	Soil	10,140	-0.20
08/10/2021	13:33:42	78789.12	394745.29	37.43	Soil	10,560	0.09
08/10/2021	13:33:43	78789.10	394745.24	37.47	Soil	11,100	0.45
08/10/2021	13:33:44	78789.13	394745.09	37.50	Soil	9,660	-0.53
08/10/2021	13:33:45	78789.21	394745.25	37.54	Soil	10,080	-0.24
08/10/2021	13:33:46	78789.25	394745.24	37.49	Soil	10,800	0.25
08/10/2021	13:33:47	78789.22	394744.98	37.45	Soil	10,380	-0.04
08/10/2021	13:33:48	78789.17	394745.28	37.54	Soil	8,580	-1.27
08/10/2021	13:33:49	78788.87	394745.77	37.42	Soil	10,500	0.04
08/10/2021	13:33:50	78788.65	394745.75	37.39	Soil	11,280	0.58
08/10/2021	13:33:51	78788.88	394745.72	37.57	Soil	11,340	0.62
08/10/2021	13:33:52	78788.88	394745.83	37.44	Soil	9,900	-0.37
08/10/2021	13:33:53	78788.37	394745.92	37.30	Soil	9,600	-0.57
08/10/2021	13:33:54	78788.24	394746.02	37.36	Soil	11,460	0.70
08/10/2021	13:33:55	78788.63	394746.21	37.46	Soil	10,080	-0.24
08/10/2021	13:33:56	78788.51	394746.44	37.35	Soil	10,320	-0.08
08/10/2021	13:33:57	78788.15	394746.57	37.24	Soil	11,700	0.87
08/10/2021	13:33:58	78788.40	394746.63	37.32	Soil	9,780	-0.45
08/10/2021	13:33:59	78788.52	394746.67	37.27	Soil	10,680	0.17
08/10/2021	13:34:00	78788.18	394746.71	37.22	Soil	10,380	-0.04
08/10/2021	13:34:01	78788.22	394746.77	37.37	Soil	9,480	-0.65
08/10/2021	13:34:02	78788.67	394746.90	37.43	Soil	8,940	-1.02
08/10/2021	13:34:03	78788.58	394747.01	37.28	Soil	11,640	0.82
08/10/2021	13:34:04	78788.42	394747.09	37.23	Soil	10,200	-0.16
08/10/2021	13:34:05	78788.58	394747.05	37.29	Soil	11,700	0.87
08/10/2021	13:34:06	78788.70	394746.80	37.24	Soil	12,300	1.28
08/10/2021	13:34:07	78788.77	394746.70	37.23	Soil	9,960	-0.32
08/10/2021	13:34:17	78788.42	394747.01	37.02	Soil	11,040	0.41
08/10/2021	13:34:18	78788.36	394746.87	37.00	Soil	12,720	1.56
08/10/2021	13:34:19	78788.29	394747.03	37.01	Soil	11,520	0.74

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08/10/2021	13:34:20	78788.33	394746.94	37.15	Soil	11,220	0.54
08/10/2021	13:34:21	78788.36	394746.78	36.95	Soil	10,860	0.29
08/10/2021	13:34:22	78788.30	394747.04	36.96	Soil	11,700	0.87
08/10/2021	13:34:23	78788.33	394747.20	36.88	Soil	10,920	0.33
08/10/2021	13:34:24	78788.28	394746.78	36.84	Soil	10,320	-0.08
08/10/2021	13:34:25	78788.28	394746.47	36.87	Soil	10,080	-0.24
08/10/2021	13:34:26	78788.24	394746.72	36.93	Soil	10,800	0.25
08/10/2021	13:34:27	78788.24	394746.67	36.99	Soil	12,720	1.56
08/10/2021	13:34:28	78788.51	394746.21	37.02	Soil	10,500	0.04
08/10/2021	13:34:29	78788.58	394745.97	36.99	Soil	10,140	-0.20
08/10/2021	13:34:30	78788.41	394746.03	36.95	Soil	11,040	0.41
08/10/2021	13:34:31	78788.53	394745.72	37.08	Soil	11,280	0.58
08/10/2021	13:34:32	78788.82	394745.37	37.09	Soil	11,400	0.66
08/10/2021	13:34:33	78788.91	394745.62	37.15	Soil	10,200	-0.16
08/10/2021	13:34:34	78788.90	394745.89	37.29	Soil	9,720	-0.49
08/10/2021	13:34:35	78789.06	394745.62	37.22	Soil	11,400	0.66
08/10/2021	13:34:36	78788.97	394745.40	37.16	Soil	9,720	-0.49
08/10/2021	13:34:37	78788.84	394745.43	37.19	Soil	11,580	0.78
08/10/2021	13:34:38	78789.08	394745.23	37.13	Soil	10,320	-0.08
08/10/2021	13:34:39	78789.14	394745.11	37.14	Soil	10,320	-0.08
08/10/2021	13:34:40	78788.90	394745.40	37.16	Soil	9,420	-0.69
08/10/2021	13:34:41	78788.88	394745.22	37.10	Soil	10,020	-0.28
08/10/2021	13:34:42	78788.88	394744.79	37.04	Soil	9,060	-0.94
08/10/2021	13:34:43	78788.62	394744.94	37.00	Soil	8,820	-1.10
08/10/2021	13:34:44	78788.52	394745.10	36.97	Soil	10,260	-0.12
08/10/2021	13:34:45	78788.82	394744.72	37.00	Soil	9,120	-0.90
08/10/2021	13:34:46	78788.89	394744.65	36.95	Soil	8,340	-1.43
08/10/2021	13:34:47	78788.54	394745.06	36.84	Soil	9,900	-0.37
08/10/2021	13:34:48	78788.46	394744.97	36.87	Soil	12,120	1.15
08/10/2021	13:34:49	78788.82	394744.46	36.92	Soil	11,220	0.54
08/10/2021	13:34:50	78788.71	394744.61	36.80	Soil	10,380	-0.04
08/10/2021	13:34:51	78788.37	394745.13	36.70	Soil	10,320	-0.08
08/10/2021	13:34:52	78788.42	394745.27	36.74	Soil	10,440	0.00
08/10/2021	13:34:53	78788.59	394745.07	36.82	Soil	10,680	0.17
08/10/2021	13:34:54	78788.86	394744.91	36.94	Soil	10,740	0.21
08/10/2021	13:34:55	78789.08	394744.92	36.96	Soil	9,420	-0.69
08/10/2021	13:34:56	78789.07	394744.94	37.00	Soil	8,700	-1.19
08/10/2021	13:34:57	78789.19	394744.70	37.03	Soil	8,760	-1.15
08/10/2021	13:34:58	78789.35	394744.36	37.00	Soil	9,720	-0.49
08/10/2021	13:34:59	78789.13	394744.39	36.85	Soil	9,180	-0.86
08/10/2021	13:35:00	78789.05	394744.41	36.93	Soil	10,440	0.00
08/10/2021	13:35:01	78789.42	394744.23	36.98	Soil	9,900	-0.37
08/10/2021	13:35:02	78789.36	394744.12	36.96	Soil	10,320	-0.08
08/10/2021	13:35:03	78788.92	394744.19	36.92	Soil	8,940	-1.02
08/10/2021	13:35:04	78789.15	394744.23	37.07	Soil	8,940	-1.02
08/10/2021	13:35:05	78789.51	394744.13	37.14	Soil	9,780	-0.45
08/10/2021	13:35:06	78789.28	394744.24	37.03	Soil	11,100	0.45
08/10/2021	13:35:07	78789.31	394744.10	37.08	Soil	10,200	-0.16
08/10/2021	13:35:08	78789.72	394743.59	37.02	Soil	10,500	0.04
08/10/2021	13:35:09	78789.68	394743.45	36.85	Soil	10,500	0.04
08/10/2021	13:35:10	78789.61	394743.66	36.98	Soil	11,280	0.58

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08/10/2021	13:35:11	78789.94	394743.82	37.15	Soil	11,100	0.45
08/10/2021	13:35:12	78789.90	394743.71	36.87	Soil	10,920	0.33
08/10/2021	13:35:13	78789.69	394743.51	36.85	Soil	10,080	-0.24
08/10/2021	13:35:14	78790.12	394743.52	37.17	Soil	11,280	0.58
08/10/2021	13:35:15	78790.20	394743.53	37.10	Soil	9,720	-0.49
08/10/2021	13:35:16	78789.89	394743.31	36.99	Soil	9,300	-0.78
08/10/2021	13:35:17	78789.97	394743.26	37.08	Soil	9,960	-0.32
08/10/2021	13:35:18	78790.24	394743.34	37.13	Soil	10,440	0.00
08/10/2021	13:35:19	78790.23	394743.23	37.14	Soil	9,720	-0.49
08/10/2021	13:35:20	78790.40	394743.08	37.08	Soil	9,780	-0.45
08/10/2021	13:35:21	78790.77	394743.05	37.18	Soil	10,140	-0.20
08/10/2021	13:35:22	78790.65	394742.92	37.18	Soil	11,160	0.50
08/10/2021	13:35:23	78790.80	394742.71	37.19	Soil	12,000	1.07
08/10/2021	13:35:24	78791.29	394742.50	37.21	Soil	9,960	-0.32
08/10/2021	13:35:25	78791.23	394742.30	37.04	Soil	9,120	-0.90
08/10/2021	13:35:26	78790.85	394742.35	36.97	Soil	10,560	0.09
08/10/2021	13:35:27	78791.15	394742.46	37.19	Soil	10,680	0.17
08/10/2021	13:35:28	78791.61	394742.38	37.10	Soil	10,740	0.21
08/10/2021	13:35:29	78791.22	394742.24	36.94	Soil	10,500	0.04
08/10/2021	13:35:30	78791.18	394742.07	37.12	Soil	9,120	-0.90
08/10/2021	13:35:31	78791.73	394742.02	37.18	Soil	10,200	-0.16
08/10/2021	13:35:32	78791.66	394742.03	37.06	Soil	11,880	0.99
08/10/2021	13:35:33	78791.49	394741.99	36.97	Soil	9,840	-0.41
08/10/2021	13:35:34	78791.96	394741.89	37.12	Soil	9,720	-0.49
08/10/2021	13:35:35	78792.22	394741.79	37.17	Soil	8,640	-1.23
08/10/2021	13:35:36	78791.96	394741.64	36.89	Soil	10,620	0.13
08/10/2021	13:35:37	78791.96	394741.57	37.08	Soil	9,840	-0.41
08/10/2021	13:35:38	78792.31	394741.65	37.14	Soil	10,140	-0.20
08/10/2021	13:35:39	78792.25	394741.63	37.10	Soil	9,660	-0.53
08/10/2021	13:35:40	78791.98	394741.58	36.91	Soil	9,960	-0.32
08/10/2021	13:35:41	78792.17	394741.40	37.04	Soil	8,640	-1.23
08/10/2021	13:35:42	78792.47	394741.26	37.11	Soil	10,080	-0.24
08/10/2021	13:35:43	78792.21	394741.41	36.95	Soil	11,280	0.58
08/10/2021	13:35:44	78791.93	394741.55	37.07	Soil	8,880	-1.06
08/10/2021	13:35:45	78792.19	394741.46	37.15	Soil	9,600	-0.57
08/10/2021	13:35:46	78792.12	394741.47	37.13	Soil	10,500	0.04
08/10/2021	13:35:47	78791.73	394741.62	37.05	Soil	9,780	-0.45
08/10/2021	13:35:48	78791.82	394741.46	37.01	Soil	9,600	-0.57
08/10/2021	13:35:49	78792.03	394741.11	36.95	Soil	10,380	-0.04
08/10/2021	13:35:50	78791.97	394741.18	36.94	Soil	10,740	0.21
08/10/2021	13:35:51	78791.79	394741.26	36.85	Soil	10,380	-0.04
08/10/2021	13:35:52	78791.84	394740.95	36.83	Soil	9,300	-0.78
08/10/2021	13:35:53	78791.95	394740.64	36.84	Soil	9,420	-0.69
08/10/2021	13:35:54	78791.77	394740.90	36.82	Soil	9,360	-0.74
08/10/2021	13:35:55	78791.73	394741.02	36.75	Soil	8,040	-1.64
08/10/2021	13:35:56	78791.95	394740.49	36.79	Soil	9,720	-0.49
08/10/2021	13:35:57	78791.90	394740.46	36.77	Soil	10,200	-0.16
08/10/2021	13:35:58	78791.69	394740.89	36.82	Soil	8,880	-1.06
08/10/2021	13:35:59	78791.90	394740.86	36.85	Soil	10,320	-0.08
08/10/2021	13:36:00	78792.15	394740.59	36.81	Soil	9,480	-0.65
08/10/2021	13:36:01	78791.87	394740.63	36.80	Soil	9,360	-0.74

SU 7B GWS RESULTS

08/10/2021	13:36:02	78791.56	394740.75	36.66	Soil	9,960	-0.32
08/10/2021	13:36:03	78791.73	394740.60	36.66	Soil	8,400	-1.39
08/10/2021	13:36:04	78791.87	394740.46	36.59	Soil	8,940	-1.02
08/10/2021	13:36:05	78791.55	394740.81	36.67	Soil	10,080	-0.24
08/10/2021	13:36:06	78791.41	394741.03	36.74	Soil	9,600	-0.57
08/10/2021	13:36:07	78791.68	394740.78	36.88	Soil	9,600	-0.57
08/10/2021	13:36:08	78791.71	394740.88	36.91	Soil	11,280	0.58
08/10/2021	13:36:09	78791.27	394741.29	36.99	Soil	8,400	-1.39
08/10/2021	13:36:10	78791.11	394741.26	36.86	Soil	11,400	0.66
08/10/2021	13:36:11	78791.46	394740.93	36.89	Soil	9,060	-0.94
08/10/2021	13:36:12	78791.44	394741.00	36.77	Soil	8,940	-1.02
08/10/2021	13:36:13	78791.21	394741.21	36.71	Soil	10,200	-0.16
08/10/2021	13:36:14	78791.37	394741.15	36.86	Soil	10,620	0.13
08/10/2021	13:36:15	78791.47	394741.13	36.86	Soil	9,420	-0.69
08/10/2021	13:36:16	78791.23	394741.32	36.70	Soil	9,480	-0.65
08/10/2021	13:36:17	78791.23	394741.31	36.75	Soil	10,440	0.00
08/10/2021	13:36:18	78791.33	394741.23	36.82	Soil	10,380	-0.04
08/10/2021	13:36:19	78791.03	394741.47	36.69	Soil	10,260	-0.12
08/10/2021	13:36:20	78790.75	394741.64	36.70	Soil	10,860	0.29
08/10/2021	13:36:21	78790.94	394741.52	36.79	Soil	10,020	-0.28
08/10/2021	13:36:22	78790.93	394741.47	36.71	Soil	9,480	-0.65
08/10/2021	13:36:23	78790.34	394741.71	36.67	Soil	10,560	0.09
08/10/2021	13:36:24	78790.22	394741.84	36.80	Soil	10,140	-0.20
08/10/2021	13:36:25	78790.51	394741.72	36.78	Soil	10,080	-0.24
08/10/2021	13:36:26	78790.34	394741.76	36.72	Soil	9,960	-0.32
08/10/2021	13:36:27	78790.20	394741.84	36.76	Soil	10,320	-0.08
08/10/2021	13:36:28	78790.53	394741.78	36.87	Soil	10,440	0.00
08/10/2021	13:36:29	78790.59	394741.68	36.69	Soil	10,260	-0.12
08/10/2021	13:36:30	78790.05	394741.77	36.62	Soil	9,360	-0.74
08/10/2021	13:36:31	78790.02	394741.93	36.76	Soil	9,780	-0.45
08/10/2021	13:36:32	78790.31	394742.09	36.80	Soil	9,480	-0.65
08/10/2021	13:36:33	78789.97	394742.27	36.70	Soil	9,480	-0.65
08/10/2021	13:36:34	78789.80	394742.38	36.80	Soil	8,640	-1.23
08/10/2021	13:36:35	78790.13	394742.29	36.89	Soil	8,700	-1.19
08/10/2021	13:36:36	78789.98	394742.24	36.78	Soil	10,320	-0.08
08/10/2021	13:36:37	78789.58	394742.52	36.75	Soil	10,260	-0.12
08/10/2021	13:36:38	78789.68	394742.68	36.82	Soil	11,160	0.50
08/10/2021	13:36:39	78789.77	394742.46	36.75	Soil	10,260	-0.12
08/10/2021	13:36:40	78789.63	394742.38	36.63	Soil	9,240	-0.82
08/10/2021	13:36:41	78789.58	394742.63	36.76	Soil	9,840	-0.41
08/10/2021	13:36:42	78789.73	394742.77	36.89	Soil	9,840	-0.41
08/10/2021	13:36:43	78789.65	394742.77	36.77	Soil	11,460	0.70
08/10/2021	13:36:44	78789.44	394742.75	36.82	Soil	10,680	0.17
08/10/2021	13:36:45	78789.41	394742.74	36.88	Soil	9,060	-0.94
08/10/2021	13:36:46	78789.16	394742.77	36.75	Soil	10,200	-0.16
08/10/2021	13:36:47	78789.08	394742.81	36.83	Soil	9,960	-0.32
08/10/2021	13:36:48	78789.31	394742.91	36.92	Soil	9,540	-0.61
08/10/2021	13:36:49	78789.18	394743.02	36.75	Soil	10,500	0.04
08/10/2021	13:36:50	78788.98	394743.09	36.90	Soil	9,420	-0.69
08/10/2021	13:36:51	78789.16	394743.14	37.02	Soil	10,140	-0.20
08/10/2021	13:36:52	78788.98	394743.19	36.80	Soil	9,960	-0.32

SU 7B GWS RESULTS

08/10/2021	13:36:53	78788.59	394743.29	36.76	Soil	9,720	-0.49
08/10/2021	13:36:54	78788.73	394743.46	37.01	Soil	9,360	-0.74
08/10/2021	13:36:55	78788.83	394743.48	36.88	Soil	10,260	-0.12
08/10/2021	13:36:56	78788.55	394743.36	36.71	Soil	11,040	0.41
08/10/2021	13:36:57	78788.51	394743.39	36.90	Soil	9,840	-0.41
08/10/2021	13:36:58	78788.74	394743.55	36.82	Soil	10,320	-0.08
08/10/2021	13:36:59	78788.62	394743.65	36.69	Soil	8,700	-1.19
08/10/2021	13:37:00	78788.61	394743.81	36.96	Soil	9,720	-0.49
08/10/2021	13:37:01	78788.65	394743.90	36.97	Soil	9,480	-0.65
08/10/2021	13:37:02	78788.21	394743.99	36.90	Soil	10,200	-0.16
08/10/2021	13:37:03	78788.08	394744.11	36.88	Soil	9,360	-0.74
08/10/2021	13:37:04	78788.53	394744.08	36.92	Soil	10,440	0.00
08/10/2021	13:37:05	78788.63	394743.98	36.96	Soil	10,020	-0.28
08/10/2021	13:37:06	78788.48	394743.84	36.97	Soil	10,620	0.13
08/10/2021	13:37:07	78788.59	394743.75	37.07	Soil	9,000	-0.98
08/10/2021	13:37:08	78788.80	394743.79	37.07	Soil	9,240	-0.82
08/10/2021	13:37:09	78788.91	394743.77	37.06	Soil	12,240	1.23
08/10/2021	13:37:10	78788.82	394743.73	37.04	Soil	9,300	-0.78
08/10/2021	13:37:11	78788.69	394743.65	37.05	Soil	9,420	-0.69
08/10/2021	13:37:12	78788.70	394743.63	37.02	Soil	9,300	-0.78
08/10/2021	13:37:13	78788.68	394743.69	37.04	Soil	8,580	-1.27
08/10/2021	13:37:14	78788.72	394743.70	37.02	Soil	9,360	-0.74
08/10/2021	13:37:15	78788.86	394743.69	37.04	Soil	9,180	-0.86
08/10/2021	13:37:16	78788.91	394743.74	37.03	Soil	11,160	0.50
08/10/2021	13:37:17	78788.86	394743.73	36.99	Soil	9,420	-0.69
08/10/2021	13:37:18	78788.79	394743.67	37.03	Soil	9,660	-0.53
08/10/2021	13:37:19	78788.76	394743.64	37.07	Soil	9,120	-0.90
08/10/2021	13:37:20	78788.80	394743.65	37.09	Soil	8,340	-1.43
08/10/2021	13:37:21	78788.84	394743.65	37.06	Soil	10,320	-0.08
08/10/2021	13:37:22	78788.85	394743.65	37.05	Soil	10,080	-0.24
08/10/2021	13:37:23	78788.84	394743.68	37.04	Soil	10,560	0.09
08/10/2021	13:37:24	78788.82	394743.69	37.03	Soil	9,420	-0.69
08/10/2021	13:37:25	78788.83	394743.67	37.05	Soil	11,220	0.54
08/10/2021	13:37:26	78788.86	394743.68	37.04	Soil	9,840	-0.41
08/10/2021	13:37:27	78788.85	394743.69	37.03	Soil	9,420	-0.69
08/10/2021	13:37:28	78788.84	394743.67	37.01	Soil	9,480	-0.65
08/10/2021	13:37:29	78788.85	394743.67	37.02	Soil	9,000	-0.98
08/10/2021	13:37:30	78788.83	394743.70	37.03	Soil	9,240	-0.82
08/10/2021	13:37:31	78788.65	394743.77	37.00	Soil	9,360	-0.74
08/10/2021	13:37:32	78788.52	394743.69	36.85	Soil	10,020	-0.28
08/10/2021	13:37:33	78788.67	394743.41	36.80	Soil	10,320	-0.08
08/10/2021	13:37:34	78788.65	394743.50	36.84	Soil	9,960	-0.32
08/10/2021	13:37:35	78788.46	394743.85	36.94	Soil	8,880	-1.06
08/10/2021	13:37:36	78788.73	394743.78	37.04	Soil	9,780	-0.45
08/10/2021	13:37:37	78788.97	394743.78	37.15	Soil	10,200	-0.16
08/10/2021	13:37:38	78788.98	394744.14	37.27	Soil	9,480	-0.65
08/10/2021	13:37:39	78789.11	394744.27	37.33	Soil	10,440	0.00
08/10/2021	13:37:40	78789.18	394744.06	37.25	Soil	9,960	-0.32
08/10/2021	13:37:41	78789.25	394743.86	37.23	Soil	9,480	-0.65
08/10/2021	13:37:42	78789.28	394743.97	37.24	Soil	10,140	-0.20
08/10/2021	13:37:43	78789.18	394744.22	37.27	Soil	10,560	0.09

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08/10/2021	13:37:44	78789.21	394744.10	37.23	Soil	10,260	-0.12
08/10/2021	13:37:45	78789.22	394743.86	37.18	Soil	10,140	-0.20
08/10/2021	13:37:46	78789.25	394743.84	37.20	Soil	9,840	-0.41
08/10/2021	13:37:47	78789.27	394743.91	37.25	Soil	10,380	-0.04
08/10/2021	13:37:48	78789.19	394743.95	37.25	Soil	9,840	-0.41
08/10/2021	13:37:49	78789.16	394743.97	37.22	Soil	10,020	-0.28
08/10/2021	13:37:50	78789.21	394743.94	37.16	Soil	10,200	-0.16
08/10/2021	13:37:51	78789.22	394743.87	37.18	Soil	7,920	-1.72
08/10/2021	13:37:52	78789.17	394743.85	37.16	Soil	9,420	-0.69
08/10/2021	13:37:53	78789.25	394743.89	37.18	Soil	8,880	-1.06
08/10/2021	13:37:54	78789.31	394744.02	37.17	Soil	9,780	-0.45
08/10/2021	13:37:55	78789.32	394744.09	37.28	Soil	9,540	-0.61
08/10/2021	13:37:56	78789.35	394743.78	37.26	Soil	9,000	-0.98
08/10/2021	13:37:57	78789.04	394743.65	37.15	Soil	10,260	-0.12
08/10/2021	13:37:58	78788.79	394744.00	37.19	Soil	9,360	-0.74
08/10/2021	13:37:59	78789.11	394744.22	37.27	Soil	9,360	-0.74
08/10/2021	13:38:00	78789.13	394744.19	37.15	Soil	10,980	0.37
08/10/2021	13:38:01	78788.77	394744.31	37.16	Soil	10,080	-0.24
08/10/2021	13:38:02	78788.95	394744.46	37.25	Soil	9,180	-0.86
08/10/2021	13:38:03	78789.04	394744.45	37.16	Soil	9,780	-0.45
08/10/2021	13:38:04	78788.64	394744.48	37.04	Soil	10,320	-0.08
08/10/2021	13:38:05	78788.65	394744.61	37.19	Soil	10,440	0.00
08/10/2021	13:38:06	78788.70	394744.77	37.14	Soil	9,900	-0.37
08/10/2021	13:38:07	78788.37	394744.87	37.12	Soil	9,840	-0.41
08/10/2021	13:38:08	78788.50	394744.90	37.22	Soil	10,560	0.09
08/10/2021	13:38:09	78788.58	394745.00	37.23	Soil	9,360	-0.74
08/10/2021	13:38:10	78788.12	394745.20	37.18	Soil	11,340	0.62
08/10/2021	13:38:11	78788.04	394745.27	37.20	Soil	9,840	-0.41
08/10/2021	13:38:12	78788.37	394745.29	37.25	Soil	10,620	0.13
08/10/2021	13:38:13	78788.19	394745.40	37.06	Soil	10,140	-0.20
08/10/2021	13:38:14	78787.99	394745.53	36.99	Soil	7,920	-1.72
08/10/2021	13:38:15	78788.17	394745.66	37.06	Soil	9,720	-0.49
08/10/2021	13:38:16	78788.03	394745.79	36.99	Soil	10,020	-0.28
08/10/2021	13:38:17	78787.79	394745.89	36.94	Soil	9,900	-0.37
08/10/2021	13:38:18	78787.95	394745.98	37.02	Soil	10,320	-0.08
08/10/2021	13:38:19	78787.87	394746.11	36.98	Soil	10,440	0.00
08/10/2021	13:38:20	78787.78	394746.12	36.97	Soil	10,440	0.00
08/10/2021	13:38:21	78787.99	394745.95	36.95	Soil	10,020	-0.28
08/10/2021	13:38:22	78788.05	394745.88	36.94	Soil	11,040	0.41
08/10/2021	13:38:23	78788.09	394745.89	37.07	Soil	10,440	0.00
08/10/2021	13:38:24	78788.14	394745.60	37.43	Soil	9,780	-0.45
08/10/2021	13:38:25	78788.31	394745.14	37.49	Soil	10,500	0.04
08/10/2021	13:38:26	78788.46	394745.10	37.50	Soil	8,880	-1.06
08/10/2021	13:38:27	78788.38	394745.16	37.45	Soil	10,560	0.09
08/10/2021	13:38:28	78788.41	394744.86	37.46	Soil	9,060	-0.94
08/10/2021	13:38:29	78788.67	394744.79	37.44	Soil	9,840	-0.41
08/10/2021	13:38:30	78788.66	394744.93	37.50	Soil	9,840	-0.41
08/10/2021	13:38:31	78788.68	394744.65	37.52	Soil	9,780	-0.45
08/10/2021	13:38:32	78788.99	394744.25	37.49	Soil	9,480	-0.65
08/10/2021	13:38:33	78789.11	394744.21	37.45	Soil	9,840	-0.41
08/10/2021	13:38:34	78789.08	394744.05	37.46	Soil	8,520	-1.31

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08/10/2021	13:38:35	78789.30	394743.71	37.44	Soil	9,300	-0.78
08/10/2021	13:38:36	78789.56	394743.67	37.47	Soil	9,240	-0.82
08/10/2021	13:38:37	78789.59	394743.63	37.48	Soil	9,120	-0.90
08/10/2021	13:38:38	78789.71	394743.31	37.53	Soil	9,600	-0.57
08/10/2021	13:38:39	78789.80	394743.30	37.52	Soil	10,020	-0.28
08/10/2021	13:38:40	78789.71	394743.47	37.50	Soil	12,240	1.23
08/10/2021	13:38:41	78789.73	394743.26	37.52	Soil	9,900	-0.37
08/10/2021	13:38:42	78789.77	394743.33	37.53	Soil	10,320	-0.08
08/10/2021	13:38:43	78789.69	394743.60	37.54	Soil	10,200	-0.16
08/10/2021	13:38:44	78789.70	394743.44	37.56	Soil	10,200	-0.16
08/10/2021	13:38:45	78789.83	394743.26	37.54	Soil	10,920	0.33
08/10/2021	13:38:46	78789.79	394743.46	37.50	Soil	10,260	-0.12
08/10/2021	13:38:47	78789.67	394743.41	37.44	Soil	11,700	0.87
08/10/2021	13:38:48	78789.66	394743.12	37.42	Soil	8,040	-1.64
08/10/2021	13:38:49	78789.66	394743.27	37.33	Soil	10,080	-0.24
08/10/2021	13:38:50	78789.56	394743.42	37.11	Soil	10,200	-0.16
08/10/2021	13:38:51	78789.47	394743.19	36.82	Soil	10,260	-0.12
08/10/2021	13:38:52	78789.42	394743.35	37.03	Soil	8,760	-1.15
08/10/2021	13:38:53	78789.35	394743.67	37.12	Soil	8,220	-1.52
08/10/2021	13:38:54	78789.40	394743.47	36.99	Soil	10,260	-0.12
08/10/2021	13:38:55	78789.54	394743.29	36.99	Soil	10,800	0.25
08/10/2021	13:38:56	78789.54	394743.40	37.19	Soil	8,760	-1.15
08/10/2021	13:38:57	78789.61	394743.27	37.21	Soil	9,780	-0.45
08/10/2021	13:38:58	78789.62	394742.94	37.28	Soil	8,700	-1.19
08/10/2021	13:38:59	78789.55	394742.65	37.09	Soil	9,420	-0.69
08/10/2021	13:39:00	78789.87	394742.68	37.10	Soil	10,860	0.29
08/10/2021	13:39:01	78789.99	394742.84	37.00	Soil	10,380	-0.04
08/10/2021	13:39:02	78789.71	394742.78	36.93	Soil	11,520	0.74
08/10/2021	13:39:03	78790.10	394742.80	37.06	Soil	8,400	-1.39
08/10/2021	13:39:04	78790.49	394742.81	37.01	Soil	9,360	-0.74
08/10/2021	13:39:05	78790.27	394742.70	37.04	Soil	9,600	-0.57
08/10/2021	13:39:06	78790.36	394742.85	37.37	Soil	10,080	-0.24
08/10/2021	13:39:07	78790.34	394743.21	37.51	Soil	9,960	-0.32
08/10/2021	13:39:08	78790.07	394743.08	37.48	Soil	10,440	0.00
08/10/2021	13:39:09	78790.33	394742.76	37.26	Soil	9,120	-0.90
08/10/2021	13:39:10	78790.64	394742.73	37.17	Soil	11,880	0.99
08/10/2021	13:39:11	78790.56	394742.70	37.04	Soil	10,020	-0.28
08/10/2021	13:39:12	78790.39	394742.75	37.06	Soil	9,900	-0.37
08/10/2021	13:39:13	78790.66	394742.83	37.36	Soil	9,720	-0.49
08/10/2021	13:39:14	78790.74	394742.65	37.19	Soil	10,320	-0.08
08/10/2021	13:39:15	78790.53	394742.40	36.97	Soil	11,280	0.58
08/10/2021	13:39:16	78790.51	394742.49	37.26	Soil	9,600	-0.57
08/10/2021	13:39:17	78790.75	394742.57	37.37	Soil	9,900	-0.37
08/10/2021	13:39:18	78790.91	394742.48	37.21	Soil	9,360	-0.74
08/10/2021	13:39:19	78791.12	394742.29	37.37	Soil	9,720	-0.49
08/10/2021	13:39:20	78791.32	394742.36	37.39	Soil	9,900	-0.37
08/10/2021	13:39:21	78791.14	394742.30	37.21	Soil	9,600	-0.57
08/10/2021	13:39:22	78791.21	394742.17	37.35	Soil	9,120	-0.90
08/10/2021	13:39:23	78791.55	394742.15	37.38	Soil	9,180	-0.86
08/10/2021	13:39:24	78791.29	394742.11	37.36	Soil	9,900	-0.37
08/10/2021	13:39:25	78791.11	394742.08	37.48	Soil	10,020	-0.28

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08/10/2021	13:39:26	78791.51	394741.98	37.45	Soil	10,140	-0.20
08/10/2021	13:39:27	78791.49	394741.74	37.18	Soil	9,900	-0.37
08/10/2021	13:39:28	78791.33	394741.67	37.18	Soil	10,620	0.13
08/10/2021	13:39:29	78791.43	394741.89	37.23	Soil	9,420	-0.69
08/10/2021	13:39:30	78791.34	394741.94	37.05	Soil	10,380	-0.04
08/10/2021	13:39:31	78791.49	394741.92	37.29	Soil	11,460	0.70
08/10/2021	13:39:32	78791.94	394741.73	37.32	Soil	9,780	-0.45
08/10/2021	13:39:33	78792.01	394741.51	37.20	Soil	8,940	-1.02
08/10/2021	13:39:34	78791.59	394741.86	37.33	Soil	10,380	-0.04
08/10/2021	13:39:35	78791.43	394742.06	37.86	Soil	10,440	0.00
08/11/2021	9:55:19	78783.53	394743.36	36.63	Soil	9,840	-0.41
08/11/2021	9:55:20	78783.42	394743.51	36.46	Soil	9,600	-0.57
08/11/2021	9:55:21	78783.41	394743.70	36.61	Soil	9,600	-0.57
08/11/2021	9:55:23	78783.36	394743.48	36.56	Soil	11,640	0.82
08/11/2021	9:55:24	78783.36	394743.30	36.62	Soil	10,380	-0.04
08/11/2021	9:55:25	78783.43	394743.49	36.78	Soil	9,780	-0.45
08/11/2021	9:55:26	78783.54	394743.28	36.64	Soil	10,740	0.21
08/11/2021	9:55:27	78783.43	394743.06	36.64	Soil	8,760	-1.15
08/11/2021	9:55:28	78783.31	394743.51	36.74	Soil	10,320	-0.08
08/11/2021	9:55:29	78783.40	394743.67	36.65	Soil	10,980	0.37
08/11/2021	9:55:30	78783.31	394743.55	36.72	Soil	10,440	0.00
08/11/2021	9:55:51	78783.50	394743.99	37.66	Soil	10,260	-0.12
08/11/2021	9:55:52	78783.52	394743.96	37.66	Soil	10,260	-0.12
08/11/2021	9:55:53	78783.57	394743.52	37.59	Soil	9,840	-0.41
08/11/2021	9:55:54	78783.52	394743.32	37.06	Soil	11,760	0.91
08/11/2021	9:55:55	78783.49	394743.65	36.99	Soil	10,500	0.04
08/11/2021	9:55:56	78783.47	394743.65	36.96	Soil	10,500	0.04
08/11/2021	9:55:57	78783.49	394743.16	36.87	Soil	10,860	0.29
08/11/2021	9:55:58	78783.43	394743.19	36.64	Soil	9,780	-0.45
08/11/2021	9:55:59	78783.45	394743.34	36.67	Soil	9,300	-0.78
08/11/2021	9:56:00	78783.48	394743.42	36.75	Soil	10,260	-0.12
08/11/2021	9:56:01	78783.37	394743.47	36.80	Soil	9,900	-0.37
08/11/2021	9:56:03	78783.37	394743.39	36.83	Soil	9,900	-0.37
08/11/2021	9:56:04	78783.64	394743.42	36.83	Soil	10,860	0.29
08/11/2021	9:56:07	78783.50	394743.28	36.73	Soil	11,160	0.50
08/11/2021	9:56:08	78783.32	394743.09	36.60	Soil	9,900	-0.37
08/11/2021	9:56:09	78783.02	394743.14	36.61	Soil	9,540	-0.61
08/11/2021	9:56:10	78783.21	394743.31	36.87	Soil	10,980	0.37
08/11/2021	9:56:16	78782.62	394743.33	36.84	Soil	10,440	0.00
08/11/2021	9:56:22	78782.76	394743.34	36.93	Soil	10,560	0.09
08/11/2021	9:56:25	78783.21	394743.28	36.83	Soil	10,980	0.37
08/11/2021	9:56:26	78783.28	394743.25	36.82	Soil	9,780	-0.45
08/11/2021	9:56:27	78783.18	394743.30	36.81	Soil	10,620	0.13
08/11/2021	9:56:28	78783.15	394743.26	36.81	Soil	10,440	0.00
08/11/2021	9:56:29	78783.17	394743.22	36.82	Soil	11,400	0.66
08/11/2021	9:56:30	78783.21	394743.29	37.76	Soil	10,560	0.09
08/11/2021	9:56:31	78783.38	394743.59	38.01	Soil	10,740	0.21
08/11/2021	9:56:32	78783.59	394743.99	37.83	Soil	8,820	-1.10
08/11/2021	9:56:33	78783.53	394744.08	37.41	Soil	9,840	-0.41
08/11/2021	9:56:34	78783.53	394743.90	37.31	Soil	11,040	0.41
08/11/2021	9:56:35	78783.61	394743.84	37.28	Soil	9,180	-0.86

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08/11/2021	9:56:36	78783.77	394743.84	37.31	Soil	7,860	-1.76
08/11/2021	9:56:37	78783.64	394744.08	37.48	Soil	9,360	-0.74
08/11/2021	9:56:38	78783.57	394744.09	37.44	Soil	10,800	0.25
08/11/2021	9:56:39	78783.48	394744.04	37.34	Soil	9,060	-0.94
08/11/2021	9:56:41	78783.44	394743.89	37.42	Soil	9,780	-0.45
08/11/2021	9:56:44	78783.45	394744.03	37.33	Soil	9,240	-0.82
08/12/2021	9:02:08	78778.18	394744.14	34.37	Soil	9,480	-0.65
08/12/2021	9:02:09	78778.21	394744.20	34.40	Soil	10,440	0.00
08/12/2021	9:02:10	78778.21	394744.16	34.38	Soil	10,020	-0.28
08/12/2021	9:02:11	78778.34	394743.98	34.43	Soil	8,280	-1.47
08/12/2021	9:02:12	78778.61	394743.93	34.57	Soil	9,180	-0.86
08/12/2021	9:02:13	78778.40	394743.99	34.71	Soil	8,760	-1.15
08/12/2021	9:02:14	78778.18	394743.88	34.95	Soil	10,320	-0.08
08/12/2021	9:02:15	78777.96	394744.02	35.11	Soil	9,120	-0.90
08/12/2021	9:02:16	78777.76	394744.13	35.36	Soil	9,720	-0.49
08/12/2021	9:02:17	78777.66	394744.18	35.48	Soil	10,440	0.00
08/12/2021	9:02:18	78777.51	394744.24	35.68	Soil	11,040	0.41
08/12/2021	9:02:19	78777.37	394744.29	35.94	Soil	12,120	1.15
08/12/2021	9:02:20	78777.12	394744.40	36.13	Soil	11,760	0.91
08/12/2021	9:02:21	78776.87	394744.56	36.32	Soil	11,220	0.54
08/12/2021	9:02:22	78776.65	394744.78	36.39	Soil	12,360	1.32
08/12/2021	9:02:23	78776.50	394744.96	36.71	Soil	12,240	1.23
08/12/2021	9:02:24	78776.31	394744.98	36.91	Soil	11,880	0.99
08/12/2021	9:02:25	78776.04	394745.09	37.12	Soil	11,820	0.95
08/12/2021	9:02:26	78775.93	394745.15	37.22	Soil	11,160	0.50
08/12/2021	9:02:27	78776.06	394745.29	37.48	Soil	12,720	1.56
08/12/2021	9:02:28	78775.84	394745.24	37.61	Soil	12,360	1.32
08/12/2021	9:02:29	78775.62	394745.28	37.63	Soil	12,540	1.44
08/12/2021	9:02:30	78775.77	394745.30	38.04	Soil	13,380	2.01
08/12/2021	9:02:31	78775.75	394745.02	38.04	Soil	11,100	0.45
08/12/2021	9:02:32	78775.53	394744.65	37.77	Soil	11,280	0.58
08/12/2021	9:02:33	78775.38	394744.49	37.70	Soil	12,600	1.48
08/12/2021	9:02:34	78775.45	394744.49	37.71	Soil	10,140	-0.20
08/12/2021	9:02:35	78775.46	394744.45	37.72	Soil	9,300	-0.78
08/12/2021	9:02:36	78775.51	394744.33	37.64	Soil	11,160	0.50
08/12/2021	9:02:37	78775.77	394744.19	37.62	Soil	10,800	0.25
08/12/2021	9:02:38	78775.99	394744.19	37.61	Soil	11,640	0.82
08/12/2021	9:02:39	78775.97	394744.21	37.74	Soil	10,260	-0.12
08/12/2021	9:02:40	78775.89	394744.27	38.16	Soil	11,760	0.91
08/12/2021	9:02:41	78775.92	394744.21	38.08	Soil	10,560	0.09
08/12/2021	9:02:42	78775.77	394744.17	37.92	Soil	10,200	-0.16
08/12/2021	9:02:43	78775.54	394744.30	38.07	Soil	11,340	0.62
08/12/2021	9:02:44	78775.67	394744.27	37.93	Soil	10,920	0.33
08/12/2021	9:02:45	78775.70	394744.26	38.04	Soil	11,760	0.91
08/12/2021	9:02:46	78775.85	394744.32	38.13	Soil	10,620	0.13
08/12/2021	9:02:47	78775.91	394744.38	38.00	Soil	10,680	0.17
08/12/2021	9:02:48	78775.92	394744.50	38.11	Soil	11,640	0.82
08/12/2021	9:02:49	78775.58	394744.30	38.26	Soil	11,940	1.03
08/12/2021	9:02:50	78774.83	394743.99	38.33	Soil	10,860	0.29
08/12/2021	9:02:51	78774.17	394744.41	38.39	Soil	10,500	0.04
08/12/2021	9:02:55	78774.19	394744.87	38.30	Soil	10,620	0.13

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08/12/2021	9:02:56	78774.37	394744.94	38.31	Soil	11,640	0.82
08/12/2021	9:02:57	78774.60	394745.14	38.31	Soil	11,700	0.87
08/12/2021	9:02:58	78775.12	394745.16	38.34	Soil	12,060	1.11
08/12/2021	9:02:59	78775.06	394745.12	38.35	Soil	10,440	0.00
08/12/2021	9:03:00	78774.97	394745.05	38.36	Soil	10,980	0.37
08/12/2021	9:03:01	78774.96	394744.98	38.33	Soil	11,580	0.78
08/12/2021	9:03:02	78774.92	394744.98	38.13	Soil	12,300	1.28
08/12/2021	9:03:03	78774.85	394745.02	38.13	Soil	11,160	0.50
08/12/2021	9:03:04	78774.85	394745.01	38.10	Soil	10,740	0.21
08/12/2021	9:03:05	78774.83	394745.00	38.33	Soil	11,100	0.45
08/12/2021	9:03:06	78774.80	394744.99	38.26	Soil	11,160	0.50
08/12/2021	9:03:07	78774.80	394744.96	38.21	Soil	11,760	0.91
08/12/2021	9:03:08	78774.82	394744.94	38.20	Soil	10,380	-0.04
08/12/2021	9:03:09	78774.80	394744.92	38.18	Soil	11,580	0.78
08/12/2021	9:03:10	78774.76	394744.93	38.84	Soil	12,060	1.11
08/12/2021	9:03:39	78774.60	394745.07	40.55	Soil	10,260	-0.12
08/12/2021	9:03:40	78774.77	394744.71	40.39	Soil	10,680	0.17
08/12/2021	9:03:41	78775.09	394744.86	40.53	Soil	11,100	0.45
08/12/2021	9:03:42	78775.14	394745.07	41.58	Soil	11,220	0.54
08/12/2021	9:03:43	78775.35	394745.09	42.15	Soil	11,040	0.41
08/12/2021	9:03:44	78775.21	394745.16	42.23	Soil	12,120	1.15
08/12/2021	9:03:45	78775.47	394744.89	42.31	Soil	11,040	0.41
08/12/2021	9:03:46	78775.45	394744.76	42.34	Soil	11,280	0.58
08/12/2021	9:03:47	78775.43	394744.58	42.76	Soil	11,760	0.91
08/12/2021	9:03:48	78774.97	394744.88	42.59	Soil	10,920	0.33
08/12/2021	9:03:49	78774.67	394744.90	42.68	Soil	10,980	0.37
08/12/2021	9:03:50	78774.62	394744.92	42.86	Soil	11,940	1.03
08/12/2021	9:03:51	78774.60	394744.92	43.13	Soil	9,660	-0.53
08/12/2021	9:03:52	78774.67	394744.95	43.32	Soil	10,080	-0.24
08/12/2021	9:03:53	78774.67	394744.97	43.50	Soil	11,520	0.74
08/12/2021	9:03:54	78774.60	394744.97	43.66	Soil	9,720	-0.49
08/12/2021	9:03:55	78774.56	394744.99	43.82	Soil	10,260	-0.12
08/12/2021	9:03:56	78774.51	394745.01	43.97	Soil	9,480	-0.65
08/12/2021	9:03:57	78774.45	394745.02	44.14	Soil	9,900	-0.37
08/12/2021	9:03:58	78774.40	394745.06	44.30	Soil	10,860	0.29
08/12/2021	9:03:59	78774.35	394745.08	44.48	Soil	10,680	0.17
08/12/2021	9:04:00	78774.35	394745.08	44.61	Soil	11,040	0.41
08/12/2021	9:04:01	78774.34	394745.02	44.61	Soil	11,220	0.54
08/12/2021	9:04:02	78774.35	394745.02	44.40	Soil	11,820	0.95
08/12/2021	9:04:03	78774.49	394745.09	44.40	Soil	9,720	-0.49
08/12/2021	9:04:04	78774.53	394745.12	44.58	Soil	10,620	0.13
08/12/2021	9:04:05	78774.50	394745.09	44.36	Soil	10,980	0.37
08/12/2021	9:04:06	78774.33	394745.10	44.33	Soil	10,320	-0.08
08/12/2021	9:04:08	78774.34	394745.12	44.29	Soil	10,260	-0.12
08/12/2021	9:04:09	78774.33	394745.07	44.28	Soil	11,400	0.66
08/12/2021	9:04:10	78774.38	394745.08	44.23	Soil	11,940	1.03
08/12/2021	9:04:11	78774.41	394745.07	44.15	Soil	12,540	1.44
08/12/2021	9:04:12	78774.42	394745.05	44.13	Soil	9,960	-0.32
08/12/2021	9:04:13	78774.44	394745.07	44.12	Soil	10,200	-0.16
08/12/2021	9:04:14	78774.54	394745.11	44.11	Soil	10,200	-0.16
08/12/2021	9:04:15	78774.67	394745.22	43.95	Soil	10,800	0.25

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08/12/2021	9:04:16	78774.81	394745.24	43.85	Soil	10,380	-0.04
08/12/2021	9:04:17	78774.80	394745.30	44.06	Soil	11,040	0.41
08/12/2021	9:04:18	78774.93	394745.42	43.60	Soil	10,920	0.33
08/12/2021	9:04:19	78775.12	394745.52	43.46	Soil	11,700	0.87
08/12/2021	9:04:20	78775.16	394745.47	40.27	Soil	12,060	1.11
08/12/2021	9:04:21	78775.34	394745.35	39.92	Soil	12,960	1.73
08/12/2021	9:04:22	78775.38	394745.16	40.09	Soil	11,160	0.50
08/12/2021	9:04:23	78775.45	394745.25	40.07	Soil	12,360	1.32
08/12/2021	9:04:24	78775.24	394745.33	40.08	Soil	13,260	1.93
08/12/2021	9:04:25	78775.09	394745.39	40.46	Soil	11,340	0.62
08/12/2021	9:04:26	78775.49	394745.14	41.08	Soil	10,620	0.13
08/12/2021	9:04:27	78775.78	394744.93	41.39	Soil	11,700	0.87
08/12/2021	9:04:28	78775.89	394744.92	41.48	Soil	11,820	0.95
08/12/2021	9:04:29	78776.07	394744.73	41.45	Soil	10,980	0.37
08/12/2021	9:04:30	78776.24	394744.53	41.48	Soil	11,460	0.70
08/12/2021	9:04:31	78776.21	394744.19	41.40	Soil	12,000	1.07
08/12/2021	9:04:32	78776.20	394744.06	40.04	Soil	11,160	0.50
08/12/2021	9:04:33	78776.34	394743.65	39.59	Soil	12,240	1.23
08/12/2021	9:04:34	78776.60	394743.55	39.09	Soil	10,380	-0.04
08/12/2021	9:04:35	78776.90	394743.54	38.85	Soil	10,740	0.21
08/12/2021	9:04:36	78777.28	394744.00	38.77	Soil	10,080	-0.24
08/12/2021	9:04:37	78777.34	394744.21	38.71	Soil	10,020	-0.28
08/12/2021	9:04:38	78777.47	394744.04	38.69	Soil	10,680	0.17
08/12/2021	9:04:39	78777.41	394743.62	38.71	Soil	10,500	0.04
08/12/2021	9:04:40	78777.23	394743.56	38.75	Soil	10,200	-0.16
08/12/2021	9:04:41	78776.98	394743.45	38.70	Soil	10,860	0.29
08/12/2021	9:04:42	78776.86	394743.24	38.60	Soil	11,340	0.62
08/12/2021	9:04:43	78776.92	394743.06	38.48	Soil	10,380	-0.04
08/12/2021	9:04:44	78777.02	394742.91	38.45	Soil	10,260	-0.12
08/12/2021	9:04:45	78776.93	394742.89	37.83	Soil	9,120	-0.90
08/12/2021	9:04:46	78777.45	394743.40	37.24	Soil	9,480	-0.65
08/12/2021	9:04:47	78778.39	394744.03	37.20	Soil	12,120	1.15
08/12/2021	9:04:48	78778.73	394744.16	37.36	Soil	12,480	1.40
08/12/2021	9:04:49	78778.78	394744.07	37.82	Soil	11,940	1.03
08/12/2021	9:04:50	78778.50	394743.90	38.90	Soil	10,980	0.37
08/12/2021	9:04:51	78777.81	394743.76	39.27	Soil	12,120	1.15
08/12/2021	9:04:52	78777.48	394743.68	39.42	Soil	11,820	0.95
08/12/2021	9:04:53	78777.41	394743.70	39.40	Soil	11,040	0.41
08/12/2021	9:04:54	78777.52	394743.67	39.36	Soil	11,640	0.82
08/12/2021	9:04:55	78777.58	394743.60	39.29	Soil	9,840	-0.41
08/12/2021	9:04:56	78777.66	394743.52	39.24	Soil	12,060	1.11
08/12/2021	9:04:57	78777.68	394743.31	39.22	Soil	11,340	0.62
08/12/2021	9:04:58	78777.57	394743.16	39.20	Soil	10,380	-0.04
08/12/2021	9:04:59	78777.75	394743.14	39.18	Soil	11,640	0.82
08/12/2021	9:05:00	78777.58	394743.04	39.27	Soil	10,560	0.09
08/12/2021	9:05:01	78777.49	394743.10	39.31	Soil	10,380	-0.04
08/12/2021	9:05:02	78777.80	394742.98	39.41	Soil	10,980	0.37
08/12/2021	9:05:03	78777.91	394742.83	39.31	Soil	12,300	1.28
08/12/2021	9:05:04	78777.97	394742.76	38.79	Soil	10,560	0.09
08/12/2021	9:05:05	78778.14	394742.89	38.64	Soil	9,540	-0.61
08/12/2021	9:05:06	78778.00	394742.79	38.74	Soil	9,960	-0.32

SU 7B GWS RESULTS

08/12/2021	9:05:07	78777.60	394742.59	38.75	Soil	10,560	0.09
08/12/2021	9:05:08	78777.50	394742.40	38.69	Soil	10,380	-0.04
08/12/2021	9:05:09	78777.53	394742.29	37.86	Soil	9,420	-0.69
08/12/2021	9:05:10	78777.73	394742.68	37.91	Soil	9,540	-0.61
08/12/2021	9:05:11	78777.36	394742.93	38.30	Soil	10,920	0.33
08/12/2021	9:05:12	78777.08	394742.85	38.70	Soil	11,400	0.66
08/12/2021	9:05:13	78776.93	394742.90	38.78	Soil	11,100	0.45
08/12/2021	9:05:14	78776.85	394742.99	39.13	Soil	11,100	0.45
08/12/2021	9:05:15	78776.60	394742.78	39.38	Soil	9,960	-0.32
08/12/2021	9:05:16	78776.59	394742.68	39.52	Soil	10,740	0.21
08/12/2021	9:05:17	78776.51	394742.56	39.55	Soil	12,000	1.07
08/12/2021	9:05:18	78776.32	394742.38	39.51	Soil	11,280	0.58
08/12/2021	9:05:19	78776.24	394742.37	39.62	Soil	9,900	-0.37
08/12/2021	9:05:20	78776.40	394742.66	39.92	Soil	12,060	1.11
08/12/2021	9:05:21	78776.49	394743.21	39.92	Soil	11,100	0.45
08/12/2021	9:05:22	78776.47	394743.38	39.94	Soil	11,580	0.78
08/12/2021	9:05:23	78776.46	394743.46	40.05	Soil	12,420	1.36
08/12/2021	9:05:24	78776.52	394743.64	40.10	Soil	12,660	1.52
08/12/2021	9:05:25	78776.57	394743.77	40.16	Soil	12,000	1.07
08/12/2021	9:05:26	78776.57	394743.91	40.12	Soil	14,460	2.75
08/12/2021	9:05:27	78776.67	394743.96	40.06	Soil	13,020	1.77
08/12/2021	9:05:28	78776.79	394743.97	39.01	Soil	11,220	0.54
08/12/2021	9:05:29	78776.98	394743.92	38.35	Soil	13,080	1.81
08/12/2021	9:05:30	78777.05	394744.07	38.16	Soil	11,760	0.91
08/12/2021	9:05:31	78777.05	394744.16	37.95	Soil	12,000	1.07
08/12/2021	9:05:32	78777.26	394744.04	37.78	Soil	11,040	0.41
08/12/2021	9:05:33	78777.42	394744.00	37.66	Soil	11,520	0.74
08/12/2021	9:05:34	78777.51	394743.88	37.55	Soil	11,700	0.87
08/12/2021	9:05:35	78777.56	394743.88	37.79	Soil	10,980	0.37
08/12/2021	9:05:36	78777.19	394743.87	38.02	Soil	11,940	1.03
08/12/2021	9:05:37	78776.97	394744.16	37.95	Soil	10,860	0.29
08/12/2021	9:05:38	78776.87	394744.18	37.96	Soil	12,120	1.15
08/12/2021	9:05:39	78776.71	394744.14	38.08	Soil	10,380	-0.04
08/12/2021	9:05:40	78776.54	394744.33	38.13	Soil	11,520	0.74
08/12/2021	9:05:41	78776.44	394744.41	38.22	Soil	10,680	0.17
08/12/2021	9:05:42	78776.50	394744.62	38.13	Soil	12,180	1.19
08/12/2021	9:05:43	78776.57	394744.71	38.09	Soil	13,380	2.01
08/12/2021	9:05:44	78776.70	394744.62	38.03	Soil	12,720	1.56
08/12/2021	9:05:45	78776.91	394744.47	37.92	Soil	10,860	0.29
08/12/2021	9:05:46	78777.12	394744.30	37.68	Soil	12,420	1.36
08/12/2021	9:05:47	78777.33	394744.16	37.50	Soil	11,820	0.95
08/12/2021	9:05:48	78777.50	394744.05	37.35	Soil	11,160	0.50
08/12/2021	9:05:49	78777.67	394743.85	37.34	Soil	10,620	0.13
08/12/2021	9:05:50	78777.82	394743.98	37.27	Soil	10,800	0.25
08/12/2021	9:05:51	78777.97	394743.71	37.21	Soil	10,560	0.09
08/12/2021	9:05:52	78778.14	394743.81	37.11	Soil	8,760	-1.15
08/12/2021	9:05:53	78778.31	394743.83	37.03	Soil	11,040	0.41
08/12/2021	9:05:54	78778.40	394743.66	36.94	Soil	11,040	0.41
08/12/2021	9:05:55	78778.58	394743.60	36.90	Soil	10,740	0.21
08/12/2021	9:05:56	78778.71	394743.66	36.88	Soil	10,200	-0.16
08/12/2021	9:05:57	78778.79	394743.61	36.81	Soil	11,340	0.62

SU 7B GWS RESULTS

08/12/2021	9:05:58	78779.02	394743.62	36.71	Soil	11,040	0.41
08/12/2021	9:05:59	78779.16	394743.72	36.69	Soil	10,800	0.25
08/12/2021	9:06:00	78779.27	394743.58	36.71	Soil	11,580	0.78
08/12/2021	9:06:01	78779.21	394743.22	36.67	Soil	12,900	1.69
08/12/2021	9:06:02	78779.03	394743.18	36.63	Soil	10,620	0.13
08/12/2021	9:06:03	78778.93	394743.05	36.63	Soil	10,500	0.04
08/12/2021	9:06:04	78778.81	394742.92	36.72	Soil	10,920	0.33
08/12/2021	9:06:05	78778.65	394742.84	36.65	Soil	11,340	0.62
08/12/2021	9:06:06	78778.56	394742.71	36.67	Soil	11,280	0.58
08/12/2021	9:06:07	78778.59	394742.60	36.56	Soil	11,400	0.66
08/12/2021	9:06:08	78778.79	394742.57	36.70	Soil	11,580	0.78
08/12/2021	9:06:09	78778.81	394742.79	36.85	Soil	10,800	0.25
08/12/2021	9:06:10	78778.83	394742.78	36.89	Soil	12,000	1.07
08/12/2021	9:06:11	78779.08	394742.83	36.60	Soil	11,460	0.70
08/12/2021	9:06:12	78779.46	394742.79	36.71	Soil	10,320	-0.08
08/12/2021	9:06:13	78779.69	394742.99	36.66	Soil	9,960	-0.32
08/12/2021	9:06:14	78779.80	394743.36	36.72	Soil	9,420	-0.69
08/12/2021	9:06:15	78779.78	394743.56	36.70	Soil	10,740	0.21
08/12/2021	9:06:16	78779.97	394743.31	36.71	Soil	12,060	1.11
08/12/2021	9:06:17	78780.03	394743.33	36.86	Soil	9,600	-0.57
08/12/2021	9:06:18	78780.05	394743.61	37.02	Soil	12,000	1.07
08/12/2021	9:06:19	78780.11	394743.84	37.59	Soil	10,620	0.13
08/12/2021	9:06:20	78780.12	394743.94	37.69	Soil	10,920	0.33
08/12/2021	9:06:21	78780.01	394744.27	37.47	Soil	11,340	0.62
08/12/2021	9:06:22	78779.96	394744.27	37.47	Soil	8,040	-1.64
08/12/2021	9:06:23	78779.97	394744.39	37.39	Soil	8,700	-1.19
08/12/2021	9:06:24	78780.15	394744.26	37.24	Soil	8,940	-1.02
08/12/2021	9:06:25	78780.37	394744.09	37.18	Soil	9,540	-0.61
08/12/2021	9:06:26	78780.61	394744.09	37.04	Soil	10,380	-0.04
08/12/2021	9:06:27	78780.84	394743.97	37.01	Soil	8,940	-1.02
08/12/2021	9:06:28	78781.07	394744.02	36.97	Soil	10,500	0.04
08/12/2021	9:06:29	78781.21	394743.95	37.05	Soil	9,840	-0.41
08/12/2021	9:06:30	78781.41	394744.13	36.95	Soil	9,180	-0.86
08/12/2021	9:06:31	78781.55	394743.97	37.03	Soil	9,540	-0.61
08/12/2021	9:06:32	78781.76	394744.22	36.99	Soil	9,900	-0.37
08/12/2021	9:06:33	78782.00	394743.97	37.10	Soil	11,880	0.99
08/12/2021	9:06:34	78782.28	394744.11	36.93	Soil	10,020	-0.28
08/12/2021	9:06:35	78782.46	394743.92	36.98	Soil	9,900	-0.37
08/12/2021	9:06:36	78782.64	394743.98	36.97	Soil	10,800	0.25
08/12/2021	9:06:37	78782.91	394743.98	37.13	Soil	7,800	-1.80
08/12/2021	9:06:38	78783.15	394743.91	37.05	Soil	9,660	-0.53
08/12/2021	9:06:39	78783.15	394743.50	36.86	Soil	10,200	-0.16
08/12/2021	9:06:40	78782.95	394743.49	36.90	Soil	9,300	-0.78
08/12/2021	9:06:41	78782.69	394743.49	36.91	Soil	10,320	-0.08
08/12/2021	9:06:42	78782.48	394743.40	36.73	Soil	10,380	-0.04
08/12/2021	9:06:43	78782.21	394743.46	36.70	Soil	11,520	0.74
08/12/2021	9:06:44	78782.12	394743.36	37.06	Soil	8,580	-1.27
08/12/2021	9:06:45	78781.96	394743.33	36.90	Soil	9,540	-0.61
08/12/2021	9:06:46	78781.56	394743.35	36.58	Soil	10,500	0.04
08/12/2021	9:06:47	78781.45	394743.41	36.67	Soil	9,300	-0.78
08/12/2021	9:06:48	78781.25	394743.45	36.79	Soil	9,120	-0.90

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08/12/2021	9:06:49	78781.22	394743.56	36.87	Soil	9,600	-0.57
08/12/2021	9:06:50	78780.86	394743.48	36.83	Soil	9,000	-0.98
08/12/2021	9:06:51	78780.52	394743.46	36.78	Soil	9,660	-0.53
08/12/2021	9:06:52	78780.29	394743.57	36.81	Soil	10,320	-0.08
08/12/2021	9:06:53	78780.15	394743.57	36.81	Soil	11,040	0.41
08/12/2021	9:06:54	78780.47	394743.73	36.81	Soil	10,860	0.29
08/12/2021	9:06:55	78780.56	394743.73	36.73	Soil	11,220	0.54
08/12/2021	9:06:56	78780.79	394743.64	36.73	Soil	10,920	0.33
08/12/2021	9:06:57	78780.81	394743.75	36.72	Soil	11,100	0.45
08/12/2021	9:06:58	78780.97	394743.75	36.72	Soil	10,740	0.21
08/12/2021	9:06:59	78781.17	394743.75	36.80	Soil	10,140	-0.20
08/12/2021	9:07:00	78781.32	394743.69	37.06	Soil	9,840	-0.41
08/12/2021	9:07:01	78781.36	394743.75	36.91	Soil	11,760	0.91
08/12/2021	9:07:02	78781.68	394743.79	36.77	Soil	9,060	-0.94
08/12/2021	9:07:03	78781.93	394743.79	36.71	Soil	10,380	-0.04
08/12/2021	9:07:04	78782.05	394743.86	36.83	Soil	9,060	-0.94
08/12/2021	9:07:05	78782.17	394743.98	36.87	Soil	10,200	-0.16
08/12/2021	9:07:06	78782.39	394744.15	36.76	Soil	11,520	0.74
08/12/2021	9:07:07	78782.68	394743.97	36.76	Soil	9,000	-0.98
08/12/2021	9:07:08	78782.86	394744.09	36.79	Soil	9,840	-0.41
08/12/2021	9:07:09	78783.08	394744.26	36.77	Soil	9,840	-0.41
08/12/2021	9:07:10	78783.38	394744.19	36.86	Soil	9,600	-0.57
08/12/2021	9:07:11	78783.58	394744.49	36.83	Soil	9,060	-0.94
08/12/2021	9:07:12	78783.95	394744.35	36.91	Soil	9,900	-0.37
08/12/2021	9:07:13	78784.15	394744.69	36.94	Soil	10,440	0.00
08/12/2021	9:07:14	78784.49	394744.55	36.97	Soil	10,020	-0.28
08/12/2021	9:07:15	78784.70	394744.65	36.88	Soil	11,100	0.45
08/12/2021	9:07:16	78784.91	394744.22	36.86	Soil	10,260	-0.12
08/12/2021	9:07:17	78785.16	394744.10	36.85	Soil	10,320	-0.08
08/12/2021	9:07:18	78785.33	394743.95	37.02	Soil	10,080	-0.24
08/12/2021	9:07:19	78785.50	394744.42	37.01	Soil	9,480	-0.65
08/12/2021	9:07:20	78785.81	394744.13	37.03	Soil	10,020	-0.28
08/12/2021	9:07:21	78786.02	394744.27	37.02	Soil	10,080	-0.24
08/12/2021	9:07:22	78786.36	394744.04	37.05	Soil	10,440	0.00
08/12/2021	9:07:23	78786.55	394744.10	37.02	Soil	12,600	1.48
08/12/2021	9:07:24	78786.37	394744.46	37.12	Soil	10,740	0.21
08/12/2021	9:07:25	78786.08	394744.69	37.10	Soil	9,180	-0.86
08/12/2021	9:07:26	78785.72	394744.68	37.00	Soil	10,380	-0.04
08/12/2021	9:07:27	78785.47	394744.72	36.99	Soil	10,620	0.13
08/12/2021	9:07:28	78785.11	394744.84	36.95	Soil	11,700	0.87
08/12/2021	9:07:29	78784.82	394744.71	36.99	Soil	9,060	-0.94
08/12/2021	9:07:30	78784.56	394744.99	36.91	Soil	11,940	1.03
08/12/2021	9:07:31	78784.28	394744.76	36.94	Soil	9,120	-0.90
08/12/2021	9:07:32	78784.11	394745.02	36.88	Soil	9,660	-0.53
08/12/2021	9:07:33	78783.91	394744.71	36.86	Soil	9,780	-0.45
08/12/2021	9:07:34	78783.62	394745.02	36.76	Soil	9,900	-0.37
08/12/2021	9:07:35	78783.32	394744.84	36.72	Soil	9,780	-0.45
08/12/2021	9:07:36	78783.26	394744.94	36.71	Soil	10,200	-0.16
08/12/2021	9:07:37	78783.14	394745.00	36.68	Soil	9,060	-0.94
08/12/2021	9:07:38	78782.94	394744.76	36.71	Soil	8,220	-1.52
08/12/2021	9:07:39	78782.74	394744.94	36.61	Soil	10,740	0.21

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08/12/2021	9:07:40	78782.62	394744.71	36.69	Soil	10,380	-0.04
08/12/2021	9:07:41	78782.31	394744.90	36.62	Soil	8,820	-1.10
08/12/2021	9:07:42	78782.16	394744.76	36.58	Soil	9,120	-0.90
08/12/2021	9:07:43	78782.00	394744.79	36.65	Soil	9,480	-0.65
08/12/2021	9:07:44	78781.74	394744.88	36.54	Soil	10,560	0.09
08/12/2021	9:07:45	78781.53	394744.70	36.64	Soil	10,740	0.21
08/12/2021	9:07:46	78781.16	394744.91	36.53	Soil	10,320	-0.08
08/12/2021	9:07:47	78780.94	394744.77	36.63	Soil	8,640	-1.23
08/12/2021	9:07:48	78780.65	394744.98	36.62	Soil	8,220	-1.52
08/12/2021	9:07:49	78780.45	394744.92	36.59	Soil	10,260	-0.12
08/12/2021	9:07:50	78780.24	394744.89	36.65	Soil	8,580	-1.27
08/12/2021	9:07:51	78779.98	394745.05	36.51	Soil	10,140	-0.20
08/12/2021	9:07:52	78779.82	394744.78	36.58	Soil	9,900	-0.37
08/12/2021	9:07:53	78779.58	394744.91	36.51	Soil	10,560	0.09
08/12/2021	9:07:54	78779.37	394744.79	36.46	Soil	8,520	-1.31
08/12/2021	9:07:55	78779.26	394744.71	36.59	Soil	9,300	-0.78
08/12/2021	9:07:56	78779.09	394744.96	36.57	Soil	8,340	-1.43
08/12/2021	9:07:57	78778.88	394744.67	36.68	Soil	9,960	-0.32
08/12/2021	9:07:58	78778.76	394744.81	36.66	Soil	9,480	-0.65
08/12/2021	9:07:59	78778.59	394744.80	36.73	Soil	9,180	-0.86
08/12/2021	9:08:00	78778.49	394744.61	36.80	Soil	8,280	-1.47
08/12/2021	9:08:01	78778.40	394744.76	36.89	Soil	9,960	-0.32
08/12/2021	9:08:02	78778.18	394744.53	36.98	Soil	8,220	-1.52
08/12/2021	9:08:03	78778.11	394744.67	37.05	Soil	10,500	0.04
08/12/2021	9:08:04	78777.88	394744.51	37.11	Soil	11,100	0.45
08/12/2021	9:08:05	78777.74	394744.49	37.26	Soil	11,460	0.70
08/12/2021	9:08:06	78777.53	394744.52	37.35	Soil	10,920	0.33
08/12/2021	9:08:07	78777.46	394744.51	37.44	Soil	11,100	0.45
08/12/2021	9:08:08	78777.37	394744.56	37.56	Soil	12,000	1.07
08/12/2021	9:08:09	78777.24	394744.71	37.58	Soil	12,300	1.28
08/12/2021	9:08:10	78777.46	394744.98	37.61	Soil	10,680	0.17
08/12/2021	9:08:11	78777.68	394745.02	37.51	Soil	11,940	1.03
08/12/2021	9:08:12	78777.88	394744.96	37.34	Soil	9,300	-0.78
08/12/2021	9:08:13	78778.14	394744.95	37.24	Soil	9,780	-0.45
08/12/2021	9:08:14	78778.34	394744.97	37.00	Soil	9,540	-0.61
08/12/2021	9:08:15	78778.59	394745.00	36.86	Soil	10,140	-0.20
08/12/2021	9:08:16	78778.77	394744.97	36.89	Soil	10,500	0.04
08/12/2021	9:08:17	78778.83	394744.98	36.85	Soil	11,400	0.66
08/12/2021	9:08:18	78778.99	394745.07	36.96	Soil	10,740	0.21
08/12/2021	9:08:19	78779.03	394745.24	36.97	Soil	9,780	-0.45
08/12/2021	9:08:20	78779.11	394745.31	37.03	Soil	10,920	0.33
08/12/2021	9:08:21	78779.12	394745.55	37.04	Soil	10,500	0.04
08/12/2021	9:08:22	78779.05	394745.76	36.93	Soil	10,560	0.09
08/12/2021	9:08:23	78779.10	394745.99	36.79	Soil	12,720	1.56
08/12/2021	9:08:24	78779.49	394745.99	36.71	Soil	10,620	0.13
08/12/2021	9:08:25	78779.89	394745.67	36.67	Soil	10,800	0.25
08/12/2021	9:08:26	78780.01	394745.69	36.68	Soil	12,480	1.40
08/12/2021	9:08:27	78780.23	394745.63	36.63	Soil	10,080	-0.24
08/12/2021	9:08:28	78780.52	394745.73	36.62	Soil	11,220	0.54
08/12/2021	9:08:29	78780.72	394745.48	36.57	Soil	10,260	-0.12
08/12/2021	9:08:30	78781.01	394745.57	36.50	Soil	11,220	0.54

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08/12/2021	9:08:31	78781.32	394745.28	36.55	Soil	9,060	-0.94
08/12/2021	9:08:32	78781.57	394745.49	36.52	Soil	10,200	-0.16
08/12/2021	9:08:33	78781.82	394745.18	36.58	Soil	10,440	0.00
08/12/2021	9:08:34	78782.02	394745.49	36.57	Soil	10,320	-0.08
08/12/2021	9:08:35	78782.38	394745.32	36.62	Soil	10,260	-0.12
08/12/2021	9:08:36	78782.62	394745.58	36.66	Soil	9,600	-0.57
08/12/2021	9:08:37	78782.91	394745.32	36.61	Soil	10,800	0.25
08/12/2021	9:08:38	78783.15	394745.58	36.57	Soil	8,760	-1.15
08/12/2021	9:08:39	78783.55	394745.33	36.65	Soil	9,120	-0.90
08/12/2021	9:08:40	78783.84	394745.54	36.67	Soil	8,520	-1.31
08/12/2021	9:08:41	78784.16	394745.30	36.66	Soil	10,140	-0.20
08/12/2021	9:08:42	78784.30	394745.25	36.65	Soil	10,980	0.37
08/12/2021	9:08:43	78784.12	394744.74	36.50	Soil	8,880	-1.06
08/12/2021	9:08:44	78783.92	394744.59	36.52	Soil	9,300	-0.78
08/12/2021	9:08:45	78783.47	394744.66	36.44	Soil	10,620	0.13
08/12/2021	9:08:46	78783.07	394744.78	36.38	Soil	9,780	-0.45
08/12/2021	9:08:47	78782.99	394744.72	36.50	Soil	8,160	-1.56
08/12/2021	9:08:48	78782.77	394745.02	36.48	Soil	9,360	-0.74
08/12/2021	9:08:49	78782.56	394744.98	36.56	Soil	10,200	-0.16
08/12/2021	9:08:50	78782.48	394745.31	36.55	Soil	10,140	-0.20
08/12/2021	9:08:51	78782.45	394745.36	36.52	Soil	9,660	-0.53
08/12/2021	9:08:52	78782.59	394745.64	36.48	Soil	10,800	0.25
08/12/2021	9:08:53	78782.57	394745.29	36.39	Soil	9,360	-0.74
08/12/2021	9:08:54	78782.53	394744.97	36.39	Soil	9,840	-0.41
08/12/2021	9:08:55	78782.39	394744.89	36.34	Soil	9,420	-0.69
08/12/2021	9:08:56	78782.36	394744.65	36.33	Soil	8,580	-1.27
08/12/2021	9:08:57	78782.27	394744.67	36.27	Soil	11,280	0.58
08/12/2021	9:08:58	78782.25	394744.55	36.30	Soil	9,180	-0.86
08/12/2021	9:08:59	78781.97	394744.66	36.26	Soil	10,500	0.04
08/12/2021	9:09:00	78781.74	394744.61	36.20	Soil	10,560	0.09
08/12/2021	9:09:01	78781.64	394744.52	36.16	Soil	11,100	0.45
08/12/2021	9:09:02	78781.47	394744.62	36.16	Soil	10,020	-0.28
08/12/2021	9:09:03	78781.21	394744.69	36.08	Soil	9,480	-0.65
08/12/2021	9:09:04	78781.02	394744.57	36.17	Soil	9,780	-0.45
08/12/2021	9:09:05	78780.81	394744.76	36.10	Soil	8,640	-1.23
08/12/2021	9:09:06	78780.53	394744.62	36.27	Soil	9,780	-0.45
08/12/2021	9:09:07	78780.33	394744.80	36.24	Soil	10,140	-0.20
08/12/2021	9:09:08	78780.05	394744.55	36.37	Soil	10,080	-0.24
08/12/2021	9:09:09	78779.79	394744.79	36.33	Soil	9,900	-0.37
08/12/2021	9:09:10	78779.54	394744.58	36.48	Soil	9,060	-0.94
08/12/2021	9:09:11	78779.25	394744.73	36.45	Soil	9,120	-0.90
08/12/2021	9:09:12	78779.07	394744.56	36.58	Soil	8,520	-1.31
08/12/2021	9:09:13	78778.81	394744.81	36.62	Soil	10,020	-0.28
08/12/2021	9:09:14	78778.66	394744.63	36.70	Soil	10,140	-0.20
08/12/2021	9:09:15	78778.77	394744.93	36.60	Soil	9,000	-0.98
08/12/2021	9:09:16	78778.98	394744.97	36.53	Soil	9,060	-0.94
08/12/2021	9:09:17	78779.20	394745.05	36.48	Soil	9,480	-0.65
08/12/2021	9:09:18	78779.25	394745.03	36.51	Soil	9,240	-0.82
08/12/2021	9:09:19	78779.06	394744.70	36.47	Soil	10,140	-0.20
08/12/2021	9:09:20	78778.90	394744.35	36.45	Soil	9,960	-0.32
08/12/2021	9:09:21	78778.87	394744.30	36.38	Soil	10,680	0.17

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08/12/2021	9:09:22	78779.03	394744.33	36.30	Soil	11,520	0.74
08/12/2021	9:09:23	78779.23	394744.33	36.26	Soil	10,560	0.09
08/12/2021	9:09:24	78779.29	394744.30	36.19	Soil	10,320	-0.08
08/12/2021	9:09:25	78779.47	394744.35	36.14	Soil	10,440	0.00
08/12/2021	9:09:26	78779.61	394744.43	36.09	Soil	9,420	-0.69
08/12/2021	9:09:27	78779.70	394744.36	36.06	Soil	9,780	-0.45
08/12/2021	9:09:28	78780.05	394744.56	36.14	Soil	9,540	-0.61
08/12/2021	9:09:29	78780.19	394744.52	36.30	Soil	10,860	0.29
08/12/2021	9:09:30	78780.05	394744.45	36.38	Soil	10,920	0.33
08/12/2021	9:09:31	78780.07	394744.41	36.51	Soil	10,020	-0.28
08/12/2021	9:09:32	78779.93	394744.11	36.33	Soil	10,260	-0.12
08/12/2021	9:09:33	78779.72	394743.95	36.35	Soil	10,860	0.29
08/12/2021	9:09:34	78779.65	394743.96	36.39	Soil	10,260	-0.12
08/12/2021	9:09:35	78779.74	394744.02	36.51	Soil	10,440	0.00
08/12/2021	9:09:36	78779.55	394744.03	36.49	Soil	10,080	-0.24
08/12/2021	9:09:37	78779.36	394743.92	36.50	Soil	11,400	0.66
08/12/2021	9:09:38	78779.17	394743.91	36.50	Soil	10,440	0.00
08/12/2021	9:09:39	78779.16	394743.79	36.35	Soil	11,520	0.74
08/12/2021	9:09:40	78779.66	394743.80	36.30	Soil	11,640	0.82
08/12/2021	9:09:41	78780.09	394743.99	36.47	Soil	11,340	0.62
08/12/2021	9:09:42	78780.41	394744.06	36.47	Soil	9,180	-0.86
08/12/2021	9:09:43	78780.47	394744.06	36.33	Soil	10,800	0.25
08/12/2021	9:09:44	78780.56	394743.98	36.24	Soil	9,960	-0.32
08/12/2021	9:09:45	78780.91	394743.88	36.22	Soil	10,740	0.21
08/12/2021	9:09:46	78780.99	394743.97	36.62	Soil	10,800	0.25
08/12/2021	9:09:47	78780.92	394744.14	36.80	Soil	10,080	-0.24
08/12/2021	9:09:48	78780.92	394744.30	36.66	Soil	10,800	0.25
08/12/2021	9:09:49	78780.81	394744.27	36.69	Soil	9,840	-0.41
08/12/2021	9:09:50	78780.76	394744.15	36.68	Soil	8,700	-1.19
08/12/2021	9:09:51	78780.95	394744.08	36.68	Soil	9,360	-0.74
08/12/2021	9:09:52	78781.05	394744.12	36.68	Soil	10,080	-0.24
08/12/2021	9:09:53	78781.24	394744.11	36.68	Soil	9,900	-0.37
08/12/2021	9:09:54	78781.37	394744.10	36.73	Soil	10,500	0.04
08/12/2021	9:09:55	78781.73	394744.16	36.77	Soil	8,340	-1.43
08/12/2021	9:09:56	78781.89	394744.15	36.75	Soil	10,200	-0.16
08/12/2021	9:09:57	78781.94	394744.09	36.84	Soil	11,040	0.41
08/12/2021	9:09:58	78782.28	394744.21	36.79	Soil	12,540	1.44
08/12/2021	9:09:58	78782.57	394744.26	36.79	Soil	10,200	-0.16
08/12/2021	9:10:00	78782.92	394744.37	36.75	Soil	10,500	0.04
08/12/2021	9:10:01	78783.13	394744.39	36.78	Soil	9,780	-0.45
08/12/2021	9:10:02	78783.51	394744.43	36.79	Soil	8,640	-1.23
08/12/2021	9:10:03	78783.84	394744.48	36.80	Soil	10,260	-0.12
08/12/2021	9:10:04	78784.17	394744.36	36.82	Soil	12,000	1.07
08/12/2021	9:10:05	78784.01	394744.15	36.82	Soil	10,860	0.29
08/12/2021	9:10:06	78783.34	394744.27	36.78	Soil	9,420	-0.69
08/12/2021	9:10:07	78783.20	394744.28	36.63	Soil	9,240	-0.82
08/12/2021	9:10:08	78782.81	394744.42	36.54	Soil	10,260	-0.12
08/12/2021	9:10:09	78782.45	394744.35	36.54	Soil	9,900	-0.37
08/12/2021	9:10:10	78782.13	394744.54	36.64	Soil	9,720	-0.49
08/12/2021	9:10:11	78781.81	394744.34	36.66	Soil	9,540	-0.61
08/12/2021	9:10:12	78781.61	394744.54	36.65	Soil	9,660	-0.53

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08/12/2021	9:10:13	78781.38	394744.37	36.68	Soil	9,180	-0.86
08/12/2021	9:10:14	78781.17	394744.62	36.68	Soil	9,480	-0.65
08/12/2021	9:10:15	78780.88	394744.49	36.68	Soil	8,100	-1.60
08/12/2021	9:10:16	78780.69	394744.68	36.65	Soil	8,340	-1.43
08/12/2021	9:10:17	78780.46	394744.64	36.67	Soil	10,800	0.25
08/12/2021	9:10:18	78780.27	394744.67	36.67	Soil	9,060	-0.94
08/12/2021	9:10:19	78780.06	394744.69	36.67	Soil	10,620	0.13
08/12/2021	9:10:20	78779.77	394744.57	36.66	Soil	10,260	-0.12
08/12/2021	9:10:21	78779.62	394744.67	36.58	Soil	8,880	-1.06
08/12/2021	9:10:22	78779.37	394744.37	36.68	Soil	8,820	-1.10
08/12/2021	9:10:23	78779.15	394744.56	36.70	Soil	9,180	-0.86
08/12/2021	9:10:24	78779.09	394744.28	36.92	Soil	11,160	0.50
08/12/2021	9:10:25	78778.91	394744.42	36.94	Soil	10,500	0.04
08/12/2021	9:10:26	78778.88	394744.24	36.94	Soil	10,920	0.33
08/12/2021	9:10:27	78778.69	394744.39	37.19	Soil	9,060	-0.94
08/12/2021	9:10:28	78778.48	394744.32	37.38	Soil	9,600	-0.57
08/12/2021	9:10:29	78778.37	394744.35	37.51	Soil	9,120	-0.90
08/12/2021	9:10:30	78778.21	394744.43	37.51	Soil	9,780	-0.45
08/12/2021	9:10:31	78778.08	394744.32	37.56	Soil	9,600	-0.57
08/12/2021	9:10:32	78777.71	394744.47	37.80	Soil	12,600	1.48
08/12/2021	9:10:33	78777.82	394744.49	37.80	Soil	10,200	-0.16
08/12/2021	9:10:34	78777.93	394744.52	37.89	Soil	10,020	-0.28
08/12/2021	9:10:35	78777.86	394744.60	37.80	Soil	10,680	0.17
08/12/2021	9:10:36	78777.80	394744.54	37.95	Soil	9,720	-0.49
08/12/2021	9:10:37	78777.96	394744.43	37.95	Soil	10,860	0.29
08/12/2021	9:10:38	78778.60	394744.10	37.88	Soil	10,020	-0.28
08/12/2021	9:10:39	78778.77	394744.24	38.10	Soil	11,280	0.58
08/12/2021	9:10:40	78778.46	394743.53	37.96	Soil	9,900	-0.37
08/12/2021	9:10:41	78777.91	394743.27	37.96	Soil	10,860	0.29
08/12/2021	9:10:42	78777.87	394743.58	38.13	Soil	10,740	0.21
08/12/2021	9:10:43	78777.68	394743.68	38.33	Soil	10,980	0.37
08/12/2021	9:10:44	78777.34	394743.64	38.33	Soil	11,400	0.66
08/12/2021	9:10:45	78777.07	394743.55	38.56	Soil	11,220	0.54
08/12/2021	9:10:46	78776.76	394743.73	38.98	Soil	11,700	0.87
08/12/2021	9:10:47	78776.54	394743.72	39.03	Soil	11,460	0.70
08/12/2021	9:10:48	78776.41	394744.06	39.03	Soil	11,280	0.58
08/12/2021	9:10:49	78776.22	394744.11	39.17	Soil	10,380	-0.04
08/12/2021	9:10:50	78775.91	394744.04	39.20	Soil	10,320	-0.08
08/12/2021	9:10:51	78775.68	394744.44	39.38	Soil	10,500	0.04
08/12/2021	9:10:52	78775.32	394744.42	39.50	Soil	11,700	0.87
08/12/2021	9:10:53	78775.11	394744.28	39.50	Soil	10,140	-0.20
08/12/2021	9:10:54	78774.96	394744.01	39.54	Soil	11,280	0.58
08/12/2021	9:10:54	78774.71	394743.89	39.66	Soil	10,320	-0.08
08/12/2021	9:10:56	78774.79	394743.48	39.66	Soil	11,100	0.45
08/12/2021	9:10:57	78774.51	394743.53	39.61	Soil	10,200	-0.16
08/12/2021	9:10:58	78774.53	394743.27	39.61	Soil	11,880	0.99
08/12/2021	9:10:59	78774.35	394743.26	39.67	Soil	11,340	0.62
08/12/2021	9:11:00	78774.18	394742.97	39.55	Soil	12,660	1.52
08/12/2021	9:11:01	78774.39	394742.64	39.59	Soil	11,880	0.99
08/12/2021	9:11:01	78774.14	394742.60	39.59	Soil	11,940	1.03
08/12/2021	9:11:02	78774.21	394742.38	39.48	Soil	11,100	0.45

SU 7B GWS RESULTS

08/12/2021	9:11:04	78774.43	394742.22	39.25	Soil	11,040	0.41
08/12/2021	9:11:05	78774.61	394742.05	39.25	Soil	11,940	1.03
08/12/2021	9:11:06	78774.47	394742.17	39.23	Soil	10,020	-0.28
08/12/2021	9:11:07	78774.69	394742.09	39.12	Soil	11,160	0.50
08/12/2021	9:11:08	78774.68	394742.07	38.92	Soil	11,580	0.78
08/12/2021	9:11:09	78774.92	394741.88	38.92	Soil	9,840	-0.41
08/12/2021	9:11:10	78774.67	394741.74	38.77	Soil	11,760	0.91
08/12/2021	9:11:11	78774.72	394741.69	38.76	Soil	11,640	0.82
08/12/2021	9:11:12	78774.76	394741.90	38.76	Soil	10,560	0.09
08/12/2021	9:11:13	78775.02	394742.41	38.79	Soil	12,960	1.73
08/12/2021	9:11:14	78775.24	394742.68	38.69	Soil	11,100	0.45
08/12/2021	9:11:15	78775.43	394742.67	38.57	Soil	11,340	0.62
08/12/2021	9:11:16	78775.37	394742.98	38.72	Soil	10,380	-0.04
08/12/2021	9:11:17	78775.55	394743.03	38.54	Soil	11,220	0.54
08/12/2021	9:11:18	78775.43	394742.79	38.40	Soil	12,000	1.07
08/12/2021	9:11:19	78775.72	394742.27	38.40	Soil	12,300	1.28
08/12/2021	9:11:19	78775.78	394741.71	38.17	Soil	10,260	-0.12
08/12/2021	9:11:21	78775.85	394741.66	37.94	Soil	10,680	0.17
08/12/2021	9:11:22	78775.61	394741.52	37.96	Soil	12,420	1.36
08/12/2021	9:11:23	78775.60	394741.57	38.03	Soil	12,120	1.15
08/12/2021	9:11:24	78775.94	394741.65	38.03	Soil	10,740	0.21
08/12/2021	9:11:25	78776.21	394741.58	37.95	Soil	9,780	-0.45
08/12/2021	9:11:26	78776.39	394741.67	37.67	Soil	9,780	-0.45
08/12/2021	9:11:27	78776.22	394741.24	37.67	Soil	10,200	-0.16
08/12/2021	9:11:28	78775.93	394740.84	37.83	Soil	10,740	0.21
08/12/2021	9:11:29	78775.75	394740.75	37.80	Soil	9,360	-0.74
08/12/2021	9:11:30	78776.01	394740.75	37.73	Soil	9,900	-0.37
08/12/2021	9:11:31	78775.67	394740.54	37.79	Soil	10,200	-0.16
08/12/2021	9:11:32	78775.74	394740.39	37.76	Soil	10,920	0.33
08/12/2021	9:11:33	78775.52	394740.25	37.81	Soil	10,380	-0.04
08/12/2021	9:11:34	78775.36	394740.26	37.81	Soil	11,340	0.62
08/12/2021	9:11:35	78775.34	394740.14	37.85	Soil	10,740	0.21
08/12/2021	9:11:36	78775.15	394740.08	37.92	Soil	10,920	0.33
08/12/2021	9:11:37	78775.29	394740.09	37.82	Soil	9,180	-0.86
08/12/2021	9:11:38	78775.82	394740.31	37.61	Soil	10,800	0.25
08/12/2021	9:11:39	78775.96	394740.45	37.78	Soil	10,860	0.29
08/12/2021	9:11:40	78776.14	394740.64	37.79	Soil	9,780	-0.45
08/12/2021	9:11:41	78776.19	394740.90	37.79	Soil	9,900	-0.37
08/12/2021	9:11:41	78776.09	394741.17	37.84	Soil	9,660	-0.53
08/12/2021	9:11:43	78775.86	394741.42	38.07	Soil	9,900	-0.37
08/12/2021	9:11:43	78775.89	394741.41	38.05	Soil	10,980	0.37
08/12/2021	9:11:45	78776.15	394740.93	37.82	Soil	11,400	0.66
08/12/2021	9:11:46	78776.71	394741.09	37.72	Soil	11,100	0.45
08/12/2021	9:11:47	78776.61	394741.38	38.00	Soil	9,600	-0.57
08/12/2021	9:11:48	78776.64	394741.07	38.00	Soil	10,740	0.21
08/12/2021	9:11:49	78775.99	394740.81	38.31	Soil	10,740	0.21
08/12/2021	9:11:49	78775.62	394741.31	38.48	Soil	11,220	0.54
08/12/2021	9:11:51	78775.50	394741.33	38.48	Soil	10,500	0.04
08/12/2021	9:11:51	78775.62	394741.48	38.48	Soil	10,440	0.00
08/12/2021	9:11:53	78775.91	394741.46	38.27	Soil	10,080	-0.24
08/12/2021	9:11:53	78776.02	394741.29	38.23	Soil	11,880	0.99

SU 7B GWS RESULTS

08/12/2021	9:11:55	78776.29	394741.08	37.89	Soil	9,780	-0.45
08/12/2021	9:11:56	78776.47	394740.91	37.85	Soil	10,560	0.09
08/12/2021	9:11:57	78776.52	394740.72	37.85	Soil	9,840	-0.41
08/12/2021	9:11:58	78776.52	394740.54	37.71	Soil	9,120	-0.90
08/12/2021	9:11:58	78776.60	394740.40	37.44	Soil	10,920	0.33
08/12/2021	9:12:00	78776.66	394740.35	37.34	Soil	10,980	0.37
08/12/2021	9:12:00	78776.76	394740.34	37.34	Soil	11,640	0.82
08/12/2021	9:12:01	78776.62	394740.68	37.51	Soil	11,760	0.91
08/12/2021	9:12:02	78776.74	394740.94	37.63	Soil	8,760	-1.15
08/12/2021	9:12:04	78776.57	394741.29	37.78	Soil	11,280	0.58
08/12/2021	9:12:04	78776.13	394741.30	38.18	Soil	10,680	0.17
08/12/2021	9:12:05	78775.69	394741.23	38.18	Soil	11,340	0.62
08/12/2021	9:12:06	78775.40	394741.31	38.38	Soil	10,860	0.29
08/12/2021	9:12:07	78775.03	394741.46	38.44	Soil	13,020	1.77
08/12/2021	9:12:08	78774.46	394741.59	39.12	Soil	11,280	0.58
08/12/2021	9:12:09	78774.08	394741.89	39.12	Soil	11,520	0.74
08/12/2021	9:12:10	78773.70	394742.03	39.19	Soil	10,140	-0.20
08/12/2021	9:12:11	78773.26	394741.94	39.19	Soil	12,360	1.32
08/12/2021	9:12:12	78773.15	394741.96	39.12	Soil	10,920	0.33
08/12/2021	9:12:13	78773.18	394742.16	39.10	Soil	12,660	1.52
08/12/2021	9:12:14	78773.40	394742.91	39.32	Soil	11,100	0.45
08/12/2021	9:12:15	78773.62	394743.32	39.34	Soil	11,160	0.50
08/12/2021	9:12:16	78773.77	394743.62	39.31	Soil	9,540	-0.61
08/12/2021	9:12:17	78774.22	394743.40	39.21	Soil	11,880	0.99
08/12/2021	9:12:18	78774.23	394743.58	39.21	Soil	10,860	0.29
08/12/2021	9:12:19	78774.12	394743.72	39.22	Soil	9,540	-0.61
08/12/2021	9:12:20	78773.83	394743.86	39.26	Soil	13,080	1.81
08/12/2021	9:12:21	78774.16	394743.97	39.25	Soil	9,960	-0.32
08/12/2021	9:12:22	78774.25	394744.01	39.20	Soil	12,300	1.28
08/12/2021	9:12:23	78774.27	394744.13	39.15	Soil	11,100	0.45
08/12/2021	9:12:24	78774.47	394744.23	39.10	Soil	10,380	-0.04
08/12/2021	9:12:25	78774.31	394744.43	39.01	Soil	11,280	0.58
08/12/2021	9:12:26	78774.48	394744.53	38.86	Soil	11,160	0.50
08/12/2021	9:12:27	78774.48	394744.55	38.78	Soil	11,580	0.78
08/12/2021	9:12:28	78774.45	394744.55	38.82	Soil	11,400	0.66
08/12/2021	9:12:29	78774.70	394744.28	38.92	Soil	11,340	0.62
08/12/2021	9:12:30	78775.03	394744.30	38.79	Soil	9,900	-0.37
08/12/2021	9:12:31	78774.99	394744.72	38.79	Soil	11,340	0.62
08/12/2021	9:12:32	78775.08	394744.77	38.98	Soil	11,160	0.50
08/12/2021	9:12:33	78774.98	394744.74	38.72	Soil	9,960	-0.32
08/12/2021	9:12:34	78774.66	394744.71	39.11	Soil	10,980	0.37
08/12/2021	9:12:35	78774.09	394744.79	39.09	Soil	9,960	-0.32
08/12/2021	9:12:40	78774.93	394745.51	39.58	Soil	11,340	0.62
08/12/2021	9:12:41	78774.78	394745.28	39.56	Soil	10,500	0.04
08/12/2021	9:12:42	78774.96	394745.32	39.77	Soil	10,440	0.00
08/12/2021	9:12:43	78775.27	394745.80	39.82	Soil	11,220	0.54
08/12/2021	9:12:44	78775.46	394746.19	39.76	Soil	12,120	1.15
08/12/2021	9:12:45	78775.64	394745.94	39.73	Soil	11,700	0.87
08/12/2021	9:12:46	78775.86	394746.18	39.76	Soil	13,320	1.97
08/12/2021	9:12:47	78775.91	394746.21	39.73	Soil	12,660	1.52
08/12/2021	9:12:48	78775.97	394746.45	39.85	Soil	13,380	2.01

SU 7B GWS RESULTS

08/12/2021	9:12:49	78776.24	394746.39	39.85	Soil	14,040	2.47
08/12/2021	9:12:50	78776.22	394746.01	39.74	Soil	12,000	1.07
08/12/2021	9:12:51	78776.17	394745.84	39.68	Soil	11,160	0.50
08/12/2021	9:12:52	78775.92	394745.78	39.54	Soil	11,460	0.70
08/12/2021	9:12:53	78775.99	394745.66	39.35	Soil	11,220	0.54
08/12/2021	9:12:54	78775.61	394745.54	39.22	Soil	11,280	0.58
08/12/2021	9:12:55	78775.50	394745.63	39.39	Soil	12,180	1.19
08/12/2021	9:12:56	78775.56	394745.75	39.55	Soil	11,640	0.82
08/12/2021	9:12:57	78776.03	394745.81	39.61	Soil	13,560	2.14
08/12/2021	9:12:58	78776.48	394745.94	39.61	Soil	12,480	1.40
08/12/2021	9:12:59	78776.56	394745.96	39.66	Soil	12,300	1.28
08/12/2021	9:13:00	78776.71	394746.38	39.82	Soil	12,540	1.44
08/12/2021	9:13:01	78776.65	394746.62	39.90	Soil	11,640	0.82
08/12/2021	9:13:02	78776.48	394746.58	40.08	Soil	13,380	2.01
08/12/2021	9:13:03	78776.31	394746.61	40.15	Soil	10,080	-0.24
08/12/2021	9:13:04	78776.14	394746.63	40.14	Soil	11,880	0.99
08/12/2021	9:13:05	78776.08	394746.83	40.14	Soil	12,060	1.11
08/12/2021	9:13:06	78776.09	394746.94	40.14	Soil	12,900	1.69
08/12/2021	9:13:08	78776.43	394746.98	40.18	Soil	10,920	0.33
08/12/2021	9:13:08	78776.61	394747.19	40.08	Soil	9,480	-0.65
08/12/2021	9:13:09	78776.73	394747.24	40.11	Soil	10,800	0.25
08/12/2021	9:13:10	78776.85	394747.20	40.05	Soil	10,320	-0.08
08/12/2021	9:13:11	78776.97	394747.40	40.03	Soil	10,200	-0.16
08/12/2021	9:13:12	78777.25	394747.31	40.03	Soil	9,840	-0.41
08/12/2021	9:13:13	78777.32	394747.61	40.01	Soil	12,240	1.23
08/12/2021	9:13:14	78777.48	394747.54	40.10	Soil	10,200	-0.16
08/12/2021	9:13:15	78777.55	394747.85	40.09	Soil	11,100	0.45
08/12/2021	9:13:16	78777.83	394747.72	40.13	Soil	11,820	0.95
08/12/2021	9:13:17	78777.90	394747.94	40.10	Soil	9,960	-0.32
08/12/2021	9:13:18	78778.06	394747.81	40.02	Soil	12,780	1.60
08/12/2021	9:13:19	78777.91	394747.66	40.02	Soil	11,280	0.58
08/12/2021	9:13:20	78778.04	394747.99	40.03	Soil	12,060	1.11
08/12/2021	9:13:21	78777.96	394748.34	40.02	Soil	12,180	1.19
08/12/2021	9:13:22	78777.80	394748.35	40.02	Soil	12,360	1.32
08/12/2021	9:13:23	78777.49	394748.15	40.04	Soil	12,360	1.32
08/12/2021	9:13:24	78777.27	394747.97	40.03	Soil	12,000	1.07
08/12/2021	9:13:25	78777.09	394747.97	39.97	Soil	11,100	0.45
08/12/2021	9:13:29	78776.30	394747.39	39.84	Soil	10,560	0.09
08/12/2021	9:13:30	78776.53	394747.46	39.90	Soil	9,780	-0.45
08/12/2021	9:13:31	78776.77	394747.42	39.91	Soil	11,340	0.62
08/12/2021	9:13:32	78777.07	394747.46	39.92	Soil	10,020	-0.28
08/12/2021	9:13:33	78777.27	394747.35	39.91	Soil	11,040	0.41
08/12/2021	9:13:34	78777.31	394747.14	39.87	Soil	10,980	0.37
08/12/2021	9:13:35	78777.25	394747.01	40.08	Soil	10,800	0.25
08/12/2021	9:13:36	78777.21	394747.01	40.04	Soil	11,700	0.87
08/12/2021	9:13:37	78777.62	394746.81	40.04	Soil	11,580	0.78
08/12/2021	9:13:38	78777.53	394746.52	39.99	Soil	12,240	1.23
08/12/2021	9:13:39	78777.64	394746.34	40.04	Soil	12,360	1.32
08/12/2021	9:13:40	78777.61	394746.11	39.93	Soil	12,360	1.32
08/12/2021	9:13:41	78777.66	394745.93	39.98	Soil	10,020	-0.28
08/12/2021	9:13:42	78777.65	394745.79	40.02	Soil	11,160	0.50

SU 7B GWS RESULTS

08/12/2021	9:13:43	78777.70	394745.59	40.07	Soil	11,580	0.78
08/12/2021	9:13:44	78777.35	394745.49	39.96	Soil	9,660	-0.53
08/12/2021	9:13:45	78777.21	394745.74	39.84	Soil	9,840	-0.41
08/12/2021	9:13:46	78777.18	394746.21	39.93	Soil	12,060	1.11
08/12/2021	9:13:47	78776.93	394746.02	39.90	Soil	12,300	1.28
08/12/2021	9:13:48	78776.89	394745.92	39.75	Soil	12,480	1.40
08/12/2021	9:13:49	78776.82	394746.06	39.74	Soil	12,720	1.56
08/12/2021	9:13:50	78776.83	394745.66	39.53	Soil	12,780	1.60
08/12/2021	9:13:51	78776.66	394745.87	39.60	Soil	12,360	1.32
08/12/2021	9:13:52	78776.76	394746.29	39.73	Soil	11,340	0.62
08/12/2021	9:13:53	78776.52	394746.07	39.65	Soil	11,580	0.78
08/12/2021	9:13:54	78776.40	394746.25	39.70	Soil	10,620	0.13
08/12/2021	9:13:55	78776.30	394746.19	39.69	Soil	11,760	0.91
08/12/2021	9:13:56	78775.99	394746.21	39.74	Soil	9,720	-0.49
08/12/2021	9:13:57	78775.82	394746.16	39.77	Soil	13,620	2.18
08/12/2021	9:13:58	78775.48	394746.11	39.76	Soil	12,300	1.28
08/12/2021	9:13:59	78775.20	394746.10	39.79	Soil	11,820	0.95
08/12/2021	9:14:00	78775.02	394745.95	39.82	Soil	12,120	1.15
08/12/2021	9:14:06	78775.60	394746.65	40.12	Soil	10,560	0.09
08/12/2021	9:14:07	78775.69	394746.73	40.17	Soil	12,000	1.07
08/12/2021	9:14:08	78775.87	394746.66	40.16	Soil	11,820	0.95
08/12/2021	9:14:09	78775.99	394746.84	40.12	Soil	12,060	1.11
08/12/2021	9:14:10	78776.24	394746.94	40.08	Soil	10,800	0.25
08/12/2021	9:14:11	78776.47	394747.17	40.09	Soil	12,540	1.44
08/12/2021	9:14:12	78776.63	394747.21	40.04	Soil	10,500	0.04
08/12/2021	9:14:13	78776.70	394747.45	40.05	Soil	10,320	-0.08
08/12/2021	9:14:14	78776.82	394747.61	39.99	Soil	10,380	-0.04
08/12/2021	9:14:15	78777.07	394747.68	40.05	Soil	11,220	0.54
08/12/2021	9:14:16	78777.23	394747.52	40.02	Soil	12,120	1.15
08/12/2021	9:14:17	78777.21	394747.17	39.99	Soil	10,740	0.21
08/12/2021	9:14:18	78777.20	394747.01	39.88	Soil	11,940	1.03
08/12/2021	9:14:19	78777.08	394746.75	39.86	Soil	9,540	-0.61
08/12/2021	9:14:20	78777.23	394746.63	39.81	Soil	12,660	1.52
08/12/2021	9:14:21	78777.26	394746.48	39.83	Soil	10,320	-0.08
08/12/2021	9:14:22	78777.38	394746.38	39.79	Soil	12,300	1.28
08/12/2021	9:14:23	78777.51	394746.10	39.80	Soil	11,820	0.95
08/12/2021	9:14:24	78777.61	394745.87	39.83	Soil	9,480	-0.65
08/12/2021	9:14:25	78777.67	394745.74	39.77	Soil	12,180	1.19
08/12/2021	9:14:26	78777.93	394745.78	39.77	Soil	11,280	0.58
08/12/2021	9:14:27	78778.03	394745.77	39.76	Soil	9,840	-0.41
08/12/2021	9:14:28	78778.09	394745.91	39.64	Soil	10,740	0.21
08/12/2021	9:14:29	78777.99	394745.69	39.74	Soil	10,320	-0.08
08/12/2021	9:14:30	78777.67	394745.44	39.68	Soil	14,640	2.88
08/12/2021	9:14:31	78777.43	394745.50	39.68	Soil	13,860	2.34
08/12/2021	9:14:32	78777.41	394745.74	39.57	Soil	11,700	0.87
08/12/2021	9:14:33	78777.36	394745.73	39.60	Soil	10,920	0.33
08/12/2021	9:14:34	78777.29	394745.41	39.59	Soil	10,020	-0.28
08/12/2021	9:14:35	78777.33	394745.15	39.55	Soil	10,380	-0.04
08/12/2021	9:14:36	78777.35	394745.20	39.56	Soil	10,260	-0.12
08/12/2021	9:14:37	78777.29	394745.55	39.54	Soil	10,860	0.29
08/12/2021	9:14:38	78777.24	394745.71	39.48	Soil	11,280	0.58

SU 7B GWS RESULTS

08/12/2021	9:14:39	78777.09	394745.91	39.43	Soil	14,640	2.88
08/12/2021	9:14:40	78776.82	394746.22	39.51	Soil	11,340	0.62
08/12/2021	9:14:41	78776.61	394746.39	39.53	Soil	10,680	0.17
08/12/2021	9:14:42	78776.78	394746.49	39.52	Soil	10,500	0.04
08/12/2021	9:14:43	78776.85	394746.49	39.48	Soil	11,160	0.50
08/12/2021	9:14:44	78776.93	394746.55	39.34	Soil	10,440	0.00
08/12/2021	9:14:45	78776.58	394746.58	39.34	Soil	11,700	0.87
08/12/2021	9:14:46	78776.57	394746.62	39.32	Soil	11,940	1.03
08/12/2021	9:14:47	78776.34	394746.49	39.25	Soil	13,200	1.89
08/12/2021	9:14:48	78776.26	394746.68	39.33	Soil	11,160	0.50
08/12/2021	9:14:49	78776.09	394746.47	39.26	Soil	11,820	0.95
08/12/2021	9:14:50	78775.94	394746.69	39.29	Soil	12,600	1.48
08/12/2021	9:14:51	78775.88	394746.65	39.21	Soil	11,640	0.82
08/12/2021	9:14:52	78775.78	394746.47	39.29	Soil	12,060	1.11
08/12/2021	9:14:53	78775.55	394746.35	39.11	Soil	13,080	1.81
08/12/2021	9:14:54	78775.24	394746.23	39.17	Soil	12,540	1.44
08/12/2021	9:14:55	78775.40	394746.05	39.06	Soil	11,040	0.41
08/12/2021	9:14:57	78775.03	394745.73	39.08	Soil	11,100	0.45
08/12/2021	9:15:02	78775.51	394746.37	38.98	Soil	10,800	0.25
08/12/2021	9:15:03	78775.79	394746.16	38.98	Soil	11,580	0.78
08/12/2021	9:15:04	78775.78	394745.85	38.88	Soil	11,820	0.95
08/12/2021	9:15:05	78776.04	394745.87	38.92	Soil	11,580	0.78
08/12/2021	9:15:06	78776.17	394745.71	38.94	Soil	12,720	1.56
08/12/2021	9:15:07	78776.33	394745.58	38.93	Soil	10,980	0.37
08/12/2021	9:15:08	78776.38	394745.37	38.70	Soil	11,100	0.45
08/12/2021	9:15:09	78776.59	394745.18	38.58	Soil	11,280	0.58
08/12/2021	9:15:10	78776.53	394745.51	38.94	Soil	10,980	0.37
08/12/2021	9:15:11	78777.12	394745.55	39.09	Soil	10,500	0.04
08/12/2021	9:15:12	78776.99	394745.14	38.80	Soil	12,600	1.48
08/12/2021	9:15:13	78777.16	394744.97	38.58	Soil	11,940	1.03
08/12/2021	9:15:14	78777.00	394744.98	38.59	Soil	12,900	1.69
08/12/2021	9:15:15	78776.92	394745.05	38.62	Soil	11,580	0.78
08/12/2021	9:15:16	78777.22	394744.98	38.65	Soil	11,640	0.82
08/12/2021	9:15:17	78777.16	394745.32	38.83	Soil	10,260	-0.12
08/12/2021	9:15:18	78777.15	394745.44	38.94	Soil	12,720	1.56
08/12/2021	9:15:19	78777.45	394745.67	39.06	Soil	10,980	0.37
08/12/2021	9:15:20	78777.36	394745.67	39.16	Soil	13,800	2.30
08/12/2021	9:15:21	78776.24	394745.49	39.20	Soil	10,800	0.25
08/12/2021	9:15:22	78774.97	394745.68	39.42	Soil	11,400	0.66
08/12/2021	9:15:25	78774.49	394744.77	38.86	Soil	11,820	0.95
08/12/2021	9:15:26	78775.33	394744.54	38.93	Soil	9,780	-0.45
08/12/2021	9:15:27	78775.93	394744.60	38.67	Soil	11,400	0.66
08/12/2021	9:15:28	78776.44	394744.59	38.83	Soil	11,100	0.45
08/12/2021	9:15:29	78776.68	394744.63	38.36	Soil	10,800	0.25
08/12/2021	9:15:30	78776.61	394744.59	38.23	Soil	12,060	1.11
08/12/2021	9:15:31	78776.70	394744.62	38.17	Soil	11,820	0.95
08/12/2021	9:15:32	78776.81	394744.73	38.14	Soil	10,560	0.09
08/12/2021	9:15:33	78776.91	394744.77	38.40	Soil	10,620	0.13
08/12/2021	9:15:34	78776.90	394744.83	38.29	Soil	11,280	0.58
08/12/2021	9:15:35	78776.98	394744.81	38.20	Soil	11,760	0.91
08/12/2021	9:15:36	78777.30	394744.74	38.10	Soil	10,800	0.25

SU 7B GWS RESULTS

08/12/2021	9:15:37	78777.42	394744.77	37.99	Soil	10,140	-0.20
08/12/2021	9:15:38	78777.68	394744.75	38.04	Soil	10,980	0.37
08/12/2021	9:15:39	78777.80	394744.70	38.00	Soil	11,520	0.74
08/12/2021	9:15:40	78777.80	394744.62	37.95	Soil	10,440	0.00
08/12/2021	9:15:41	78777.74	394744.61	37.92	Soil	11,340	0.62
08/12/2021	9:15:42	78777.92	394744.79	38.16	Soil	10,860	0.29
08/12/2021	9:15:43	78778.10	394744.97	38.38	Soil	11,520	0.74
08/12/2021	9:15:44	78778.05	394745.07	38.42	Soil	10,320	-0.08
08/12/2021	9:15:45	78778.07	394745.15	38.39	Soil	10,800	0.25
08/12/2021	9:15:46	78778.14	394745.18	38.37	Soil	10,440	0.00
08/12/2021	9:15:47	78778.24	394745.08	38.44	Soil	10,380	-0.04
08/12/2021	9:15:48	78778.21	394745.05	38.52	Soil	10,320	-0.08
08/12/2021	9:15:49	78778.26	394744.90	38.41	Soil	10,020	-0.28
08/12/2021	9:15:50	78778.48	394744.93	38.45	Soil	9,900	-0.37
08/12/2021	9:15:51	78778.52	394744.93	38.45	Soil	11,460	0.70
08/12/2021	9:15:52	78778.74	394744.93	38.37	Soil	11,040	0.41
08/12/2021	9:15:53	78778.80	394744.93	38.34	Soil	9,360	-0.74
08/12/2021	9:15:54	78778.44	394744.74	37.63	Soil	10,320	-0.08
08/12/2021	9:15:55	78778.74	394744.76	37.24	Soil	9,120	-0.90
08/12/2021	9:15:56	78778.70	394744.71	37.23	Soil	11,100	0.45
08/12/2021	9:15:57	78778.64	394744.73	37.26	Soil	10,680	0.17
08/12/2021	9:15:58	78778.17	394744.39	37.41	Soil	9,240	-0.82
08/12/2021	9:15:59	78777.87	394744.41	37.59	Soil	10,380	-0.04
08/12/2021	9:16:00	78777.28	394744.51	37.76	Soil	10,440	0.00
08/12/2021	9:16:01	78776.55	394744.95	38.15	Soil	10,260	-0.12
08/12/2021	9:16:02	78776.27	394745.01	38.33	Soil	11,580	0.78
08/12/2021	9:16:03	78776.22	394744.96	38.39	Soil	10,140	-0.20
08/12/2021	9:16:04	78776.16	394744.88	38.37	Soil	11,820	0.95
08/12/2021	9:16:05	78775.52	394744.70	38.81	Soil	11,340	0.62
08/12/2021	9:16:06	78775.84	394744.72	38.47	Soil	11,520	0.74
08/12/2021	9:16:07	78775.36	394744.31	38.75	Soil	11,040	0.41
08/12/2021	9:16:08	78774.25	394744.53	38.94	Soil	11,520	0.74
08/12/2021	9:16:16	78775.25	394746.16	40.21	Soil	12,540	1.44
08/12/2021	9:16:17	78775.47	394746.23	40.14	Soil	11,520	0.74
08/12/2021	9:16:18	78775.67	394746.27	40.12	Soil	11,220	0.54
08/12/2021	9:16:19	78775.85	394746.27	40.10	Soil	14,040	2.47
08/12/2021	9:16:20	78775.82	394746.26	40.04	Soil	12,900	1.69
08/12/2021	9:16:21	78776.05	394746.33	40.13	Soil	9,780	-0.45
08/12/2021	9:16:22	78776.25	394746.42	39.92	Soil	12,480	1.40
08/12/2021	9:16:23	78776.65	394746.43	39.91	Soil	10,860	0.29
08/12/2021	9:16:24	78777.06	394746.27	39.96	Soil	12,000	1.07
08/12/2021	9:16:25	78777.33	394746.16	39.96	Soil	10,320	-0.08
08/12/2021	9:16:26	78777.52	394745.94	40.11	Soil	10,200	-0.16
08/12/2021	9:16:27	78777.69	394745.77	40.19	Soil	10,920	0.33
08/12/2021	9:16:28	78777.96	394745.67	40.24	Soil	10,140	-0.20
08/12/2021	9:16:29	78778.26	394745.53	40.37	Soil	11,580	0.78
08/12/2021	9:16:30	78778.51	394745.40	40.27	Soil	11,340	0.62
08/12/2021	9:16:31	78778.67	394745.35	40.23	Soil	10,920	0.33
08/12/2021	9:16:32	78778.79	394745.45	40.20	Soil	10,080	-0.24
08/12/2021	9:16:33	78778.79	394745.77	40.20	Soil	10,440	0.00
08/12/2021	9:16:34	78778.70	394746.01	40.23	Soil	10,920	0.33

SU 7B GWS RESULTS

08/12/2021	9:16:35	78778.56	394746.13	40.24	Soil	10,680	0.17
08/12/2021	9:16:36	78778.40	394746.22	40.21	Soil	12,060	1.11
08/12/2021	9:16:37	78778.25	394746.19	40.24	Soil	13,080	1.81
08/12/2021	9:16:38	78778.17	394746.29	40.27	Soil	12,900	1.69
08/12/2021	9:16:39	78778.18	394746.34	40.29	Soil	11,700	0.87
08/12/2021	9:16:40	78778.21	394746.51	40.33	Soil	11,760	0.91
08/12/2021	9:16:41	78778.23	394746.69	40.35	Soil	10,860	0.29
08/12/2021	9:16:42	78778.15	394746.79	40.36	Soil	10,620	0.13
08/12/2021	9:16:43	78777.93	394746.71	40.41	Soil	12,780	1.60
08/12/2021	9:16:44	78777.92	394746.87	40.38	Soil	9,900	-0.37
08/12/2021	9:16:45	78778.00	394747.05	40.37	Soil	9,720	-0.49
08/12/2021	9:16:46	78777.98	394747.25	40.38	Soil	9,000	-0.98
08/12/2021	9:16:47	78777.72	394747.15	40.41	Soil	11,040	0.41
08/12/2021	9:16:48	78777.56	394747.22	40.38	Soil	9,600	-0.57
08/12/2021	9:16:49	78777.47	394747.36	40.46	Soil	11,160	0.50
08/12/2021	9:16:50	78777.28	394747.82	40.51	Soil	10,860	0.29
08/12/2021	9:16:56	78779.07	394748.76	39.57	Soil	10,380	-0.04
08/12/2021	9:16:57	78778.95	394748.52	39.32	Soil	13,380	2.01
08/12/2021	9:16:58	78779.02	394748.45	39.28	Soil	10,080	-0.24
08/12/2021	9:16:59	78779.03	394748.39	39.27	Soil	11,880	0.99
08/12/2021	9:17:00	78779.02	394748.19	39.26	Soil	13,920	2.38
08/12/2021	9:17:01	78779.07	394748.30	39.05	Soil	9,480	-0.65
08/12/2021	9:17:02	78779.05	394748.35	39.05	Soil	11,880	0.99
08/12/2021	9:17:03	78779.08	394748.13	39.18	Soil	11,640	0.82
08/12/2021	9:17:04	78779.43	394748.00	39.10	Soil	14,040	2.47
08/12/2021	9:17:05	78779.51	394747.98	39.01	Soil	12,720	1.56
08/12/2021	9:17:06	78779.61	394747.97	38.72	Soil	12,960	1.73
08/12/2021	9:17:07	78779.58	394747.90	38.69	Soil	13,440	2.06
08/12/2021	9:17:08	78779.68	394747.70	38.61	Soil	12,180	1.19
08/12/2021	9:17:09	78779.78	394747.56	38.51	Soil	10,680	0.17
08/12/2021	9:17:10	78779.59	394747.63	38.41	Soil	10,980	0.37
08/12/2021	9:17:11	78779.38	394747.75	38.44	Soil	12,840	1.65
08/12/2021	9:17:12	78779.35	394747.84	38.44	Soil	10,620	0.13
08/12/2021	9:17:13	78779.49	394747.91	38.24	Soil	11,580	0.78
08/12/2021	9:17:14	78779.44	394747.99	38.21	Soil	10,860	0.29
08/12/2021	9:17:15	78779.44	394747.98	38.13	Soil	11,760	0.91
08/12/2021	9:17:16	78779.43	394748.00	38.16	Soil	12,540	1.44
08/12/2021	9:17:17	78779.35	394747.72	38.39	Soil	11,340	0.62
08/12/2021	9:17:18	78779.08	394747.55	38.74	Soil	11,460	0.70
08/12/2021	9:17:19	78778.78	394747.67	38.56	Soil	12,360	1.32
08/12/2021	9:17:20	78778.66	394747.71	38.47	Soil	11,880	0.99
08/12/2021	9:17:21	78778.66	394747.54	38.48	Soil	12,660	1.52
08/12/2021	9:17:22	78778.64	394747.46	38.50	Soil	11,640	0.82
08/12/2021	9:17:23	78778.64	394747.39	38.52	Soil	12,060	1.11
08/12/2021	9:17:24	78778.61	394747.39	38.51	Soil	12,000	1.07
08/12/2021	9:17:25	78778.57	394747.41	38.49	Soil	12,480	1.40
08/12/2021	9:17:26	78778.57	394747.46	38.50	Soil	10,080	-0.24
08/12/2021	9:17:27	78778.80	394747.34	38.38	Soil	11,520	0.74
08/12/2021	9:17:28	78778.81	394747.46	38.23	Soil	10,980	0.37
08/12/2021	9:17:29	78778.98	394747.57	38.02	Soil	12,420	1.36
08/12/2021	9:17:30	78779.03	394747.84	37.94	Soil	11,280	0.58

SU 7B GWS RESULTS

08/12/2021	9:17:31	78779.21	394747.88	37.92	Soil	12,600	1.48
08/12/2021	9:17:32	78779.57	394747.79	37.90	Soil	11,340	0.62
08/12/2021	9:17:33	78779.75	394747.35	37.99	Soil	13,500	2.10
08/12/2021	9:17:34	78778.82	394746.72	38.64	Soil	11,400	0.66
08/12/2021	9:17:35	78778.57	394746.59	38.65	Soil	12,900	1.69
08/12/2021	9:17:36	78778.81	394746.59	38.58	Soil	11,700	0.87
08/12/2021	9:17:37	78778.84	394746.60	38.66	Soil	12,120	1.15
08/12/2021	9:17:38	78778.81	394746.81	38.76	Soil	10,080	-0.24
08/12/2021	9:17:39	78778.74	394746.99	38.62	Soil	10,380	-0.04
08/12/2021	9:17:40	78778.70	394747.04	38.48	Soil	12,660	1.52
08/12/2021	9:17:41	78778.76	394746.98	38.29	Soil	12,360	1.32
08/12/2021	9:17:42	78778.87	394746.94	38.16	Soil	12,660	1.52
08/12/2021	9:17:43	78778.88	394746.84	38.19	Soil	11,640	0.82
08/12/2021	9:17:44	78778.73	394746.79	38.35	Soil	10,980	0.37
08/12/2021	9:17:45	78778.64	394746.72	38.35	Soil	11,400	0.66
08/12/2021	9:17:46	78778.66	394746.73	38.34	Soil	11,460	0.70
08/12/2021	9:17:47	78778.64	394746.82	38.37	Soil	12,660	1.52
08/12/2021	9:17:48	78778.69	394746.98	38.46	Soil	11,700	0.87
08/12/2021	9:17:49	78778.64	394747.22	38.52	Soil	12,480	1.40
08/12/2021	9:17:50	78778.62	394747.37	38.51	Soil	12,060	1.11
08/12/2021	9:17:51	78778.60	394747.51	38.51	Soil	10,980	0.37
08/12/2021	9:17:52	78778.54	394747.67	38.47	Soil	11,820	0.95
08/12/2021	9:17:53	78778.48	394747.74	38.32	Soil	11,460	0.70
08/12/2021	9:17:54	78778.49	394747.75	38.32	Soil	11,460	0.70
08/12/2021	9:17:55	78778.56	394748.00	38.40	Soil	12,360	1.32
08/12/2021	9:17:56	78778.55	394748.10	38.53	Soil	9,900	-0.37
08/12/2021	9:17:57	78778.60	394748.15	38.60	Soil	12,660	1.52
08/12/2021	9:17:58	78778.55	394748.18	38.60	Soil	11,880	0.99
08/12/2021	9:17:59	78778.51	394748.16	38.60	Soil	12,180	1.19
08/12/2021	9:18:00	78778.56	394748.34	38.58	Soil	11,700	0.87
08/12/2021	9:18:01	78778.59	394748.44	38.59	Soil	9,600	-0.57
08/12/2021	9:18:02	78778.62	394748.50	38.52	Soil	11,400	0.66
08/12/2021	9:18:03	78778.66	394748.52	38.49	Soil	10,620	0.13
08/12/2021	9:18:04	78778.62	394748.62	38.48	Soil	12,660	1.52
08/12/2021	9:18:05	78778.64	394748.72	38.48	Soil	12,360	1.32
08/12/2021	9:18:06	78778.64	394748.82	38.48	Soil	9,900	-0.37
08/12/2021	9:18:07	78778.69	394748.91	38.45	Soil	11,400	0.66
08/12/2021	9:18:08	78778.68	394748.93	38.48	Soil	10,740	0.21
08/12/2021	9:18:09	78778.66	394749.00	38.49	Soil	13,620	2.18
08/12/2021	9:18:10	78778.76	394748.67	38.33	Soil	12,840	1.65
08/12/2021	9:18:11	78778.70	394748.71	38.26	Soil	11,820	0.95
08/12/2021	9:18:12	78778.65	394748.69	38.67	Soil	11,520	0.74
08/12/2021	9:18:13	78778.67	394748.66	38.68	Soil	10,260	-0.12
08/12/2021	9:18:14	78778.75	394748.68	38.63	Soil	11,580	0.78
08/12/2021	9:18:15	78778.74	394748.67	38.47	Soil	10,560	0.09
08/12/2021	9:18:16	78778.66	394748.80	38.39	Soil	12,180	1.19
08/12/2021	9:18:17	78778.66	394748.89	38.56	Soil	13,320	1.97
08/12/2021	9:18:18	78778.65	394749.01	38.58	Soil	12,060	1.11
08/12/2021	9:18:19	78778.63	394749.23	38.59	Soil	13,020	1.77
08/12/2021	9:18:20	78778.63	394749.15	38.54	Soil	13,740	2.26
08/12/2021	9:18:21	78778.68	394748.81	38.58	Soil	12,000	1.07

SU 7B GWS RESULTS

08/12/2021	9:18:22	78778.71	394748.54	38.60	Soil	13,260	1.93
08/12/2021	9:18:23	78778.76	394748.32	38.57	Soil	12,780	1.60
08/12/2021	9:18:24	78778.98	394748.21	38.63	Soil	11,580	0.78
08/12/2021	9:18:25	78779.22	394748.23	38.63	Soil	10,620	0.13
08/12/2021	9:18:26	78779.30	394748.22	38.65	Soil	11,820	0.95
08/12/2021	9:18:27	78779.34	394748.26	38.81	Soil	10,680	0.17
08/12/2021	9:18:28	78779.45	394748.23	38.90	Soil	11,340	0.62
08/12/2021	9:18:29	78779.58	394748.14	38.93	Soil	10,680	0.17
08/12/2021	9:18:30	78779.73	394748.12	38.95	Soil	12,960	1.73
08/12/2021	9:18:31	78779.98	394748.10	38.99	Soil	11,820	0.95
08/12/2021	9:18:32	78780.03	394748.06	39.04	Soil	11,880	0.99
08/12/2021	9:18:33	78779.84	394747.78	39.05	Soil	12,900	1.69
08/12/2021	9:18:34	78779.69	394747.71	39.06	Soil	11,040	0.41
08/12/2021	9:18:35	78779.55	394747.80	39.01	Soil	12,180	1.19
08/12/2021	9:18:36	78779.62	394747.83	39.00	Soil	12,600	1.48
08/12/2021	9:38:12	78780.85	394730.99	36.00	Soil	9,120	-0.90
08/12/2021	9:38:13	78781.15	394731.00	35.89	Soil	11,100	0.45
08/13/2021	9:46:20	78779.13	394731.88	36.14	Soil	11,400	0.66
08/13/2021	9:46:21	78779.10	394731.88	36.18	Soil	11,880	0.99
08/13/2021	9:46:22	78779.04	394731.91	36.18	Soil	11,880	0.99
08/13/2021	9:46:23	78778.85	394731.94	36.15	Soil	12,780	1.60
08/13/2021	9:46:24	78778.64	394731.94	36.05	Soil	10,560	0.09
08/13/2021	9:46:25	78778.60	394731.95	36.06	Soil	10,980	0.37
08/13/2021	9:46:26	78778.50	394732.03	36.07	Soil	10,680	0.17
08/13/2021	9:46:27	78778.33	394732.10	35.82	Soil	10,920	0.33
08/13/2021	9:48:02	78778.39	394732.08	36.34	Soil	12,300	1.28
08/13/2021	9:48:03	78778.40	394732.00	36.35	Soil	11,040	0.41
08/13/2021	9:48:04	78778.39	394732.01	36.36	Soil	10,560	0.09
08/13/2021	9:48:05	78778.38	394732.01	36.36	Soil	10,320	-0.08
08/13/2021	9:48:06	78778.38	394732.02	36.33	Soil	11,340	0.62
08/13/2021	9:54:18	78778.45	394731.82	36.31	Soil	9,780	-0.45
08/13/2021	9:54:19	78778.44	394731.82	36.29	Soil	11,160	0.50
08/13/2021	9:54:20	78778.44	394731.81	36.27	Soil	9,960	-0.32
08/13/2021	9:54:21	78778.45	394731.79	36.24	Soil	10,500	0.04
08/13/2021	9:54:22	78778.46	394731.78	36.22	Soil	11,820	0.95
08/13/2021	9:54:23	78778.47	394731.78	36.19	Soil	9,360	-0.74
08/13/2021	9:54:24	78778.50	394731.80	36.18	Soil	9,660	-0.53
08/13/2021	9:58:16	78778.51	394731.87	35.83	Soil	11,460	0.70
08/13/2021	9:58:17	78778.47	394731.86	35.84	Soil	10,740	0.21
08/13/2021	9:58:18	78778.44	394731.85	35.82	Soil	12,360	1.32
08/13/2021	9:58:19	78778.49	394731.85	35.81	Soil	10,680	0.17
08/13/2021	9:58:20	78778.46	394731.84	35.77	Soil	12,660	1.52
08/13/2021	9:58:21	78778.47	394731.84	35.77	Soil	11,040	0.41
08/13/2021	9:58:22	78778.44	394731.86	35.77	Soil	11,340	0.62
08/13/2021	10:21:01	78777.38	394737.48	36.38	Soil	9,420	-0.69
08/13/2021	10:21:02	78777.38	394737.48	36.37	Soil	9,060	-0.94
08/13/2021	10:21:03	78777.38	394737.47	36.36	Soil	9,360	-0.74
08/13/2021	10:21:04	78777.39	394737.48	36.36	Soil	7,860	-1.76
08/13/2021	10:21:05	78777.38	394737.51	36.36	Soil	8,100	-1.60
08/13/2021	10:21:06	78777.34	394737.55	36.34	Soil	10,380	-0.04
08/13/2021	10:21:07	78777.30	394737.60	36.32	Soil	7,980	-1.68

SU 7B GWS RESULTS

08/13/2021	10:23:13	78777.46	394737.38	36.47	Soil	10,080	-0.24
08/13/2021	10:23:14	78777.44	394737.39	36.46	Soil	10,260	-0.12
08/13/2021	10:23:15	78777.43	394737.39	36.46	Soil	11,160	0.50
08/13/2021	10:23:16	78777.41	394737.40	36.46	Soil	9,840	-0.41
08/13/2021	10:23:17	78777.39	394737.41	36.46	Soil	9,000	-0.98
08/13/2021	10:23:18	78777.38	394737.42	36.46	Soil	10,200	-0.16
08/13/2021	10:23:19	78777.37	394737.42	36.46	Soil	9,480	-0.65
08/13/2021	10:32:25	78776.85	394737.53	36.70	Soil	12,780	1.60
08/13/2021	10:32:26	78776.85	394737.50	36.69	Soil	13,740	2.26
08/13/2021	10:32:27	78776.85	394737.48	36.70	Soil	12,720	1.56
08/13/2021	10:32:28	78776.86	394737.48	36.70	Soil	15,180	3.25
08/13/2021	10:32:29	78776.86	394737.47	36.71	Soil	12,900	1.69
08/13/2021	10:32:30	78776.85	394737.46	36.70	Soil	15,300	3.33
08/13/2021	10:34:15	78778.59	394742.63	37.36	Soil	11,700	0.87
08/13/2021	10:34:16	78778.59	394742.63	37.37	Soil	12,660	1.52
08/13/2021	10:34:17	78778.59	394742.63	37.37	Soil	13,140	1.85
08/13/2021	10:34:18	78778.59	394742.63	37.38	Soil	11,520	0.74
08/13/2021	10:34:19	78778.59	394742.63	37.38	Soil	11,760	0.91
08/13/2021	10:34:20	78778.59	394742.63	37.37	Soil	11,220	0.54
08/13/2021	10:34:21	78778.59	394742.63	37.37	Soil	10,740	0.21
08/13/2021	10:34:22	78778.59	394742.63	37.37	Soil	11,460	0.70
08/13/2021	10:34:23	78778.59	394742.63	37.37	Soil	12,300	1.28
08/13/2021	10:34:24	78778.59	394742.64	37.37	Soil	11,100	0.45
08/13/2021	10:34:25	78778.59	394742.64	37.36	Soil	11,760	0.91
08/13/2021	11:05:33	78778.65	394742.59	36.80	Soil	16,320	4.03
08/13/2021	11:05:34	78778.64	394742.58	36.81	Soil	13,560	2.14
08/13/2021	11:05:35	78778.64	394742.57	36.80	Soil	13,680	2.22
08/13/2021	11:05:36	78778.64	394742.57	36.81	Soil	14,280	2.63
08/13/2021	11:05:37	78778.64	394742.56	36.81	Soil	14,580	2.84
08/13/2021	11:05:38	78778.64	394742.55	36.81	Soil	15,360	3.37
08/13/2021	11:05:39	78778.65	394742.55	36.80	Soil	12,180	1.19
08/13/2021	11:05:40	78778.66	394742.54	36.80	Soil	13,560	2.14
08/13/2021	11:05:41	78778.67	394742.53	36.80	Soil	12,120	1.15
08/13/2021	11:14:07	78778.63	394742.73	36.99	Soil	10,440	0.00
08/13/2021	11:14:08	78778.62	394742.72	36.99	Soil	10,380	-0.04
08/13/2021	11:14:09	78778.60	394742.70	36.98	Soil	8,520	-1.31
08/13/2021	11:14:10	78778.58	394742.68	36.96	Soil	12,300	1.28
08/13/2021	11:14:11	78778.57	394742.68	36.96	Soil	10,500	0.04
08/13/2021	11:14:12	78778.56	394742.67	36.94	Soil	11,700	0.87
08/13/2021	11:14:13	78778.56	394742.67	36.93	Soil	11,220	0.54
08/13/2021	11:14:14	78778.57	394742.66	36.92	Soil	12,960	1.73
08/13/2021	11:14:15	78778.57	394742.66	36.91	Soil	10,860	0.29
08/13/2021	11:15:55	78778.54	394742.69	36.56	Soil	12,720	1.56
08/13/2021	11:15:56	78778.55	394742.66	36.55	Soil	11,160	0.50
08/13/2021	11:15:57	78778.57	394742.65	36.53	Soil	10,740	0.21
08/13/2021	11:15:58	78778.56	394742.67	36.52	Soil	12,000	1.07
08/13/2021	11:15:59	78778.55	394742.67	36.52	Soil	12,300	1.28
08/13/2021	11:16:00	78778.54	394742.67	36.51	Soil	12,120	1.15
08/13/2021	11:16:01	78778.55	394742.66	36.51	Soil	12,660	1.52
08/13/2021	11:16:02	78778.56	394742.66	36.52	Soil	12,720	1.56
08/13/2021	11:16:03	78778.55	394742.66	36.53	Soil	12,660	1.52

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08/13/2021	11:16:04	78778.53	394742.65	36.53	Soil	12,060	1.11
08/13/2021	11:16:05	78778.53	394742.66	36.54	Soil	11,940	1.03
08/13/2021	11:16:06	78778.54	394742.67	36.55	Soil	9,360	-0.74
08/13/2021	11:18:31	78778.02	394746.99	38.36	Soil	11,520	0.74
08/13/2021	11:18:32	78778.01	394746.99	38.37	Soil	11,340	0.62
08/13/2021	11:18:33	78778.01	394746.99	38.37	Soil	13,620	2.18
08/13/2021	11:18:34	78778.00	394746.99	38.37	Soil	12,960	1.73
08/13/2021	11:18:35	78778.00	394746.99	38.38	Soil	11,460	0.70
08/13/2021	11:18:36	78778.00	394746.99	38.38	Soil	11,820	0.95
08/13/2021	11:42:05	78779.25	394747.37	37.71	Soil	9,540	-0.61
08/13/2021	11:42:06	78779.20	394747.40	37.71	Soil	9,780	-0.45
08/13/2021	11:42:06	78779.16	394747.44	37.72	Soil	11,460	0.70
08/13/2021	11:42:08	78779.14	394747.43	37.72	Soil	10,500	0.04
08/13/2021	11:42:09	78779.14	394747.42	37.71	Soil	8,760	-1.15
08/13/2021	11:42:10	78779.15	394747.42	37.71	Soil	10,680	0.17
08/13/2021	11:42:10	78779.14	394747.42	37.71	Soil	11,640	0.82
08/13/2021	11:42:11	78779.13	394747.40	37.70	Soil	9,600	-0.57
08/13/2021	11:42:59	78778.88	394747.43	37.44	Soil	10,560	0.09
08/13/2021	11:43:00	78778.88	394747.43	37.42	Soil	10,860	0.29
08/13/2021	11:43:01	78778.87	394747.43	37.42	Soil	9,060	-0.94
08/13/2021	11:43:02	78778.86	394747.43	37.41	Soil	9,840	-0.41
08/13/2021	11:43:03	78778.84	394747.42	37.40	Soil	8,940	-1.02
08/13/2021	11:43:04	78778.82	394747.42	37.38	Soil	9,840	-0.41
08/13/2021	11:43:05	78778.81	394747.42	37.37	Soil	10,200	-0.16
08/13/2021	11:43:06	78778.80	394747.42	37.36	Soil	10,440	0.00
08/13/2021	11:44:35	78779.19	394747.30	37.11	Soil	9,000	-0.98
08/13/2021	11:44:36	78779.19	394747.33	37.11	Soil	9,000	-0.98
08/13/2021	11:44:37	78779.17	394747.33	37.11	Soil	9,840	-0.41
08/13/2021	11:44:38	78779.16	394747.33	37.10	Soil	10,140	-0.20
08/13/2021	11:44:39	78779.15	394747.33	37.11	Soil	10,860	0.29
08/13/2021	11:44:40	78779.14	394747.33	37.11	Soil	11,880	0.99
08/13/2021	11:44:41	78779.13	394747.33	37.11	Soil	10,800	0.25
08/13/2021	11:44:42	78779.12	394747.33	37.11	Soil	10,260	-0.12
08/13/2021	11:44:43	78779.12	394747.33	37.11	Soil	11,760	0.91
08/13/2021	11:44:44	78779.11	394747.34	37.11	Soil	11,580	0.78
08/13/2021	11:44:45	78779.11	394747.34	37.09	Soil	9,420	-0.69
08/13/2021	12:00:14	78782.68	394745.53	37.45	Soil	9,360	-0.74
08/13/2021	12:00:15	78782.69	394745.53	37.43	Soil	8,880	-1.06
08/13/2021	12:00:16	78782.69	394745.54	37.41	Soil	9,600	-0.57
08/13/2021	12:00:17	78782.70	394745.55	37.39	Soil	10,140	-0.20
08/13/2021	12:00:18	78782.70	394745.54	37.37	Soil	10,080	-0.24
08/13/2021	12:00:19	78782.70	394745.55	37.35	Soil	8,460	-1.35
08/13/2021	12:00:20	78782.70	394745.55	37.33	Soil	9,000	-0.98
08/13/2021	12:00:21	78782.71	394745.56	37.32	Soil	11,220	0.54
08/13/2021	12:09:50	78782.82	394745.54	36.97	Soil	6,540	-2.66
08/13/2021	12:09:51	78782.82	394745.53	36.98	Soil	9,060	-0.94
08/13/2021	12:09:52	78782.85	394745.54	36.98	Soil	8,160	-1.56
08/13/2021	12:09:53	78782.89	394745.56	36.98	Soil	10,680	0.17
08/13/2021	12:09:54	78782.88	394745.56	36.98	Soil	9,840	-0.41
08/13/2021	12:09:55	78782.87	394745.56	36.98	Soil	9,660	-0.53
08/13/2021	12:09:56	78782.85	394745.55	36.97	Soil	8,160	-1.56

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08/13/2021	12:09:57	78782.84	394745.56	36.97	Soil	7,320	-2.13
08/13/2021	12:09:58	78782.84	394745.56	36.97	Soil	9,900	-0.37
08/13/2021	12:09:59	78782.85	394745.55	36.97	Soil	8,580	-1.27
08/13/2021	12:11:04	78782.96	394745.43	36.71	Soil	9,720	-0.49
08/13/2021	12:11:05	78783.20	394745.44	36.92	Soil	8,400	-1.39
08/13/2021	12:11:06	78783.23	394745.45	36.91	Soil	8,160	-1.56
08/13/2021	12:11:07	78782.93	394745.49	36.90	Soil	9,600	-0.57
08/13/2021	12:11:08	78782.88	394745.48	36.89	Soil	9,720	-0.49
08/13/2021	12:11:09	78782.88	394745.45	36.91	Soil	8,100	-1.60
08/13/2021	12:11:10	78782.86	394745.42	36.90	Soil	7,560	-1.97
08/13/2021	12:11:11	78782.82	394745.40	36.51	Soil	9,420	-0.69
08/13/2021	12:12:38	78782.76	394745.42	36.63	Soil	12,300	1.28
08/13/2021	12:12:39	78782.73	394745.46	36.61	Soil	13,500	2.10
08/13/2021	12:12:40	78782.73	394745.45	36.56	Soil	13,680	2.22
08/13/2021	12:12:41	78782.72	394745.42	36.52	Soil	14,700	2.92
08/13/2021	12:12:42	78782.68	394745.40	36.47	Soil	14,880	3.04
08/13/2021	12:12:43	78782.67	394745.40	36.41	Soil	12,360	1.32
08/13/2021	14:34:31	78795.44	394738.27	38.44	Soil	10,380	-0.04
08/13/2021	14:34:32	78795.37	394738.22	38.43	Soil	12,180	1.19
08/13/2021	14:35:09	78795.47	394738.22	38.25	Soil	9,600	-0.57
08/13/2021	14:35:10	78795.32	394738.26	38.24	Soil	10,080	-0.24
08/13/2021	14:35:11	78795.28	394738.54	38.19	Soil	11,460	0.70
08/13/2021	14:35:19	78794.90	394738.91	37.99	Soil	10,560	0.09
08/13/2021	14:35:20	78794.99	394738.73	37.98	Soil	11,100	0.45
08/13/2021	14:35:21	78794.94	394738.88	37.98	Soil	9,600	-0.57
08/13/2021	14:35:37	78793.85	394740.36	37.95	Soil	10,860	0.29
08/13/2021	14:35:40	78793.44	394740.88	37.94	Soil	9,660	-0.53
08/13/2021	14:35:46	78792.74	394741.67	38.02	Soil	12,660	1.52
08/13/2021	14:35:47	78792.62	394741.82	38.02	Soil	12,840	1.65
08/13/2021	14:35:48	78792.44	394741.98	38.08	Soil	12,120	1.15
08/13/2021	14:35:49	78792.40	394742.17	38.10	Soil	11,280	0.58
08/13/2021	14:35:50	78792.28	394742.35	38.21	Soil	10,560	0.09
08/13/2021	14:35:52	78792.05	394742.60	38.27	Soil	12,240	1.23
08/13/2021	14:35:53	78791.95	394742.75	38.23	Soil	11,820	0.95
08/13/2021	14:35:54	78791.72	394742.92	38.22	Soil	11,880	0.99
08/13/2021	14:35:55	78791.55	394743.05	38.22	Soil	9,900	-0.37
08/13/2021	14:35:56	78791.43	394743.35	38.23	Soil	10,860	0.29
08/13/2021	14:35:57	78791.29	394743.49	38.20	Soil	10,140	-0.20
08/13/2021	14:35:58	78791.10	394743.69	38.22	Soil	10,140	-0.20
08/13/2021	14:36:05	78790.18	394745.02	38.37	Soil	11,220	0.54
08/13/2021	14:49:38	78773.36	394733.07	38.41	Soil	14,760	2.96
08/13/2021	14:49:39	78773.41	394733.08	38.41	Soil	12,420	1.36
08/13/2021	14:49:40	78773.45	394733.08	38.41	Soil	11,700	0.87
08/13/2021	14:49:41	78773.51	394733.08	38.42	Soil	10,620	0.13
08/13/2021	14:49:42	78773.53	394733.08	38.41	Soil	12,960	1.73
08/13/2021	14:49:43	78773.54	394733.08	38.41	Soil	11,100	0.45
08/13/2021	14:49:44	78773.54	394733.09	38.40	Soil	12,360	1.32
08/13/2021	14:49:45	78773.56	394733.10	38.39	Soil	9,960	-0.32
08/13/2021	14:49:46	78773.60	394733.09	38.37	Soil	11,700	0.87
08/13/2021	14:49:47	78773.59	394733.11	38.37	Soil	12,840	1.65
08/13/2021	14:49:48	78773.48	394733.17	38.42	Soil	11,880	0.99

SU 7B GWS RESULTS

08/13/2021	14:49:49	78773.35	394733.24	38.42	Soil	11,760	0.91
08/13/2021	14:49:50	78773.27	394733.30	38.42	Soil	12,600	1.48
08/13/2021	14:49:51	78773.23	394733.31	38.43	Soil	12,420	1.36
08/13/2021	14:49:52	78773.26	394733.30	38.43	Soil	12,540	1.44
08/13/2021	14:49:53	78773.28	394733.29	38.43	Soil	11,220	0.54
08/13/2021	14:49:54	78773.31	394733.27	38.42	Soil	12,600	1.48
08/13/2021	14:49:55	78773.33	394733.26	38.39	Soil	12,300	1.28
08/13/2021	14:49:56	78773.32	394733.23	38.36	Soil	13,320	1.97
08/13/2021	14:49:57	78773.29	394733.17	38.33	Soil	11,760	0.91
08/13/2021	14:49:58	78773.25	394733.23	38.39	Soil	10,140	-0.20
08/13/2021	14:49:59	78773.15	394733.49	38.38	Soil	12,420	1.36
08/13/2021	14:50:00	78773.08	394733.62	38.43	Soil	12,720	1.56
08/13/2021	14:50:01	78772.98	394733.35	38.43	Soil	12,600	1.48
08/13/2021	14:50:02	78772.87	394733.14	38.41	Soil	10,980	0.37
08/13/2021	14:50:03	78772.84	394733.16	38.41	Soil	11,880	0.99
08/13/2021	14:50:04	78772.85	394733.15	38.41	Soil	12,300	1.28
08/13/2021	14:50:05	78772.92	394733.07	38.41	Soil	13,260	1.93
08/13/2021	14:50:06	78772.96	394733.02	38.41	Soil	10,140	-0.20
08/13/2021	14:50:07	78772.97	394733.00	38.41	Soil	12,780	1.60
08/13/2021	14:50:08	78772.99	394732.99	38.40	Soil	12,660	1.52
08/13/2021	14:50:09	78773.02	394732.97	38.40	Soil	12,780	1.60
08/13/2021	14:50:10	78773.04	394732.95	38.40	Soil	11,760	0.91
08/13/2021	14:50:11	78773.04	394732.97	38.40	Soil	11,640	0.82
08/13/2021	14:59:56	78790.55	394744.48	38.13	Soil	12,360	1.32
08/13/2021	15:00:05	78789.69	394745.65	38.22	Soil	11,460	0.70
08/13/2021	15:03:05	78791.54	394743.22	38.16	Soil	11,880	0.99
08/13/2021	15:03:06	78791.42	394743.19	38.16	Soil	11,880	0.99
08/13/2021	15:03:07	78791.52	394743.18	38.32	Soil	10,980	0.37
08/13/2021	15:03:08	78791.61	394743.21	38.38	Soil	10,560	0.09
08/13/2021	15:04:13	78792.43	394742.14	38.10	Soil	8,700	-1.19
08/13/2021	15:04:14	78792.31	394742.32	38.09	Soil	11,940	1.03
08/13/2021	15:04:16	78791.78	394742.93	38.14	Soil	10,380	-0.04
08/13/2021	15:04:17	78791.86	394742.77	38.26	Soil	11,520	0.74
08/13/2021	15:04:18	78791.91	394742.76	38.34	Soil	11,040	0.41
08/13/2021	15:06:10	78795.09	394738.70	38.46	Soil	8,400	-1.39
08/13/2021	15:06:11	78795.01	394738.51	38.49	Soil	9,960	-0.32
08/13/2021	15:06:12	78794.87	394738.45	38.68	Soil	9,540	-0.61
08/13/2021	15:06:13	78794.98	394738.49	38.76	Soil	10,620	0.13
08/13/2021	15:06:14	78795.29	394738.44	38.86	Soil	10,260	-0.12
08/13/2021	15:06:15	78795.41	394738.27	38.93	Soil	10,680	0.17
08/13/2021	15:06:41	78794.94	394738.84	39.21	Soil	10,140	-0.20
08/13/2021	15:06:42	78794.81	394738.62	39.06	Soil	10,080	-0.24
08/13/2021	15:06:43	78794.56	394738.78	39.10	Soil	8,940	-1.02
08/13/2021	15:06:44	78794.32	394738.86	39.18	Soil	10,860	0.29
08/13/2021	15:06:45	78794.51	394739.17	39.22	Soil	10,200	-0.16
08/13/2021	15:06:46	78794.51	394739.37	39.26	Soil	11,160	0.50
08/13/2021	15:07:01	78794.38	394739.52	39.41	Soil	10,560	0.09
08/13/2021	15:07:02	78794.19	394739.48	39.41	Soil	12,000	1.07
08/13/2021	15:07:03	78794.27	394739.23	39.35	Soil	10,620	0.13
08/13/2021	15:07:04	78794.08	394739.25	39.30	Soil	9,420	-0.69
08/13/2021	15:07:05	78793.89	394739.24	39.34	Soil	9,840	-0.41

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08/13/2021	15:07:06	78793.93	394739.10	39.30	Soil	9,540	-0.61
08/13/2021	15:07:07	78793.95	394739.57	39.44	Soil	11,640	0.82
08/13/2021	15:07:08	78793.80	394739.95	39.50	Soil	10,740	0.21
08/14/2021	8:48:30	78772.18	394733.07	34.93	Soil	12,600	1.48
08/14/2021	8:48:31	78772.17	394733.09	34.93	Soil	11,880	0.99
08/14/2021	8:48:32	78772.27	394733.08	34.99	Soil	12,180	1.19
08/14/2021	8:48:33	78772.36	394733.30	34.91	Soil	13,860	2.34
08/14/2021	8:48:34	78772.71	394733.48	34.90	Soil	12,300	1.28
08/14/2021	8:48:35	78773.10	394733.48	34.70	Soil	10,320	-0.08
08/14/2021	8:48:36	78773.01	394733.43	34.74	Soil	11,880	0.99
08/14/2021	8:48:37	78773.00	394733.44	34.77	Soil	12,720	1.56
08/14/2021	8:48:38	78773.02	394733.44	34.80	Soil	12,600	1.48
08/14/2021	8:48:39	78773.02	394733.39	34.81	Soil	11,640	0.82
08/14/2021	8:48:40	78773.02	394733.39	34.83	Soil	12,960	1.73
08/14/2021	8:48:41	78773.01	394733.44	34.85	Soil	13,320	1.97
08/14/2021	8:48:42	78772.88	394733.15	34.93	Soil	11,100	0.45
08/14/2021	8:48:43	78772.91	394732.77	34.91	Soil	10,860	0.29
08/14/2021	8:48:44	78772.91	394732.82	34.91	Soil	9,660	-0.53
08/14/2021	8:48:45	78772.94	394732.82	34.89	Soil	12,420	1.36
08/14/2021	8:48:46	78772.95	394732.81	34.88	Soil	12,000	1.07
08/14/2021	8:48:47	78772.99	394732.79	34.85	Soil	12,900	1.69
08/14/2021	10:48:40	78787.23	394731.24	36.11	Soil	9,360	-0.74
08/14/2021	10:48:41	78787.39	394731.43	36.13	Soil	9,300	-0.78
08/14/2021	10:48:42	78787.60	394731.24	36.10	Soil	10,980	0.37
08/14/2021	10:48:43	78788.04	394731.33	36.13	Soil	10,140	-0.20
08/14/2021	10:48:44	78788.57	394731.25	36.26	Soil	13,320	1.97
08/16/2021	9:19:13	78785.93	394734.01	35.39	Soil	10,020	-0.28
08/16/2021	9:19:14	78785.59	394733.82	35.46	Soil	8,460	-1.35
08/16/2021	9:19:15	78785.47	394733.68	35.44	Soil	9,900	-0.37
08/16/2021	9:19:16	78785.61	394734.00	35.40	Soil	8,580	-1.27
08/16/2021	9:19:17	78785.73	394734.01	35.20	Soil	8,880	-1.06
08/16/2021	9:19:18	78785.95	394733.94	35.09	Soil	9,840	-0.41
08/16/2021	9:19:19	78785.96	394734.01	34.96	Soil	10,500	0.04
08/16/2021	9:19:20	78785.83	394733.91	34.86	Soil	9,420	-0.69
08/16/2021	9:19:21	78785.80	394734.08	34.84	Soil	9,240	-0.82
08/16/2021	9:19:22	78786.20	394734.21	34.79	Soil	9,540	-0.61
08/16/2021	9:19:23	78786.31	394734.12	34.78	Soil	9,240	-0.82
08/16/2021	9:19:24	78786.19	394734.16	34.81	Soil	9,420	-0.69
08/16/2021	9:19:25	78786.53	394734.42	34.71	Soil	9,600	-0.57
08/16/2021	9:19:26	78786.67	394734.51	34.65	Soil	8,100	-1.60
08/16/2021	9:19:27	78786.71	394734.47	34.57	Soil	8,820	-1.10
08/16/2021	9:19:28	78786.68	394734.56	34.49	Soil	7,620	-1.93
08/16/2021	9:19:29	78786.60	394734.48	34.33	Soil	7,440	-2.05
08/16/2021	9:19:30	78786.71	394734.31	34.12	Soil	8,280	-1.47
08/16/2021	9:19:31	78786.82	394734.41	34.12	Soil	8,280	-1.47
08/16/2021	9:19:32	78786.77	394734.31	34.12	Soil	8,580	-1.27
08/16/2021	9:19:33	78786.66	394734.35	34.03	Soil	9,120	-0.90
08/16/2021	9:19:34	78786.62	394734.36	34.01	Soil	9,600	-0.57
08/16/2021	9:19:35	78786.43	394734.26	33.92	Soil	10,800	0.25
08/16/2021	9:19:36	78786.64	394734.40	33.89	Soil	9,900	-0.37
08/16/2021	9:19:37	78786.77	394734.30	33.92	Soil	9,180	-0.86

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08/16/2021	9:19:38	78786.29	394734.44	33.97	Soil	10,320	-0.08
08/16/2021	9:19:39	78786.37	394734.36	34.06	Soil	9,420	-0.69
08/16/2021	9:19:40	78786.28	394734.31	34.18	Soil	9,000	-0.98
08/16/2021	9:19:41	78786.07	394734.41	34.09	Soil	9,660	-0.53
08/16/2021	9:19:42	78786.24	394734.41	34.16	Soil	8,940	-1.02
08/16/2021	9:19:43	78786.52	394734.39	34.16	Soil	9,600	-0.57
08/16/2021	9:19:44	78786.72	394734.29	34.24	Soil	9,060	-0.94
08/16/2021	9:19:45	78786.87	394734.31	34.27	Soil	9,000	-0.98
08/16/2021	9:19:46	78786.95	394734.25	33.77	Soil	7,620	-1.93
08/16/2021	9:19:47	78787.13	394734.08	34.02	Soil	6,600	-2.62
08/16/2021	9:19:48	78787.30	394733.91	34.38	Soil	6,360	-2.79
08/16/2021	9:19:49	78787.15	394733.85	34.35	Soil	7,380	-2.09
08/16/2021	9:19:50	78787.12	394733.81	34.31	Soil	8,280	-1.47
08/16/2021	9:19:51	78787.00	394733.83	34.37	Soil	9,180	-0.86
08/16/2021	9:19:52	78786.88	394733.76	34.44	Soil	8,220	-1.52
08/16/2021	9:19:53	78786.62	394733.57	34.46	Soil	10,080	-0.24
08/16/2021	9:19:54	78786.51	394733.51	34.53	Soil	8,760	-1.15
08/16/2021	9:19:55	78786.39	394733.63	34.68	Soil	9,120	-0.90
08/16/2021	9:19:56	78786.30	394733.75	34.83	Soil	9,240	-0.82
08/16/2021	9:19:57	78786.37	394733.62	34.88	Soil	10,020	-0.28
08/16/2021	9:19:58	78786.45	394733.57	34.87	Soil	9,900	-0.37
08/16/2021	9:19:59	78786.40	394733.64	34.95	Soil	9,960	-0.32
08/16/2021	9:20:00	78786.63	394733.64	35.00	Soil	8,640	-1.23
08/16/2021	9:20:01	78786.70	394733.53	35.05	Soil	8,400	-1.39
08/16/2021	9:20:02	78786.86	394733.56	35.16	Soil	10,560	0.09
08/16/2021	9:20:03	78786.95	394733.59	35.22	Soil	8,220	-1.52
08/16/2021	9:20:04	78787.01	394733.46	35.28	Soil	9,180	-0.86
08/16/2021	9:20:05	78787.04	394733.49	35.27	Soil	9,240	-0.82
08/16/2021	9:20:06	78787.01	394733.49	35.20	Soil	9,240	-0.82
08/16/2021	9:20:07	78786.92	394733.59	35.13	Soil	9,360	-0.74
08/16/2021	9:20:08	78786.78	394733.67	35.07	Soil	8,640	-1.23
08/16/2021	9:20:09	78786.56	394733.71	35.04	Soil	7,680	-1.88
08/16/2021	9:20:10	78786.39	394733.80	35.05	Soil	10,920	0.33
08/16/2021	9:20:11	78786.21	394733.85	35.08	Soil	10,500	0.04
08/16/2021	9:20:12	78786.30	394733.79	35.08	Soil	9,360	-0.74
08/16/2021	9:20:13	78786.41	394733.73	35.00	Soil	9,900	-0.37
08/16/2021	9:20:14	78786.68	394733.86	35.01	Soil	8,940	-1.02
08/16/2021	9:20:15	78786.65	394733.80	34.98	Soil	10,140	-0.20
08/16/2021	9:20:16	78786.79	394733.81	34.95	Soil	9,720	-0.49
08/16/2021	9:20:17	78786.77	394733.81	34.95	Soil	9,660	-0.53
08/16/2021	9:20:18	78786.93	394733.89	34.84	Soil	9,720	-0.49
08/16/2021	9:20:19	78786.98	394733.78	34.87	Soil	9,300	-0.78
08/16/2021	9:20:20	78786.69	394733.79	34.84	Soil	9,720	-0.49
08/16/2021	9:20:21	78786.76	394733.55	34.90	Soil	9,720	-0.49
08/16/2021	9:20:22	78786.72	394733.88	34.91	Soil	10,140	-0.20
08/16/2021	9:20:23	78786.67	394733.81	34.89	Soil	9,720	-0.49
08/16/2021	9:20:24	78786.92	394734.01	34.96	Soil	10,500	0.04
08/16/2021	9:20:25	78786.68	394734.07	35.03	Soil	9,000	-0.98
08/16/2021	9:20:26	78786.66	394734.10	35.02	Soil	10,080	-0.24
08/16/2021	9:20:27	78786.86	394733.95	35.02	Soil	9,600	-0.57
08/16/2021	9:20:28	78787.09	394733.95	35.04	Soil	9,240	-0.82

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08/16/2021	9:20:29	78787.08	394733.85	35.00	Soil	11,760	0.91
08/16/2021	9:20:30	78787.08	394733.92	35.00	Soil	10,200	-0.16
08/16/2021	9:20:31	78787.21	394733.92	34.96	Soil	9,180	-0.86
08/16/2021	9:20:32	78786.98	394734.00	34.98	Soil	9,540	-0.61
08/16/2021	9:20:33	78786.65	394733.94	34.95	Soil	10,200	-0.16
08/16/2021	9:20:34	78786.40	394733.98	35.01	Soil	9,660	-0.53
08/16/2021	9:20:35	78786.15	394733.98	35.08	Soil	9,840	-0.41
08/16/2021	9:20:36	78786.06	394733.94	34.84	Soil	10,260	-0.12
08/16/2021	9:20:37	78786.21	394734.12	34.56	Soil	9,360	-0.74
08/16/2021	9:20:38	78786.54	394734.29	34.41	Soil	8,040	-1.64
08/16/2021	9:20:39	78786.78	394734.34	34.38	Soil	9,960	-0.32
08/16/2021	9:20:40	78787.04	394734.43	34.39	Soil	11,880	0.99
08/16/2021	9:20:41	78787.12	394734.37	34.40	Soil	8,820	-1.10
08/16/2021	9:20:42	78787.27	394734.38	34.42	Soil	12,540	1.44
08/16/2021	9:20:43	78787.28	394734.33	34.42	Soil	11,160	0.50
08/16/2021	9:20:44	78787.18	394734.52	34.43	Soil	11,220	0.54
08/16/2021	9:20:45	78786.84	394734.36	34.44	Soil	13,860	2.34
08/16/2021	9:20:46	78786.60	394734.32	34.42	Soil	11,460	0.70
08/16/2021	9:20:47	78786.41	394734.34	34.45	Soil	11,580	0.78
08/16/2021	9:20:48	78786.21	394734.25	34.59	Soil	10,140	-0.20
08/16/2021	9:20:49	78786.19	394734.26	34.66	Soil	10,260	-0.12
08/16/2021	9:20:50	78786.08	394734.31	34.65	Soil	9,660	-0.53
08/16/2021	9:20:51	78786.32	394734.42	34.36	Soil	9,960	-0.32
08/16/2021	9:20:52	78786.45	394734.69	33.96	Soil	10,200	-0.16
08/16/2021	9:20:53	78786.61	394734.89	33.77	Soil	11,880	0.99
08/16/2021	9:20:54	78786.84	394735.05	33.62	Soil	9,840	-0.41
08/16/2021	9:20:55	78786.88	394735.09	33.51	Soil	10,020	-0.28
08/16/2021	9:20:56	78787.12	394735.16	33.47	Soil	11,400	0.66
08/16/2021	9:20:57	78787.36	394735.09	33.44	Soil	11,760	0.91
08/16/2021	9:20:58	78787.41	394735.05	33.41	Soil	10,200	-0.16
08/16/2021	9:20:59	78787.36	394735.01	33.34	Soil	11,820	0.95
08/16/2021	9:21:00	78787.14	394735.07	33.24	Soil	12,300	1.28
08/16/2021	9:21:01	78786.82	394735.10	33.15	Soil	11,100	0.45
08/16/2021	9:21:02	78786.58	394735.25	33.13	Soil	11,880	0.99
08/16/2021	9:21:03	78786.55	394735.09	33.14	Soil	10,260	-0.12
08/16/2021	9:21:04	78786.54	394735.01	33.16	Soil	9,720	-0.49
08/16/2021	9:21:05	78786.57	394735.05	33.20	Soil	10,620	0.13
08/16/2021	9:21:06	78786.37	394735.26	33.23	Soil	10,440	0.00
08/16/2021	9:21:07	78786.40	394735.36	33.15	Soil	13,620	2.18
08/16/2021	9:21:08	78786.60	394735.44	33.20	Soil	11,940	1.03
08/16/2021	9:21:09	78786.93	394735.48	33.20	Soil	11,580	0.78
08/16/2021	9:21:10	78787.10	394735.57	33.20	Soil	12,960	1.73
08/16/2021	9:21:11	78787.26	394735.57	33.20	Soil	12,420	1.36
08/16/2021	9:21:12	78787.51	394735.61	33.25	Soil	11,820	0.95
08/16/2021	9:21:13	78787.46	394735.70	33.25	Soil	14,460	2.75
08/16/2021	9:21:14	78787.43	394735.66	33.24	Soil	11,580	0.78
08/16/2021	9:21:15	78787.21	394735.61	33.22	Soil	15,720	3.61
08/16/2021	9:21:16	78786.85	394735.61	33.18	Soil	12,960	1.73
08/16/2021	9:21:17	78786.53	394735.62	33.11	Soil	12,840	1.65
08/16/2021	9:21:18	78786.33	394735.78	33.12	Soil	11,580	0.78
08/16/2021	9:21:19	78786.35	394735.67	33.25	Soil	14,820	3.00

SU 7B GWS RESULTS

08/16/2021	9:21:20	78786.42	394735.52	33.31	Soil	12,720	1.56
08/16/2021	9:21:21	78786.48	394735.73	33.31	Soil	12,960	1.73
08/16/2021	9:21:22	78786.61	394735.84	33.33	Soil	10,980	0.37
08/16/2021	9:21:23	78786.83	394735.84	33.33	Soil	14,520	2.79
08/16/2021	9:21:24	78787.12	394736.01	33.17	Soil	16,320	4.03
08/16/2021	9:21:25	78787.44	394736.17	33.24	Soil	15,600	3.53
08/16/2021	9:21:26	78787.39	394735.88	33.25	Soil	14,880	3.04
08/16/2021	9:21:27	78787.45	394735.94	33.17	Soil	12,960	1.73
08/16/2021	9:21:28	78787.50	394735.86	33.16	Soil	12,360	1.32
08/16/2021	9:21:29	78787.50	394735.96	33.19	Soil	11,040	0.41
08/16/2021	9:21:30	78787.30	394736.02	33.14	Soil	13,620	2.18
08/16/2021	9:21:31	78787.05	394736.19	33.20	Soil	13,200	1.89
08/16/2021	9:21:32	78786.76	394736.05	33.18	Soil	15,420	3.41
08/16/2021	9:21:33	78786.46	394736.17	33.24	Soil	13,560	2.14
08/16/2021	9:21:34	78786.30	394736.23	33.32	Soil	15,120	3.20
08/16/2021	9:21:35	78786.08	394736.23	33.38	Soil	13,740	2.26
08/16/2021	9:21:36	78786.14	394736.13	33.38	Soil	15,420	3.41
08/16/2021	9:21:37	78786.20	394736.14	33.40	Soil	13,860	2.34
08/16/2021	9:21:38	78786.52	394736.34	33.39	Soil	16,140	3.90
08/16/2021	9:21:39	78786.71	394736.41	33.36	Soil	18,120	5.26
08/16/2021	9:21:40	78786.91	394736.43	33.32	Soil	15,060	3.16
08/16/2021	9:21:41	78786.99	394736.48	33.26	Soil	15,660	3.57
08/16/2021	9:21:42	78787.26	394736.48	33.23	Soil	17,640	4.93
08/16/2021	9:21:43	78787.31	394736.47	33.22	Soil	13,560	2.14
08/16/2021	9:21:44	78787.24	394736.51	33.18	Soil	11,100	0.45
08/16/2021	9:21:45	78787.01	394736.58	33.16	Soil	12,360	1.32
08/16/2021	9:21:46	78786.69	394736.56	33.17	Soil	14,760	2.96
08/16/2021	9:21:47	78786.50	394736.57	33.13	Soil	14,460	2.75
08/16/2021	9:21:48	78786.20	394736.63	33.16	Soil	16,140	3.90
08/16/2021	9:21:49	78786.19	394736.56	33.08	Soil	15,720	3.61
08/16/2021	9:21:50	78786.13	394736.57	33.06	Soil	15,900	3.74
08/16/2021	9:21:51	78786.25	394736.37	33.08	Soil	15,300	3.33
08/16/2021	9:21:52	78786.39	394736.58	33.29	Soil	14,700	2.92
08/16/2021	9:21:53	78786.30	394737.00	33.33	Soil	16,740	4.31
08/16/2021	9:21:54	78786.21	394737.12	33.31	Soil	15,720	3.61
08/16/2021	9:21:55	78786.21	394736.91	33.28	Soil	15,840	3.70
08/16/2021	9:21:56	78786.28	394736.69	33.03	Soil	16,380	4.07
08/16/2021	9:21:57	78786.43	394736.49	33.02	Soil	15,240	3.29
08/16/2021	9:21:58	78786.54	394736.66	32.96	Soil	15,240	3.29
08/16/2021	9:21:59	78786.41	394736.69	32.96	Soil	15,360	3.37
08/16/2021	9:22:00	78786.46	394736.67	32.97	Soil	14,280	2.63
08/16/2021	9:22:01	78786.45	394736.63	32.95	Soil	15,360	3.37
08/16/2021	9:22:02	78786.41	394736.63	32.95	Soil	14,760	2.96
08/16/2021	9:22:03	78786.43	394736.58	32.96	Soil	14,280	2.63
08/16/2021	9:22:04	78786.35	394736.46	32.94	Soil	15,600	3.53
08/16/2021	9:22:05	78786.27	394736.43	32.93	Soil	15,060	3.16
08/16/2021	9:22:06	78786.23	394736.50	32.93	Soil	15,720	3.61
08/16/2021	9:22:07	78786.29	394736.54	32.95	Soil	15,840	3.70
08/16/2021	9:22:08	78786.28	394736.52	32.93	Soil	15,060	3.16
08/16/2021	9:22:09	78786.33	394736.54	32.93	Soil	14,400	2.71
08/16/2021	9:22:10	78786.38	394736.63	32.93	Soil	14,820	3.00

SU 7B GWS RESULTS

08/16/2021	9:22:11	78786.30	394736.57	32.96	Soil	16,380	4.07
08/16/2021	9:22:12	78786.27	394736.38	32.96	Soil	17,340	4.72
08/16/2021	9:22:13	78786.30	394736.44	32.96	Soil	15,060	3.16
08/16/2021	9:22:14	78786.28	394736.41	32.97	Soil	15,660	3.57
08/16/2021	9:22:15	78786.17	394736.32	32.95	Soil	15,120	3.20
08/16/2021	9:22:16	78786.09	394736.34	32.97	Soil	15,600	3.53
08/16/2021	9:22:17	78786.12	394736.32	33.08	Soil	14,700	2.92
08/16/2021	9:22:18	78786.46	394736.39	33.09	Soil	14,520	2.79
08/16/2021	9:22:19	78786.16	394736.35	33.14	Soil	14,520	2.79
08/16/2021	9:22:20	78786.09	394736.45	33.22	Soil	15,480	3.45
08/16/2021	9:22:21	78786.24	394736.42	33.20	Soil	15,720	3.61
08/16/2021	9:22:22	78786.06	394736.32	33.27	Soil	13,440	2.06
08/16/2021	9:22:23	78786.20	394736.61	33.26	Soil	15,360	3.37
08/16/2021	9:22:24	78786.30	394736.72	33.22	Soil	13,860	2.34
08/16/2021	9:22:25	78786.42	394736.82	33.19	Soil	13,560	2.14
08/16/2021	9:22:26	78786.53	394736.83	33.17	Soil	14,340	2.67
08/16/2021	9:22:27	78786.53	394736.86	33.16	Soil	14,700	2.92
08/16/2021	9:22:28	78786.53	394736.85	33.15	Soil	14,760	2.96
08/16/2021	9:22:29	78786.51	394736.83	33.13	Soil	14,400	2.71
08/16/2021	9:22:30	78786.51	394736.84	33.10	Soil	14,760	2.96
08/16/2021	9:22:31	78786.49	394736.83	33.10	Soil	14,820	3.00
08/16/2021	9:22:32	78786.51	394736.85	33.09	Soil	16,560	4.19
08/16/2021	9:22:33	78786.51	394736.84	33.07	Soil	14,280	2.63
08/16/2021	9:22:34	78786.49	394736.85	33.06	Soil	14,580	2.84
08/16/2021	9:22:35	78786.49	394736.80	33.07	Soil	14,340	2.67
08/16/2021	9:22:36	78786.51	394736.82	33.06	Soil	15,660	3.57
08/16/2021	9:22:37	78786.50	394736.85	33.07	Soil	15,900	3.74
08/16/2021	9:22:38	78786.51	394736.87	33.04	Soil	15,660	3.57
08/16/2021	9:22:39	78786.45	394736.83	33.02	Soil	14,160	2.55
08/16/2021	9:22:40	78786.42	394736.89	33.02	Soil	17,100	4.56
08/16/2021	9:22:41	78786.41	394736.85	33.02	Soil	15,480	3.45
08/16/2021	9:22:42	78786.39	394736.85	33.06	Soil	14,340	2.67
08/16/2021	9:22:43	78786.52	394736.81	33.08	Soil	15,360	3.37
08/16/2021	9:22:44	78786.46	394736.79	33.06	Soil	14,940	3.08
08/16/2021	9:22:45	78786.50	394736.87	33.06	Soil	13,680	2.22
08/16/2021	9:22:46	78786.65	394736.86	33.07	Soil	16,740	4.31
08/16/2021	9:22:47	78786.68	394736.86	33.07	Soil	14,160	2.55
08/16/2021	9:22:48	78786.38	394736.82	33.07	Soil	15,720	3.61
08/16/2021	9:22:49	78786.67	394736.82	33.06	Soil	16,320	4.03
08/16/2021	9:22:50	78786.52	394736.84	33.08	Soil	15,180	3.25
08/16/2021	9:22:51	78786.61	394736.83	33.07	Soil	13,740	2.26
08/16/2021	9:22:52	78786.66	394736.82	33.07	Soil	15,420	3.41
08/16/2021	9:22:53	78786.58	394736.89	33.08	Soil	14,220	2.59
08/16/2021	9:22:54	78786.63	394736.98	33.14	Soil	15,000	3.12
08/16/2021	9:22:55	78786.45	394736.90	33.19	Soil	17,340	4.72
08/16/2021	9:22:56	78786.41	394736.85	33.23	Soil	13,680	2.22
08/16/2021	9:22:57	78786.40	394736.89	33.23	Soil	13,200	1.89
08/16/2021	9:22:58	78786.33	394737.00	33.26	Soil	11,940	1.03
08/16/2021	9:22:59	78786.44	394737.12	33.26	Soil	13,080	1.81
08/16/2021	9:23:00	78786.54	394737.29	33.23	Soil	15,960	3.78
08/16/2021	9:23:01	78786.31	394737.17	33.24	Soil	14,520	2.79

SU 7B GWS RESULTS

08/16/2021	9:23:02	78786.47	394737.02	33.25	Soil	12,900	1.69
08/16/2021	9:23:03	78786.69	394737.14	33.24	Soil	15,180	3.25
08/16/2021	9:23:04	78786.56	394737.29	33.27	Soil	15,360	3.37
08/16/2021	9:23:05	78786.57	394737.04	33.34	Soil	17,100	4.56
08/16/2021	9:23:06	78786.69	394736.79	33.39	Soil	14,340	2.67
08/16/2021	9:23:07	78786.84	394736.45	33.44	Soil	15,240	3.29
08/16/2021	9:23:08	78786.98	394736.39	33.47	Soil	15,660	3.57
08/16/2021	9:23:09	78786.92	394736.50	33.45	Soil	13,980	2.42
08/16/2021	9:23:10	78786.82	394736.54	33.46	Soil	15,300	3.33
08/16/2021	9:23:11	78786.77	394736.63	33.47	Soil	13,200	1.89
08/16/2021	9:23:12	78786.74	394736.53	33.51	Soil	14,700	2.92
08/16/2021	9:23:13	78786.55	394736.63	33.54	Soil	15,060	3.16
08/16/2021	9:23:14	78786.19	394736.45	33.60	Soil	14,520	2.79
08/16/2021	9:23:15	78786.15	394736.38	33.59	Soil	13,560	2.14
08/16/2021	9:23:16	78786.20	394736.46	33.64	Soil	14,640	2.88
08/16/2021	9:23:17	78786.47	394736.40	33.66	Soil	15,840	3.70
08/16/2021	9:23:18	78786.57	394736.50	33.70	Soil	14,820	3.00
08/16/2021	9:23:19	78786.97	394736.60	33.75	Soil	14,280	2.63
08/16/2021	9:23:20	78787.02	394736.58	33.82	Soil	12,060	1.11
08/16/2021	9:23:21	78787.27	394736.60	33.87	Soil	10,800	0.25
08/16/2021	9:23:22	78787.38	394736.51	33.87	Soil	9,120	-0.90
08/16/2021	9:23:23	78787.41	394736.52	33.91	Soil	9,780	-0.45
08/16/2021	9:23:24	78787.31	394736.54	33.94	Soil	9,600	-0.57
08/16/2021	9:23:25	78787.03	394736.61	33.99	Soil	12,420	1.36
08/16/2021	9:23:26	78786.69	394736.65	34.00	Soil	12,900	1.69
08/16/2021	9:23:27	78786.50	394736.75	33.92	Soil	14,340	2.67
08/16/2021	9:23:28	78786.39	394736.84	33.89	Soil	13,380	2.01
08/16/2021	9:23:29	78786.35	394736.69	33.82	Soil	13,140	1.85
08/16/2021	9:23:30	78786.15	394736.70	33.76	Soil	15,120	3.20
08/16/2021	9:23:31	78786.12	394736.71	33.78	Soil	14,520	2.79
08/16/2021	9:23:32	78786.21	394736.75	33.77	Soil	14,040	2.47
08/16/2021	9:23:33	78786.43	394736.81	33.72	Soil	14,220	2.59
08/16/2021	9:23:34	78786.34	394736.93	33.80	Soil	13,680	2.22
08/16/2021	9:23:35	78786.70	394737.01	33.90	Soil	14,160	2.55
08/16/2021	9:23:36	78786.76	394737.13	33.99	Soil	12,720	1.56
08/16/2021	9:23:37	78787.00	394737.15	34.08	Soil	10,140	-0.20
08/16/2021	9:23:38	78787.12	394737.18	34.13	Soil	10,080	-0.24
08/16/2021	9:23:39	78787.16	394737.10	34.12	Soil	10,380	-0.04
08/16/2021	9:23:40	78787.13	394737.09	34.12	Soil	7,860	-1.76
08/16/2021	9:23:41	78786.88	394736.93	34.02	Soil	8,640	-1.23
08/16/2021	9:23:42	78786.67	394737.04	34.02	Soil	10,440	0.00
08/16/2021	9:23:43	78786.76	394737.18	34.03	Soil	9,780	-0.45
08/16/2021	9:23:44	78786.59	394737.23	34.06	Soil	10,200	-0.16
08/16/2021	9:23:45	78786.61	394736.94	34.06	Soil	12,360	1.32
08/16/2021	9:23:46	78786.70	394737.10	34.13	Soil	12,540	1.44
08/16/2021	9:23:47	78786.81	394737.39	34.11	Soil	12,120	1.15
08/16/2021	9:23:48	78786.64	394737.37	34.11	Soil	10,860	0.29
08/16/2021	9:23:49	78786.34	394737.03	34.00	Soil	10,500	0.04
08/16/2021	9:23:50	78786.17	394736.84	33.92	Soil	12,180	1.19
08/16/2021	9:23:51	78786.06	394736.68	33.89	Soil	13,020	1.77
08/16/2021	9:23:52	78786.21	394736.60	33.91	Soil	12,720	1.56

SU 7B GWS RESULTS

08/16/2021	9:23:53	78786.22	394736.42	33.90	Soil	15,840	3.70
08/16/2021	9:23:54	78786.20	394736.25	33.87	Soil	13,080	1.81
08/16/2021	9:23:55	78786.15	394736.24	33.82	Soil	13,380	2.01
08/16/2021	9:23:56	78785.99	394736.28	33.80	Soil	14,580	2.84
08/16/2021	9:23:57	78786.23	394736.28	33.78	Soil	14,340	2.67
08/16/2021	9:23:58	78786.36	394736.22	33.79	Soil	16,920	4.44
08/16/2021	9:23:59	78786.71	394736.30	33.80	Soil	14,100	2.51
08/16/2021	9:24:00	78786.95	394736.31	33.69	Soil	13,620	2.18
08/16/2021	9:24:01	78786.95	394736.30	33.63	Soil	14,820	3.00
08/16/2021	9:24:02	78786.58	394736.18	33.48	Soil	15,480	3.45
08/16/2021	9:24:03	78786.58	394736.02	33.46	Soil	13,920	2.38
08/16/2021	9:24:04	78786.48	394736.09	33.44	Soil	16,560	4.19
08/16/2021	9:24:05	78786.39	394736.17	33.44	Soil	15,180	3.25
08/16/2021	9:24:06	78786.35	394736.17	33.44	Soil	13,500	2.10
08/16/2021	9:24:07	78786.48	394736.03	33.41	Soil	15,780	3.66
08/16/2021	9:24:08	78786.56	394736.06	33.39	Soil	15,180	3.25
08/16/2021	9:24:09	78786.40	394735.88	33.38	Soil	14,580	2.84
08/16/2021	9:24:10	78786.41	394735.85	33.43	Soil	14,460	2.75
08/16/2021	9:24:11	78786.50	394735.95	33.37	Soil	13,560	2.14
08/16/2021	9:24:12	78786.39	394735.98	33.35	Soil	14,880	3.04
08/16/2021	9:24:13	78786.37	394735.93	33.44	Soil	14,760	2.96
08/16/2021	9:24:14	78786.29	394736.26	33.50	Soil	15,960	3.78
08/16/2021	9:24:15	78786.24	394736.94	33.45	Soil	13,920	2.38
08/16/2021	9:24:16	78786.21	394736.90	33.50	Soil	12,060	1.11
08/16/2021	9:24:17	78786.55	394737.21	33.51	Soil	13,320	1.97
08/16/2021	9:24:18	78786.74	394737.50	33.53	Soil	10,800	0.25
08/16/2021	9:24:19	78786.94	394737.60	33.56	Soil	12,000	1.07
08/16/2021	9:24:20	78786.64	394737.53	33.51	Soil	11,880	0.99
08/16/2021	9:24:21	78786.45	394737.39	33.53	Soil	10,380	-0.04
08/16/2021	9:24:22	78786.76	394737.41	33.56	Soil	10,800	0.25
08/16/2021	9:24:23	78787.08	394737.57	33.50	Soil	12,180	1.19
08/16/2021	9:24:24	78787.16	394737.50	33.55	Soil	9,660	-0.53
08/16/2021	9:24:25	78787.05	394737.50	33.52	Soil	8,700	-1.19
08/16/2021	9:24:26	78786.75	394737.49	33.47	Soil	11,820	0.95
08/16/2021	9:24:27	78786.38	394737.38	33.45	Soil	10,620	0.13
08/16/2021	9:24:28	78786.03	394737.30	33.47	Soil	12,720	1.56
08/16/2021	9:24:29	78785.97	394737.18	33.52	Soil	13,140	1.85
08/16/2021	9:24:30	78785.78	394737.33	33.52	Soil	12,360	1.32
08/16/2021	9:24:31	78785.96	394737.26	33.73	Soil	13,620	2.18
08/16/2021	9:24:32	78786.02	394737.32	33.89	Soil	11,940	1.03
08/16/2021	9:24:33	78786.32	394737.43	34.02	Soil	10,740	0.21
08/16/2021	9:24:34	78786.57	394737.52	34.03	Soil	10,560	0.09
08/16/2021	9:24:35	78786.80	394737.61	33.85	Soil	13,140	1.85
08/16/2021	9:24:36	78786.79	394737.73	33.92	Soil	12,000	1.07
08/16/2021	9:24:37	78786.65	394737.67	34.01	Soil	11,520	0.74
08/16/2021	9:24:38	78786.86	394737.51	34.25	Soil	9,420	-0.69
08/16/2021	9:24:39	78787.03	394737.55	34.17	Soil	7,860	-1.76
08/16/2021	9:24:40	78786.96	394737.58	34.07	Soil	9,300	-0.78
08/16/2021	9:24:41	78786.75	394737.54	34.05	Soil	11,280	0.58
08/16/2021	9:24:42	78786.38	394737.50	34.01	Soil	11,340	0.62
08/16/2021	9:24:43	78786.42	394737.06	33.94	Soil	9,180	-0.86

SU 7B GWS RESULTS

08/16/2021	9:24:44	78786.09	394737.15	33.99	Soil	9,720	-0.49
08/16/2021	9:24:45	78786.24	394737.16	34.00	Soil	11,700	0.87
08/16/2021	9:24:46	78785.98	394737.25	34.06	Soil	11,880	0.99
08/16/2021	9:24:47	78785.70	394737.29	34.13	Soil	10,680	0.17
08/16/2021	9:24:48	78785.68	394737.23	34.11	Soil	10,560	0.09
08/16/2021	9:24:49	78785.51	394737.17	34.19	Soil	14,040	2.47
08/16/2021	9:24:50	78785.57	394737.17	34.26	Soil	12,180	1.19
08/16/2021	9:24:51	78785.49	394737.29	34.32	Soil	12,120	1.15
08/16/2021	9:24:52	78785.48	394737.54	34.32	Soil	11,460	0.70
08/16/2021	9:24:53	78785.46	394737.41	34.33	Soil	11,760	0.91
08/16/2021	9:24:54	78785.52	394737.31	34.34	Soil	11,700	0.87
08/16/2021	9:24:55	78785.62	394737.07	34.27	Soil	9,780	-0.45
08/16/2021	9:24:56	78785.55	394737.10	34.25	Soil	11,880	0.99
08/16/2021	9:24:57	78785.55	394737.16	34.17	Soil	13,320	1.97
08/16/2021	9:24:58	78785.54	394736.99	34.13	Soil	10,560	0.09
08/16/2021	9:24:59	78785.59	394736.91	34.31	Soil	11,820	0.95
08/16/2021	9:25:00	78785.59	394737.25	34.38	Soil	9,660	-0.53
08/16/2021	9:25:01	78785.66	394737.37	34.43	Soil	11,640	0.82
08/16/2021	9:25:02	78785.91	394737.33	34.43	Soil	10,500	0.04
08/16/2021	9:25:03	78785.97	394737.32	34.57	Soil	9,660	-0.53
08/16/2021	9:25:04	78785.91	394737.40	34.63	Soil	11,820	0.95
08/16/2021	9:25:05	78785.92	394737.42	34.78	Soil	8,700	-1.19
08/16/2021	9:25:06	78785.59	394737.31	35.04	Soil	8,700	-1.19
08/16/2021	9:25:07	78785.70	394737.14	35.20	Soil	11,520	0.74
08/16/2021	9:25:08	78786.00	394737.25	35.29	Soil	10,200	-0.16
08/16/2021	9:25:09	78786.55	394737.29	35.51	Soil	12,840	1.65
08/16/2021	9:25:10	78786.43	394737.26	35.60	Soil	10,260	-0.12
08/16/2021	9:25:11	78786.34	394737.44	35.59	Soil	12,060	1.11
08/16/2021	9:25:12	78786.21	394737.40	35.59	Soil	11,280	0.58
08/16/2021	9:25:13	78786.26	394737.27	35.52	Soil	10,800	0.25
08/16/2021	9:25:14	78786.61	394737.31	35.49	Soil	10,980	0.37
08/16/2021	9:25:15	78786.75	394737.36	35.51	Soil	10,080	-0.24
08/16/2021	9:25:16	78786.76	394737.38	35.51	Soil	12,360	1.32
08/16/2021	9:25:17	78786.88	394737.31	35.51	Soil	11,220	0.54
08/16/2021	9:25:18	78786.76	394737.37	35.52	Soil	9,240	-0.82
08/16/2021	9:25:19	78786.74	394737.55	35.48	Soil	11,100	0.45
08/16/2021	9:25:20	78786.93	394737.58	35.44	Soil	8,400	-1.39
08/16/2021	9:25:21	78787.08	394737.58	35.47	Soil	7,320	-2.13
08/16/2021	9:25:22	78787.13	394737.58	35.47	Soil	8,160	-1.56
08/16/2021	9:25:23	78787.28	394737.59	35.43	Soil	9,600	-0.57
08/16/2021	9:25:24	78787.41	394737.60	35.40	Soil	8,520	-1.31
08/16/2021	9:25:25	78787.32	394737.60	35.38	Soil	7,800	-1.80
08/16/2021	9:25:26	78786.89	394737.47	35.32	Soil	8,820	-1.10
08/16/2021	9:25:27	78786.66	394737.43	35.20	Soil	10,560	0.09
08/16/2021	9:25:28	78786.85	394737.31	35.04	Soil	12,120	1.15
08/16/2021	9:25:29	78787.32	394737.02	34.94	Soil	11,520	0.74
08/16/2021	9:25:30	78787.31	394737.00	34.92	Soil	11,220	0.54
08/16/2021	9:25:31	78787.22	394737.26	35.16	Soil	9,180	-0.86
08/16/2021	9:25:32	78786.63	394737.47	35.09	Soil	10,920	0.33
08/16/2021	9:25:33	78786.31	394737.28	35.06	Soil	13,260	1.93
08/16/2021	9:25:34	78786.26	394737.52	35.06	Soil	10,260	-0.12

SU 7B GWS RESULTS

08/16/2021	9:25:35	78786.26	394737.46	34.72	Soil	9,420	-0.69
08/16/2021	9:25:36	78786.10	394737.30	34.63	Soil	10,440	0.00
08/16/2021	9:25:37	78786.05	394737.37	34.64	Soil	11,220	0.54
08/16/2021	9:25:38	78785.92	394737.35	34.63	Soil	9,000	-0.98
08/16/2021	9:25:39	78785.57	394737.33	34.65	Soil	11,460	0.70
08/16/2021	9:25:40	78785.48	394737.30	34.56	Soil	8,220	-1.52
08/16/2021	9:25:41	78785.42	394737.09	34.47	Soil	9,840	-0.41
08/16/2021	9:25:42	78785.40	394736.88	34.40	Soil	11,760	0.91
08/16/2021	9:25:43	78785.33	394737.06	34.37	Soil	13,140	1.85
08/16/2021	9:25:44	78785.52	394736.86	34.32	Soil	12,180	1.19
08/16/2021	9:25:45	78785.43	394736.74	34.32	Soil	13,860	2.34
08/16/2021	9:25:46	78785.51	394736.40	34.24	Soil	13,140	1.85
08/16/2021	9:25:47	78785.88	394736.46	34.21	Soil	14,220	2.59
08/16/2021	9:25:48	78785.81	394736.49	34.21	Soil	14,040	2.47
08/16/2021	9:25:49	78785.81	394736.43	34.21	Soil	13,020	1.77
08/16/2021	9:25:50	78785.94	394736.36	34.23	Soil	13,080	1.81
08/16/2021	9:25:51	78785.98	394736.44	34.20	Soil	14,340	2.67
08/16/2021	9:25:52	78785.82	394736.31	34.20	Soil	13,320	1.97
08/16/2021	9:25:53	78785.86	394736.51	34.19	Soil	14,400	2.71
08/16/2021	9:25:54	78785.72	394736.56	34.14	Soil	13,860	2.34
08/16/2021	9:25:55	78785.66	394736.46	34.14	Soil	13,500	2.10
08/16/2021	9:25:56	78785.75	394736.37	34.14	Soil	11,760	0.91
08/16/2021	9:25:57	78785.55	394736.53	34.12	Soil	12,060	1.11
08/16/2021	9:25:58	78785.40	394736.71	34.11	Soil	13,200	1.89
08/16/2021	9:25:59	78785.35	394736.55	34.16	Soil	10,980	0.37
08/16/2021	9:26:00	78785.58	394736.51	34.16	Soil	14,340	2.67
08/16/2021	9:26:01	78785.85	394736.60	34.12	Soil	14,820	3.00
08/16/2021	9:26:02	78786.33	394736.70	34.16	Soil	13,920	2.38
08/16/2021	9:26:03	78786.34	394736.88	34.17	Soil	12,300	1.28
08/16/2021	9:26:04	78786.40	394736.92	34.12	Soil	12,900	1.69
08/16/2021	9:26:05	78786.39	394736.81	34.12	Soil	13,560	2.14
08/16/2021	9:26:06	78786.42	394736.45	34.03	Soil	14,280	2.63
08/16/2021	9:26:07	78786.74	394736.18	33.98	Soil	13,320	1.97
08/16/2021	9:26:08	78786.59	394736.31	33.98	Soil	15,180	3.25
08/16/2021	9:26:09	78786.56	394736.45	33.96	Soil	13,980	2.42
08/16/2021	9:26:10	78786.03	394736.39	33.92	Soil	13,680	2.22
08/16/2021	9:26:11	78786.25	394736.25	33.95	Soil	14,880	3.04
08/16/2021	9:26:12	78786.42	394736.22	33.98	Soil	14,280	2.63
08/16/2021	9:26:13	78786.27	394736.29	33.93	Soil	16,440	4.11
08/16/2021	9:26:14	78786.13	394736.24	33.87	Soil	15,780	3.66
08/16/2021	9:26:15	78786.31	394736.04	33.87	Soil	15,600	3.53
08/16/2021	9:26:16	78786.21	394736.06	33.84	Soil	13,740	2.26
08/16/2021	9:26:17	78786.09	394736.20	33.86	Soil	17,400	4.76
08/16/2021	9:26:18	78786.29	394736.17	33.84	Soil	14,700	2.92
08/16/2021	9:26:19	78786.30	394736.33	33.77	Soil	14,400	2.71
08/16/2021	9:26:20	78786.27	394736.01	33.77	Soil	16,800	4.35
08/16/2021	9:26:21	78786.09	394735.87	33.64	Soil	13,440	2.06
08/16/2021	9:26:22	78786.34	394735.75	33.62	Soil	13,680	2.22
08/16/2021	9:26:23	78786.45	394735.86	33.53	Soil	13,320	1.97
08/16/2021	9:26:24	78786.27	394735.66	33.40	Soil	13,980	2.42
08/16/2021	9:26:25	78786.31	394735.42	33.43	Soil	15,120	3.20

SU 7B GWS RESULTS

08/16/2021	9:26:26	78786.39	394735.47	33.43	Soil	13,920	2.38
08/16/2021	9:26:27	78786.61	394735.58	33.38	Soil	14,340	2.67
08/16/2021	9:26:28	78786.40	394735.51	33.39	Soil	13,740	2.26
08/16/2021	9:26:29	78786.22	394735.42	33.39	Soil	13,380	2.01
08/16/2021	9:26:30	78786.49	394735.33	33.37	Soil	11,400	0.66
08/16/2021	9:26:31	78786.60	394735.40	33.25	Soil	11,820	0.95
08/16/2021	9:26:32	78786.60	394735.43	33.18	Soil	11,820	0.95
08/16/2021	9:26:33	78786.42	394735.42	33.14	Soil	10,980	0.37
08/16/2021	9:26:34	78786.66	394735.34	33.09	Soil	10,320	-0.08
08/16/2021	9:26:35	78786.44	394735.20	33.09	Soil	10,980	0.37
08/16/2021	9:26:36	78786.59	394735.27	33.01	Soil	10,680	0.17
08/16/2021	9:26:37	78786.53	394735.14	32.96	Soil	9,840	-0.41
08/16/2021	9:26:38	78786.62	394734.93	32.92	Soil	10,980	0.37
08/16/2021	9:26:39	78786.57	394734.79	32.92	Soil	10,320	-0.08
08/16/2021	9:26:40	78786.96	394734.86	32.83	Soil	9,960	-0.32
08/16/2021	9:26:41	78786.88	394734.93	32.86	Soil	10,440	0.00
08/16/2021	9:26:42	78786.83	394735.00	32.81	Soil	10,080	-0.24
08/16/2021	9:26:43	78786.74	394734.92	32.81	Soil	8,880	-1.06
08/16/2021	9:26:44	78786.79	394734.76	32.76	Soil	9,240	-0.82
08/16/2021	9:26:45	78786.84	394734.70	32.65	Soil	9,900	-0.37
08/16/2021	9:26:46	78786.78	394734.54	32.59	Soil	10,620	0.13
08/16/2021	9:26:47	78786.75	394734.58	32.54	Soil	8,640	-1.23
08/16/2021	9:26:48	78786.85	394734.37	32.52	Soil	9,360	-0.74
08/16/2021	9:26:49	78786.70	394734.31	32.50	Soil	10,500	0.04
08/16/2021	9:26:50	78786.76	394734.24	32.47	Soil	9,000	-0.98
08/16/2021	9:26:51	78786.90	394734.11	32.41	Soil	8,640	-1.23
08/16/2021	9:26:52	78786.85	394734.09	32.35	Soil	10,500	0.04
08/16/2021	9:26:53	78786.68	394734.00	32.39	Soil	10,440	0.00
08/16/2021	9:26:54	78786.27	394733.90	32.32	Soil	7,800	-1.80
08/16/2021	9:26:55	78786.43	394733.82	32.23	Soil	8,940	-1.02
08/16/2021	9:26:56	78786.58	394733.71	32.23	Soil	9,180	-0.86
08/16/2021	9:26:57	78786.50	394733.90	32.30	Soil	9,120	-0.90
08/16/2021	9:26:58	78786.60	394733.79	32.24	Soil	9,060	-0.94
08/16/2021	9:26:59	78786.62	394733.50	32.24	Soil	9,120	-0.90
08/16/2021	9:27:00	78786.48	394733.36	32.26	Soil	9,540	-0.61
08/16/2021	9:27:01	78786.41	394733.31	32.26	Soil	8,940	-1.02
08/16/2021	9:27:02	78786.70	394733.07	32.24	Soil	8,820	-1.10
08/16/2021	9:27:03	78786.70	394733.04	32.24	Soil	11,520	0.74
08/16/2021	9:27:04	78786.38	394732.89	32.39	Soil	10,800	0.25
08/16/2021	9:27:05	78786.66	394732.84	32.42	Soil	8,700	-1.19
08/16/2021	9:27:06	78786.74	394732.94	32.40	Soil	9,420	-0.69
08/16/2021	9:27:07	78786.73	394732.85	32.53	Soil	7,800	-1.80
08/16/2021	9:27:08	78786.72	394732.68	32.53	Soil	9,480	-0.65
08/16/2021	9:27:09	78786.85	394732.74	32.57	Soil	8,580	-1.27
08/16/2021	9:27:10	78786.76	394732.66	32.67	Soil	8,580	-1.27
08/16/2021	9:27:11	78786.76	394732.34	32.74	Soil	8,340	-1.43
08/16/2021	9:27:12	78786.97	394732.43	32.74	Soil	9,180	-0.86
08/16/2021	9:27:13	78787.12	394732.62	32.78	Soil	9,540	-0.61
08/16/2021	9:27:14	78787.25	394732.78	32.92	Soil	9,180	-0.86
08/16/2021	9:27:15	78787.28	394732.88	32.92	Soil	8,700	-1.19
08/16/2021	9:27:16	78787.32	394733.00	32.62	Soil	10,200	-0.16

SU 7B GWS RESULTS

08/16/2021	9:27:17	78787.33	394733.19	32.62	Soil	9,360	-0.74
08/16/2021	9:27:18	78787.20	394733.21	32.64	Soil	8,940	-1.02
08/16/2021	9:27:19	78786.86	394733.03	32.68	Soil	9,720	-0.49
08/16/2021	9:27:20	78787.07	394733.13	32.79	Soil	9,600	-0.57
08/16/2021	9:27:21	78787.16	394733.24	32.84	Soil	9,720	-0.49
08/16/2021	9:27:22	78787.15	394733.25	32.87	Soil	8,220	-1.52
08/16/2021	9:27:23	78787.26	394733.36	32.87	Soil	9,420	-0.69
08/16/2021	9:27:24	78787.30	394733.17	32.99	Soil	9,000	-0.98
08/16/2021	9:27:25	78787.32	394733.17	32.99	Soil	10,500	0.04
08/16/2021	9:27:26	78787.28	394733.45	33.09	Soil	8,340	-1.43
08/16/2021	9:27:27	78787.10	394733.55	33.28	Soil	8,460	-1.35
08/16/2021	9:27:28	78787.12	394733.28	33.28	Soil	8,640	-1.23
08/16/2021	9:27:29	78787.02	394733.27	33.36	Soil	9,780	-0.45
08/16/2021	9:27:30	78787.22	394733.14	33.34	Soil	9,900	-0.37
08/16/2021	9:27:31	78787.24	394733.07	33.31	Soil	8,820	-1.10
08/16/2021	9:27:32	78787.46	394733.00	33.34	Soil	10,380	-0.04
08/16/2021	9:27:33	78787.56	394732.84	33.40	Soil	8,940	-1.02
08/16/2021	9:27:34	78787.58	394732.94	33.40	Soil	9,180	-0.86
08/16/2021	9:27:35	78787.68	394732.92	33.37	Soil	9,720	-0.49
08/16/2021	9:27:36	78787.65	394732.87	33.37	Soil	8,640	-1.23
08/16/2021	9:27:37	78787.50	394732.89	33.49	Soil	8,820	-1.10
08/16/2021	9:27:38	78787.35	394732.98	33.51	Soil	8,520	-1.31
08/16/2021	9:27:39	78787.51	394732.86	33.44	Soil	8,520	-1.31
08/16/2021	9:27:40	78787.57	394732.97	33.44	Soil	8,520	-1.31
08/16/2021	9:27:41	78787.57	394733.15	33.49	Soil	10,620	0.13
08/16/2021	9:27:42	78787.40	394733.13	33.56	Soil	9,000	-0.98
08/16/2021	9:27:42	78787.25	394732.94	33.65	Soil	7,080	-2.29
08/16/2021	9:27:43	78787.42	394732.88	33.78	Soil	10,080	-0.24
08/16/2021	9:27:44	78787.31	394733.07	33.88	Soil	9,720	-0.49
08/16/2021	9:27:45	78787.09	394733.05	33.88	Soil	8,040	-1.64
08/16/2021	9:27:46	78786.85	394732.92	34.18	Soil	8,760	-1.15
08/16/2021	9:27:47	78787.23	394733.01	34.18	Soil	10,380	-0.04
08/16/2021	9:27:48	78787.06	394733.15	34.23	Soil	9,060	-0.94
08/16/2021	9:27:49	78787.10	394732.90	34.28	Soil	9,180	-0.86
08/16/2021	9:27:50	78787.30	394732.78	34.46	Soil	8,280	-1.47
08/16/2021	9:27:51	78787.17	394733.10	34.69	Soil	8,700	-1.19
08/16/2021	9:27:52	78786.63	394733.00	34.69	Soil	7,860	-1.76
08/16/2021	9:27:53	78786.51	394733.08	34.67	Soil	9,480	-0.65
08/16/2021	9:27:54	78786.90	394733.05	34.75	Soil	8,640	-1.23
08/16/2021	9:27:55	78786.84	394733.24	34.66	Soil	7,620	-1.93
08/16/2021	9:27:56	78786.68	394733.30	34.59	Soil	8,400	-1.39
08/16/2021	9:27:57	78786.69	394733.24	34.59	Soil	8,400	-1.39
08/16/2021	9:27:58	78786.90	394733.34	34.54	Soil	7,740	-1.84
08/16/2021	9:27:59	78786.94	394733.62	34.46	Soil	9,180	-0.86
08/16/2021	9:28:00	78786.58	394733.53	34.47	Soil	8,520	-1.31
08/16/2021	9:28:01	78786.45	394733.51	34.45	Soil	9,120	-0.90
08/16/2021	9:28:02	78786.13	394733.43	34.49	Soil	8,760	-1.15
08/16/2021	9:28:03	78786.32	394733.40	34.37	Soil	9,120	-0.90
08/16/2021	9:28:04	78786.28	394733.72	34.26	Soil	10,740	0.21
08/16/2021	9:28:05	78786.25	394733.81	34.26	Soil	9,780	-0.45
08/16/2021	9:28:06	78785.93	394733.91	34.27	Soil	9,840	-0.41

SU 7B GWS RESULTS

08/16/2021	9:28:07	78786.12	394733.82	34.22	Soil	8,940	-1.02
08/16/2021	9:28:08	78786.31	394734.03	34.14	Soil	9,540	-0.61
08/16/2021	9:28:09	78786.29	394734.18	34.12	Soil	10,080	-0.24
08/16/2021	9:28:10	78786.13	394734.19	34.16	Soil	8,580	-1.27
08/16/2021	9:28:11	78786.08	394734.18	34.00	Soil	8,340	-1.43
08/16/2021	9:28:12	78786.19	394734.14	34.00	Soil	9,960	-0.32
08/16/2021	9:28:13	78785.95	394734.26	34.01	Soil	7,800	-1.80
08/16/2021	9:28:14	78785.72	394734.14	34.05	Soil	9,060	-0.94
08/16/2021	9:28:15	78785.54	394734.17	33.97	Soil	8,220	-1.52
08/16/2021	9:28:16	78785.35	394734.53	33.78	Soil	9,960	-0.32
08/16/2021	9:28:17	78785.52	394734.90	33.84	Soil	8,580	-1.27
08/16/2021	9:28:18	78785.68	394734.52	33.93	Soil	9,420	-0.69
08/16/2021	9:28:19	78785.74	394734.49	34.04	Soil	8,160	-1.56
08/16/2021	9:28:20	78786.08	394734.61	34.04	Soil	8,520	-1.31
08/16/2021	9:28:21	78786.00	394734.76	33.99	Soil	9,060	-0.94
08/16/2021	9:28:22	78785.85	394734.70	34.02	Soil	8,100	-1.60
08/16/2021	9:28:23	78785.94	394734.80	34.02	Soil	10,140	-0.20
08/16/2021	9:28:24	78785.90	394734.92	33.91	Soil	9,720	-0.49
08/16/2021	9:28:25	78785.81	394735.02	33.98	Soil	9,360	-0.74
08/16/2021	9:28:26	78785.78	394735.04	33.93	Soil	8,520	-1.31
08/16/2021	9:28:27	78785.84	394735.17	33.85	Soil	9,120	-0.90
08/16/2021	9:28:28	78785.62	394735.31	33.92	Soil	7,920	-1.72
08/16/2021	9:28:29	78785.58	394735.31	33.91	Soil	10,140	-0.20
08/16/2021	9:28:30	78785.55	394735.47	33.78	Soil	9,480	-0.65
08/16/2021	9:28:31	78785.82	394735.51	33.92	Soil	10,260	-0.12
08/16/2021	9:28:32	78785.89	394735.41	33.92	Soil	10,740	0.21
08/16/2021	9:28:33	78785.99	394735.57	33.83	Soil	9,720	-0.49
08/16/2021	9:28:34	78786.03	394735.67	33.78	Soil	10,800	0.25
08/16/2021	9:28:35	78785.70	394735.76	33.84	Soil	10,080	-0.24
08/16/2021	9:28:36	78785.75	394735.73	33.84	Soil	12,300	1.28
08/16/2021	9:28:37	78785.93	394736.09	33.79	Soil	12,600	1.48
08/16/2021	9:28:38	78785.95	394736.32	33.73	Soil	12,000	1.07
08/16/2021	9:28:39	78785.72	394735.85	33.85	Soil	10,500	0.04
08/16/2021	9:28:40	78785.59	394735.54	33.88	Soil	14,280	2.63
08/16/2021	9:28:41	78786.03	394735.61	33.89	Soil	13,080	1.81
08/16/2021	9:28:42	78786.04	394735.65	33.89	Soil	12,660	1.52
08/16/2021	9:28:44	78785.88	394735.83	33.88	Soil	12,240	1.23
08/16/2021	9:28:44	78785.46	394736.17	33.84	Soil	13,260	1.93
08/16/2021	9:28:46	78785.67	394735.99	33.85	Soil	13,860	2.34
08/16/2021	9:28:47	78785.91	394736.16	33.85	Soil	14,520	2.79
08/16/2021	9:28:47	78785.91	394736.23	33.85	Soil	14,220	2.59
08/16/2021	9:28:49	78785.66	394736.10	33.83	Soil	16,020	3.82
08/16/2021	9:28:50	78785.77	394736.13	33.86	Soil	15,720	3.61
08/16/2021	9:28:50	78785.67	394736.27	33.80	Soil	15,840	3.70
08/16/2021	9:28:51	78785.72	394736.16	33.81	Soil	14,220	2.59
08/16/2021	9:28:52	78785.67	394736.15	33.82	Soil	12,540	1.44
08/16/2021	9:28:53	78785.42	394735.98	33.82	Soil	13,320	1.97
08/16/2021	9:28:55	78785.67	394736.09	33.81	Soil	13,500	2.10
08/16/2021	9:28:55	78785.76	394736.37	33.75	Soil	12,780	1.60
08/16/2021	9:28:56	78785.73	394736.45	33.77	Soil	14,880	3.04
08/16/2021	9:28:57	78785.66	394736.48	33.82	Soil	12,900	1.69

SU 7B GWS RESULTS

08/16/2021	9:28:58	78785.85	394736.45	33.82	Soil	14,340	2.67
08/16/2021	9:29:00	78785.73	394736.67	33.74	Soil	15,300	3.33
08/16/2021	9:29:00	78785.64	394736.63	33.79	Soil	12,900	1.69
08/16/2021	9:29:01	78785.68	394736.50	33.85	Soil	16,620	4.23
08/16/2021	9:29:02	78785.67	394736.74	33.86	Soil	12,900	1.69
08/16/2021	9:29:04	78785.45	394736.86	33.85	Soil	13,740	2.26
08/16/2021	9:29:04	78785.53	394736.56	33.92	Soil	14,700	2.92
08/16/2021	9:29:06	78785.70	394736.74	33.98	Soil	13,920	2.38
08/16/2021	9:29:07	78785.77	394736.91	33.96	Soil	15,480	3.45
08/16/2021	9:29:07	78785.51	394736.98	33.95	Soil	11,580	0.78
08/16/2021	9:29:08	78785.48	394736.85	33.96	Soil	13,380	2.01
08/16/2021	9:29:09	78785.63	394737.00	33.95	Soil	13,200	1.89
08/16/2021	9:29:10	78785.69	394737.20	33.93	Soil	14,760	2.96
08/16/2021	9:29:11	78785.45	394737.24	33.92	Soil	12,660	1.52
08/16/2021	9:29:13	78785.37	394737.05	33.93	Soil	14,160	2.55
08/16/2021	9:29:13	78785.62	394737.11	33.96	Soil	11,280	0.58
08/16/2021	9:29:14	78785.72	394737.27	34.02	Soil	12,060	1.11
08/16/2021	9:29:16	78785.42	394737.29	34.11	Soil	11,760	0.91
08/16/2021	9:29:16	78785.41	394737.13	34.16	Soil	11,760	0.91
08/16/2021	9:29:18	78785.50	394737.34	34.20	Soil	11,700	0.87
08/16/2021	9:29:18	78785.47	394737.53	34.25	Soil	11,520	0.74
08/16/2021	9:29:19	78785.38	394737.40	34.31	Soil	12,300	1.28
08/16/2021	9:29:20	78785.46	394737.46	34.37	Soil	10,800	0.25
08/16/2021	9:29:21	78785.42	394737.40	34.41	Soil	11,520	0.74
08/16/2021	9:29:22	78785.33	394737.36	34.49	Soil	11,460	0.70
08/16/2021	9:29:23	78785.33	394737.16	34.49	Soil	12,120	1.15
08/16/2021	9:29:24	78785.48	394736.75	34.42	Soil	11,940	1.03
08/16/2021	9:29:25	78785.71	394736.68	34.42	Soil	12,240	1.23
08/16/2021	9:29:26	78786.03	394736.51	34.34	Soil	12,780	1.60
08/16/2021	9:29:27	78785.55	394736.65	34.45	Soil	12,780	1.60
08/16/2021	9:29:28	78785.45	394737.02	34.55	Soil	13,080	1.81
08/16/2021	9:29:29	78785.39	394737.04	34.60	Soil	15,000	3.12
08/16/2021	9:29:30	78785.48	394737.09	34.62	Soil	12,360	1.32
08/16/2021	9:29:32	78785.44	394737.08	34.62	Soil	11,640	0.82
08/16/2021	9:29:32	78785.40	394737.06	34.63	Soil	12,420	1.36
08/16/2021	9:29:33	78785.46	394737.04	34.62	Soil	12,420	1.36
08/16/2021	9:29:34	78785.47	394737.04	34.62	Soil	11,640	0.82
08/16/2021	9:29:35	78785.42	394737.05	34.61	Soil	13,980	2.42
08/16/2021	9:29:36	78785.43	394737.03	34.61	Soil	12,540	1.44
08/16/2021	9:29:38	78785.39	394736.97	34.60	Soil	13,380	2.01
08/16/2021	9:29:38	78785.45	394736.88	34.57	Soil	12,180	1.19
08/16/2021	9:29:39	78785.86	394736.53	34.47	Soil	12,720	1.56
08/16/2021	9:29:40	78785.83	394736.83	34.53	Soil	12,480	1.40
08/16/2021	9:29:41	78785.98	394736.73	34.54	Soil	12,120	1.15
08/16/2021	9:29:42	78786.06	394736.81	34.57	Soil	12,960	1.73
08/16/2021	9:29:43	78785.84	394736.77	34.59	Soil	13,140	1.85
08/16/2021	9:29:44	78785.59	394736.62	34.59	Soil	12,600	1.48
08/16/2021	9:29:45	78785.53	394736.48	34.58	Soil	15,120	3.20
08/16/2021	9:29:46	78785.74	394736.39	34.58	Soil	12,120	1.15
08/16/2021	9:29:47	78785.62	394736.44	34.58	Soil	13,080	1.81
08/16/2021	9:29:48	78785.38	394736.38	34.62	Soil	12,180	1.19

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08/16/2021	9:29:49	78785.31	394736.26	34.63	Soil	13,800	2.30
08/16/2021	9:29:50	78785.62	394736.14	34.59	Soil	13,440	2.06
08/16/2021	9:29:51	78785.56	394736.23	34.60	Soil	12,960	1.73
08/16/2021	9:29:52	78785.64	394736.20	34.64	Soil	13,200	1.89
08/16/2021	9:29:53	78785.55	394736.04	34.66	Soil	11,760	0.91
08/16/2021	9:29:54	78785.76	394735.87	34.60	Soil	11,160	0.50
08/16/2021	9:29:55	78785.95	394735.84	34.59	Soil	13,440	2.06
08/16/2021	9:29:56	78785.59	394735.93	34.66	Soil	12,780	1.60
08/16/2021	9:29:57	78785.40	394735.80	34.60	Soil	11,040	0.41
08/16/2021	9:29:58	78785.61	394735.67	34.58	Soil	11,340	0.62
08/16/2021	9:29:59	78785.81	394735.73	34.56	Soil	10,920	0.33
08/16/2021	9:30:00	78785.56	394735.70	34.56	Soil	11,940	1.03
08/16/2021	9:30:01	78785.43	394735.71	34.58	Soil	8,820	-1.10
08/16/2021	9:30:02	78785.59	394735.63	34.57	Soil	12,600	1.48
08/16/2021	9:30:03	78785.72	394735.68	34.54	Soil	11,520	0.74
08/16/2021	9:30:04	78785.46	394735.70	34.55	Soil	13,680	2.22
08/16/2021	9:30:05	78785.33	394735.56	34.59	Soil	11,640	0.82
08/16/2021	9:30:06	78785.41	394735.50	34.58	Soil	11,520	0.74
08/16/2021	9:30:07	78785.52	394735.41	34.54	Soil	12,840	1.65
08/16/2021	9:30:08	78785.23	394735.36	34.55	Soil	12,120	1.15
08/16/2021	9:30:09	78785.15	394735.36	34.60	Soil	12,240	1.23
08/16/2021	9:30:10	78785.49	394735.18	34.58	Soil	10,740	0.21
08/16/2021	9:30:11	78785.58	394735.11	34.62	Soil	12,000	1.07
08/16/2021	9:30:12	78785.54	394735.07	34.56	Soil	12,240	1.23
08/16/2021	9:30:13	78785.26	394735.06	34.60	Soil	10,500	0.04
08/16/2021	9:30:14	78785.31	394734.93	34.58	Soil	11,580	0.78
08/16/2021	9:30:15	78785.72	394734.96	34.57	Soil	9,660	-0.53
08/16/2021	9:30:16	78785.46	394734.85	34.55	Soil	9,540	-0.61
08/16/2021	9:30:17	78785.14	394734.86	34.58	Soil	10,320	-0.08
08/16/2021	9:30:18	78785.14	394734.94	34.60	Soil	8,820	-1.10
08/16/2021	9:30:19	78785.47	394734.80	34.57	Soil	9,120	-0.90
08/16/2021	9:30:20	78785.70	394734.79	34.55	Soil	8,880	-1.06
08/16/2021	9:30:21	78785.28	394734.84	34.59	Soil	9,900	-0.37
08/16/2021	9:30:22	78785.01	394734.74	34.59	Soil	10,260	-0.12
08/16/2021	9:30:23	78785.12	394734.58	34.57	Soil	10,980	0.37
08/16/2021	9:30:24	78785.57	394734.71	34.54	Soil	9,900	-0.37
08/16/2021	9:30:25	78785.46	394734.79	34.54	Soil	9,840	-0.41
08/16/2021	9:30:26	78785.46	394734.48	34.51	Soil	8,340	-1.43
08/16/2021	9:30:27	78785.60	394734.35	34.52	Soil	8,700	-1.19
08/16/2021	9:30:28	78785.67	394734.31	34.45	Soil	8,340	-1.43
08/16/2021	9:30:29	78785.38	394734.22	34.43	Soil	8,280	-1.47
08/16/2021	9:30:30	78785.26	394734.36	34.49	Soil	9,960	-0.32
08/16/2021	9:30:31	78785.58	394734.33	34.44	Soil	9,360	-0.74
08/16/2021	9:30:32	78785.68	394734.27	34.40	Soil	8,640	-1.23
08/16/2021	9:30:33	78785.59	394734.37	34.46	Soil	10,440	0.00
08/16/2021	9:30:34	78785.70	394734.22	34.45	Soil	8,520	-1.31
08/16/2021	9:30:35	78785.98	394733.86	34.32	Soil	9,240	-0.82
08/16/2021	9:30:36	78785.89	394734.15	34.32	Soil	9,840	-0.41
08/16/2021	9:30:37	78785.45	394734.05	34.35	Soil	7,200	-2.21
08/16/2021	9:30:38	78785.47	394734.02	34.30	Soil	9,120	-0.90
08/16/2021	9:30:39	78785.71	394734.01	34.29	Soil	8,400	-1.39

SU 7B GWS RESULTS

08/16/2021	9:30:40	78785.62	394734.03	34.23	Soil	9,660	-0.53
08/16/2021	9:30:41	78785.52	394733.97	34.21	Soil	9,420	-0.69
08/16/2021	9:30:42	78785.56	394733.80	34.17	Soil	7,860	-1.76
08/16/2021	9:30:43	78785.74	394733.83	34.10	Soil	11,160	0.50
08/16/2021	9:30:44	78785.67	394733.68	34.03	Soil	9,000	-0.98
08/16/2021	9:30:45	78785.79	394733.47	33.92	Soil	8,760	-1.15
08/16/2021	9:30:46	78786.05	394733.48	33.88	Soil	9,780	-0.45
08/16/2021	9:30:47	78785.78	394733.54	33.83	Soil	8,700	-1.19
08/16/2021	9:30:48	78785.53	394733.36	33.73	Soil	9,060	-0.94
08/16/2021	9:30:49	78785.76	394733.13	33.76	Soil	9,720	-0.49
08/16/2021	9:30:50	78785.59	394733.09	33.74	Soil	7,800	-1.80
08/16/2021	9:30:51	78785.47	394733.10	33.74	Soil	9,240	-0.82
08/16/2021	9:30:52	78785.75	394733.01	33.73	Soil	9,360	-0.74
08/16/2021	9:30:53	78785.90	394733.07	33.71	Soil	9,180	-0.86
08/16/2021	9:30:54	78785.81	394732.93	33.72	Soil	7,860	-1.76
08/16/2021	9:30:55	78785.80	394732.94	33.71	Soil	9,300	-0.78
08/16/2021	9:30:56	78786.00	394733.06	33.69	Soil	9,120	-0.90
08/16/2021	9:30:57	78785.91	394732.90	33.70	Soil	8,520	-1.31
08/16/2021	9:30:58	78785.63	394732.90	33.80	Soil	8,880	-1.06
08/16/2021	9:30:59	78786.01	394732.81	33.78	Soil	7,860	-1.76
08/16/2021	9:31:00	78786.07	394732.84	33.78	Soil	7,200	-2.21
08/16/2021	9:31:01	78786.03	394732.45	33.78	Soil	7,380	-2.09
08/16/2021	9:31:02	78786.01	394732.27	33.71	Soil	6,960	-2.38
08/16/2021	9:31:03	78785.33	394732.51	33.74	Soil	7,980	-1.68
08/16/2021	9:31:04	78785.17	394732.76	33.79	Soil	6,780	-2.50
08/16/2021	9:31:05	78785.11	394732.96	33.75	Soil	9,120	-0.90
08/16/2021	9:31:06	78785.01	394733.09	33.80	Soil	8,400	-1.39
08/16/2021	9:31:07	78784.96	394733.03	33.88	Soil	7,980	-1.68
08/16/2021	9:31:08	78785.00	394733.04	33.97	Soil	8,880	-1.06
08/16/2021	9:31:09	78785.04	394733.15	34.06	Soil	9,240	-0.82
08/16/2021	9:31:10	78785.00	394733.10	34.13	Soil	9,000	-0.98
08/16/2021	9:31:11	78784.96	394733.10	34.19	Soil	8,880	-1.06
08/16/2021	9:31:12	78784.94	394733.05	34.29	Soil	8,760	-1.15
08/16/2021	9:31:13	78784.89	394733.03	34.35	Soil	8,340	-1.43
08/16/2021	9:31:14	78784.91	394733.13	34.37	Soil	9,720	-0.49
08/16/2021	9:31:15	78784.88	394733.14	34.43	Soil	8,760	-1.15
08/16/2021	9:31:16	78784.86	394733.15	34.50	Soil	8,520	-1.31
08/16/2021	9:31:17	78784.84	394733.18	34.57	Soil	9,060	-0.94
08/16/2021	9:31:18	78784.92	394733.11	34.64	Soil	10,500	0.04
08/16/2021	9:31:19	78784.88	394733.17	34.71	Soil	9,000	-0.98
08/16/2021	9:31:20	78784.98	394733.23	34.82	Soil	7,200	-2.21
08/16/2021	9:31:21	78785.05	394733.57	34.93	Soil	7,200	-2.21
08/16/2021	9:31:22	78784.83	394733.64	35.09	Soil	9,600	-0.57
08/16/2021	9:31:23	78784.86	394733.69	35.17	Soil	10,980	0.37
08/16/2021	9:31:24	78784.80	394733.79	35.17	Soil	9,060	-0.94
08/16/2021	9:31:25	78784.73	394733.78	35.25	Soil	9,240	-0.82
08/16/2021	9:31:26	78784.55	394733.81	35.27	Soil	9,060	-0.94
08/16/2021	9:31:27	78784.80	394733.90	35.28	Soil	9,420	-0.69
08/16/2021	9:31:28	78784.94	394733.86	35.33	Soil	9,720	-0.49
08/16/2021	9:31:29	78784.76	394734.02	35.31	Soil	7,800	-1.80
08/16/2021	9:31:30	78784.57	394734.25	35.29	Soil	10,380	-0.04

SU 7B GWS RESULTS

08/16/2021	9:31:31	78784.77	394734.38	35.25	Soil	9,360	-0.74
08/16/2021	9:31:32	78784.85	394734.41	35.31	Soil	8,100	-1.60
08/16/2021	9:31:33	78784.55	394734.51	35.30	Soil	8,700	-1.19
08/16/2021	9:31:34	78784.41	394734.57	35.32	Soil	9,420	-0.69
08/16/2021	9:31:35	78784.71	394734.57	35.34	Soil	8,100	-1.60
08/16/2021	9:31:36	78784.42	394734.75	35.29	Soil	9,780	-0.45
08/16/2021	9:31:37	78784.34	394734.87	35.31	Soil	11,460	0.70
08/16/2021	9:31:38	78784.52	394734.88	35.40	Soil	11,160	0.50
08/16/2021	9:31:39	78784.50	394735.10	35.39	Soil	9,120	-0.90
08/16/2021	9:31:40	78784.27	394735.35	35.37	Soil	8,460	-1.35
08/16/2021	9:31:41	78784.50	394735.22	35.32	Soil	7,860	-1.76
08/16/2021	9:31:42	78784.55	394735.22	35.17	Soil	7,800	-1.80
08/16/2021	9:31:43	78784.70	394734.96	35.12	Soil	10,380	-0.04
08/16/2021	9:31:44	78784.50	394734.80	35.06	Soil	10,320	-0.08
08/16/2021	9:31:45	78784.55	394734.76	35.08	Soil	9,840	-0.41
08/16/2021	9:31:46	78784.46	394734.94	35.10	Soil	7,920	-1.72
08/16/2021	9:31:47	78784.63	394735.28	35.12	Soil	9,240	-0.82
08/16/2021	9:31:48	78784.98	394735.17	35.18	Soil	8,880	-1.06
08/16/2021	9:31:49	78784.91	394735.26	35.16	Soil	10,800	0.25
08/16/2021	9:31:50	78784.70	394735.23	35.13	Soil	9,720	-0.49
08/16/2021	9:31:51	78784.78	394735.38	35.11	Soil	10,980	0.37
08/16/2021	9:31:52	78785.03	394735.50	35.06	Soil	9,720	-0.49
08/16/2021	9:31:53	78784.98	394735.51	35.04	Soil	8,700	-1.19
08/16/2021	9:31:54	78784.71	394735.56	35.05	Soil	7,620	-1.93
08/16/2021	9:31:55	78784.81	394735.54	35.03	Soil	10,740	0.21
08/16/2021	9:31:56	78784.85	394735.61	35.01	Soil	9,840	-0.41
08/16/2021	9:31:57	78784.86	394735.63	35.00	Soil	8,100	-1.60
08/16/2021	9:31:58	78784.73	394735.59	35.03	Soil	10,080	-0.24
08/16/2021	9:31:59	78784.70	394735.63	35.05	Soil	13,380	2.01
08/16/2021	9:32:00	78784.68	394735.66	35.03	Soil	11,100	0.45
08/16/2021	9:32:01	78784.84	394735.80	34.99	Soil	11,520	0.74
08/16/2021	9:32:02	78784.80	394735.82	35.01	Soil	9,240	-0.82
08/16/2021	9:32:03	78784.73	394735.76	35.01	Soil	11,760	0.91
08/16/2021	9:32:04	78784.71	394735.74	35.01	Soil	11,520	0.74
08/16/2021	9:32:05	78784.72	394735.70	35.00	Soil	11,340	0.62
08/16/2021	9:32:06	78784.70	394735.78	34.98	Soil	13,920	2.38
08/16/2021	9:32:07	78784.60	394735.89	34.96	Soil	9,900	-0.37
08/16/2021	9:32:08	78784.63	394735.87	34.90	Soil	10,320	-0.08
08/16/2021	9:32:09	78784.92	394735.89	34.86	Soil	9,720	-0.49
08/16/2021	9:32:10	78785.13	394735.88	34.85	Soil	9,780	-0.45
08/16/2021	9:32:11	78785.16	394735.83	34.86	Soil	11,460	0.70
08/16/2021	9:32:12	78784.95	394735.83	34.89	Soil	9,840	-0.41
08/16/2021	9:32:13	78784.84	394735.82	34.90	Soil	10,020	-0.28
08/16/2021	9:32:14	78784.89	394735.87	34.95	Soil	10,920	0.33
08/16/2021	9:32:15	78784.87	394735.90	34.92	Soil	9,900	-0.37
08/16/2021	9:32:16	78784.94	394735.79	34.91	Soil	11,700	0.87
08/16/2021	9:32:17	78784.89	394735.75	34.87	Soil	10,920	0.33
08/16/2021	9:32:18	78784.79	394735.76	34.87	Soil	11,700	0.87
08/16/2021	9:32:19	78784.91	394735.72	34.85	Soil	10,860	0.29
08/16/2021	9:32:20	78784.97	394735.85	34.86	Soil	9,240	-0.82
08/16/2021	9:32:21	78785.11	394736.03	34.86	Soil	11,220	0.54

SU 7B GWS RESULTS

08/16/2021	9:32:22	78785.03	394736.09	34.85	Soil	12,000	1.07
08/16/2021	9:32:23	78784.91	394736.19	34.85	Soil	9,960	-0.32
08/16/2021	9:32:24	78785.11	394736.39	34.83	Soil	10,800	0.25
08/16/2021	9:32:25	78785.11	394736.44	34.78	Soil	10,860	0.29
08/16/2021	9:32:26	78784.99	394736.47	34.82	Soil	11,220	0.54
08/16/2021	9:32:27	78784.87	394736.51	34.84	Soil	10,860	0.29
08/16/2021	9:32:28	78785.05	394736.50	34.81	Soil	10,020	-0.28
08/16/2021	9:32:29	78785.07	394736.57	34.79	Soil	10,560	0.09
08/16/2021	9:32:30	78785.00	394736.60	34.81	Soil	9,480	-0.65
08/16/2021	9:32:31	78784.92	394736.59	34.81	Soil	10,200	-0.16
08/16/2021	9:32:32	78785.02	394736.63	34.81	Soil	9,660	-0.53
08/16/2021	9:32:33	78785.12	394736.86	34.79	Soil	12,120	1.15
08/16/2021	9:32:34	78785.00	394736.96	34.77	Soil	12,540	1.44
08/16/2021	9:32:35	78784.89	394736.93	34.76	Soil	11,880	0.99
08/16/2021	9:32:36	78785.05	394736.91	34.76	Soil	12,720	1.56
08/16/2021	9:32:37	78785.10	394737.07	34.73	Soil	13,800	2.30
08/16/2021	9:32:38	78785.06	394737.21	34.69	Soil	11,100	0.45
08/16/2021	9:32:39	78785.01	394737.25	34.65	Soil	13,440	2.06
08/16/2021	9:32:40	78785.10	394737.24	34.64	Soil	13,500	2.10
08/16/2021	9:32:41	78785.19	394737.28	34.65	Soil	13,980	2.42
08/16/2021	9:32:42	78785.25	394737.39	34.70	Soil	12,240	1.23
08/16/2021	9:32:43	78785.12	394737.36	34.72	Soil	13,860	2.34
08/16/2021	9:32:44	78784.96	394737.40	34.76	Soil	12,840	1.65
08/16/2021	9:32:45	78784.94	394737.60	34.78	Soil	13,980	2.42
08/16/2021	9:32:46	78784.72	394737.45	34.83	Soil	11,520	0.74
08/16/2021	9:32:47	78784.71	394737.42	34.84	Soil	11,820	0.95
08/16/2021	9:32:48	78784.49	394737.35	34.83	Soil	14,280	2.63
08/16/2021	9:32:49	78784.47	394737.44	34.89	Soil	12,780	1.60
08/16/2021	9:32:50	78784.55	394737.33	34.96	Soil	13,440	2.06
08/16/2021	9:32:51	78784.52	394737.07	35.00	Soil	13,620	2.18
08/16/2021	9:32:52	78784.08	394737.20	34.91	Soil	13,020	1.77
08/16/2021	9:32:53	78783.65	394737.25	34.91	Soil	12,420	1.36
08/16/2021	9:32:54	78783.87	394736.96	35.05	Soil	13,980	2.42
08/16/2021	9:32:55	78784.21	394736.83	34.92	Soil	10,920	0.33
08/16/2021	9:32:56	78784.36	394736.69	34.94	Soil	9,840	-0.41
08/16/2021	9:32:57	78784.34	394736.54	34.94	Soil	11,160	0.50
08/16/2021	9:32:58	78784.28	394736.54	34.93	Soil	9,780	-0.45
08/16/2021	9:32:59	78784.26	394736.58	34.95	Soil	10,440	0.00
08/16/2021	9:33:00	78784.25	394736.64	34.97	Soil	10,500	0.04
08/16/2021	9:33:01	78784.28	394736.67	35.01	Soil	10,440	0.00
08/16/2021	9:33:02	78784.34	394736.67	35.05	Soil	11,880	0.99
08/16/2021	9:33:03	78784.36	394736.60	35.05	Soil	10,020	-0.28
08/16/2021	9:33:04	78784.67	394736.47	35.06	Soil	11,640	0.82
08/16/2021	9:33:05	78784.52	394736.99	35.22	Soil	14,580	2.84
08/16/2021	9:33:06	78784.54	394736.61	35.28	Soil	12,000	1.07
08/16/2021	9:33:07	78784.66	394736.57	35.31	Soil	12,780	1.60
08/16/2021	9:33:08	78784.61	394736.55	35.39	Soil	10,980	0.37
08/16/2021	9:33:09	78784.31	394736.48	35.46	Soil	12,900	1.69
08/16/2021	9:33:10	78784.11	394736.60	35.47	Soil	10,320	-0.08
08/16/2021	9:33:11	78784.26	394736.39	35.37	Soil	12,420	1.36
08/16/2021	9:33:12	78784.37	394736.23	35.40	Soil	12,360	1.32

SU 7B GWS RESULTS

08/16/2021	9:33:13	78784.33	394736.27	35.47	Soil	12,240	1.23
08/16/2021	9:33:14	78784.51	394736.23	35.46	Soil	13,320	1.97
08/16/2021	9:33:15	78784.77	394736.25	35.41	Soil	12,900	1.69
08/16/2021	9:33:16	78784.78	394736.17	35.40	Soil	11,220	0.54
08/16/2021	9:33:17	78784.35	394736.15	35.47	Soil	10,440	0.00
08/16/2021	9:33:18	78784.12	394736.11	35.42	Soil	10,260	-0.12
08/16/2021	9:33:19	78784.17	394736.08	35.32	Soil	10,740	0.21
08/16/2021	9:33:20	78784.50	394736.08	35.30	Soil	11,160	0.50
08/16/2021	9:33:21	78784.68	394735.91	35.18	Soil	10,800	0.25
08/16/2021	9:33:22	78784.52	394735.98	35.15	Soil	9,240	-0.82
08/16/2021	9:33:23	78784.42	394736.38	35.14	Soil	10,140	-0.20
08/16/2021	9:33:24	78784.66	394736.21	35.09	Soil	10,500	0.04
08/16/2021	9:33:25	78784.71	394736.23	35.07	Soil	11,100	0.45
08/16/2021	9:33:26	78784.78	394736.05	35.02	Soil	9,180	-0.86
08/16/2021	9:33:27	78784.89	394736.18	35.07	Soil	11,640	0.82
08/16/2021	9:33:28	78784.84	394736.14	35.07	Soil	12,180	1.19
08/16/2021	9:33:29	78784.64	394736.00	35.12	Soil	10,260	-0.12
08/16/2021	9:33:30	78784.76	394735.79	35.04	Soil	10,140	-0.20
08/16/2021	9:33:31	78784.92	394736.04	35.03	Soil	9,600	-0.57
08/16/2021	9:33:32	78784.94	394735.97	34.98	Soil	9,720	-0.49
08/16/2021	9:33:33	78784.79	394736.02	35.01	Soil	10,920	0.33
08/16/2021	9:33:34	78784.62	394735.79	35.03	Soil	11,160	0.50
08/16/2021	9:33:35	78784.70	394735.77	34.99	Soil	11,640	0.82
08/16/2021	9:33:36	78784.91	394735.68	34.96	Soil	9,900	-0.37
08/16/2021	9:33:37	78784.69	394735.67	34.99	Soil	10,200	-0.16
08/16/2021	9:33:38	78784.63	394735.58	34.97	Soil	10,620	0.13
08/16/2021	9:33:39	78784.92	394735.51	34.94	Soil	10,080	-0.24
08/16/2021	9:33:40	78784.89	394735.46	34.89	Soil	10,860	0.29
08/16/2021	9:33:41	78784.65	394735.36	34.92	Soil	12,540	1.44
08/16/2021	9:33:42	78784.63	394735.35	34.89	Soil	10,980	0.37
08/16/2021	9:33:43	78784.91	394735.35	34.88	Soil	11,520	0.74
08/16/2021	9:33:44	78784.74	394735.17	34.89	Soil	14,340	2.67
08/16/2021	9:33:45	78784.72	394734.99	34.83	Soil	9,360	-0.74
08/16/2021	9:33:46	78784.93	394735.06	34.82	Soil	9,840	-0.41
08/16/2021	9:33:47	78784.91	394734.99	34.78	Soil	10,200	-0.16
08/16/2021	9:33:48	78784.75	394734.88	34.76	Soil	10,320	-0.08
08/16/2021	9:33:49	78784.82	394734.64	34.71	Soil	10,140	-0.20
08/16/2021	9:33:50	78784.94	394734.66	34.69	Soil	8,760	-1.15
08/16/2021	9:33:51	78784.80	394734.57	34.65	Soil	8,820	-1.10
08/16/2021	9:33:52	78784.81	394734.33	34.57	Soil	9,360	-0.74
08/16/2021	9:33:53	78784.94	394734.32	34.56	Soil	7,740	-1.84
08/16/2021	9:33:54	78784.85	394734.36	34.57	Soil	8,520	-1.31
08/16/2021	9:33:55	78784.61	394734.14	34.53	Soil	9,960	-0.32
08/16/2021	9:33:56	78784.76	394734.15	34.53	Soil	9,600	-0.57
08/16/2021	9:33:57	78784.99	394734.20	34.50	Soil	7,500	-2.01
08/16/2021	9:33:58	78784.96	394734.03	34.47	Soil	8,580	-1.27
08/16/2021	9:33:59	78784.83	394733.74	34.46	Soil	9,120	-0.90
08/16/2021	9:34:00	78784.88	394733.63	34.49	Soil	7,740	-1.84
08/16/2021	9:34:01	78784.82	394733.63	34.47	Soil	9,600	-0.57
08/16/2021	9:34:02	78784.69	394733.45	34.43	Soil	8,760	-1.15
08/16/2021	9:34:03	78784.79	394733.51	34.39	Soil	9,600	-0.57

SU 7B GWS RESULTS

08/16/2021	9:34:04	78784.82	394733.43	34.46	Soil	9,420	-0.69
08/16/2021	9:34:05	78784.49	394733.32	34.42	Soil	8,880	-1.06
08/16/2021	9:34:06	78784.36	394733.30	34.44	Soil	9,600	-0.57
08/16/2021	9:34:07	78784.81	394733.19	34.50	Soil	9,540	-0.61
08/16/2021	9:34:08	78784.83	394733.09	34.52	Soil	10,440	0.00
08/16/2021	9:34:09	78784.67	394732.90	34.58	Soil	11,040	0.41
08/16/2021	9:34:10	78784.90	394732.67	34.62	Soil	10,440	0.00
08/16/2021	9:34:11	78784.87	394732.72	34.55	Soil	8,940	-1.02
08/16/2021	9:34:12	78784.69	394732.74	34.53	Soil	12,180	1.19
08/16/2021	9:34:13	78784.84	394732.68	34.45	Soil	8,580	-1.27
08/16/2021	9:34:14	78784.84	394732.62	34.48	Soil	8,820	-1.10
08/16/2021	9:34:15	78784.80	394732.52	34.51	Soil	8,640	-1.23
08/16/2021	9:34:16	78784.95	394732.37	34.46	Soil	8,460	-1.35
08/16/2021	9:34:17	78785.01	394732.51	34.57	Soil	8,820	-1.10
08/16/2021	9:34:18	78784.80	394732.38	34.74	Soil	10,140	-0.20
08/16/2021	9:34:19	78784.56	394732.15	34.82	Soil	8,700	-1.19
08/16/2021	9:34:20	78784.53	394732.20	34.86	Soil	11,280	0.58
08/16/2021	9:34:21	78784.67	394732.37	34.96	Soil	9,120	-0.90
08/16/2021	9:34:22	78784.52	394732.37	35.01	Soil	7,680	-1.88
08/16/2021	9:34:23	78784.38	394732.28	35.03	Soil	9,180	-0.86
08/16/2021	9:34:24	78784.50	394732.53	34.99	Soil	8,460	-1.35
08/16/2021	9:34:25	78784.26	394733.41	34.84	Soil	9,120	-0.90
08/16/2021	9:34:26	78783.54	394733.28	34.94	Soil	7,560	-1.97
08/16/2021	9:34:27	78783.38	394733.13	35.03	Soil	8,460	-1.35
08/16/2021	9:34:28	78783.67	394733.48	35.16	Soil	9,300	-0.78
08/16/2021	9:34:29	78783.61	394733.48	35.24	Soil	10,020	-0.28
08/16/2021	9:34:30	78783.76	394733.52	35.31	Soil	11,040	0.41
08/16/2021	9:34:31	78783.88	394733.64	35.26	Soil	9,900	-0.37
08/16/2021	9:34:32	78783.84	394733.82	35.23	Soil	9,420	-0.69
08/16/2021	9:34:33	78783.55	394733.75	35.29	Soil	10,500	0.04
08/16/2021	9:34:34	78783.62	394733.65	35.26	Soil	9,720	-0.49
08/16/2021	9:34:35	78783.87	394733.80	35.30	Soil	8,640	-1.23
08/16/2021	9:34:36	78783.91	394733.92	35.26	Soil	9,360	-0.74
08/16/2021	9:34:37	78783.57	394733.88	35.26	Soil	10,860	0.29
08/16/2021	9:34:38	78783.83	394733.89	35.22	Soil	9,540	-0.61
08/16/2021	9:34:39	78784.09	394734.32	35.18	Soil	8,580	-1.27
08/16/2021	9:34:40	78783.70	394734.60	35.04	Soil	9,900	-0.37
08/16/2021	9:34:41	78783.69	394734.69	35.02	Soil	8,160	-1.56
08/16/2021	9:34:42	78783.99	394734.65	35.06	Soil	8,700	-1.19
08/16/2021	9:34:43	78783.93	394734.83	35.04	Soil	9,480	-0.65
08/16/2021	9:34:44	78783.66	394734.80	35.06	Soil	9,300	-0.78
08/16/2021	9:34:45	78783.69	394734.70	35.09	Soil	10,140	-0.20
08/16/2021	9:34:46	78783.80	394734.83	35.11	Soil	10,260	-0.12
08/16/2021	9:34:47	78783.74	394735.04	35.10	Soil	8,760	-1.15
08/16/2021	9:34:48	78783.59	394735.07	35.08	Soil	8,760	-1.15
08/16/2021	9:34:49	78783.84	394735.03	35.12	Soil	9,000	-0.98
08/16/2021	9:34:50	78784.12	394735.09	35.06	Soil	10,320	-0.08
08/16/2021	9:34:51	78783.80	394735.06	35.03	Soil	8,820	-1.10
08/16/2021	9:34:52	78784.01	394735.01	35.04	Soil	9,000	-0.98
08/16/2021	9:34:53	78784.10	394735.30	35.04	Soil	10,260	-0.12
08/16/2021	9:34:54	78783.80	394735.51	35.02	Soil	8,820	-1.10

SU 7B GWS RESULTS

08/16/2021	9:34:55	78783.81	394735.43	35.03	Soil	7,680	-1.88
08/16/2021	9:34:56	78783.82	394735.46	34.93	Soil	10,200	-0.16
08/16/2021	9:34:57	78783.77	394735.48	34.88	Soil	10,260	-0.12
08/16/2021	9:34:58	78783.69	394735.49	34.90	Soil	9,060	-0.94
08/16/2021	9:34:59	78783.70	394735.60	34.86	Soil	9,900	-0.37
08/16/2021	9:35:00	78783.85	394735.78	34.84	Soil	9,060	-0.94
08/16/2021	9:35:01	78783.72	394735.90	34.83	Soil	11,040	0.41
08/16/2021	9:35:02	78783.84	394735.91	34.84	Soil	10,860	0.29
08/16/2021	9:35:03	78783.85	394736.14	34.75	Soil	10,500	0.04
08/16/2021	9:35:04	78783.78	394736.29	34.74	Soil	10,020	-0.28
08/16/2021	9:35:05	78783.79	394736.22	34.75	Soil	9,660	-0.53
08/16/2021	9:35:06	78784.14	394736.26	34.83	Soil	9,180	-0.86
08/16/2021	9:35:07	78783.90	394736.16	34.75	Soil	9,900	-0.37
08/16/2021	9:35:08	78783.63	394736.14	34.73	Soil	10,740	0.21
08/16/2021	9:35:09	78783.69	394736.22	34.70	Soil	9,540	-0.61
08/16/2021	9:35:10	78784.00	394736.45	34.74	Soil	10,860	0.29
08/16/2021	9:35:11	78783.93	394736.55	34.66	Soil	11,520	0.74
08/16/2021	9:35:12	78783.69	394736.54	34.61	Soil	9,780	-0.45
08/16/2021	9:35:13	78783.74	394736.65	34.57	Soil	9,780	-0.45
08/16/2021	9:35:14	78783.93	394736.44	34.65	Soil	11,880	0.99
08/16/2021	9:35:15	78784.04	394736.64	34.60	Soil	10,380	-0.04
08/16/2021	9:35:16	78783.56	394736.57	34.60	Soil	8,880	-1.06
08/16/2021	9:35:17	78783.59	394736.56	34.62	Soil	10,320	-0.08
08/16/2021	9:35:18	78783.37	394736.59	34.54	Soil	10,620	0.13
08/16/2021	9:35:19	78783.35	394736.83	34.60	Soil	10,800	0.25
08/16/2021	9:35:20	78783.62	394736.88	34.57	Soil	10,140	-0.20
08/16/2021	9:35:21	78783.57	394737.08	34.55	Soil	11,400	0.66
08/16/2021	9:35:22	78783.57	394736.95	34.57	Soil	10,680	0.17
08/16/2021	9:35:23	78783.62	394736.96	34.60	Soil	9,120	-0.90
08/16/2021	9:35:24	78783.78	394736.92	34.66	Soil	10,740	0.21
08/16/2021	9:35:25	78783.82	394736.93	34.78	Soil	9,840	-0.41
08/16/2021	9:35:26	78784.07	394737.13	34.74	Soil	10,320	-0.08
08/16/2021	9:35:27	78784.07	394737.08	34.78	Soil	11,820	0.95
08/16/2021	9:35:28	78783.83	394737.07	34.85	Soil	12,120	1.15
08/16/2021	9:35:29	78783.57	394737.15	34.76	Soil	11,400	0.66
08/16/2021	9:35:30	78783.88	394737.34	34.79	Soil	10,980	0.37
08/16/2021	9:35:31	78784.13	394737.30	34.80	Soil	9,240	-0.82
08/16/2021	9:35:32	78783.87	394737.25	34.78	Soil	11,400	0.66
08/16/2021	9:35:33	78783.67	394737.18	34.78	Soil	11,760	0.91
08/16/2021	9:35:34	78783.75	394737.27	34.76	Soil	9,780	-0.45
08/16/2021	9:35:35	78784.12	394737.49	34.75	Soil	11,460	0.70
08/16/2021	9:35:36	78784.26	394737.67	34.70	Soil	11,640	0.82
08/16/2021	9:35:37	78784.03	394737.62	34.69	Soil	12,720	1.56
08/16/2021	9:35:38	78783.83	394737.60	34.63	Soil	10,320	-0.08
08/16/2021	9:35:39	78783.82	394737.69	34.70	Soil	9,960	-0.32
08/16/2021	9:35:40	78783.42	394737.35	34.63	Soil	10,200	-0.16
08/16/2021	9:35:41	78783.52	394737.50	34.69	Soil	9,000	-0.98
08/16/2021	9:35:42	78783.57	394737.47	34.72	Soil	10,140	-0.20
08/16/2021	9:35:43	78783.34	394737.26	34.68	Soil	8,940	-1.02
08/16/2021	9:35:44	78783.26	394737.14	34.63	Soil	9,240	-0.82
08/16/2021	9:35:45	78783.09	394736.93	34.54	Soil	9,300	-0.78

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08/16/2021	9:35:46	78783.16	394736.86	34.53	Soil	9,660	-0.53
08/16/2021	9:35:47	78783.23	394736.93	34.55	Soil	10,620	0.13
08/16/2021	9:35:48	78783.22	394736.96	34.55	Soil	10,080	-0.24
08/16/2021	9:35:49	78783.13	394736.85	34.52	Soil	9,960	-0.32
08/16/2021	9:35:50	78783.18	394736.89	34.54	Soil	8,700	-1.19
08/16/2021	9:35:51	78783.18	394736.95	34.55	Soil	9,000	-0.98
08/16/2021	9:35:52	78783.34	394736.73	34.56	Soil	9,480	-0.65
08/16/2021	9:35:53	78783.28	394736.84	34.58	Soil	9,720	-0.49
08/16/2021	9:35:54	78782.99	394737.01	34.54	Soil	9,960	-0.32
08/16/2021	9:35:55	78782.87	394736.75	34.64	Soil	10,200	-0.16
08/16/2021	9:35:56	78782.85	394736.72	34.69	Soil	8,700	-1.19
08/16/2021	9:35:57	78783.05	394736.74	34.74	Soil	9,780	-0.45
08/16/2021	9:35:58	78783.01	394736.63	34.70	Soil	10,200	-0.16
08/16/2021	9:35:59	78783.23	394736.47	34.73	Soil	8,340	-1.43
08/16/2021	9:36:00	78783.09	394736.53	34.73	Soil	9,000	-0.98
08/16/2021	9:36:01	78783.32	394736.63	34.77	Soil	9,720	-0.49
08/16/2021	9:36:02	78783.27	394736.47	34.76	Soil	8,580	-1.27
08/16/2021	9:36:03	78783.26	394736.48	34.76	Soil	10,860	0.29
08/16/2021	9:36:04	78783.24	394736.30	34.76	Soil	10,260	-0.12
08/16/2021	9:36:05	78783.24	394736.40	34.76	Soil	9,360	-0.74
08/16/2021	9:36:06	78783.31	394736.37	34.79	Soil	9,600	-0.57
08/16/2021	9:36:07	78783.45	394736.22	34.78	Soil	9,240	-0.82
08/16/2021	9:36:08	78783.24	394736.19	34.75	Soil	9,780	-0.45
08/16/2021	9:36:09	78783.11	394736.05	34.72	Soil	9,720	-0.49
08/16/2021	9:36:10	78783.25	394736.02	34.72	Soil	11,280	0.58
08/16/2021	9:36:11	78783.33	394736.21	34.71	Soil	10,320	-0.08
08/16/2021	9:36:12	78783.45	394736.10	34.72	Soil	9,180	-0.86
08/16/2021	9:36:13	78783.36	394735.94	34.71	Soil	9,720	-0.49
08/16/2021	9:36:14	78783.44	394735.90	34.70	Soil	9,000	-0.98
08/16/2021	9:36:15	78783.39	394735.90	34.69	Soil	9,600	-0.57
08/16/2021	9:36:16	78783.29	394735.80	34.70	Soil	8,160	-1.56
08/16/2021	9:36:17	78783.40	394735.74	34.70	Soil	9,900	-0.37
08/16/2021	9:36:18	78783.63	394735.73	34.70	Soil	10,320	-0.08
08/16/2021	9:36:19	78783.41	394735.75	34.68	Soil	10,020	-0.28
08/16/2021	9:36:20	78783.27	394735.66	34.67	Soil	7,980	-1.68
08/16/2021	9:36:21	78783.46	394735.60	34.69	Soil	9,660	-0.53
08/16/2021	9:36:22	78783.45	394735.72	34.70	Soil	8,520	-1.31
08/16/2021	9:36:23	78783.40	394735.57	34.69	Soil	10,320	-0.08
08/16/2021	9:36:24	78783.22	394735.19	34.66	Soil	8,520	-1.31
08/16/2021	9:36:25	78783.40	394735.24	34.74	Soil	10,080	-0.24
08/16/2021	9:36:26	78783.61	394735.48	34.79	Soil	10,980	0.37
08/16/2021	9:36:27	78783.50	394735.39	34.77	Soil	9,180	-0.86
08/16/2021	9:36:28	78783.47	394735.18	34.77	Soil	10,620	0.13
08/16/2021	9:36:29	78783.76	394735.11	34.78	Soil	9,660	-0.53
08/16/2021	9:36:30	78783.62	394735.12	34.77	Soil	11,460	0.70
08/16/2021	9:36:31	78783.21	394735.05	34.78	Soil	8,100	-1.60
08/16/2021	9:36:32	78783.42	394735.08	34.84	Soil	9,840	-0.41
08/16/2021	9:36:33	78783.50	394735.11	34.85	Soil	8,760	-1.15
08/16/2021	9:36:34	78783.91	394735.14	34.85	Soil	10,200	-0.16
08/16/2021	9:36:35	78783.83	394735.07	34.82	Soil	10,740	0.21
08/16/2021	9:36:36	78783.47	394735.08	34.82	Soil	8,280	-1.47

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08/16/2021	9:36:37	78783.40	394735.07	34.73	Soil	8,400	-1.39
08/16/2021	9:36:38	78783.73	394734.92	34.70	Soil	10,080	-0.24
08/16/2021	9:36:39	78783.67	394735.03	34.64	Soil	9,900	-0.37
08/16/2021	9:36:40	78783.55	394735.05	34.57	Soil	9,360	-0.74
08/16/2021	9:36:41	78783.45	394734.92	34.59	Soil	10,260	-0.12
08/16/2021	9:36:42	78783.53	394734.95	34.65	Soil	9,120	-0.90
08/16/2021	9:36:43	78783.61	394734.95	34.66	Soil	8,640	-1.23
08/16/2021	9:36:44	78783.60	394734.98	34.59	Soil	10,560	0.09
08/16/2021	9:36:45	78783.80	394734.77	34.63	Soil	10,020	-0.28
08/16/2021	9:36:46	78783.80	394734.79	34.64	Soil	7,500	-2.01
08/16/2021	9:36:47	78783.64	394734.69	34.62	Soil	8,760	-1.15
08/16/2021	9:36:48	78783.39	394734.53	34.61	Soil	10,020	-0.28
08/16/2021	9:36:49	78783.35	394734.32	34.63	Soil	8,100	-1.60
08/16/2021	9:36:50	78783.23	394734.33	34.68	Soil	9,240	-0.82
08/16/2021	9:36:51	78783.33	394734.46	34.65	Soil	9,660	-0.53
08/16/2021	9:36:52	78783.54	394734.52	34.51	Soil	8,460	-1.35
08/16/2021	9:36:53	78783.56	394734.58	34.44	Soil	7,920	-1.72
08/16/2021	9:36:54	78783.49	394734.49	34.45	Soil	7,260	-2.17
08/16/2021	9:36:55	78783.62	394734.36	34.44	Soil	8,820	-1.10
08/16/2021	9:36:56	78783.83	394734.21	34.36	Soil	9,600	-0.57
08/16/2021	9:36:57	78784.15	394734.09	34.34	Soil	10,380	-0.04
08/16/2021	9:36:58	78783.90	394733.98	34.28	Soil	8,880	-1.06
08/16/2021	9:36:59	78783.85	394734.03	34.22	Soil	9,840	-0.41
08/16/2021	9:37:00	78784.06	394734.20	34.15	Soil	9,900	-0.37
08/16/2021	9:37:01	78783.99	394734.07	34.10	Soil	9,900	-0.37
08/16/2021	9:37:02	78783.71	394734.07	34.09	Soil	10,680	0.17
08/16/2021	9:37:03	78783.87	394734.05	34.08	Soil	9,600	-0.57
08/16/2021	9:37:04	78783.93	394733.89	34.04	Soil	9,120	-0.90
08/16/2021	9:37:05	78783.85	394733.99	33.98	Soil	9,780	-0.45
08/16/2021	9:37:06	78783.94	394733.95	33.98	Soil	10,200	-0.16
08/16/2021	9:37:07	78784.14	394733.95	33.95	Soil	9,360	-0.74
08/16/2021	9:37:08	78784.15	394733.85	33.93	Soil	9,120	-0.90
08/16/2021	9:37:09	78784.11	394733.65	33.94	Soil	10,320	-0.08
08/16/2021	9:37:10	78784.24	394733.51	33.97	Soil	8,820	-1.10
08/16/2021	9:37:11	78784.23	394733.30	33.92	Soil	8,100	-1.60
08/16/2021	9:37:12	78783.97	394733.13	33.96	Soil	10,380	-0.04
08/16/2021	9:37:13	78783.91	394733.02	33.96	Soil	9,360	-0.74
08/16/2021	9:37:14	78784.08	394733.07	34.00	Soil	10,260	-0.12
08/16/2021	9:37:15	78784.08	394733.01	34.03	Soil	9,780	-0.45
08/16/2021	9:37:16	78783.80	394732.79	34.04	Soil	10,020	-0.28
08/16/2021	9:37:17	78784.08	394732.76	34.03	Soil	10,500	0.04
08/16/2021	9:37:18	78784.27	394732.97	34.00	Soil	9,060	-0.94
08/16/2021	9:37:19	78784.15	394733.07	34.07	Soil	8,520	-1.31
08/16/2021	9:37:20	78783.74	394732.82	34.03	Soil	10,080	-0.24
08/16/2021	9:37:21	78783.68	394732.86	34.03	Soil	9,180	-0.86
08/16/2021	9:37:22	78784.08	394732.92	34.06	Soil	8,580	-1.27
08/16/2021	9:37:23	78784.09	394732.72	34.04	Soil	9,420	-0.69
08/16/2021	9:37:24	78784.14	394732.70	34.07	Soil	9,660	-0.53
08/16/2021	9:37:25	78783.70	394732.55	34.06	Soil	9,300	-0.78
08/16/2021	9:37:26	78783.60	394732.49	34.09	Soil	8,100	-1.60
08/16/2021	9:37:27	78783.57	394732.56	33.98	Soil	9,720	-0.49

SU 7B GWS RESULTS

08/16/2021	9:37:28	78783.63	394732.55	34.10	Soil	8,040	-1.64
08/16/2021	9:37:29	78783.72	394732.41	34.15	Soil	9,300	-0.78
08/16/2021	9:37:30	78784.01	394732.35	34.23	Soil	9,120	-0.90
08/16/2021	9:37:31	78784.06	394732.40	34.24	Soil	8,880	-1.06
08/16/2021	9:37:32	78783.77	394732.28	34.31	Soil	10,560	0.09
08/16/2021	9:37:33	78783.95	394732.30	34.40	Soil	10,140	-0.20
08/16/2021	9:37:34	78784.15	394732.27	34.47	Soil	8,460	-1.35
08/16/2021	9:37:35	78784.15	394732.35	34.63	Soil	8,820	-1.10
08/16/2021	9:37:36	78784.10	394732.34	34.63	Soil	10,560	0.09
08/16/2021	9:37:37	78784.00	394732.26	34.56	Soil	8,820	-1.10
08/16/2021	9:37:38	78783.60	394732.68	34.61	Soil	8,220	-1.52
08/16/2021	9:37:39	78783.77	394733.11	34.57	Soil	9,480	-0.65
08/16/2021	9:37:40	78783.89	394733.33	34.52	Soil	8,760	-1.15
08/16/2021	9:37:41	78783.86	394733.37	34.55	Soil	9,960	-0.32
08/16/2021	9:37:42	78783.73	394733.20	34.65	Soil	9,300	-0.78
08/16/2021	9:37:43	78783.68	394733.23	34.65	Soil	11,100	0.45
08/16/2021	9:37:44	78783.51	394733.20	34.65	Soil	10,560	0.09
08/16/2021	9:37:45	78783.46	394733.14	34.68	Soil	8,100	-1.60
08/16/2021	9:37:46	78783.56	394733.15	34.68	Soil	9,960	-0.32
08/16/2021	9:37:47	78783.66	394733.36	34.63	Soil	9,480	-0.65
08/16/2021	9:37:48	78783.71	394733.23	34.71	Soil	8,580	-1.27
08/16/2021	9:37:49	78783.83	394733.14	34.79	Soil	8,640	-1.23
08/16/2021	9:37:50	78783.58	394733.03	34.89	Soil	10,320	-0.08
08/16/2021	9:37:51	78783.45	394733.13	34.91	Soil	10,020	-0.28
08/16/2021	9:37:52	78783.47	394733.14	34.93	Soil	8,520	-1.31
08/16/2021	9:37:53	78783.50	394733.14	34.94	Soil	9,480	-0.65
08/16/2021	9:37:54	78783.55	394733.28	34.93	Soil	9,780	-0.45
08/16/2021	9:37:55	78783.49	394733.47	34.95	Soil	10,080	-0.24
08/16/2021	9:37:56	78783.40	394733.40	34.99	Soil	10,500	0.04
08/16/2021	9:37:57	78783.36	394733.49	34.98	Soil	9,840	-0.41
08/16/2021	9:37:58	78783.51	394733.77	34.93	Soil	8,880	-1.06
08/16/2021	9:37:59	78783.41	394733.63	34.96	Soil	8,820	-1.10
08/16/2021	9:38:00	78783.72	394733.62	34.94	Soil	9,660	-0.53
08/16/2021	9:38:01	78783.84	394733.76	34.86	Soil	8,460	-1.35
08/16/2021	9:38:02	78784.11	394733.61	34.81	Soil	10,020	-0.28
08/16/2021	9:38:03	78783.86	394733.69	34.83	Soil	8,400	-1.39
08/16/2021	9:38:04	78783.73	394733.93	34.72	Soil	9,540	-0.61
08/16/2021	9:38:05	78783.63	394734.15	34.69	Soil	10,680	0.17
08/16/2021	9:38:06	78783.63	394734.12	34.70	Soil	10,260	-0.12
08/16/2021	9:38:07	78783.61	394734.13	34.69	Soil	8,280	-1.47
08/16/2021	9:38:08	78783.54	394734.14	34.68	Soil	9,480	-0.65
08/16/2021	9:38:09	78783.43	394734.22	34.68	Soil	10,500	0.04
08/16/2021	9:38:10	78783.49	394734.24	34.66	Soil	10,800	0.25
08/16/2021	9:38:11	78783.47	394734.31	34.67	Soil	9,780	-0.45
08/16/2021	9:38:12	78783.19	394734.31	34.62	Soil	12,060	1.11
08/16/2021	9:38:13	78782.94	394734.44	34.62	Soil	10,080	-0.24
08/16/2021	9:38:14	78783.13	394734.79	34.64	Soil	9,240	-0.82
08/16/2021	9:38:15	78783.38	394735.31	34.67	Soil	8,940	-1.02
08/16/2021	9:38:16	78783.25	394735.43	34.72	Soil	11,160	0.50
08/16/2021	9:38:17	78783.21	394735.08	34.87	Soil	8,820	-1.10
08/16/2021	9:38:18	78783.30	394735.04	34.91	Soil	8,640	-1.23

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08/16/2021	9:38:19	78783.21	394735.16	34.93	Soil	8,700	-1.19
08/16/2021	9:38:20	78783.03	394735.22	34.98	Soil	9,300	-0.78
08/16/2021	9:38:21	78782.92	394734.96	34.99	Soil	10,380	-0.04
08/16/2021	9:38:22	78783.05	394735.01	34.95	Soil	7,740	-1.84
08/16/2021	9:38:23	78783.13	394735.06	34.97	Soil	6,900	-2.42
08/16/2021	9:38:24	78783.17	394734.93	34.99	Soil	10,320	-0.08
08/16/2021	9:38:25	78783.35	394735.20	34.91	Soil	8,460	-1.35
08/16/2021	9:38:26	78783.29	394735.27	34.87	Soil	9,180	-0.86
08/16/2021	9:38:27	78783.11	394735.20	34.89	Soil	9,840	-0.41
08/16/2021	9:38:28	78783.22	394735.31	34.88	Soil	9,180	-0.86
08/16/2021	9:38:29	78783.24	394735.37	34.83	Soil	9,540	-0.61
08/16/2021	9:38:30	78782.92	394735.44	34.81	Soil	10,080	-0.24
08/16/2021	9:38:31	78782.93	394735.52	34.81	Soil	9,540	-0.61
08/16/2021	9:38:32	78782.86	394735.68	34.77	Soil	8,940	-1.02
08/16/2021	9:38:33	78782.88	394735.72	34.73	Soil	8,520	-1.31
08/16/2021	9:38:34	78783.10	394735.79	34.68	Soil	9,060	-0.94
08/16/2021	9:38:35	78783.09	394735.61	34.68	Soil	7,620	-1.93
08/16/2021	9:38:36	78783.08	394735.58	34.67	Soil	9,540	-0.61
08/16/2021	9:38:37	78783.10	394735.64	34.67	Soil	8,880	-1.06
08/16/2021	9:38:38	78783.21	394735.67	34.70	Soil	9,600	-0.57
08/16/2021	9:38:39	78783.22	394735.85	34.67	Soil	10,320	-0.08
08/16/2021	9:38:40	78783.08	394735.87	34.65	Soil	8,880	-1.06
08/16/2021	9:38:41	78783.26	394735.97	34.63	Soil	9,060	-0.94
08/16/2021	9:38:42	78783.20	394735.94	34.63	Soil	9,780	-0.45
08/16/2021	9:38:43	78783.08	394736.10	34.60	Soil	8,340	-1.43
08/16/2021	9:38:44	78783.25	394736.34	34.59	Soil	10,740	0.21
08/16/2021	9:38:45	78783.41	394736.35	34.62	Soil	10,680	0.17
08/16/2021	9:38:46	78783.24	394736.31	34.56	Soil	9,600	-0.57
08/16/2021	9:38:47	78783.12	394736.24	34.61	Soil	9,840	-0.41
08/16/2021	9:38:48	78783.01	394736.23	34.64	Soil	8,100	-1.60
08/16/2021	9:38:49	78783.03	394736.56	34.58	Soil	8,520	-1.31
08/16/2021	9:38:50	78783.35	394736.83	34.52	Soil	8,340	-1.43
08/16/2021	9:38:51	78783.14	394736.83	34.58	Soil	8,820	-1.10
08/16/2021	9:38:52	78783.02	394736.90	34.57	Soil	9,960	-0.32
08/16/2021	9:38:53	78783.02	394736.97	34.57	Soil	8,520	-1.31
08/16/2021	9:38:54	78783.05	394737.13	34.59	Soil	9,300	-0.78
08/16/2021	9:38:55	78782.92	394737.30	34.57	Soil	10,920	0.33
08/16/2021	9:38:56	78782.75	394737.48	34.61	Soil	9,000	-0.98
08/16/2021	9:38:57	78782.93	394737.56	34.68	Soil	9,000	-0.98
08/16/2021	9:38:58	78782.98	394737.55	34.63	Soil	9,660	-0.53
08/16/2021	9:38:59	78782.81	394737.45	34.74	Soil	8,880	-1.06
08/16/2021	9:39:00	78782.95	394737.43	34.86	Soil	9,240	-0.82
08/16/2021	9:39:01	78782.96	394737.56	34.82	Soil	9,840	-0.41
08/16/2021	9:39:02	78782.95	394737.62	34.89	Soil	9,900	-0.37
08/16/2021	9:39:03	78782.89	394737.64	35.01	Soil	9,480	-0.65
08/16/2021	9:39:04	78782.89	394737.64	35.02	Soil	9,420	-0.69
08/16/2021	9:39:05	78782.89	394737.62	35.03	Soil	9,300	-0.78
08/16/2021	9:39:06	78782.87	394737.61	34.93	Soil	9,180	-0.86
08/16/2021	9:39:07	78782.85	394737.59	34.92	Soil	7,920	-1.72
08/16/2021	9:39:08	78782.82	394737.56	34.89	Soil	8,580	-1.27
08/16/2021	9:39:09	78782.99	394737.54	34.89	Soil	7,620	-1.93

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08/16/2021	9:39:10	78783.11	394737.54	34.87	Soil	8,460	-1.35
08/16/2021	9:39:11	78783.18	394737.51	34.97	Soil	10,680	0.17
08/16/2021	9:39:12	78783.19	394737.50	34.95	Soil	8,040	-1.64
08/16/2021	9:39:13	78783.23	394737.51	34.94	Soil	9,240	-0.82
08/16/2021	9:39:14	78783.26	394737.51	34.90	Soil	7,860	-1.76
08/16/2021	9:39:15	78783.37	394737.51	34.86	Soil	9,900	-0.37
08/16/2021	9:39:16	78783.49	394737.47	34.80	Soil	10,080	-0.24
08/16/2021	9:39:17	78783.44	394737.45	34.82	Soil	9,000	-0.98
08/16/2021	9:39:18	78783.13	394737.41	34.82	Soil	8,340	-1.43
08/16/2021	9:39:19	78782.96	394737.09	34.85	Soil	10,320	-0.08
08/16/2021	9:39:20	78782.68	394736.72	34.78	Soil	9,480	-0.65
08/16/2021	9:39:21	78782.53	394736.54	34.91	Soil	7,680	-1.88
08/16/2021	9:39:22	78782.42	394736.51	34.83	Soil	10,560	0.09
08/16/2021	9:39:23	78782.14	394736.78	34.77	Soil	11,340	0.62
08/16/2021	9:39:24	78782.20	394737.05	34.86	Soil	9,960	-0.32
08/16/2021	9:39:25	78782.11	394737.15	34.76	Soil	9,420	-0.69
08/16/2021	9:39:26	78782.08	394736.58	34.71	Soil	8,880	-1.06
08/16/2021	9:39:27	78782.60	394736.23	34.66	Soil	8,940	-1.02
08/16/2021	9:39:28	78782.66	394736.32	34.77	Soil	8,520	-1.31
08/16/2021	9:39:29	78782.23	394736.24	34.74	Soil	10,620	0.13
08/16/2021	9:39:30	78782.30	394736.22	34.72	Soil	7,260	-2.17
08/16/2021	9:39:31	78782.41	394736.14	34.75	Soil	8,520	-1.31
08/16/2021	9:39:32	78782.40	394736.05	34.70	Soil	10,560	0.09
08/16/2021	9:39:33	78782.59	394735.87	34.69	Soil	11,340	0.62
08/16/2021	9:39:34	78782.68	394735.85	34.69	Soil	10,020	-0.28
08/16/2021	9:39:35	78782.48	394735.77	34.65	Soil	11,280	0.58
08/16/2021	9:39:36	78782.47	394735.68	34.65	Soil	10,620	0.13
08/16/2021	9:39:37	78782.54	394735.55	34.63	Soil	11,160	0.50
08/16/2021	9:39:38	78782.39	394735.47	34.66	Soil	8,160	-1.56
08/16/2021	9:39:39	78782.53	394735.45	34.64	Soil	8,340	-1.43
08/16/2021	9:39:40	78782.46	394735.42	34.67	Soil	8,580	-1.27
08/16/2021	9:39:41	78782.57	394735.41	34.71	Soil	8,880	-1.06
08/16/2021	9:39:42	78782.75	394735.28	34.67	Soil	9,660	-0.53
08/16/2021	9:39:43	78782.68	394735.37	34.70	Soil	9,180	-0.86
08/16/2021	9:39:44	78782.87	394735.29	34.70	Soil	9,300	-0.78
08/16/2021	9:39:45	78782.82	394735.09	34.72	Soil	8,880	-1.06
08/16/2021	9:39:46	78782.73	394734.93	34.71	Soil	8,640	-1.23
08/16/2021	9:39:47	78782.40	394734.89	34.73	Soil	8,280	-1.47
08/16/2021	9:39:48	78782.25	394734.81	34.70	Soil	8,940	-1.02
08/16/2021	9:39:49	78782.58	394734.82	34.72	Soil	10,020	-0.28
08/16/2021	9:39:50	78782.72	394734.74	34.70	Soil	8,580	-1.27
08/16/2021	9:39:51	78782.60	394734.67	34.72	Soil	7,980	-1.68
08/16/2021	9:39:52	78782.61	394734.47	34.72	Soil	9,480	-0.65
08/16/2021	9:39:53	78782.75	394734.46	34.77	Soil	8,640	-1.23
08/16/2021	9:39:54	78782.80	394734.38	34.76	Soil	7,080	-2.29
08/16/2021	9:39:55	78782.68	394734.34	34.70	Soil	9,000	-0.98
08/16/2021	9:39:56	78782.88	394734.24	34.76	Soil	9,060	-0.94
08/16/2021	9:39:57	78783.00	394734.19	34.73	Soil	10,800	0.25
08/16/2021	9:39:58	78782.74	394734.13	34.72	Soil	9,240	-0.82
08/16/2021	9:39:59	78782.65	394734.07	34.63	Soil	10,140	-0.20
08/16/2021	9:40:00	78782.69	394734.12	34.73	Soil	9,540	-0.61

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08/16/2021	9:40:01	78782.76	394734.06	34.64	Soil	8,940	-1.02
08/16/2021	9:40:02	78782.58	394733.96	34.63	Soil	9,300	-0.78
08/16/2021	9:40:03	78782.71	394733.87	34.63	Soil	7,740	-1.84
08/16/2021	9:40:04	78782.95	394733.78	34.56	Soil	9,720	-0.49
08/16/2021	9:40:05	78782.98	394733.66	34.51	Soil	9,360	-0.74
08/16/2021	9:40:06	78782.76	394733.79	34.55	Soil	9,540	-0.61
08/16/2021	9:40:07	78782.85	394733.79	34.52	Soil	9,060	-0.94
08/16/2021	9:40:08	78782.87	394733.62	34.41	Soil	11,220	0.54
08/16/2021	9:40:09	78782.83	394733.49	34.41	Soil	10,980	0.37
08/16/2021	9:40:10	78783.08	394733.17	34.34	Soil	10,320	-0.08
08/16/2021	9:40:11	78783.29	394733.16	34.37	Soil	9,480	-0.65
08/16/2021	9:40:12	78783.16	394733.18	34.41	Soil	9,360	-0.74
08/16/2021	9:40:13	78782.89	394733.03	34.32	Soil	11,040	0.41
08/16/2021	9:40:14	78783.31	394733.09	34.36	Soil	10,320	-0.08
08/16/2021	9:40:15	78783.39	394733.12	34.42	Soil	10,080	-0.24
08/16/2021	9:40:16	78783.25	394732.95	34.47	Soil	10,440	0.00
08/16/2021	9:40:17	78783.39	394732.81	34.53	Soil	9,000	-0.98
08/16/2021	9:40:18	78783.37	394732.62	34.43	Soil	9,720	-0.49
08/16/2021	9:40:19	78783.47	394732.51	34.42	Soil	9,960	-0.32
08/16/2021	9:40:20	78783.37	394732.34	34.38	Soil	9,120	-0.90
08/16/2021	9:40:21	78783.09	394732.14	34.33	Soil	8,520	-1.31
08/16/2021	9:40:22	78782.94	394732.07	34.33	Soil	10,140	-0.20
08/16/2021	9:40:23	78782.74	394732.11	34.21	Soil	11,280	0.58
08/16/2021	9:40:24	78782.38	394732.35	34.05	Soil	10,500	0.04
08/16/2021	9:40:25	78782.31	394732.80	33.90	Soil	8,580	-1.27
08/16/2021	9:40:26	78782.36	394733.14	33.72	Soil	8,760	-1.15
08/16/2021	9:40:27	78782.69	394733.15	33.83	Soil	10,560	0.09
08/16/2021	9:40:28	78782.87	394733.12	33.84	Soil	9,540	-0.61
08/16/2021	9:40:29	78782.76	394733.15	33.84	Soil	8,820	-1.10
08/16/2021	9:40:30	78782.86	394733.12	33.86	Soil	9,900	-0.37
08/16/2021	9:40:31	78782.80	394733.02	33.87	Soil	10,200	-0.16
08/16/2021	9:40:32	78782.84	394733.05	33.86	Soil	9,840	-0.41
08/16/2021	9:40:33	78783.02	394733.08	33.84	Soil	10,680	0.17
08/16/2021	9:40:34	78782.72	394733.01	33.85	Soil	10,560	0.09
08/16/2021	9:40:35	78782.82	394733.00	33.86	Soil	9,780	-0.45
08/16/2021	9:40:36	78782.88	394732.91	33.89	Soil	11,820	0.95
08/16/2021	9:40:37	78782.91	394733.05	33.85	Soil	11,400	0.66
08/16/2021	9:40:38	78782.89	394733.03	33.86	Soil	10,320	-0.08
08/16/2021	9:40:39	78783.02	394733.02	33.85	Soil	10,560	0.09
08/16/2021	9:40:40	78783.06	394732.98	33.86	Soil	9,540	-0.61
08/16/2021	9:40:41	78782.95	394732.98	33.84	Soil	11,040	0.41
08/16/2021	9:40:42	78782.88	394733.05	33.84	Soil	9,600	-0.57
08/16/2021	9:40:43	78782.82	394732.94	33.85	Soil	11,160	0.50
08/16/2021	9:40:44	78782.91	394732.97	33.84	Soil	9,540	-0.61
08/16/2021	9:40:45	78782.91	394733.02	33.84	Soil	10,320	-0.08
08/16/2021	9:40:46	78782.97	394733.07	33.83	Soil	11,280	0.58
08/16/2021	9:40:47	78783.02	394733.08	33.83	Soil	10,860	0.29
08/16/2021	9:40:48	78782.99	394733.08	33.84	Soil	10,740	0.21
08/16/2021	9:40:49	78783.01	394733.08	33.84	Soil	10,440	0.00
08/16/2021	9:40:50	78782.95	394733.06	33.85	Soil	12,000	1.07
08/16/2021	9:40:51	78782.92	394733.05	33.84	Soil	11,220	0.54

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08/16/2021	9:40:52	78782.99	394733.06	33.84	Soil	11,460	0.70
08/16/2021	9:40:53	78782.97	394733.04	33.85	Soil	10,860	0.29
08/16/2021	9:40:54	78783.00	394733.15	33.84	Soil	11,160	0.50
08/16/2021	9:40:55	78782.99	394733.18	33.85	Soil	10,680	0.17
08/16/2021	9:40:56	78783.00	394733.19	33.84	Soil	9,480	-0.65
08/16/2021	9:40:57	78783.01	394733.15	33.85	Soil	11,040	0.41
08/16/2021	9:40:58	78783.01	394733.12	33.86	Soil	11,820	0.95
08/16/2021	9:40:59	78783.04	394733.14	33.86	Soil	10,800	0.25
08/16/2021	9:41:00	78783.05	394733.17	33.87	Soil	10,320	-0.08
08/16/2021	9:41:01	78783.10	394733.21	33.87	Soil	9,780	-0.45
08/16/2021	9:41:02	78783.14	394733.23	33.87	Soil	10,920	0.33
08/16/2021	9:41:03	78783.17	394733.35	33.82	Soil	12,000	1.07
08/16/2021	9:41:04	78782.87	394733.21	33.87	Soil	10,680	0.17
08/16/2021	9:41:05	78782.80	394733.12	33.93	Soil	10,200	-0.16
08/16/2021	9:41:06	78783.01	394732.83	34.01	Soil	10,020	-0.28
08/16/2021	9:41:07	78783.05	394733.09	33.99	Soil	11,040	0.41
08/16/2021	9:41:08	78783.13	394733.13	34.01	Soil	11,400	0.66
08/16/2021	9:41:09	78783.11	394733.14	34.01	Soil	9,960	-0.32
08/16/2021	9:41:10	78782.84	394733.32	33.95	Soil	10,560	0.09
08/16/2021	9:41:11	78783.01	394733.32	34.02	Soil	8,940	-1.02
08/16/2021	9:41:12	78783.19	394733.30	34.04	Soil	9,360	-0.74
08/16/2021	9:41:13	78783.12	394733.58	34.01	Soil	9,240	-0.82
08/16/2021	9:41:14	78783.22	394733.83	33.98	Soil	10,440	0.00
08/16/2021	9:41:15	78783.21	394733.89	33.91	Soil	10,560	0.09
08/16/2021	9:41:16	78782.94	394734.01	33.84	Soil	10,320	-0.08
08/16/2021	9:41:17	78782.94	394733.89	33.83	Soil	10,260	-0.12
08/16/2021	9:41:18	78783.10	394733.81	33.81	Soil	9,480	-0.65
08/16/2021	9:41:19	78783.13	394733.62	33.79	Soil	9,600	-0.57
08/16/2021	9:41:20	78782.97	394733.46	33.96	Soil	10,800	0.25
08/16/2021	9:41:21	78783.05	394733.66	34.05	Soil	9,900	-0.37
08/16/2021	9:41:22	78783.05	394733.87	33.95	Soil	11,040	0.41
08/16/2021	9:41:23	78783.01	394733.80	34.11	Soil	10,440	0.00
08/16/2021	9:41:24	78782.95	394733.86	34.00	Soil	9,120	-0.90
08/16/2021	9:41:25	78782.71	394734.01	33.95	Soil	10,320	-0.08
08/16/2021	9:41:26	78782.71	394734.08	34.12	Soil	11,280	0.58
08/16/2021	9:41:27	78782.73	394734.20	34.15	Soil	9,420	-0.69
08/16/2021	9:41:28	78782.76	394734.46	34.20	Soil	10,320	-0.08
08/16/2021	9:41:29	78782.68	394734.66	34.26	Soil	9,060	-0.94
08/16/2021	9:41:30	78782.85	394734.83	34.19	Soil	8,940	-1.02
08/16/2021	9:41:31	78782.66	394734.99	34.22	Soil	8,880	-1.06
08/16/2021	9:41:32	78782.60	394735.10	34.17	Soil	9,300	-0.78
08/16/2021	9:41:33	78782.64	394735.23	34.18	Soil	8,520	-1.31
08/16/2021	9:41:34	78782.65	394735.37	34.16	Soil	9,360	-0.74
08/16/2021	9:41:35	78782.59	394735.47	34.17	Soil	8,040	-1.64
08/16/2021	9:41:36	78782.66	394735.61	34.12	Soil	8,460	-1.35
08/16/2021	9:41:37	78782.50	394735.81	34.08	Soil	9,000	-0.98
08/16/2021	9:41:38	78782.50	394735.81	34.13	Soil	10,020	-0.28
08/16/2021	9:41:39	78782.69	394735.96	34.09	Soil	9,960	-0.32
08/16/2021	9:41:40	78782.60	394736.11	34.06	Soil	8,460	-1.35
08/16/2021	9:41:41	78782.62	394736.14	34.04	Soil	9,000	-0.98
08/16/2021	9:41:42	78782.66	394736.28	34.04	Soil	9,780	-0.45

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08/16/2021	9:41:43	78782.52	394736.44	34.00	Soil	9,720	-0.49
08/16/2021	9:41:44	78782.39	394736.48	33.99	Soil	8,700	-1.19
08/16/2021	9:41:45	78782.38	394736.71	33.97	Soil	9,660	-0.53
08/16/2021	9:41:46	78782.40	394736.90	33.97	Soil	9,720	-0.49
08/16/2021	9:41:47	78782.43	394737.01	34.01	Soil	10,080	-0.24
08/16/2021	9:41:48	78782.47	394737.30	34.05	Soil	9,540	-0.61
08/16/2021	9:41:49	78782.37	394737.38	34.08	Soil	10,380	-0.04
08/16/2021	9:41:50	78782.17	394737.12	33.99	Soil	8,700	-1.19
08/16/2021	9:41:51	78782.14	394736.81	34.02	Soil	9,540	-0.61
08/16/2021	9:41:52	78782.37	394736.63	33.95	Soil	9,180	-0.86
08/16/2021	9:41:53	78782.34	394736.47	33.97	Soil	7,800	-1.80
08/16/2021	9:41:54	78781.99	394736.37	33.99	Soil	8,940	-1.02
08/16/2021	9:41:55	78781.87	394736.53	33.97	Soil	8,940	-1.02
08/16/2021	9:41:56	78781.92	394736.52	33.95	Soil	9,480	-0.65
08/16/2021	9:41:57	78781.95	394736.43	33.98	Soil	8,940	-1.02
08/16/2021	9:41:58	78781.90	394736.45	34.03	Soil	8,100	-1.60
08/16/2021	9:41:59	78782.03	394736.30	34.01	Soil	8,640	-1.23
08/16/2021	9:42:00	78782.10	394736.18	34.01	Soil	9,300	-0.78
08/16/2021	9:42:01	78781.93	394736.20	34.07	Soil	9,060	-0.94
08/16/2021	9:42:02	78781.83	394736.23	34.10	Soil	9,780	-0.45
08/16/2021	9:42:03	78781.89	394736.08	34.08	Soil	8,280	-1.47
08/16/2021	9:42:04	78782.02	394735.96	34.07	Soil	9,960	-0.32
08/16/2021	9:42:05	78782.04	394735.91	34.12	Soil	8,400	-1.39
08/16/2021	9:42:06	78781.93	394735.92	34.18	Soil	9,180	-0.86
08/16/2021	9:42:07	78782.02	394735.78	34.15	Soil	7,320	-2.13
08/16/2021	9:42:08	78782.18	394735.74	34.21	Soil	8,580	-1.27
08/16/2021	9:42:09	78782.39	394735.70	34.24	Soil	8,400	-1.39
08/16/2021	9:42:10	78782.52	394735.53	34.21	Soil	9,600	-0.57
08/16/2021	9:42:11	78782.41	394735.47	34.27	Soil	9,720	-0.49
08/16/2021	9:42:12	78782.53	394735.45	34.31	Soil	10,020	-0.28
08/16/2021	9:42:13	78782.63	394735.40	34.29	Soil	8,040	-1.64
08/16/2021	9:42:14	78782.59	394735.21	34.32	Soil	10,680	0.17
08/16/2021	9:42:15	78782.64	394735.03	34.37	Soil	7,860	-1.76
08/16/2021	9:42:16	78782.69	394734.89	34.34	Soil	8,700	-1.19
08/16/2021	9:42:17	78782.61	394734.87	34.42	Soil	9,180	-0.86
08/16/2021	9:42:18	78782.48	394734.87	34.46	Soil	7,800	-1.80
08/16/2021	9:42:19	78782.62	394734.72	34.44	Soil	9,600	-0.57
08/16/2021	9:42:20	78782.57	394734.67	34.47	Soil	9,120	-0.90
08/16/2021	9:42:21	78782.44	394734.50	34.46	Soil	8,220	-1.52
08/16/2021	9:42:22	78782.61	394734.25	34.45	Soil	10,500	0.04
08/16/2021	9:42:23	78782.42	394734.29	34.52	Soil	8,520	-1.31
08/16/2021	9:42:24	78782.08	394734.40	34.57	Soil	8,640	-1.23
08/16/2021	9:42:25	78782.17	394734.33	34.59	Soil	10,080	-0.24
08/16/2021	9:42:26	78782.41	394734.18	34.63	Soil	7,980	-1.68
08/16/2021	9:42:27	78782.49	394734.03	34.60	Soil	9,540	-0.61
08/16/2021	9:42:28	78782.54	394733.90	34.63	Soil	7,680	-1.88
08/16/2021	9:42:29	78782.34	394733.83	34.63	Soil	9,960	-0.32
08/16/2021	9:42:30	78782.31	394733.64	34.67	Soil	10,260	-0.12
08/16/2021	9:42:31	78782.39	394733.41	34.60	Soil	8,640	-1.23
08/16/2021	9:42:32	78782.42	394733.09	34.52	Soil	9,000	-0.98
08/16/2021	9:42:33	78782.37	394733.24	34.70	Soil	10,320	-0.08

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08/16/2021	9:42:34	78782.51	394733.28	34.64	Soil	8,220	-1.52
08/16/2021	9:42:35	78782.60	394733.22	34.58	Soil	9,720	-0.49
08/16/2021	9:42:36	78782.40	394732.97	34.44	Soil	9,660	-0.53
08/16/2021	9:42:37	78782.78	394732.81	34.39	Soil	9,660	-0.53
08/16/2021	9:42:38	78782.76	394732.64	34.44	Soil	9,780	-0.45
08/16/2021	9:42:39	78782.45	394732.45	34.45	Soil	9,840	-0.41
08/16/2021	9:42:40	78782.42	394732.55	34.53	Soil	11,280	0.58
08/16/2021	9:42:41	78782.60	394732.46	34.52	Soil	10,920	0.33
08/16/2021	9:42:42	78782.47	394732.52	34.43	Soil	8,400	-1.39
08/16/2021	9:42:43	78782.23	394732.44	34.37	Soil	8,460	-1.35
08/16/2021	9:42:44	78782.28	394732.55	34.40	Soil	11,220	0.54
08/16/2021	9:42:45	78782.25	394732.71	34.37	Soil	9,120	-0.90
08/16/2021	9:42:46	78782.23	394732.73	34.36	Soil	10,020	-0.28
08/16/2021	9:42:47	78782.23	394732.73	34.36	Soil	10,380	-0.04
08/16/2021	9:42:48	78782.21	394732.73	34.38	Soil	10,260	-0.12
08/16/2021	9:42:49	78782.13	394732.73	34.38	Soil	9,780	-0.45
08/16/2021	9:42:50	78782.09	394732.83	34.37	Soil	10,920	0.33
08/16/2021	9:42:51	78782.20	394732.87	34.39	Soil	8,880	-1.06
08/16/2021	9:42:52	78782.19	394732.74	34.42	Soil	10,140	-0.20
08/16/2021	9:42:53	78782.22	394732.68	34.48	Soil	10,740	0.21
08/16/2021	9:42:54	78782.14	394732.70	34.54	Soil	8,820	-1.10
08/16/2021	9:42:55	78782.09	394732.81	34.56	Soil	9,300	-0.78
08/16/2021	9:42:56	78782.01	394732.67	34.57	Soil	9,240	-0.82
08/16/2021	9:42:57	78782.09	394732.65	34.60	Soil	11,700	0.87
08/16/2021	9:42:58	78782.23	394732.55	34.63	Soil	11,580	0.78
08/16/2021	9:42:59	78782.15	394732.63	34.64	Soil	9,960	-0.32
08/16/2021	9:43:00	78782.11	394732.64	34.63	Soil	10,500	0.04
08/16/2021	9:43:01	78782.08	394732.84	34.58	Soil	10,380	-0.04
08/16/2021	9:43:02	78782.11	394733.10	34.55	Soil	9,120	-0.90
08/16/2021	9:43:03	78782.11	394733.29	34.50	Soil	9,420	-0.69
08/16/2021	9:43:04	78782.06	394733.32	34.50	Soil	9,060	-0.94
08/16/2021	9:43:05	78782.00	394733.46	34.50	Soil	8,940	-1.02
08/16/2021	9:43:06	78781.87	394733.74	34.48	Soil	11,100	0.45
08/16/2021	9:43:07	78781.84	394733.78	34.58	Soil	10,020	-0.28
08/16/2021	9:43:08	78781.76	394733.76	34.64	Soil	9,240	-0.82
08/16/2021	9:43:09	78781.72	394733.81	34.66	Soil	9,480	-0.65
08/16/2021	9:43:10	78781.84	394733.83	34.57	Soil	8,460	-1.35
08/16/2021	9:43:11	78781.81	394733.92	34.55	Soil	10,620	0.13
08/16/2021	9:43:12	78781.88	394734.06	34.50	Soil	9,300	-0.78
08/16/2021	9:43:13	78781.85	394734.23	34.44	Soil	10,080	-0.24
08/16/2021	9:43:14	78781.77	394734.26	34.47	Soil	9,960	-0.32
08/16/2021	9:43:15	78781.74	394734.33	34.46	Soil	8,280	-1.47
08/16/2021	9:43:16	78781.69	394734.67	34.42	Soil	9,420	-0.69
08/16/2021	9:43:17	78781.96	394734.68	34.41	Soil	7,860	-1.76
08/16/2021	9:43:18	78782.12	394734.68	34.41	Soil	9,780	-0.45
08/16/2021	9:43:19	78782.10	394734.71	34.37	Soil	10,800	0.25
08/16/2021	9:43:20	78782.09	394734.86	34.28	Soil	8,100	-1.60
08/16/2021	9:43:21	78782.09	394735.06	34.26	Soil	8,160	-1.56
08/16/2021	9:43:22	78781.96	394735.20	34.22	Soil	8,280	-1.47
08/16/2021	9:43:23	78781.88	394735.25	34.26	Soil	8,460	-1.35
08/16/2021	9:43:24	78781.94	394735.39	34.23	Soil	9,120	-0.90

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08/16/2021	9:43:25	78781.84	394735.54	34.27	Soil	7,260	-2.17
08/16/2021	9:43:26	78781.99	394735.65	34.28	Soil	8,580	-1.27
08/16/2021	9:43:27	78782.12	394735.83	34.23	Soil	6,780	-2.50
08/16/2021	9:43:28	78782.08	394736.02	34.21	Soil	8,760	-1.15
08/16/2021	9:43:29	78782.14	394736.02	34.21	Soil	9,000	-0.98
08/16/2021	9:43:30	78782.11	394735.98	34.16	Soil	10,200	-0.16
08/16/2021	9:43:31	78782.02	394736.14	34.16	Soil	8,580	-1.27
08/16/2021	9:43:32	78782.06	394736.34	34.10	Soil	7,800	-1.80
08/16/2021	9:43:33	78782.01	394736.59	34.00	Soil	8,100	-1.60
08/16/2021	9:43:34	78781.92	394736.84	33.98	Soil	9,180	-0.86
08/16/2021	9:43:35	78781.95	394736.97	34.00	Soil	10,080	-0.24
08/16/2021	9:43:36	78782.08	394737.07	33.98	Soil	10,260	-0.12
08/16/2021	9:43:37	78782.18	394737.03	33.96	Soil	9,180	-0.86
08/16/2021	9:43:38	78782.32	394736.82	33.86	Soil	8,160	-1.56
08/16/2021	9:43:39	78782.41	394736.75	33.86	Soil	8,640	-1.23
08/16/2021	9:43:40	78782.47	394736.79	33.87	Soil	8,040	-1.64
08/16/2021	9:43:41	78782.51	394736.23	33.82	Soil	9,780	-0.45
08/16/2021	9:43:42	78782.50	394736.03	33.86	Soil	11,220	0.54
08/16/2021	9:43:43	78782.48	394736.17	33.88	Soil	8,340	-1.43
08/16/2021	9:43:44	78782.55	394736.24	33.93	Soil	8,940	-1.02
08/16/2021	9:43:45	78782.58	394736.26	33.94	Soil	8,220	-1.52
08/16/2021	9:43:46	78782.58	394736.24	33.94	Soil	7,380	-2.09
08/16/2021	9:43:47	78782.60	394736.23	33.95	Soil	8,760	-1.15
08/16/2021	9:43:48	78782.61	394736.21	33.94	Soil	10,740	0.21
08/16/2021	9:43:49	78782.59	394736.21	33.94	Soil	8,100	-1.60
08/16/2021	9:43:50	78782.60	394736.24	33.96	Soil	9,000	-0.98
08/16/2021	9:43:51	78782.61	394736.23	33.97	Soil	9,360	-0.74
08/16/2021	9:43:52	78782.62	394736.21	33.97	Soil	9,480	-0.65
08/16/2021	9:43:53	78782.64	394736.22	33.97	Soil	8,520	-1.31
08/16/2021	9:43:54	78782.64	394736.22	33.97	Soil	8,580	-1.27
08/16/2021	9:43:55	78782.64	394736.20	33.97	Soil	7,500	-2.01
08/16/2021	9:43:56	78782.71	394736.20	33.94	Soil	9,420	-0.69
08/16/2021	9:43:57	78782.75	394735.94	34.08	Soil	8,220	-1.52
08/16/2021	9:43:58	78782.74	394735.82	34.01	Soil	8,700	-1.19
08/16/2021	9:43:59	78782.99	394735.62	33.99	Soil	9,540	-0.61
08/16/2021	9:44:00	78783.16	394735.67	34.01	Soil	8,760	-1.15
08/16/2021	9:44:01	78783.23	394735.46	34.04	Soil	9,840	-0.41
08/16/2021	9:44:02	78783.40	394735.36	34.14	Soil	10,800	0.25
08/16/2021	9:44:03	78783.63	394735.11	34.01	Soil	8,520	-1.31
08/16/2021	9:44:04	78783.70	394734.85	33.94	Soil	9,480	-0.65
08/16/2021	9:44:05	78783.69	394734.48	33.92	Soil	9,840	-0.41
08/16/2021	9:44:06	78783.54	394734.05	34.03	Soil	10,260	-0.12
08/16/2021	9:44:07	78783.54	394733.33	33.96	Soil	9,600	-0.57
08/16/2021	9:44:08	78783.69	394732.67	33.58	Soil	9,660	-0.53
08/16/2021	9:44:09	78783.77	394732.38	33.57	Soil	9,300	-0.78
08/16/2021	9:44:10	78783.90	394732.41	33.62	Soil	8,940	-1.02
08/16/2021	9:44:11	78783.95	394732.58	33.66	Soil	8,760	-1.15
08/16/2021	9:44:12	78783.83	394732.68	33.77	Soil	10,560	0.09
08/16/2021	9:44:13	78783.84	394732.74	33.75	Soil	11,220	0.54
08/16/2021	9:44:14	78783.94	394732.71	33.81	Soil	9,120	-0.90
08/16/2021	9:44:15	78784.16	394732.64	33.84	Soil	9,120	-0.90

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08/16/2021	9:44:16	78784.33	394732.53	33.98	Soil	8,760	-1.15
08/16/2021	9:44:17	78784.35	394732.54	34.03	Soil	8,400	-1.39
08/16/2021	9:44:18	78784.40	394732.41	33.90	Soil	8,640	-1.23
08/16/2021	9:44:19	78784.42	394732.49	34.07	Soil	9,240	-0.82
08/16/2021	9:44:20	78784.35	394732.62	34.03	Soil	8,760	-1.15
08/16/2021	9:44:21	78784.30	394732.64	33.99	Soil	9,960	-0.32
08/16/2021	9:44:22	78784.23	394732.76	34.07	Soil	9,480	-0.65
08/16/2021	9:44:23	78784.30	394732.80	34.02	Soil	10,200	-0.16
08/16/2021	9:44:24	78784.45	394732.75	34.12	Soil	9,720	-0.49
08/16/2021	9:44:25	78784.59	394732.92	34.11	Soil	9,300	-0.78
08/16/2021	9:44:26	78784.73	394732.92	34.09	Soil	8,880	-1.06
08/16/2021	9:44:27	78784.91	394732.82	34.16	Soil	9,660	-0.53
08/16/2021	9:44:28	78785.00	394732.92	34.16	Soil	10,200	-0.16
08/16/2021	9:44:29	78785.15	394732.89	34.08	Soil	8,700	-1.19
08/16/2021	9:44:30	78785.26	394732.85	34.09	Soil	8,280	-1.47
08/16/2021	9:44:31	78785.36	394732.84	34.25	Soil	9,060	-0.94
08/16/2021	9:44:32	78785.35	394732.65	34.42	Soil	9,480	-0.65
08/16/2021	9:44:33	78785.43	394732.59	34.34	Soil	9,600	-0.57
08/16/2021	9:44:34	78785.62	394732.70	34.24	Soil	8,160	-1.56
08/16/2021	9:44:35	78785.69	394732.65	34.32	Soil	9,660	-0.53
08/16/2021	9:44:36	78785.57	394732.58	34.42	Soil	8,040	-1.64
08/16/2021	9:44:37	78785.53	394732.62	34.30	Soil	7,440	-2.05
08/16/2021	9:44:38	78785.71	394732.71	34.08	Soil	8,760	-1.15
08/16/2021	9:44:39	78785.87	394732.81	34.15	Soil	8,580	-1.27
08/16/2021	9:44:40	78785.85	394732.82	34.37	Soil	8,280	-1.47
08/16/2021	9:44:41	78785.77	394732.84	34.36	Soil	8,220	-1.52
08/16/2021	9:44:42	78785.94	394732.89	34.21	Soil	8,400	-1.39
08/16/2021	9:44:43	78786.04	394732.97	34.18	Soil	7,680	-1.88
08/16/2021	9:44:44	78786.11	394732.98	34.30	Soil	11,220	0.54
08/16/2021	9:44:45	78786.27	394733.08	34.23	Soil	8,760	-1.15
08/16/2021	9:44:46	78786.37	394733.16	34.15	Soil	9,660	-0.53
08/16/2021	9:44:47	78786.40	394733.04	34.17	Soil	8,820	-1.10
08/16/2021	9:44:48	78786.20	394732.95	34.33	Soil	10,080	-0.24
08/16/2021	9:44:49	78786.25	394733.02	34.20	Soil	7,500	-2.01
08/16/2021	9:44:50	78786.47	394733.18	34.02	Soil	8,580	-1.27
08/16/2021	9:44:51	78786.51	394733.18	33.96	Soil	8,580	-1.27
08/16/2021	9:44:52	78786.59	394733.20	34.04	Soil	9,300	-0.78
08/16/2021	9:44:53	78786.66	394733.36	33.89	Soil	8,520	-1.31
08/16/2021	9:44:54	78786.73	394733.43	33.77	Soil	9,240	-0.82
08/16/2021	9:44:55	78786.84	394733.30	33.77	Soil	8,880	-1.06
08/16/2021	9:44:56	78786.90	394733.20	33.86	Soil	7,740	-1.84
08/16/2021	9:44:57	78786.93	394733.27	33.76	Soil	8,160	-1.56
08/16/2021	9:44:58	78786.98	394733.24	33.60	Soil	12,120	1.15
08/16/2021	9:44:59	78787.04	394733.19	33.54	Soil	9,240	-0.82
08/16/2021	9:45:00	78787.11	394733.35	33.44	Soil	9,480	-0.65
08/16/2021	9:45:01	78787.19	394733.26	33.60	Soil	9,600	-0.57
08/16/2021	9:45:02	78787.24	394733.01	33.65	Soil	9,360	-0.74
08/16/2021	9:45:03	78787.26	394733.13	33.58	Soil	11,580	0.78
08/16/2021	9:45:04	78787.15	394733.44	33.36	Soil	9,180	-0.86
08/16/2021	9:45:05	78787.20	394733.58	33.28	Soil	11,520	0.74
08/16/2021	9:45:06	78787.15	394733.38	33.29	Soil	8,100	-1.60

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08/16/2021	9:45:07	78787.26	394733.33	33.27	Soil	9,240	-0.82
08/16/2021	9:45:08	78787.41	394733.08	33.07	Soil	9,360	-0.74
08/16/2021	9:45:09	78787.24	394732.56	33.04	Soil	9,900	-0.37
08/16/2021	9:45:10	78787.04	394732.32	32.98	Soil	8,580	-1.27
08/16/2021	9:45:11	78787.04	394732.29	32.93	Soil	8,880	-1.06
08/16/2021	9:45:12	78787.06	394732.27	32.91	Soil	9,000	-0.98
08/16/2021	9:45:13	78787.06	394732.25	32.89	Soil	10,020	-0.28
08/16/2021	9:45:14	78787.05	394732.24	32.92	Soil	10,860	0.29
08/16/2021	9:45:15	78787.02	394732.23	32.94	Soil	9,420	-0.69
08/16/2021	9:45:16	78787.01	394732.21	32.94	Soil	8,400	-1.39
08/16/2021	9:45:17	78786.99	394732.19	32.94	Soil	9,540	-0.61
08/16/2021	9:45:18	78786.98	394732.18	32.93	Soil	8,820	-1.10
08/16/2021	9:45:19	78786.96	394732.16	32.93	Soil	8,580	-1.27
08/16/2021	9:45:20	78786.94	394732.15	32.91	Soil	8,280	-1.47
08/16/2021	9:45:21	78786.92	394732.13	32.89	Soil	9,060	-0.94
08/16/2021	9:45:22	78786.90	394732.12	32.88	Soil	9,960	-0.32
08/16/2021	9:45:23	78786.88	394732.11	32.87	Soil	9,300	-0.78
08/16/2021	9:45:24	78786.85	394732.10	32.86	Soil	11,100	0.45
08/16/2021	9:45:25	78786.83	394732.09	32.86	Soil	8,340	-1.43
08/16/2021	9:45:26	78786.80	394732.08	32.85	Soil	8,880	-1.06
08/16/2021	9:45:27	78786.77	394732.07	32.85	Soil	6,780	-2.50
08/16/2021	9:45:28	78786.74	394732.07	32.84	Soil	7,740	-1.84
08/16/2021	9:45:29	78786.71	394732.06	32.83	Soil	7,560	-1.97
08/16/2021	9:45:30	78786.68	394732.06	32.87	Soil	6,420	-2.75
08/16/2021	9:45:31	78786.65	394732.07	32.91	Soil	7,560	-1.97
08/16/2021	9:45:32	78786.62	394732.08	32.96	Soil	8,160	-1.56
08/16/2021	9:45:33	78786.58	394732.09	33.00	Soil	8,940	-1.02
08/16/2021	9:45:34	78786.55	394732.09	33.05	Soil	8,700	-1.19
08/16/2021	9:45:35	78786.51	394732.10	33.10	Soil	7,440	-2.05
08/16/2021	9:45:36	78786.47	394732.12	33.15	Soil	6,300	-2.83
08/16/2021	9:45:37	78786.44	394732.13	33.19	Soil	8,040	-1.64
08/16/2021	9:45:38	78786.40	394732.14	33.24	Soil	7,380	-2.09
08/16/2021	9:45:39	78786.36	394732.15	33.29	Soil	7,440	-2.05
08/16/2021	9:45:40	78786.32	394732.16	33.34	Soil	7,320	-2.13
08/16/2021	9:45:41	78786.28	394732.16	33.38	Soil	7,020	-2.34
08/16/2021	9:45:42	78786.24	394732.17	33.42	Soil	7,020	-2.34
08/16/2021	9:45:43	78786.21	394732.18	33.45	Soil	6,660	-2.58
08/16/2021	9:45:44	78786.18	394732.19	33.52	Soil	8,820	-1.10
08/16/2021	9:45:45	78786.14	394732.20	33.60	Soil	8,100	-1.60
08/16/2021	9:45:46	78786.09	394732.22	33.65	Soil	7,140	-2.25
08/16/2021	9:45:47	78786.06	394732.24	33.71	Soil	7,860	-1.76
08/16/2021	9:45:48	78786.05	394732.27	33.77	Soil	8,280	-1.47
08/16/2021	9:45:49	78786.07	394732.27	33.80	Soil	7,680	-1.88
08/16/2021	9:45:50	78786.12	394732.23	33.75	Soil	6,360	-2.79
08/16/2021	9:45:51	78786.25	394732.16	33.60	Soil	7,500	-2.01
08/16/2021	9:45:52	78786.36	394732.10	33.51	Soil	8,160	-1.56
08/16/2021	9:45:53	78786.45	394732.06	33.45	Soil	7,500	-2.01
08/16/2021	9:45:54	78786.52	394732.02	33.41	Soil	7,800	-1.80
08/16/2021	9:45:55	78786.56	394732.00	33.39	Soil	6,000	-3.03
08/16/2021	9:45:56	78786.61	394731.97	33.33	Soil	7,080	-2.29
08/16/2021	9:45:57	78786.64	394731.93	33.37	Soil	5,400	-3.44

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08/18/2021	10:22:06	78782.36	394739.30	34.63	Soil	10,200	-0.16
08/18/2021	10:22:07	78782.05	394739.17	34.69	Soil	11,460	0.70
08/18/2021	10:22:08	78781.69	394739.13	34.81	Soil	11,760	0.91
08/18/2021	10:22:09	78781.70	394739.33	34.90	Soil	11,400	0.66
08/18/2021	10:22:10	78781.96	394739.51	34.88	Soil	10,200	-0.16
08/18/2021	10:22:11	78782.32	394739.71	34.86	Soil	10,500	0.04
08/18/2021	10:22:12	78782.64	394739.64	34.80	Soil	9,180	-0.86
08/18/2021	10:22:13	78782.98	394739.70	34.81	Soil	10,680	0.17
08/18/2021	10:22:14	78783.25	394739.66	34.78	Soil	11,400	0.66
08/18/2021	10:22:15	78783.47	394739.69	34.76	Soil	11,760	0.91
08/18/2021	10:22:16	78783.67	394739.73	34.82	Soil	12,600	1.48
08/18/2021	10:22:17	78783.87	394739.74	34.83	Soil	10,680	0.17
08/18/2021	10:22:18	78784.09	394739.82	34.86	Soil	11,040	0.41
08/18/2021	10:22:19	78784.42	394739.90	34.91	Soil	10,800	0.25
08/18/2021	10:22:20	78784.74	394739.93	35.01	Soil	10,440	0.00
08/18/2021	10:22:21	78785.02	394739.98	35.02	Soil	10,080	-0.24
08/18/2021	10:22:22	78785.36	394739.94	35.03	Soil	10,020	-0.28
08/18/2021	10:22:23	78785.68	394739.97	34.97	Soil	11,760	0.91
08/18/2021	10:22:24	78786.07	394740.02	34.97	Soil	10,980	0.37
08/18/2021	10:22:25	78786.50	394740.07	34.93	Soil	9,000	-0.98
08/18/2021	10:22:26	78786.85	394740.07	34.97	Soil	9,180	-0.86
08/18/2021	10:22:27	78787.04	394740.14	35.09	Soil	8,520	-1.31
08/18/2021	10:22:28	78787.16	394740.33	35.22	Soil	10,560	0.09
08/18/2021	10:22:29	78787.19	394740.52	35.34	Soil	10,200	-0.16
08/18/2021	10:22:30	78787.18	394740.69	35.37	Soil	9,300	-0.78
08/18/2021	10:22:31	78787.11	394740.60	35.37	Soil	9,660	-0.53
08/18/2021	10:22:32	78786.94	394740.65	35.39	Soil	8,040	-1.64
08/18/2021	10:22:33	78786.79	394740.54	35.31	Soil	9,660	-0.53
08/18/2021	10:22:34	78786.61	394740.51	35.27	Soil	8,280	-1.47
08/18/2021	10:22:35	78786.40	394740.54	35.23	Soil	9,780	-0.45
08/18/2021	10:22:36	78786.11	394740.52	35.22	Soil	9,120	-0.90
08/18/2021	10:22:37	78785.87	394740.56	35.26	Soil	9,060	-0.94
08/18/2021	10:22:38	78785.66	394740.48	35.29	Soil	11,640	0.82
08/18/2021	10:22:39	78785.43	394740.56	35.29	Soil	9,720	-0.49
08/18/2021	10:22:40	78785.13	394740.54	35.37	Soil	11,220	0.54
08/18/2021	10:22:41	78784.87	394740.50	35.36	Soil	10,260	-0.12
08/18/2021	10:22:42	78784.61	394740.42	35.38	Soil	10,560	0.09
08/18/2021	10:22:43	78784.41	394740.46	35.38	Soil	11,700	0.87
08/18/2021	10:22:44	78784.21	394740.41	35.35	Soil	11,580	0.78
08/18/2021	10:22:45	78783.99	394740.42	35.34	Soil	11,100	0.45
08/18/2021	10:22:46	78783.70	394740.48	35.39	Soil	11,040	0.41
08/18/2021	10:22:47	78783.49	394740.36	35.33	Soil	9,780	-0.45
08/18/2021	10:22:48	78783.18	394740.28	35.30	Soil	10,140	-0.20
08/18/2021	10:22:49	78782.85	394740.18	35.28	Soil	10,140	-0.20
08/18/2021	10:22:50	78782.63	394740.25	35.30	Soil	9,360	-0.74
08/18/2021	10:22:51	78782.40	394740.20	35.27	Soil	10,200	-0.16
08/18/2021	10:22:52	78782.09	394740.19	35.29	Soil	9,900	-0.37
08/18/2021	10:22:53	78781.83	394740.23	35.39	Soil	11,220	0.54
08/18/2021	10:22:54	78781.61	394740.37	35.57	Soil	11,400	0.66
08/18/2021	10:22:55	78781.52	394740.75	35.52	Soil	10,680	0.17
08/18/2021	10:22:56	78781.64	394740.72	35.64	Soil	11,340	0.62

SU 7B GWS RESULTS

08/18/2021	10:22:57	78781.70	394740.68	35.68	Soil	9,600	-0.57
08/18/2021	10:22:58	78781.77	394740.81	35.73	Soil	11,700	0.87
08/18/2021	10:22:59	78781.84	394740.83	35.70	Soil	9,540	-0.61
08/18/2021	10:23:00	78782.05	394740.96	35.67	Soil	10,140	-0.20
08/18/2021	10:23:01	78782.25	394741.05	35.72	Soil	10,800	0.25
08/18/2021	10:23:02	78782.29	394741.04	35.71	Soil	11,340	0.62
08/18/2021	10:23:03	78782.41	394740.96	35.66	Soil	11,640	0.82
08/18/2021	10:23:04	78782.53	394740.99	35.64	Soil	9,780	-0.45
08/18/2021	10:23:05	78782.68	394741.00	35.67	Soil	9,960	-0.32
08/18/2021	10:23:06	78782.89	394741.00	35.66	Soil	10,980	0.37
08/18/2021	10:23:07	78783.02	394740.83	35.52	Soil	11,340	0.62
08/18/2021	10:23:08	78783.20	394740.88	35.60	Soil	9,180	-0.86
08/18/2021	10:23:09	78783.42	394740.90	35.53	Soil	10,920	0.33
08/18/2021	10:23:10	78783.65	394740.98	35.63	Soil	11,700	0.87
08/18/2021	10:23:11	78783.85	394740.86	35.49	Soil	9,240	-0.82
08/18/2021	10:23:12	78784.11	394740.88	35.50	Soil	9,780	-0.45
08/18/2021	10:23:13	78784.39	394740.82	35.44	Soil	10,440	0.00
08/18/2021	10:23:14	78784.59	394740.84	35.46	Soil	9,600	-0.57
08/18/2021	10:23:15	78784.81	394740.82	35.44	Soil	9,840	-0.41
08/18/2021	10:23:16	78785.10	394740.89	35.51	Soil	9,180	-0.86
08/18/2021	10:23:17	78785.39	394740.90	35.53	Soil	9,840	-0.41
08/18/2021	10:23:18	78785.67	394740.89	35.56	Soil	11,820	0.95
08/18/2021	10:23:19	78785.93	394740.93	35.59	Soil	9,780	-0.45
08/18/2021	10:23:20	78786.12	394740.92	35.61	Soil	9,840	-0.41
08/18/2021	10:23:21	78786.35	394740.97	35.62	Soil	9,540	-0.61
08/18/2021	10:23:22	78786.59	394740.89	35.63	Soil	9,000	-0.98
08/18/2021	10:23:23	78786.78	394740.91	35.64	Soil	9,240	-0.82
08/18/2021	10:23:24	78786.92	394740.83	35.66	Soil	9,180	-0.86
08/18/2021	10:23:25	78786.98	394740.78	35.65	Soil	10,560	0.09
08/18/2021	10:23:26	78787.09	394740.93	35.77	Soil	9,060	-0.94
08/18/2021	10:23:27	78787.19	394741.06	35.89	Soil	11,040	0.41
08/18/2021	10:23:28	78787.33	394741.11	35.90	Soil	9,840	-0.41
08/18/2021	10:23:29	78787.31	394741.17	35.96	Soil	11,700	0.87
08/18/2021	10:23:30	78787.24	394741.28	35.94	Soil	10,500	0.04
08/18/2021	10:23:31	78787.28	394741.42	35.95	Soil	9,660	-0.53
08/18/2021	10:23:32	78787.16	394741.33	35.92	Soil	11,040	0.41
08/18/2021	10:23:33	78787.00	394741.38	35.93	Soil	10,020	-0.28
08/18/2021	10:23:34	78786.94	394741.52	35.96	Soil	11,400	0.66
08/18/2021	10:23:35	78786.80	394741.47	35.91	Soil	9,960	-0.32
08/18/2021	10:23:36	78786.61	394741.50	35.90	Soil	10,500	0.04
08/18/2021	10:23:37	78786.40	394741.50	35.88	Soil	9,360	-0.74
08/18/2021	10:23:38	78786.20	394741.50	35.89	Soil	11,040	0.41
08/18/2021	10:23:39	78785.99	394741.48	35.86	Soil	8,340	-1.43
08/18/2021	10:23:40	78785.86	394741.46	35.89	Soil	9,780	-0.45
08/18/2021	10:23:41	78785.83	394741.48	35.91	Soil	9,480	-0.65
08/18/2021	10:23:42	78785.81	394741.51	35.91	Soil	10,860	0.29
08/18/2021	10:23:43	78785.79	394741.48	35.91	Soil	11,340	0.62
08/18/2021	10:23:44	78785.77	394741.44	35.93	Soil	10,140	-0.20
08/18/2021	10:23:45	78785.67	394741.44	35.94	Soil	9,300	-0.78
08/18/2021	10:23:46	78785.47	394741.47	35.89	Soil	11,220	0.54
08/18/2021	10:23:47	78785.26	394741.48	35.96	Soil	9,540	-0.61

SU 7B GWS RESULTS

08/18/2021	10:23:48	78785.13	394741.48	35.91	Soil	9,600	-0.57
08/18/2021	10:23:49	78784.88	394741.45	35.96	Soil	8,640	-1.23
08/18/2021	10:23:50	78784.69	394741.42	35.94	Soil	11,460	0.70
08/18/2021	10:23:51	78784.40	394741.40	35.96	Soil	11,040	0.41
08/18/2021	10:23:52	78784.14	394741.44	36.00	Soil	8,940	-1.02
08/18/2021	10:23:53	78783.81	394741.46	36.00	Soil	9,960	-0.32
08/18/2021	10:23:54	78783.53	394741.51	35.96	Soil	10,380	-0.04
08/18/2021	10:23:55	78783.22	394741.54	36.00	Soil	10,920	0.33
08/18/2021	10:23:56	78782.95	394741.59	35.98	Soil	10,500	0.04
08/18/2021	10:23:57	78782.69	394741.57	36.02	Soil	9,780	-0.45
08/18/2021	10:23:58	78782.46	394741.45	36.01	Soil	10,860	0.29
08/18/2021	10:23:59	78782.26	394741.44	35.97	Soil	13,380	2.01
08/18/2021	10:24:00	78782.02	394741.39	36.10	Soil	11,160	0.50
08/18/2021	10:24:01	78781.81	394741.39	36.11	Soil	11,400	0.66
08/18/2021	10:24:02	78781.58	394741.28	36.16	Soil	11,340	0.62
08/18/2021	10:24:03	78781.43	394741.15	36.17	Soil	10,140	-0.20
08/18/2021	10:24:04	78781.52	394741.19	36.24	Soil	11,940	1.03
08/18/2021	10:24:05	78781.38	394741.33	36.32	Soil	8,940	-1.02
08/18/2021	10:24:06	78781.31	394741.48	36.35	Soil	10,560	0.09
08/18/2021	10:24:07	78781.35	394741.55	36.39	Soil	11,820	0.95
08/18/2021	10:24:08	78781.51	394741.70	36.48	Soil	9,840	-0.41
08/18/2021	10:24:09	78781.62	394741.82	36.48	Soil	11,520	0.74
08/18/2021	10:24:10	78781.68	394741.84	36.47	Soil	10,440	0.00
08/18/2021	10:24:11	78781.69	394741.89	36.48	Soil	10,560	0.09
08/18/2021	10:24:12	78781.68	394741.89	36.49	Soil	9,900	-0.37
08/18/2021	10:24:13	78781.68	394741.90	36.49	Soil	10,920	0.33
08/18/2021	10:24:14	78781.68	394741.88	36.49	Soil	12,780	1.60
08/18/2021	10:24:15	78781.67	394741.83	36.51	Soil	11,580	0.78
08/18/2021	10:24:16	78781.85	394741.84	36.57	Soil	11,340	0.62
08/18/2021	10:24:17	78782.12	394741.77	36.55	Soil	9,780	-0.45
08/18/2021	10:24:18	78782.38	394741.77	36.49	Soil	11,100	0.45
08/18/2021	10:24:19	78782.65	394741.81	36.55	Soil	10,140	-0.20
08/18/2021	10:24:20	78782.89	394741.76	36.46	Soil	11,880	0.99
08/18/2021	10:24:21	78783.14	394741.76	36.45	Soil	12,480	1.40
08/18/2021	10:24:22	78783.28	394741.71	36.40	Soil	11,100	0.45
08/18/2021	10:24:23	78783.54	394741.74	36.43	Soil	11,100	0.45
08/18/2021	10:24:24	78783.71	394741.75	36.38	Soil	11,640	0.82
08/18/2021	10:24:25	78783.81	394741.66	36.38	Soil	9,000	-0.98
08/18/2021	10:24:26	78783.97	394741.65	36.40	Soil	10,020	-0.28
08/18/2021	10:24:27	78784.12	394741.65	36.38	Soil	11,820	0.95
08/18/2021	10:24:28	78784.33	394741.59	36.35	Soil	10,440	0.00
08/18/2021	10:24:29	78784.46	394741.57	36.29	Soil	10,620	0.13
08/18/2021	10:24:30	78784.58	394741.58	36.29	Soil	8,220	-1.52
08/18/2021	10:24:31	78784.72	394741.54	36.28	Soil	10,860	0.29
08/18/2021	10:24:32	78784.93	394741.60	36.27	Soil	11,700	0.87
08/18/2021	10:24:33	78785.12	394741.63	36.24	Soil	10,320	-0.08
08/18/2021	10:24:34	78785.39	394741.71	36.26	Soil	9,780	-0.45
08/18/2021	10:24:35	78785.68	394741.66	36.16	Soil	10,020	-0.28
08/18/2021	10:24:36	78785.77	394741.63	36.14	Soil	8,520	-1.31
08/18/2021	10:24:37	78785.76	394741.61	36.10	Soil	8,820	-1.10
08/18/2021	10:24:38	78785.74	394741.59	36.07	Soil	9,720	-0.49

SU 7B GWS RESULTS

08/18/2021	10:24:39	78785.75	394741.55	36.05	Soil	8,580	-1.27
08/18/2021	10:24:40	78785.75	394741.52	36.03	Soil	8,760	-1.15
08/18/2021	10:24:41	78785.75	394741.49	36.02	Soil	8,640	-1.23
08/18/2021	10:24:42	78785.79	394741.48	36.03	Soil	9,600	-0.57
08/18/2021	10:24:43	78786.00	394741.53	36.02	Soil	8,760	-1.15
08/18/2021	10:24:44	78786.24	394741.46	36.02	Soil	10,020	-0.28
08/18/2021	10:24:45	78786.41	394741.44	36.06	Soil	9,360	-0.74
08/18/2021	10:24:46	78786.51	394741.51	36.12	Soil	9,060	-0.94
08/18/2021	10:24:47	78786.59	394741.59	36.24	Soil	10,740	0.21
08/18/2021	10:24:48	78786.71	394741.62	36.36	Soil	8,940	-1.02
08/18/2021	10:24:49	78786.76	394741.67	36.45	Soil	10,920	0.33
08/18/2021	10:24:50	78786.90	394741.73	36.55	Soil	10,320	-0.08
08/18/2021	10:24:51	78786.85	394741.77	36.58	Soil	9,360	-0.74
08/18/2021	10:24:52	78786.73	394741.93	36.57	Soil	9,540	-0.61
08/18/2021	10:24:53	78786.77	394741.92	36.52	Soil	9,000	-0.98
08/18/2021	10:24:54	78786.73	394741.95	36.51	Soil	8,940	-1.02
08/18/2021	10:24:55	78786.54	394741.97	36.51	Soil	8,640	-1.23
08/18/2021	10:24:56	78786.37	394741.91	36.42	Soil	10,380	-0.04
08/18/2021	10:24:57	78786.32	394742.08	36.47	Soil	9,240	-0.82
08/18/2021	10:24:58	78786.20	394742.09	36.54	Soil	10,080	-0.24
08/18/2021	10:24:59	78786.14	394742.14	36.54	Soil	9,540	-0.61
08/18/2021	10:25:00	78786.16	394742.17	36.52	Soil	8,940	-1.02
08/18/2021	10:25:01	78786.20	394742.19	36.51	Soil	8,940	-1.02
08/18/2021	10:25:02	78786.19	394742.23	36.52	Soil	8,520	-1.31
08/18/2021	10:25:03	78786.18	394742.25	36.54	Soil	8,820	-1.10
08/18/2021	10:25:04	78786.17	394742.26	36.53	Soil	7,680	-1.88
08/18/2021	10:25:05	78786.16	394742.26	36.54	Soil	10,080	-0.24
08/18/2021	10:25:06	78786.15	394742.26	36.54	Soil	8,280	-1.47
08/18/2021	10:25:07	78786.16	394742.26	36.54	Soil	9,060	-0.94
08/18/2021	10:25:08	78786.17	394742.27	36.54	Soil	10,080	-0.24
08/18/2021	10:25:09	78786.19	394742.28	36.54	Soil	10,140	-0.20
08/18/2021	10:25:10	78786.22	394742.26	36.56	Soil	9,060	-0.94
08/18/2021	10:25:11	78786.22	394742.25	36.56	Soil	8,100	-1.60
08/18/2021	10:25:12	78786.20	394742.26	36.56	Soil	9,840	-0.41
08/18/2021	10:25:13	78786.23	394742.32	36.55	Soil	7,800	-1.80
08/18/2021	10:25:14	78786.25	394742.36	36.53	Soil	8,640	-1.23
08/18/2021	10:25:15	78786.26	394742.34	36.50	Soil	9,900	-0.37
08/18/2021	10:25:16	78786.24	394742.31	36.50	Soil	8,760	-1.15
08/18/2021	10:25:17	78786.23	394742.30	36.50	Soil	6,780	-2.50
08/18/2021	10:25:18	78786.23	394742.29	36.51	Soil	8,940	-1.02
08/18/2021	10:25:19	78786.23	394742.28	36.51	Soil	9,060	-0.94
08/18/2021	10:25:20	78786.23	394742.29	36.50	Soil	9,240	-0.82
08/18/2021	10:25:21	78786.23	394742.29	36.51	Soil	8,340	-1.43
08/18/2021	10:25:22	78786.23	394742.29	36.51	Soil	9,120	-0.90
08/18/2021	10:25:23	78786.23	394742.29	36.51	Soil	8,880	-1.06
08/18/2021	10:25:24	78786.23	394742.29	36.51	Soil	9,660	-0.53
08/18/2021	10:25:25	78786.23	394742.29	36.51	Soil	8,700	-1.19
08/18/2021	10:25:26	78786.24	394742.29	36.52	Soil	9,180	-0.86
08/18/2021	10:25:27	78786.24	394742.29	36.53	Soil	9,540	-0.61
08/18/2021	10:25:28	78786.24	394742.29	36.53	Soil	10,620	0.13
08/18/2021	10:25:29	78786.24	394742.29	36.54	Soil	8,520	-1.31

SU 7B GWS RESULTS

08/18/2021	10:25:30	78786.25	394742.28	36.56	Soil	9,960	-0.32
08/18/2021	10:25:31	78786.25	394742.28	36.57	Soil	8,100	-1.60
08/18/2021	10:25:32	78786.26	394742.31	36.59	Soil	9,240	-0.82
08/18/2021	10:25:33	78786.14	394742.30	36.64	Soil	10,260	-0.12
08/18/2021	10:25:34	78786.03	394742.35	36.70	Soil	9,000	-0.98
08/18/2021	10:25:35	78785.96	394742.35	36.69	Soil	9,240	-0.82
08/18/2021	10:25:36	78785.82	394742.41	36.72	Soil	9,240	-0.82
08/18/2021	10:25:37	78785.72	394742.43	36.75	Soil	9,120	-0.90
08/18/2021	10:25:38	78785.55	394742.39	36.72	Soil	9,960	-0.32
08/18/2021	10:25:39	78785.41	394742.37	36.69	Soil	12,600	1.48
08/18/2021	10:25:40	78785.41	394742.37	36.67	Soil	8,580	-1.27
08/18/2021	10:25:41	78785.34	394742.38	36.62	Soil	9,780	-0.45
08/18/2021	10:25:42	78785.18	394742.37	36.73	Soil	9,420	-0.69
08/18/2021	10:25:43	78785.01	394742.39	36.73	Soil	9,180	-0.86
08/18/2021	10:25:44	78784.92	394742.39	36.71	Soil	9,600	-0.57
08/18/2021	10:25:45	78784.81	394742.32	36.73	Soil	9,060	-0.94
08/18/2021	10:25:46	78784.73	394742.29	36.69	Soil	9,240	-0.82
08/18/2021	10:25:47	78784.70	394742.26	36.70	Soil	9,600	-0.57
08/18/2021	10:25:48	78784.67	394742.27	36.72	Soil	11,100	0.45
08/18/2021	10:25:49	78784.61	394742.25	36.73	Soil	9,780	-0.45
08/18/2021	10:25:50	78784.43	394742.28	36.72	Soil	9,960	-0.32
08/18/2021	10:25:51	78784.32	394742.25	36.71	Soil	8,820	-1.10
08/18/2021	10:25:52	78784.18	394742.24	36.73	Soil	9,180	-0.86
08/18/2021	10:25:53	78784.04	394742.26	36.73	Soil	10,860	0.29
08/18/2021	10:25:54	78783.85	394742.29	36.73	Soil	10,020	-0.28
08/18/2021	10:25:55	78783.64	394742.16	36.70	Soil	13,200	1.89
08/18/2021	10:25:56	78783.54	394742.03	36.66	Soil	10,680	0.17
08/18/2021	10:25:57	78783.41	394742.12	36.67	Soil	10,740	0.21
08/18/2021	10:25:58	78783.31	394742.18	36.66	Soil	11,640	0.82
08/18/2021	10:25:59	78783.11	394742.19	36.68	Soil	9,780	-0.45
08/18/2021	10:26:00	78782.90	394742.15	36.69	Soil	11,820	0.95
08/18/2021	10:26:01	78782.58	394742.16	36.74	Soil	9,360	-0.74
08/18/2021	10:26:02	78782.16	394742.09	36.74	Soil	12,000	1.07
08/18/2021	10:26:03	78781.82	394742.05	36.81	Soil	11,700	0.87
08/18/2021	10:26:04	78781.64	394742.10	36.86	Soil	10,680	0.17
08/18/2021	10:26:05	78781.63	394742.27	36.86	Soil	11,100	0.45
08/18/2021	10:26:06	78781.79	394742.51	37.03	Soil	11,820	0.95
08/18/2021	10:26:07	78781.98	394742.69	37.08	Soil	11,280	0.58
08/18/2021	10:26:08	78782.27	394742.77	37.06	Soil	11,520	0.74
08/18/2021	10:26:09	78782.62	394742.88	37.06	Soil	11,940	1.03
08/18/2021	10:26:10	78782.94	394742.99	37.15	Soil	10,740	0.21
08/18/2021	10:26:11	78783.33	394743.09	37.15	Soil	9,900	-0.37
08/18/2021	10:26:12	78783.66	394743.14	37.19	Soil	11,220	0.54
08/18/2021	10:26:13	78784.01	394743.25	37.24	Soil	10,500	0.04
08/18/2021	10:26:14	78784.38	394743.34	37.30	Soil	10,080	-0.24
08/18/2021	10:26:15	78784.60	394743.35	37.33	Soil	8,580	-1.27
08/18/2021	10:26:16	78784.86	394743.38	37.32	Soil	8,940	-1.02
08/18/2021	10:26:17	78785.10	394743.36	37.38	Soil	8,640	-1.23
08/18/2021	10:26:18	78785.12	394743.21	37.31	Soil	9,240	-0.82
08/18/2021	10:26:19	78784.90	394743.08	37.22	Soil	9,180	-0.86
08/18/2021	10:26:20	78784.73	394743.11	37.21	Soil	10,860	0.29

SU 7B GWS RESULTS

08/18/2021	10:26:21	78784.65	394743.18	37.23	Soil	9,660	-0.53
08/18/2021	10:26:22	78784.74	394743.21	37.18	Soil	10,260	-0.12
08/18/2021	10:26:23	78784.79	394743.06	37.11	Soil	10,260	-0.12
08/18/2021	10:26:24	78784.81	394742.92	37.10	Soil	10,380	-0.04
08/18/2021	10:26:25	78784.85	394742.86	37.09	Soil	8,880	-1.06
08/18/2021	10:26:26	78785.02	394742.91	37.14	Soil	9,300	-0.78
08/18/2021	10:26:27	78785.26	394743.10	37.15	Soil	7,860	-1.76
08/18/2021	10:26:28	78785.41	394743.21	37.24	Soil	9,360	-0.74
08/18/2021	10:26:29	78785.41	394743.15	37.23	Soil	10,620	0.13
08/18/2021	10:26:30	78785.37	394743.20	37.24	Soil	8,280	-1.47
08/18/2021	10:26:31	78785.30	394743.34	37.37	Soil	9,720	-0.49
08/18/2021	10:26:32	78785.23	394743.45	37.43	Soil	9,900	-0.37
08/18/2021	10:26:33	78785.19	394743.43	37.44	Soil	10,980	0.37
08/18/2021	10:26:34	78785.24	394743.51	37.52	Soil	10,680	0.17
08/18/2021	10:26:35	78785.38	394743.58	37.63	Soil	9,120	-0.90
08/18/2021	10:26:36	78785.30	394743.90	37.72	Soil	9,720	-0.49
08/18/2021	10:26:37	78785.15	394744.06	37.79	Soil	10,740	0.21
08/18/2021	10:26:38	78784.85	394744.12	37.94	Soil	9,720	-0.49
08/18/2021	10:26:39	78784.75	394744.29	37.97	Soil	9,840	-0.41
08/18/2021	10:26:40	78784.86	394744.35	37.94	Soil	8,520	-1.31
08/18/2021	10:26:41	78784.78	394744.34	37.91	Soil	9,060	-0.94
08/18/2021	10:26:42	78784.58	394744.30	37.87	Soil	10,380	-0.04
08/18/2021	10:26:43	78784.47	394744.25	37.86	Soil	10,080	-0.24
08/18/2021	10:26:44	78784.30	394744.23	37.84	Soil	10,260	-0.12
08/18/2021	10:26:45	78784.20	394744.23	37.81	Soil	9,540	-0.61
08/18/2021	10:26:46	78784.14	394744.18	37.75	Soil	11,340	0.62
08/18/2021	10:26:47	78784.16	394743.97	37.68	Soil	10,200	-0.16
08/18/2021	10:26:48	78784.09	394743.90	37.57	Soil	9,900	-0.37
08/18/2021	10:26:49	78783.93	394743.87	37.50	Soil	11,700	0.87
08/18/2021	10:26:50	78783.87	394743.84	37.45	Soil	10,500	0.04
08/18/2021	10:26:51	78783.90	394743.84	37.42	Soil	9,960	-0.32
08/18/2021	10:26:52	78783.95	394743.87	37.41	Soil	10,380	-0.04
08/18/2021	10:26:53	78783.86	394743.85	37.42	Soil	11,760	0.91
08/18/2021	10:26:54	78783.79	394743.86	37.42	Soil	9,240	-0.82
08/18/2021	10:26:55	78783.70	394743.79	37.38	Soil	11,460	0.70
08/18/2021	10:26:56	78783.83	394743.64	37.38	Soil	11,760	0.91
08/18/2021	10:26:57	78784.01	394743.58	37.33	Soil	11,280	0.58
08/18/2021	10:26:58	78784.22	394743.53	37.31	Soil	10,560	0.09
08/18/2021	10:26:59	78784.36	394743.48	37.26	Soil	9,720	-0.49
08/18/2021	10:27:00	78784.39	394743.47	37.23	Soil	8,760	-1.15
08/18/2021	10:27:01	78784.45	394743.50	37.18	Soil	9,060	-0.94
08/18/2021	10:27:02	78784.80	394743.55	37.21	Soil	9,720	-0.49
08/18/2021	10:27:03	78784.98	394743.45	37.18	Soil	6,960	-2.38
08/18/2021	10:27:04	78784.97	394743.49	37.22	Soil	8,460	-1.35
08/18/2021	10:27:05	78784.93	394743.59	37.24	Soil	9,660	-0.53
08/18/2021	10:27:06	78784.78	394743.48	37.15	Soil	11,820	0.95
08/18/2021	10:27:07	78784.61	394743.38	37.12	Soil	10,440	0.00
08/18/2021	10:27:08	78784.47	394743.28	37.05	Soil	9,720	-0.49
08/18/2021	10:27:09	78784.52	394743.18	37.05	Soil	9,360	-0.74
08/18/2021	10:27:10	78784.81	394743.01	36.99	Soil	10,320	-0.08
08/18/2021	10:27:11	78785.09	394742.86	36.91	Soil	9,840	-0.41

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08/18/2021	10:27:12	78785.27	394742.87	36.94	Soil	10,740	0.21
08/18/2021	10:27:13	78785.40	394742.81	36.91	Soil	9,780	-0.45
08/18/2021	10:27:14	78785.43	394742.70	36.80	Soil	9,840	-0.41
08/18/2021	10:27:15	78785.34	394742.57	36.70	Soil	9,300	-0.78
08/18/2021	10:27:16	78785.46	394742.31	36.59	Soil	9,540	-0.61
08/18/2021	10:27:17	78785.31	394742.26	36.50	Soil	10,740	0.21
08/18/2021	10:27:18	78784.89	394742.21	36.55	Soil	9,300	-0.78
08/18/2021	10:27:19	78784.43	394742.05	36.41	Soil	9,180	-0.86
08/18/2021	10:27:20	78783.99	394741.98	36.35	Soil	11,340	0.62
08/18/2021	10:27:21	78783.57	394741.87	36.22	Soil	10,440	0.00
08/18/2021	10:27:22	78783.52	394741.46	35.89	Soil	9,120	-0.90
08/18/2021	10:27:23	78783.87	394740.76	35.36	Soil	10,800	0.25
08/18/2021	10:27:24	78784.09	394740.09	35.09	Soil	13,200	1.89
08/18/2021	10:27:25	78784.22	394739.52	34.91	Soil	11,700	0.87
08/18/2021	10:27:26	78784.14	394738.95	34.83	Soil	11,400	0.66
08/18/2021	10:27:27	78783.99	394738.80	34.85	Soil	12,600	1.48
08/18/2021	10:27:28	78783.74	394738.72	34.89	Soil	14,040	2.47
08/18/2021	10:27:29	78783.59	394738.62	34.89	Soil	12,540	1.44
08/18/2021	10:27:30	78783.60	394738.56	34.88	Soil	13,500	2.10
08/18/2021	10:27:31	78783.62	394738.56	34.85	Soil	13,920	2.38
08/18/2021	10:27:32	78783.75	394738.68	34.97	Soil	10,800	0.25
08/18/2021	10:27:33	78783.82	394738.83	34.99	Soil	12,900	1.69
08/18/2021	10:27:34	78783.85	394738.74	34.99	Soil	13,020	1.77
08/18/2021	10:27:35	78783.93	394738.69	35.03	Soil	13,920	2.38
08/23/2021	16:56:06	78772.47	394739.80	39.87	Soil	11,820	0.95
08/23/2021	16:56:07	78772.56	394739.83	39.86	Soil	12,600	1.48
08/23/2021	16:56:08	78772.49	394739.69	39.84	Soil	11,940	1.03
08/23/2021	16:56:10	78772.44	394739.15	39.67	Soil	11,340	0.62
08/23/2021	16:56:11	78772.50	394739.09	39.67	Soil	12,960	1.73
08/23/2021	16:56:12	78772.58	394739.00	39.60	Soil	12,360	1.32
08/23/2021	16:56:13	78772.51	394738.84	39.69	Soil	12,960	1.73
08/23/2021	16:56:14	78772.32	394738.55	39.78	Soil	12,060	1.11
08/23/2021	16:56:15	78772.44	394738.40	39.78	Soil	12,240	1.23
08/23/2021	16:56:16	78772.37	394738.36	39.78	Soil	12,060	1.11
08/23/2021	16:56:17	78772.38	394738.36	39.77	Soil	12,360	1.32
08/23/2021	16:56:18	78772.42	394738.38	39.87	Soil	12,720	1.56
08/23/2021	16:56:20	78772.17	394738.05	39.87	Soil	11,280	0.58
08/23/2021	16:56:21	78772.28	394737.92	39.88	Soil	12,420	1.36
08/23/2021	16:56:22	78772.25	394737.95	39.85	Soil	12,000	1.07
08/23/2021	16:56:23	78772.25	394738.33	39.85	Soil	10,740	0.21
08/23/2021	16:56:24	78772.26	394738.45	39.91	Soil	13,260	1.93
08/23/2021	16:56:25	78772.16	394738.23	39.99	Soil	12,360	1.32
08/23/2021	16:58:15	78772.46	394739.64	39.68	Soil	12,780	1.60
08/23/2021	16:58:16	78772.42	394739.52	39.70	Soil	11,940	1.03
08/23/2021	18:25:46	78773.22	394742.30	38.86	Soil	13,200	1.89
08/23/2021	18:25:46	78773.30	394742.40	38.85	Soil	12,120	1.15
08/23/2021	18:25:47	78773.39	394742.57	38.85	Soil	11,580	0.78
08/23/2021	18:25:49	78773.55	394742.62	38.87	Soil	12,420	1.36
08/23/2021	18:25:50	78773.30	394742.44	38.88	Soil	14,820	3.00
08/23/2021	18:26:31	78773.23	394742.61	38.97	Soil	11,160	0.50
08/23/2021	18:26:31	78773.21	394742.53	39.04	Soil	13,680	2.22

SU 7B GWS RESULTS

08/23/2021	18:30:50	78773.58	394742.67	38.88	Soil	9,900	-0.37
08/23/2021	18:30:51	78773.46	394742.56	38.93	Soil	13,260	1.93
08/23/2021	18:30:52	78773.40	394742.72	38.94	Soil	12,420	1.36
08/23/2021	18:34:59	78773.42	394742.59	39.04	Soil	12,060	1.11
08/23/2021	18:35:00	78773.38	394742.70	39.02	Soil	10,680	0.17
08/23/2021	18:35:01	78773.57	394742.92	39.06	Soil	12,300	1.28
08/23/2021	18:35:02	78773.39	394742.86	39.10	Soil	11,340	0.62
08/23/2021	18:35:03	78773.39	394743.07	39.13	Soil	12,060	1.11
08/23/2021	18:40:43	78773.48	394743.26	39.24	Soil	13,080	1.81
08/23/2021	18:41:30	78773.73	394743.36	39.30	Soil	13,200	1.89
08/23/2021	18:41:31	78773.72	394743.36	39.33	Soil	12,900	1.69
08/23/2021	18:41:32	78773.69	394743.50	39.37	Soil	11,760	0.91
08/23/2021	18:45:38	78773.82	394743.62	39.18	Soil	11,640	0.82
08/23/2021	18:45:39	78773.80	394743.59	39.17	Soil	12,300	1.28
08/23/2021	18:45:40	78773.73	394743.51	39.19	Soil	13,380	2.01
08/23/2021	18:45:41	78773.65	394743.57	39.25	Soil	12,060	1.11
08/24/2021	17:38:15	78773.48	394725.66	38.98	Soil	12,240	1.23
08/24/2021	17:38:16	78773.64	394725.53	38.98	Soil	11,520	0.74
08/24/2021	17:38:17	78773.59	394725.61	38.96	Soil	13,800	2.30
08/24/2021	17:38:18	78773.48	394725.47	38.97	Soil	9,900	-0.37
08/24/2021	17:38:23	78773.51	394725.36	38.94	Soil	10,860	0.29
08/24/2021	18:19:23	78772.35	394730.07	39.38	Soil	11,220	0.54
08/24/2021	18:19:30	78772.52	394729.29	39.21	Soil	11,460	0.70
08/24/2021	18:19:31	78772.65	394729.11	39.21	Soil	11,940	1.03
08/25/2021	13:07:34	78773.76	394744.02	38.36	Soil	11,760	0.91
08/25/2021	13:07:35	78773.78	394743.97	38.32	Soil	11,160	0.50
08/25/2021	13:07:36	78773.74	394743.98	38.34	Soil	10,260	-0.12
08/25/2021	13:07:53	78773.80	394743.95	38.26	Soil	11,340	0.62
08/25/2021	13:07:54	78773.99	394744.03	38.26	Soil	10,920	0.33
08/25/2021	13:07:55	78774.05	394744.22	38.31	Soil	12,240	1.23
08/25/2021	13:07:56	78774.03	394744.44	38.33	Soil	12,000	1.07
08/25/2021	13:07:57	78774.03	394744.63	38.34	Soil	12,600	1.48
08/25/2021	13:07:58	78773.98	394744.68	38.42	Soil	11,820	0.95
08/25/2021	13:08:08	78774.10	394744.84	38.42	Soil	11,760	0.91
08/25/2021	13:08:09	78774.12	394744.81	38.39	Soil	10,980	0.37
08/25/2021	13:08:10	78774.26	394744.78	38.35	Soil	9,900	-0.37
08/25/2021	13:08:11	78774.29	394744.77	38.34	Soil	11,940	1.03
08/25/2021	13:08:12	78774.28	394744.76	38.29	Soil	11,340	0.62
08/25/2021	13:08:13	78774.23	394744.71	38.34	Soil	10,080	-0.24
08/25/2021	13:08:14	78774.11	394744.59	38.36	Soil	10,620	0.13
08/25/2021	13:22:30	78774.21	394744.87	38.18	Soil	12,180	1.19
08/25/2021	13:22:31	78774.34	394745.07	38.14	Soil	10,200	-0.16
08/25/2021	13:22:32	78774.40	394745.00	38.18	Soil	13,260	1.93
08/25/2021	13:22:33	78774.49	394744.82	38.16	Soil	10,260	-0.12
08/25/2021	13:22:39	78774.14	394744.83	38.11	Soil	13,380	2.01
08/25/2021	13:22:40	78774.16	394744.81	38.09	Soil	10,680	0.17
08/25/2021	13:22:41	78774.20	394744.84	38.09	Soil	11,520	0.74
08/25/2021	13:22:42	78774.24	394744.81	38.05	Soil	10,980	0.37
08/25/2021	13:22:43	78774.29	394744.88	38.05	Soil	11,940	1.03
08/25/2021	13:22:44	78774.24	394744.70	38.02	Soil	11,460	0.70
08/25/2021	13:22:45	78774.34	394744.20	37.96	Soil	10,320	-0.08

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08/25/2021	13:22:46	78774.48	394744.18	37.90	Soil	12,360	1.32
08/25/2021	13:22:47	78774.51	394744.33	37.86	Soil	11,520	0.74
08/25/2021	13:22:48	78774.45	394744.43	37.90	Soil	10,620	0.13
08/25/2021	13:23:05	78774.72	394744.84	37.82	Soil	11,700	0.87
08/25/2021	13:23:06	78774.58	394744.75	37.84	Soil	12,600	1.48
08/25/2021	13:23:07	78774.52	394744.89	37.81	Soil	10,140	-0.20
08/25/2021	13:23:08	78774.47	394744.98	37.82	Soil	10,560	0.09
08/25/2021	13:23:09	78774.40	394745.21	37.85	Soil	13,680	2.22
08/25/2021	17:07:47	78778.61	394749.22	38.25	Soil	13,920	2.38
08/25/2021	17:07:48	78778.72	394749.18	38.20	Soil	14,820	3.00
08/25/2021	17:07:49	78778.72	394749.11	38.20	Soil	13,680	2.22
08/25/2021	17:07:50	78778.56	394748.99	38.06	Soil	13,260	1.93
08/25/2021	17:07:51	78778.45	394748.85	37.83	Soil	15,240	3.29
08/25/2021	17:07:52	78778.36	394748.83	37.77	Soil	13,860	2.34
08/25/2021	17:07:53	78778.34	394748.83	37.74	Soil	14,100	2.51
08/25/2021	17:07:54	78778.35	394748.74	37.71	Soil	13,620	2.18
08/25/2021	17:07:55	78778.36	394748.68	37.71	Soil	16,500	4.15
08/25/2021	17:07:56	78778.36	394748.68	37.82	Soil	13,620	2.18
08/25/2021	17:07:57	78778.33	394748.80	37.97	Soil	12,240	1.23
08/25/2021	17:07:58	78778.34	394748.94	38.02	Soil	12,300	1.28
08/25/2021	17:07:59	78778.28	394749.03	38.01	Soil	11,580	0.78
08/25/2021	17:08:00	78778.18	394749.00	38.02	Soil	13,620	2.18
08/25/2021	17:08:01	78778.12	394748.99	38.04	Soil	13,260	1.93
08/25/2021	17:08:54	78777.55	394748.38	38.94	Soil	11,520	0.74
08/25/2021	17:08:55	78777.61	394748.43	38.98	Soil	11,820	0.95
08/25/2021	17:11:18	78777.21	394748.07	38.95	Soil	11,520	0.74
08/25/2021	17:11:19	78777.26	394747.81	38.99	Soil	11,280	0.58
08/25/2021	17:11:20	78777.45	394747.62	38.99	Soil	13,020	1.77
08/25/2021	17:11:21	78777.40	394747.39	39.01	Soil	11,520	0.74
08/25/2021	17:11:22	78777.17	394747.24	38.99	Soil	11,940	1.03
08/25/2021	17:11:23	78776.92	394747.33	38.99	Soil	11,400	0.66
08/25/2021	17:11:24	78776.66	394747.44	38.99	Soil	11,460	0.70
08/25/2021	17:11:25	78776.49	394747.54	39.02	Soil	10,560	0.09
08/25/2021	17:11:27	78776.27	394747.41	38.99	Soil	11,520	0.74
08/25/2021	17:11:30	78776.12	394747.23	39.01	Soil	11,700	0.87
08/25/2021	17:11:33	78775.95	394746.99	39.07	Soil	12,300	1.28
08/25/2021	17:15:19	78775.70	394746.78	38.72	Soil	12,540	1.44
08/25/2021	17:16:51	78775.69	394746.62	38.99	Soil	12,660	1.52
08/25/2021	17:16:52	78775.75	394746.38	38.98	Soil	11,520	0.74
08/25/2021	17:16:53	78775.71	394746.25	39.01	Soil	11,280	0.58
08/25/2021	17:16:54	78775.64	394746.26	39.01	Soil	12,180	1.19
08/25/2021	17:16:55	78775.60	394746.26	39.03	Soil	14,700	2.92
08/25/2021	17:16:56	78775.55	394746.28	39.04	Soil	12,840	1.65
08/25/2021	17:16:57	78775.53	394746.28	39.05	Soil	13,800	2.30
08/25/2021	17:16:58	78775.48	394746.35	39.09	Soil	13,440	2.06
08/25/2021	17:16:59	78775.44	394746.51	39.11	Soil	13,560	2.14
08/25/2021	17:17:11	78774.98	394745.91	39.19	Soil	11,280	0.58
08/25/2021	17:17:12	78775.15	394745.99	39.16	Soil	10,140	-0.20
08/25/2021	17:17:13	78775.23	394746.13	39.13	Soil	13,380	2.01
09/01/2021	14:30:55	78788.66	394732.90	34.76	Soil	8,400	-1.39
09/01/2021	14:30:56	78788.66	394732.89	34.77	Soil	9,060	-0.94

SU 7B GWS RESULTS

09/01/2021	14:30:57	78788.71	394732.81	34.77	Soil	8,760	-1.15
09/01/2021	14:30:58	78788.74	394732.54	34.85	Soil	8,580	-1.27
09/01/2021	14:30:59	78788.77	394732.26	34.93	Soil	10,620	0.13
09/01/2021	14:31:00	78788.84	394732.29	34.85	Soil	9,900	-0.37
09/01/2021	14:31:01	78788.92	394732.52	34.80	Soil	9,780	-0.45
09/01/2021	14:31:02	78788.85	394732.75	34.78	Soil	8,640	-1.23
09/01/2021	14:31:03	78788.90	394732.49	34.89	Soil	9,240	-0.82
09/01/2021	14:31:04	78789.06	394732.07	34.90	Soil	9,240	-0.82
09/01/2021	14:31:05	78788.97	394732.09	34.97	Soil	9,780	-0.45
09/01/2021	14:31:06	78788.92	394732.27	34.99	Soil	11,160	0.50
09/01/2021	14:31:10	78789.07	394731.93	34.95	Soil	9,240	-0.82
09/01/2021	14:31:11	78789.06	394732.02	35.10	Soil	10,740	0.21
09/01/2021	14:31:28	78789.02	394731.79	35.10	Soil	11,100	0.45
09/01/2021	14:31:29	78788.98	394731.97	35.28	Soil	9,060	-0.94
09/01/2021	14:31:38	78789.05	394732.13	35.19	Soil	9,540	-0.61
09/01/2021	14:31:39	78788.96	394732.61	35.16	Soil	8,640	-1.23
09/01/2021	14:31:40	78789.00	394733.13	35.17	Soil	8,760	-1.15
09/01/2021	14:31:48	78789.04	394732.75	34.96	Soil	8,040	-1.64
09/01/2021	14:31:49	78788.86	394732.52	34.94	Soil	8,880	-1.06
09/01/2021	14:31:50	78788.98	394732.27	34.95	Soil	9,060	-0.94
09/01/2021	14:31:51	78788.76	394732.63	35.08	Soil	8,880	-1.06
09/01/2021	14:31:52	78788.89	394732.89	35.10	Soil	9,000	-0.98
09/01/2021	14:31:56	78789.04	394732.54	35.30	Soil	9,180	-0.86
09/01/2021	14:31:57	78788.91	394732.61	35.22	Soil	7,800	-1.80
09/01/2021	14:32:00	78789.01	394732.93	35.41	Soil	9,180	-0.86
09/01/2021	14:32:01	78788.90	394732.50	35.34	Soil	9,300	-0.78
09/01/2021	14:32:02	78789.08	394732.16	35.64	Soil	9,480	-0.65
09/01/2021	14:48:48	78789.05	394732.25	36.36	Soil	10,020	-0.28
09/01/2021	14:48:49	78788.89	394732.04	36.32	Soil	8,760	-1.15
09/01/2021	14:48:50	78788.76	394731.94	36.12	Soil	9,180	-0.86
09/01/2021	14:48:51	78788.71	394732.23	36.00	Soil	8,700	-1.19
09/01/2021	14:48:52	78788.63	394732.22	35.92	Soil	8,520	-1.31
09/01/2021	14:48:53	78788.48	394731.96	35.82	Soil	9,780	-0.45
09/01/2021	14:48:54	78788.42	394732.04	35.68	Soil	10,260	-0.12
09/01/2021	14:48:55	78788.50	394732.25	35.61	Soil	10,140	-0.20
09/01/2021	14:48:56	78788.52	394732.14	35.60	Soil	8,700	-1.19
09/01/2021	14:48:57	78788.45	394732.01	35.61	Soil	7,920	-1.72
09/01/2021	14:48:58	78788.44	394732.13	35.61	Soil	8,280	-1.47
09/01/2021	14:48:59	78788.46	394732.14	35.56	Soil	7,020	-2.34
09/01/2021	14:49:00	78788.41	394732.01	35.54	Soil	9,600	-0.57
09/01/2021	14:49:01	78788.39	394732.04	35.51	Soil	8,220	-1.52
09/01/2021	14:49:02	78788.43	394732.13	35.54	Soil	9,420	-0.69
09/01/2021	14:49:03	78788.40	394732.06	35.45	Soil	9,000	-0.98
09/01/2021	14:49:04	78788.36	394732.10	35.52	Soil	9,720	-0.49
09/01/2021	14:49:05	78788.41	394732.21	35.53	Soil	9,420	-0.69
09/01/2021	14:49:06	78788.46	394732.16	35.52	Soil	9,420	-0.69
09/01/2021	14:49:07	78788.39	394732.12	35.56	Soil	8,460	-1.35
09/01/2021	14:49:08	78788.36	394732.16	35.61	Soil	9,240	-0.82
09/01/2021	14:49:09	78788.41	394732.15	35.65	Soil	8,700	-1.19
09/01/2021	14:49:10	78788.39	394732.13	35.63	Soil	8,460	-1.35
09/01/2021	14:49:11	78788.32	394732.04	35.64	Soil	8,280	-1.47

SU 7B GWS RESULTS

09/01/2021	14:49:12	78788.35	394731.65	35.66	Soil	7,860	-1.76
09/01/2021	14:49:13	78788.32	394731.61	35.73	Soil	10,380	-0.04
09/01/2021	14:49:14	78788.29	394731.71	35.79	Soil	10,560	0.09
09/01/2021	14:49:15	78788.32	394731.50	35.83	Soil	8,760	-1.15
09/01/2021	14:49:16	78788.35	394731.44	35.91	Soil	9,360	-0.74
09/01/2021	14:49:17	78788.34	394731.53	35.92	Soil	9,720	-0.49
09/01/2021	14:49:18	78788.33	394731.53	35.93	Soil	9,060	-0.94
09/01/2021	14:49:19	78788.32	394731.57	35.99	Soil	8,940	-1.02
09/01/2021	14:49:20	78788.33	394731.60	36.11	Soil	8,700	-1.19
09/01/2021	14:49:21	78788.38	394731.53	36.23	Soil	9,540	-0.61
09/01/2021	14:49:22	78788.44	394731.53	36.15	Soil	8,640	-1.23
09/01/2021	14:49:23	78788.50	394731.50	36.03	Soil	10,320	-0.08
09/01/2021	14:49:24	78788.61	394731.62	35.98	Soil	11,220	0.54
09/01/2021	14:49:25	78788.65	394731.77	35.85	Soil	8,880	-1.06
09/01/2021	14:49:26	78788.72	394731.63	35.97	Soil	9,060	-0.94
09/01/2021	14:49:27	78788.87	394731.49	36.00	Soil	10,020	-0.28
09/01/2021	14:49:28	78788.90	394731.56	36.00	Soil	11,700	0.87
09/01/2021	14:49:29	78788.97	394731.44	36.04	Soil	8,700	-1.19
09/01/2021	14:49:30	78789.02	394731.37	36.06	Soil	9,420	-0.69
09/01/2021	14:49:31	78789.05	394731.59	35.99	Soil	10,260	-0.12
09/01/2021	14:49:32	78789.04	394731.64	36.12	Soil	10,920	0.33
09/01/2021	14:49:33	78789.09	394731.39	36.15	Soil	9,900	-0.37
09/01/2021	15:09:44	78794.79	394738.22	37.65	Soil	10,080	-0.24

SU 7C GWS RESULTS

GPS Date	GPS Time	Northing	Easting	Altitude	Matrix	Gamma (cpm)	Z-Score
08/07/2021	14:06:34	78787.97	394748.13	36.93	Soil	12,900	1.20
08/07/2021	14:06:35	78787.99	394748.12	36.93	Soil	14,040	1.99
08/07/2021	14:06:36	78787.99	394748.11	36.92	Soil	12,540	0.95
08/07/2021	14:06:37	78787.98	394748.11	36.91	Soil	11,580	0.28
08/07/2021	14:06:38	78787.98	394748.11	36.90	Soil	13,500	1.61
08/07/2021	14:06:39	78787.99	394748.11	36.91	Soil	13,080	1.32
08/07/2021	14:06:40	78788.01	394748.09	36.90	Soil	13,980	1.94
08/07/2021	14:06:41	78788.01	394748.07	36.89	Soil	12,600	0.99
08/07/2021	14:06:42	78788.04	394748.03	36.90	Soil	12,600	0.99
08/07/2021	14:06:43	78788.25	394747.92	36.91	Soil	12,660	1.03
08/07/2021	14:06:44	78788.17	394747.93	36.90	Soil	12,420	0.87
08/07/2021	14:06:45	78788.13	394747.93	36.92	Soil	13,620	1.70
08/07/2021	14:06:46	78788.12	394747.93	36.94	Soil	12,600	0.99
08/07/2021	14:06:47	78788.11	394747.94	36.98	Soil	13,260	1.45
08/07/2021	14:06:48	78788.10	394747.93	37.00	Soil	13,440	1.57
08/07/2021	14:06:49	78788.10	394747.93	37.02	Soil	12,180	0.70
08/07/2021	14:06:50	78788.10	394747.94	37.05	Soil	12,360	0.82
08/07/2021	14:06:51	78788.07	394747.92	37.06	Soil	13,560	1.65
08/07/2021	14:06:52	78788.04	394747.92	37.06	Soil	13,200	1.41
08/07/2021	14:06:53	78788.02	394747.94	37.07	Soil	11,820	0.45
08/07/2021	14:06:54	78788.01	394747.95	37.06	Soil	10,800	-0.25
08/07/2021	14:06:55	78788.01	394747.97	37.06	Soil	13,140	1.36
08/07/2021	14:06:56	78788.00	394747.98	37.05	Soil	10,740	-0.30
08/07/2021	14:06:57	78788.01	394747.99	37.01	Soil	15,000	2.65
08/07/2021	14:06:58	78788.01	394747.94	36.98	Soil	11,220	0.04
08/09/2021	14:39:45	78794.21	394740.03	38.40	Soil	9,720	-1.00
08/09/2021	14:39:46	78794.34	394740.05	38.24	Soil	8,940	-1.54
08/09/2021	14:39:47	78794.39	394740.10	38.11	Soil	10,260	-0.63
08/09/2021	14:39:49	78794.68	394739.74	37.89	Soil	9,540	-1.13
08/09/2021	14:39:51	78794.62	394740.43	38.09	Soil	8,820	-1.62
08/09/2021	14:39:52	78794.57	394740.49	38.13	Soil	9,180	-1.37
08/09/2021	14:39:57	78794.32	394739.92	37.99	Soil	9,720	-1.00
08/09/2021	14:39:59	78794.42	394740.00	38.03	Soil	9,600	-1.08
08/09/2021	14:40:01	78794.16	394740.16	38.00	Soil	10,200	-0.67
08/09/2021	14:40:04	78793.89	394740.39	38.04	Soil	8,580	-1.79
08/09/2021	14:40:05	78793.89	394740.43	37.91	Soil	9,300	-1.29
08/09/2021	14:40:12	78793.79	394740.93	38.12	Soil	9,600	-1.08
08/09/2021	14:40:13	78793.77	394741.18	38.12	Soil	10,080	-0.75
08/09/2021	14:40:15	78794.01	394740.61	38.02	Soil	10,380	-0.54
08/09/2021	14:40:23	78793.34	394741.26	37.81	Soil	9,300	-1.29
08/09/2021	14:40:25	78794.00	394740.76	37.95	Soil	9,180	-1.37
08/09/2021	14:40:26	78793.53	394741.28	37.96	Soil	10,800	-0.25
08/09/2021	14:40:27	78793.79	394741.32	37.91	Soil	8,220	-2.04
08/09/2021	14:40:29	78794.42	394740.76	38.06	Soil	10,740	-0.30
08/09/2021	14:40:34	78793.79	394740.70	37.34	Soil	9,180	-1.37
08/09/2021	15:02:39	78793.50	394740.97	40.68	Soil	6,840	-2.99
08/09/2021	15:02:40	78793.72	394741.11	40.58	Soil	8,400	-1.91
08/10/2021	13:26:53	78794.73	394739.46	37.62	Soil	9,000	-1.50
08/10/2021	13:26:55	78795.19	394738.98	37.97	Soil	8,340	-1.96
08/10/2021	13:27:16	78795.69	394738.64	38.27	Soil	9,600	-1.08

SU 7C GWS RESULTS

08/10/2021	13:29:24	78792.81	394742.19	37.73	Soil	11,460	0.20
08/10/2021	13:29:25	78792.71	394742.43	37.73	Soil	9,780	-0.96
08/10/2021	13:29:26	78792.81	394742.35	37.73	Soil	10,680	-0.34
08/10/2021	13:29:27	78792.81	394742.25	37.76	Soil	11,100	-0.05
08/10/2021	13:29:33	78792.52	394742.19	37.68	Soil	9,180	-1.37
08/10/2021	13:29:34	78792.58	394742.30	37.82	Soil	10,320	-0.59
08/10/2021	13:29:35	78792.50	394742.32	37.70	Soil	9,960	-0.84
08/10/2021	13:29:44	78792.26	394742.42	37.91	Soil	10,920	-0.17
08/10/2021	13:29:45	78792.15	394742.69	37.83	Soil	10,800	-0.25
08/10/2021	13:31:58	78789.17	394746.39	37.39	Soil	10,440	-0.50
08/10/2021	13:33:17	78790.02	394745.50	37.78	Soil	10,200	-0.67
08/10/2021	13:34:08	78788.76	394747.11	37.24	Soil	10,500	-0.46
08/10/2021	13:34:09	78788.69	394747.38	37.27	Soil	11,100	-0.05
08/10/2021	13:34:12	78788.65	394747.65	37.22	Soil	11,880	0.49
08/10/2021	13:34:15	78788.65	394747.39	37.24	Soil	9,840	-0.92
08/10/2021	13:34:16	78788.46	394747.45	37.14	Soil	9,660	-1.04
08/13/2021	14:29:51	78797.03	394739.06	38.77	Soil	11,580	0.28
08/13/2021	14:29:52	78797.06	394739.05	38.76	Soil	12,600	0.99
08/13/2021	14:29:53	78797.15	394738.93	38.75	Soil	10,440	-0.50
08/13/2021	14:29:54	78797.20	394738.78	38.76	Soil	11,580	0.28
08/13/2021	14:29:55	78797.38	394738.63	38.76	Soil	13,020	1.28
08/13/2021	14:29:58	78797.31	394738.67	38.72	Soil	10,800	-0.25
08/13/2021	14:29:59	78797.16	394739.09	38.69	Soil	12,780	1.11
08/13/2021	14:30:00	78797.21	394739.14	38.74	Soil	9,720	-1.00
08/13/2021	14:30:01	78797.44	394739.02	38.78	Soil	11,400	0.16
08/13/2021	14:30:02	78797.52	394738.75	38.90	Soil	10,920	-0.17
08/13/2021	14:30:06	78797.75	394739.03	38.90	Soil	9,900	-0.88
08/13/2021	14:30:08	78797.62	394739.20	38.88	Soil	10,320	-0.59
08/13/2021	14:30:09	78797.76	394739.27	38.90	Soil	11,040	-0.09
08/13/2021	14:30:10	78797.73	394739.60	38.91	Soil	10,200	-0.67
08/13/2021	14:30:11	78797.90	394739.69	38.97	Soil	11,760	0.41
08/13/2021	14:30:12	78798.00	394739.96	38.95	Soil	9,300	-1.29
08/13/2021	14:30:13	78798.09	394740.06	38.96	Soil	10,620	-0.38
08/13/2021	14:30:14	78798.11	394740.25	38.96	Soil	11,220	0.04
08/13/2021	14:30:15	78798.21	394740.32	39.02	Soil	13,560	1.65
08/13/2021	14:30:16	78798.28	394740.56	39.02	Soil	12,480	0.91
08/13/2021	14:30:17	78798.35	394740.58	39.05	Soil	13,140	1.36
08/13/2021	14:30:20	78798.47	394740.89	39.06	Soil	10,920	-0.17
08/13/2021	14:30:21	78798.40	394740.97	39.05	Soil	11,100	-0.05
08/13/2021	14:30:22	78798.40	394740.98	39.00	Soil	9,660	-1.04
08/13/2021	14:30:23	78798.33	394741.11	38.98	Soil	10,800	-0.25
08/13/2021	14:30:24	78798.22	394741.20	38.93	Soil	11,520	0.24
08/13/2021	14:30:25	78797.97	394741.40	38.91	Soil	10,140	-0.71
08/13/2021	14:30:26	78797.86	394741.51	38.93	Soil	9,840	-0.92
08/13/2021	14:30:27	78797.59	394741.61	38.98	Soil	11,940	0.53
08/13/2021	14:30:28	78797.43	394741.92	39.00	Soil	10,920	-0.17
08/13/2021	14:30:29	78797.22	394742.16	39.04	Soil	10,680	-0.34
08/13/2021	14:30:30	78797.26	394742.36	39.07	Soil	13,860	1.86
08/13/2021	14:30:31	78797.45	394742.26	39.12	Soil	10,500	-0.46
08/13/2021	14:30:32	78797.47	394742.31	39.16	Soil	13,500	1.61
08/13/2021	14:30:33	78797.63	394742.44	39.19	Soil	11,400	0.16

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08/13/2021	14:30:34	78797.58	394742.41	39.22	Soil	13,800	1.82
08/13/2021	14:30:35	78797.55	394742.47	39.26	Soil	12,300	0.78
08/13/2021	14:30:36	78797.55	394742.69	39.25	Soil	12,660	1.03
08/13/2021	14:30:37	78797.42	394742.80	39.22	Soil	13,080	1.32
08/13/2021	14:30:38	78797.18	394742.94	39.22	Soil	10,860	-0.21
08/13/2021	14:30:39	78797.24	394742.98	39.25	Soil	11,580	0.28
08/13/2021	14:30:40	78797.53	394742.71	39.28	Soil	10,740	-0.30
08/13/2021	14:30:41	78797.67	394742.50	39.28	Soil	12,180	0.70
08/13/2021	14:30:42	78797.73	394742.24	39.28	Soil	11,400	0.16
08/13/2021	14:30:43	78797.89	394742.13	39.29	Soil	11,460	0.20
08/13/2021	14:30:44	78797.77	394742.21	39.23	Soil	12,780	1.11
08/13/2021	14:30:45	78797.68	394742.48	39.22	Soil	12,360	0.82
08/13/2021	14:30:46	78797.90	394742.31	39.20	Soil	11,520	0.24
08/13/2021	14:30:47	78798.04	394742.21	39.08	Soil	11,880	0.49
08/13/2021	14:30:49	78798.26	394741.75	39.06	Soil	11,040	-0.09
08/13/2021	14:30:50	78798.35	394741.58	39.05	Soil	10,740	-0.30
08/13/2021	14:30:51	78798.23	394741.67	38.95	Soil	10,740	-0.30
08/13/2021	14:30:52	78798.08	394741.78	38.96	Soil	12,060	0.62
08/13/2021	14:30:53	78798.05	394741.80	38.95	Soil	11,940	0.53
08/13/2021	14:30:54	78797.99	394741.80	38.94	Soil	10,260	-0.63
08/13/2021	14:30:55	78797.91	394741.77	38.96	Soil	12,000	0.58
08/13/2021	14:30:56	78797.94	394741.68	38.94	Soil	10,500	-0.46
08/13/2021	14:30:57	78798.13	394741.52	38.98	Soil	12,540	0.95
08/13/2021	14:30:58	78798.36	394741.31	39.01	Soil	10,620	-0.38
08/13/2021	14:30:59	78798.51	394741.14	38.95	Soil	11,940	0.53
08/13/2021	14:31:00	78798.52	394741.03	38.86	Soil	11,280	0.08
08/13/2021	14:31:01	78798.52	394740.81	38.83	Soil	10,740	-0.30
08/13/2021	14:31:02	78798.36	394740.73	38.82	Soil	11,760	0.41
08/13/2021	14:31:03	78798.04	394740.62	38.81	Soil	9,180	-1.37
08/13/2021	14:31:04	78798.05	394740.78	38.82	Soil	12,120	0.66
08/13/2021	14:31:05	78797.85	394741.01	38.82	Soil	10,740	-0.30
08/13/2021	14:31:06	78797.79	394741.17	38.83	Soil	10,980	-0.13
08/13/2021	14:31:07	78797.53	394741.39	38.83	Soil	11,040	-0.09
08/13/2021	14:31:08	78797.43	394741.61	38.90	Soil	11,340	0.12
08/13/2021	14:31:09	78797.20	394741.91	38.91	Soil	10,740	-0.30
08/13/2021	14:31:10	78797.08	394742.16	38.92	Soil	12,180	0.70
08/13/2021	14:31:11	78796.87	394742.51	38.96	Soil	10,260	-0.63
08/13/2021	14:31:12	78796.75	394742.69	38.99	Soil	12,540	0.95
08/13/2021	14:31:13	78796.96	394742.69	39.01	Soil	11,400	0.16
08/13/2021	14:31:14	78797.26	394742.52	39.02	Soil	10,980	-0.13
08/13/2021	14:31:15	78797.41	394742.32	39.00	Soil	10,980	-0.13
08/13/2021	14:31:16	78797.58	394742.10	38.97	Soil	11,160	-0.01
08/13/2021	14:31:17	78797.78	394741.80	39.02	Soil	11,340	0.12
08/13/2021	14:31:18	78797.84	394741.74	39.02	Soil	12,300	0.78
08/13/2021	14:31:19	78797.95	394741.63	39.00	Soil	10,200	-0.67
08/13/2021	14:31:20	78797.92	394741.73	38.99	Soil	12,360	0.82
08/13/2021	14:31:21	78797.60	394741.95	38.99	Soil	12,300	0.78
08/13/2021	14:31:22	78797.40	394742.23	39.01	Soil	11,040	-0.09
08/13/2021	14:31:23	78797.22	394742.53	39.07	Soil	10,560	-0.42
08/13/2021	14:31:24	78797.16	394742.79	39.08	Soil	10,500	-0.46
08/13/2021	14:31:25	78797.00	394743.02	39.13	Soil	10,800	-0.25

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08/13/2021	14:31:26	78797.00	394743.18	39.20	Soil	10,560	-0.42
08/13/2021	14:31:27	78797.12	394743.21	39.25	Soil	11,160	-0.01
08/13/2021	14:31:28	78797.21	394743.18	39.21	Soil	11,700	0.37
08/13/2021	14:31:29	78797.37	394742.96	39.25	Soil	13,920	1.90
08/13/2021	14:31:30	78797.30	394743.03	39.27	Soil	14,880	2.57
08/13/2021	14:31:30	78797.30	394743.03	39.27	Soil	14,880	2.57
08/13/2021	14:31:31	78797.36	394743.12	39.26	Soil	12,360	0.82
08/13/2021	14:31:32	78797.29	394743.30	39.31	Soil	11,700	0.37
08/13/2021	14:31:33	78797.13	394743.51	39.34	Soil	11,280	0.08
08/13/2021	14:31:34	78797.08	394743.65	39.36	Soil	11,220	0.04
08/13/2021	14:31:35	78796.89	394743.69	39.40	Soil	10,140	-0.71
08/13/2021	14:31:36	78796.61	394743.93	39.41	Soil	11,940	0.53
08/13/2021	14:31:37	78796.40	394743.98	39.30	Soil	10,860	-0.21
08/13/2021	14:31:38	78796.22	394744.08	39.32	Soil	11,700	0.37
08/13/2021	14:31:39	78796.11	394744.18	39.29	Soil	10,320	-0.59
08/13/2021	14:31:40	78795.75	394744.19	39.29	Soil	12,300	0.78
08/13/2021	14:31:41	78795.73	394744.32	39.41	Soil	12,060	0.62
08/13/2021	14:31:42	78795.98	394744.28	39.44	Soil	11,280	0.08
08/13/2021	14:31:43	78796.26	394744.21	39.42	Soil	9,300	-1.29
08/13/2021	14:31:44	78796.33	394743.95	39.46	Soil	11,100	-0.05
08/13/2021	14:31:45	78796.34	394743.90	39.44	Soil	10,440	-0.50
08/13/2021	14:31:46	78796.41	394743.81	39.41	Soil	11,160	-0.01
08/13/2021	14:31:47	78796.25	394743.82	39.40	Soil	10,860	-0.21
08/13/2021	14:31:48	78796.05	394744.08	39.34	Soil	12,960	1.24
08/13/2021	14:31:49	78795.71	394744.26	39.36	Soil	11,040	-0.09
08/13/2021	14:31:50	78795.56	394744.50	39.40	Soil	11,940	0.53
08/13/2021	14:31:51	78795.33	394744.67	39.41	Soil	10,620	-0.38
08/13/2021	14:31:52	78795.04	394744.86	39.40	Soil	11,940	0.53
08/13/2021	14:31:53	78794.69	394745.26	39.33	Soil	12,300	0.78
08/13/2021	14:31:54	78794.31	394745.42	39.35	Soil	10,800	-0.25
08/13/2021	14:31:55	78794.07	394745.71	39.41	Soil	10,980	-0.13
08/13/2021	14:31:56	78793.69	394745.90	39.41	Soil	10,680	-0.34
08/13/2021	14:31:57	78793.51	394746.00	39.35	Soil	11,580	0.28
08/13/2021	14:31:58	78793.21	394746.22	39.36	Soil	13,200	1.41
08/13/2021	14:31:59	78792.91	394746.55	39.23	Soil	11,880	0.49
08/13/2021	14:32:00	78792.68	394746.88	39.01	Soil	10,680	-0.34
08/13/2021	14:32:01	78792.33	394746.98	38.93	Soil	11,820	0.45
08/13/2021	14:32:02	78791.98	394747.26	38.97	Soil	10,680	-0.34
08/13/2021	14:32:03	78791.73	394747.66	38.99	Soil	10,020	-0.79
08/13/2021	14:32:04	78791.56	394747.88	38.95	Soil	9,480	-1.17
08/13/2021	14:32:05	78791.36	394748.05	38.97	Soil	10,200	-0.67
08/13/2021	14:32:06	78791.27	394748.23	38.97	Soil	11,940	0.53
08/13/2021	14:32:07	78791.27	394748.18	38.97	Soil	10,860	-0.21
08/13/2021	14:32:08	78791.32	394748.25	38.98	Soil	11,040	-0.09
08/13/2021	14:32:09	78791.25	394748.36	39.00	Soil	12,240	0.74
08/13/2021	14:32:10	78790.94	394748.34	38.97	Soil	11,400	0.16
08/13/2021	14:32:11	78790.74	394748.49	38.95	Soil	9,960	-0.84
08/13/2021	14:32:12	78790.38	394748.49	38.88	Soil	10,200	-0.67
08/13/2021	14:32:13	78790.14	394748.44	38.88	Soil	11,640	0.33
08/13/2021	14:32:14	78789.85	394748.39	38.87	Soil	11,580	0.28
08/13/2021	14:32:15	78789.60	394748.48	38.78	Soil	11,520	0.24

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08/13/2021	14:32:16	78789.35	394748.54	38.82	Soil	11,040	-0.09
08/13/2021	14:32:17	78789.20	394748.58	38.80	Soil	12,060	0.62
08/13/2021	14:32:18	78789.21	394748.69	38.88	Soil	12,480	0.91
08/13/2021	14:32:19	78789.30	394748.73	38.89	Soil	11,940	0.53
08/13/2021	14:32:20	78789.30	394748.87	38.91	Soil	12,180	0.70
08/13/2021	14:32:21	78789.39	394749.08	38.93	Soil	13,260	1.45
08/13/2021	14:32:22	78789.34	394749.20	38.91	Soil	13,800	1.82
08/13/2021	14:32:23	78789.43	394749.44	38.91	Soil	13,920	1.90
08/13/2021	14:32:24	78789.54	394749.40	38.92	Soil	13,260	1.45
08/13/2021	14:32:25	78789.76	394749.34	38.91	Soil	10,200	-0.67
08/13/2021	14:32:26	78789.91	394749.21	38.91	Soil	10,560	-0.42
08/13/2021	14:32:27	78790.13	394749.17	38.91	Soil	11,040	-0.09
08/13/2021	14:32:28	78790.35	394749.06	38.92	Soil	10,680	-0.34
08/13/2021	14:32:29	78790.56	394749.05	38.95	Soil	10,800	-0.25
08/13/2021	14:32:30	78790.73	394749.10	38.97	Soil	12,240	0.74
08/13/2021	14:32:31	78790.82	394749.35	39.01	Soil	10,980	-0.13
08/13/2021	14:32:32	78790.94	394749.41	39.02	Soil	11,580	0.28
08/13/2021	14:32:33	78791.02	394749.59	39.03	Soil	10,680	-0.34
08/13/2021	14:32:34	78791.16	394749.60	39.05	Soil	10,500	-0.46
08/13/2021	14:32:35	78791.31	394749.76	39.05	Soil	10,440	-0.50
08/13/2021	14:32:38	78791.46	394749.39	39.06	Soil	9,720	-1.00
08/13/2021	14:32:41	78791.37	394749.81	39.02	Soil	11,760	0.41
08/13/2021	14:32:42	78791.33	394749.72	39.05	Soil	11,820	0.45
08/13/2021	14:32:44	78791.42	394749.23	38.96	Soil	9,960	-0.84
08/13/2021	14:32:45	78791.40	394748.86	38.94	Soil	11,520	0.24
08/13/2021	14:32:46	78791.35	394748.59	38.95	Soil	11,520	0.24
08/13/2021	14:32:47	78791.51	394748.43	38.95	Soil	12,240	0.74
08/13/2021	14:32:48	78791.55	394748.24	38.95	Soil	10,680	-0.34
08/13/2021	14:32:49	78791.72	394748.03	39.02	Soil	11,160	-0.01
08/13/2021	14:32:50	78791.98	394747.91	39.10	Soil	13,560	1.65
08/13/2021	14:32:51	78792.33	394747.76	39.12	Soil	11,760	0.41
08/13/2021	14:32:52	78792.35	394747.58	39.24	Soil	12,240	0.74
08/13/2021	14:32:53	78792.53	394747.50	39.14	Soil	11,760	0.41
08/13/2021	14:32:54	78792.54	394747.24	39.29	Soil	10,020	-0.79
08/13/2021	14:32:55	78793.06	394746.97	39.37	Soil	11,040	-0.09
08/13/2021	14:32:56	78792.96	394746.75	39.42	Soil	11,040	-0.09
08/13/2021	14:32:57	78793.20	394746.73	39.49	Soil	10,920	-0.17
08/13/2021	14:32:58	78793.40	394746.62	39.33	Soil	11,520	0.24
08/13/2021	14:32:59	78793.46	394746.29	39.24	Soil	11,160	-0.01
08/13/2021	14:33:00	78793.85	394746.03	39.24	Soil	10,680	-0.34
08/13/2021	14:33:01	78794.14	394745.84	39.23	Soil	11,400	0.16
08/13/2021	14:33:02	78794.51	394745.60	39.24	Soil	12,240	0.74
08/13/2021	14:33:03	78794.96	394745.16	39.31	Soil	12,300	0.78
08/13/2021	14:33:04	78795.17	394744.94	39.31	Soil	11,640	0.33
08/13/2021	14:33:05	78795.30	394744.86	39.33	Soil	12,240	0.74
08/13/2021	14:33:06	78795.58	394744.70	39.35	Soil	12,420	0.87
08/13/2021	14:33:07	78795.91	394744.55	39.32	Soil	10,560	-0.42
08/13/2021	14:33:08	78796.03	394744.29	39.18	Soil	12,060	0.62
08/13/2021	14:33:09	78796.08	394743.87	39.10	Soil	11,100	-0.05
08/13/2021	14:33:10	78796.36	394743.45	39.06	Soil	12,000	0.58
08/13/2021	14:33:11	78796.61	394743.06	39.02	Soil	12,000	0.58

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08/13/2021	14:33:12	78796.72	394742.77	39.04	Soil	11,040	-0.09
08/13/2021	14:33:13	78796.80	394742.65	39.12	Soil	10,260	-0.63
08/13/2021	14:33:14	78796.79	394742.83	39.15	Soil	10,320	-0.59
08/13/2021	14:33:15	78797.03	394743.16	39.16	Soil	11,880	0.49
08/13/2021	14:33:16	78797.12	394743.25	39.15	Soil	12,780	1.11
08/13/2021	14:33:17	78797.08	394743.31	39.15	Soil	10,680	-0.34
08/13/2021	14:33:18	78796.94	394743.43	39.20	Soil	11,460	0.20
08/13/2021	14:33:19	78796.81	394743.53	39.18	Soil	12,780	1.11
08/13/2021	14:33:20	78796.75	394743.50	39.11	Soil	10,980	-0.13
08/13/2021	14:33:21	78796.71	394743.42	39.11	Soil	11,220	0.04
08/13/2021	14:33:22	78796.73	394743.38	39.12	Soil	11,460	0.20
08/13/2021	14:33:23	78796.70	394743.35	39.09	Soil	10,740	-0.30
08/13/2021	14:33:24	78796.74	394743.18	39.08	Soil	10,560	-0.42
08/13/2021	14:33:25	78796.78	394743.00	39.00	Soil	10,380	-0.54
08/13/2021	14:33:26	78796.81	394742.73	38.98	Soil	11,820	0.45
08/13/2021	14:33:27	78796.94	394742.40	38.99	Soil	10,140	-0.71
08/13/2021	14:33:28	78797.08	394742.21	38.96	Soil	8,940	-1.54
08/13/2021	14:33:29	78797.36	394741.95	38.93	Soil	12,600	0.99
08/13/2021	14:33:30	78797.51	394741.67	38.94	Soil	11,220	0.04
08/13/2021	14:33:31	78797.73	394741.42	38.91	Soil	10,860	-0.21
08/13/2021	14:33:32	78797.87	394741.13	38.92	Soil	10,560	-0.42
08/13/2021	14:33:33	78798.04	394740.96	38.93	Soil	11,640	0.33
08/13/2021	14:33:34	78798.16	394740.69	38.97	Soil	12,720	1.07
08/13/2021	14:33:35	78798.27	394740.44	38.96	Soil	9,840	-0.92
08/13/2021	14:33:36	78798.20	394740.31	39.00	Soil	11,340	0.12
08/13/2021	14:33:37	78798.08	394740.32	38.99	Soil	11,700	0.37
08/13/2021	14:33:38	78797.95	394740.33	39.02	Soil	10,080	-0.75
08/13/2021	14:33:39	78797.81	394740.23	39.03	Soil	11,100	-0.05
08/13/2021	14:33:40	78797.57	394740.20	39.01	Soil	9,660	-1.04
08/13/2021	14:33:41	78797.52	394740.05	39.01	Soil	9,780	-0.96
08/13/2021	14:33:42	78797.30	394739.95	39.02	Soil	12,300	0.78
08/13/2021	14:33:43	78797.22	394739.76	38.92	Soil	10,080	-0.75
08/13/2021	14:33:44	78797.03	394739.58	38.89	Soil	10,320	-0.59
08/13/2021	14:33:45	78796.98	394739.43	38.86	Soil	11,820	0.45
08/13/2021	14:33:46	78796.87	394739.48	38.86	Soil	10,740	-0.30
08/13/2021	14:33:47	78797.04	394739.41	38.86	Soil	9,480	-1.17
08/13/2021	14:33:48	78797.03	394739.44	38.82	Soil	11,580	0.28
08/13/2021	14:33:49	78797.06	394739.26	38.82	Soil	10,440	-0.50
08/13/2021	14:33:50	78797.14	394739.21	38.81	Soil	10,980	-0.13
08/13/2021	14:33:51	78797.35	394739.04	38.89	Soil	10,440	-0.50
08/13/2021	14:33:52	78797.45	394739.21	38.94	Soil	9,240	-1.33
08/13/2021	14:33:53	78797.65	394739.18	38.95	Soil	10,080	-0.75
08/13/2021	14:33:54	78797.57	394739.38	38.94	Soil	9,960	-0.84
08/13/2021	14:33:55	78797.57	394739.47	38.97	Soil	10,080	-0.75
08/13/2021	14:33:56	78797.45	394739.57	38.94	Soil	11,100	-0.05
08/13/2021	14:33:57	78797.39	394739.56	38.92	Soil	11,040	-0.09
08/13/2021	14:33:58	78797.34	394739.47	38.86	Soil	9,960	-0.84
08/13/2021	14:33:59	78797.34	394739.41	38.93	Soil	11,400	0.16
08/13/2021	14:34:00	78797.53	394739.52	38.97	Soil	10,500	-0.46
08/13/2021	14:34:01	78797.68	394739.50	38.98	Soil	11,220	0.04
08/13/2021	14:34:02	78797.64	394739.61	38.99	Soil	10,980	-0.13

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08/13/2021	14:34:03	78797.71	394739.79	39.01	Soil	12,000	0.58
08/13/2021	14:34:04	78797.71	394739.92	38.99	Soil	9,780	-0.96
08/13/2021	14:34:05	78797.85	394739.97	39.02	Soil	11,280	0.08
08/13/2021	14:34:06	78797.80	394740.10	38.95	Soil	9,360	-1.25
08/13/2021	14:34:07	78797.82	394740.10	38.98	Soil	11,400	0.16
08/13/2021	14:34:08	78797.88	394739.86	38.95	Soil	11,880	0.49
08/13/2021	14:34:09	78797.79	394739.54	38.94	Soil	11,100	-0.05
08/13/2021	14:34:10	78797.65	394739.35	38.88	Soil	10,140	-0.71
08/13/2021	14:34:11	78797.46	394739.30	38.82	Soil	10,200	-0.67
08/13/2021	14:34:12	78797.26	394739.04	38.75	Soil	9,840	-0.92
08/13/2021	14:34:13	78797.09	394738.98	38.73	Soil	9,240	-1.33
08/13/2021	14:34:14	78797.01	394738.79	38.74	Soil	8,940	-1.54
08/13/2021	14:34:15	78796.93	394738.70	38.72	Soil	10,740	-0.30
08/13/2021	14:34:16	78796.84	394738.59	38.75	Soil	9,900	-0.88
08/13/2021	14:34:17	78796.96	394738.51	38.76	Soil	10,740	-0.30
08/13/2021	14:34:18	78797.09	394738.34	38.76	Soil	10,920	-0.17
08/13/2021	14:34:19	78797.24	394738.36	38.77	Soil	9,960	-0.84
08/13/2021	14:34:21	78797.16	394738.39	38.77	Soil	10,200	-0.67
08/13/2021	14:34:22	78797.00	394738.33	38.76	Soil	9,420	-1.21
08/13/2021	14:34:23	78796.83	394738.40	38.75	Soil	10,140	-0.71
08/13/2021	14:34:24	78796.69	394738.38	38.69	Soil	9,180	-1.37
08/13/2021	14:34:25	78796.50	394738.44	38.68	Soil	10,200	-0.67
08/13/2021	14:34:26	78796.37	394738.44	38.60	Soil	13,140	1.36
08/13/2021	14:34:27	78796.15	394738.46	38.58	Soil	10,500	-0.46
08/13/2021	14:34:28	78795.96	394738.41	38.53	Soil	9,960	-0.84
08/13/2021	14:34:29	78795.75	394738.44	38.50	Soil	10,020	-0.79
08/13/2021	14:34:30	78795.63	394738.33	38.44	Soil	12,180	0.70
08/13/2021	14:34:39	78796.21	394738.18	38.74	Soil	9,120	-1.42
08/13/2021	14:34:40	78796.33	394738.16	38.78	Soil	9,720	-1.00
08/13/2021	14:34:41	78796.45	394738.23	38.82	Soil	10,740	-0.30
08/13/2021	14:34:42	78796.54	394738.15	38.86	Soil	10,680	-0.34
08/13/2021	14:34:43	78796.68	394738.24	38.89	Soil	12,180	0.70
08/13/2021	14:34:44	78796.83	394738.22	38.88	Soil	10,800	-0.25
08/13/2021	14:34:45	78796.97	394738.32	38.86	Soil	10,920	-0.17
08/13/2021	14:34:46	78797.02	394738.28	38.84	Soil	10,920	-0.17
08/13/2021	14:34:47	78796.80	394738.27	38.81	Soil	10,980	-0.13
08/13/2021	14:34:48	78796.59	394738.21	38.76	Soil	12,180	0.70
08/13/2021	14:34:49	78796.38	394738.20	38.70	Soil	10,440	-0.50
08/13/2021	14:34:50	78796.21	394738.16	38.61	Soil	10,740	-0.30
08/13/2021	14:35:05	78795.83	394738.33	38.42	Soil	9,120	-1.42
08/13/2021	14:35:06	78795.80	394738.48	38.36	Soil	10,980	-0.13
08/13/2021	14:35:07	78795.59	394738.50	38.35	Soil	11,160	-0.01
08/13/2021	14:35:08	78795.51	394738.43	38.29	Soil	9,540	-1.13
08/13/2021	14:35:12	78795.25	394738.75	38.21	Soil	12,420	0.87
08/13/2021	14:35:13	78795.32	394738.94	38.13	Soil	9,960	-0.84
08/13/2021	14:35:14	78795.23	394739.13	38.13	Soil	11,340	0.12
08/13/2021	14:35:15	78795.13	394739.29	38.06	Soil	9,120	-1.42
08/13/2021	14:35:16	78794.96	394739.40	38.03	Soil	10,320	-0.59
08/13/2021	14:35:17	78794.92	394739.34	38.03	Soil	10,020	-0.79
08/13/2021	14:35:18	78794.95	394739.14	37.92	Soil	9,420	-1.21
08/13/2021	14:35:22	78794.91	394739.12	37.98	Soil	9,540	-1.13

SU 7C GWS RESULTS

08/13/2021	14:35:23	78794.95	394739.18	37.99	Soil	10,800	-0.25
08/13/2021	14:35:24	78795.04	394739.18	37.95	Soil	10,740	-0.30
08/13/2021	14:35:25	78794.89	394739.30	37.99	Soil	10,380	-0.54
08/13/2021	14:35:26	78794.82	394739.48	37.98	Soil	10,020	-0.79
08/13/2021	14:35:27	78794.74	394739.59	38.00	Soil	10,260	-0.63
08/13/2021	14:35:28	78794.74	394739.79	37.99	Soil	8,880	-1.58
08/13/2021	14:35:29	78794.64	394739.91	38.01	Soil	8,520	-1.83
08/13/2021	14:35:30	78794.53	394740.00	38.06	Soil	10,200	-0.67
08/13/2021	14:35:31	78794.51	394740.19	38.08	Soil	11,940	0.53
08/13/2021	14:35:32	78794.45	394740.42	38.05	Soil	10,500	-0.46
08/13/2021	14:35:33	78794.21	394740.45	38.06	Soil	9,840	-0.92
08/13/2021	14:35:34	78794.07	394740.53	38.00	Soil	12,420	0.87
08/13/2021	14:35:35	78794.05	394740.41	37.94	Soil	11,580	0.28
08/13/2021	14:35:36	78794.02	394740.31	37.95	Soil	10,740	-0.30
08/13/2021	14:35:38	78793.78	394740.51	37.93	Soil	9,420	-1.21
08/13/2021	14:35:39	78793.62	394740.67	37.89	Soil	10,560	-0.42
08/13/2021	14:35:41	78793.42	394741.06	37.93	Soil	10,560	-0.42
08/13/2021	14:35:42	78793.25	394741.19	37.96	Soil	11,400	0.16
08/13/2021	14:35:43	78793.15	394741.44	38.00	Soil	10,860	-0.21
08/13/2021	14:35:44	78793.02	394741.57	38.01	Soil	11,040	-0.09
08/13/2021	14:35:45	78792.91	394741.70	37.97	Soil	8,700	-1.71
08/13/2021	14:35:51	78792.21	394742.56	38.26	Soil	12,660	1.03
08/13/2021	14:35:59	78791.10	394743.88	38.34	Soil	10,320	-0.59
08/13/2021	14:36:00	78791.01	394744.15	38.34	Soil	11,220	0.04
08/13/2021	14:36:01	78790.94	394744.38	38.39	Soil	10,620	-0.38
08/13/2021	14:36:02	78790.67	394744.56	38.37	Soil	10,620	-0.38
08/13/2021	14:36:03	78790.45	394744.74	38.37	Soil	10,500	-0.46
08/13/2021	14:36:04	78790.32	394744.89	38.34	Soil	10,800	-0.25
08/13/2021	14:36:06	78790.08	394745.23	38.34	Soil	9,780	-0.96
08/13/2021	14:36:07	78789.98	394745.36	38.35	Soil	10,680	-0.34
08/13/2021	14:36:08	78789.94	394745.52	38.32	Soil	11,520	0.24
08/13/2021	14:36:09	78789.82	394745.80	38.28	Soil	13,140	1.36
08/13/2021	14:36:10	78789.62	394746.03	38.23	Soil	13,380	1.53
08/13/2021	14:36:11	78789.48	394746.22	38.21	Soil	12,540	0.95
08/13/2021	14:36:12	78789.34	394746.33	38.08	Soil	11,700	0.37
08/13/2021	14:36:13	78789.21	394746.54	38.09	Soil	11,400	0.16
08/13/2021	14:36:14	78789.16	394746.73	38.10	Soil	12,120	0.66
08/13/2021	14:36:15	78789.06	394746.89	38.09	Soil	12,480	0.91
08/13/2021	14:36:16	78788.94	394747.14	38.01	Soil	12,480	0.91
08/13/2021	14:36:17	78788.80	394747.32	38.04	Soil	12,240	0.74
08/13/2021	14:36:18	78788.81	394747.52	37.94	Soil	11,880	0.49
08/13/2021	14:36:19	78788.61	394747.75	37.92	Soil	14,280	2.15
08/13/2021	14:36:20	78788.49	394747.84	37.89	Soil	13,380	1.53
08/13/2021	14:36:21	78788.50	394747.79	37.91	Soil	12,960	1.24
08/13/2021	14:36:22	78788.49	394747.82	37.92	Soil	12,720	1.07
08/13/2021	14:36:23	78788.50	394747.86	37.92	Soil	12,900	1.20
08/13/2021	14:36:24	78788.43	394747.97	37.90	Soil	33,840	15.68
08/13/2021	14:36:25	78788.47	394748.32	38.22	Soil	20,520	6.47
08/13/2021	14:36:26	78788.23	394748.39	38.46	Soil	12,720	1.07
08/13/2021	14:36:27	78788.32	394748.44	38.48	Soil	12,180	0.70
08/13/2021	14:36:28	78788.47	394748.42	38.47	Soil	12,900	1.20

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08/13/2021	14:36:29	78788.49	394748.40	38.49	Soil	13,800	1.82
08/13/2021	14:36:30	78788.47	394748.42	38.49	Soil	12,900	1.20
08/13/2021	14:36:31	78788.32	394748.64	38.46	Soil	13,860	1.86
08/13/2021	14:36:32	78788.29	394748.74	38.50	Soil	14,040	1.99
08/13/2021	14:36:33	78788.32	394748.86	38.53	Soil	14,340	2.19
08/13/2021	14:36:34	78788.41	394748.92	38.52	Soil	12,000	0.58
08/13/2021	14:36:35	78788.40	394748.97	38.52	Soil	12,600	0.99
08/13/2021	14:36:36	78788.41	394748.90	38.49	Soil	12,720	1.07
08/13/2021	14:36:37	78788.58	394748.87	38.50	Soil	14,160	2.07
08/13/2021	14:36:38	78788.66	394748.73	38.49	Soil	12,180	0.70
08/13/2021	14:36:39	78788.70	394748.51	38.39	Soil	11,640	0.33
08/13/2021	14:36:40	78788.68	394748.35	38.44	Soil	13,020	1.28
08/13/2021	14:36:41	78788.60	394748.35	38.49	Soil	13,320	1.49
08/13/2021	14:36:42	78788.58	394748.41	38.49	Soil	13,680	1.74
08/13/2021	14:36:43	78788.58	394748.38	38.56	Soil	12,240	0.74
08/13/2021	14:36:44	78788.60	394748.38	38.68	Soil	11,460	0.20
08/13/2021	14:36:45	78788.57	394748.57	38.66	Soil	11,580	0.28
08/13/2021	14:36:46	78788.56	394748.65	38.63	Soil	13,080	1.32
08/13/2021	14:36:47	78788.47	394748.74	38.64	Soil	12,720	1.07
08/13/2021	14:36:48	78788.49	394748.88	38.71	Soil	14,460	2.28
08/13/2021	14:36:49	78788.67	394748.92	38.72	Soil	11,940	0.53
08/13/2021	14:36:50	78788.67	394749.12	38.82	Soil	14,160	2.07
08/13/2021	14:36:51	78788.77	394749.36	38.81	Soil	14,280	2.15
08/13/2021	14:36:52	78788.79	394749.56	38.76	Soil	12,840	1.16
08/13/2021	14:36:53	78788.95	394749.70	38.74	Soil	12,840	1.16
08/13/2021	14:36:54	78789.04	394749.93	38.75	Soil	12,000	0.58
08/13/2021	14:36:55	78789.18	394750.04	38.78	Soil	12,480	0.91
08/13/2021	14:36:56	78789.43	394750.21	38.79	Soil	13,920	1.90
08/13/2021	14:36:57	78789.69	394750.44	38.79	Soil	13,500	1.61
08/13/2021	14:36:58	78789.77	394750.77	38.81	Soil	11,100	-0.05
08/13/2021	14:36:59	78789.94	394750.96	38.79	Soil	12,300	0.78
08/13/2021	14:37:00	78790.13	394751.11	38.87	Soil	12,780	1.11
08/13/2021	14:37:01	78790.25	394751.46	38.87	Soil	12,000	0.58
08/13/2021	14:37:02	78790.41	394751.58	38.75	Soil	13,440	1.57
08/13/2021	14:37:03	78790.63	394751.85	38.74	Soil	12,660	1.03
08/13/2021	14:37:04	78790.78	394752.04	38.76	Soil	13,200	1.41
08/13/2021	14:37:05	78791.00	394752.16	38.77	Soil	12,300	0.78
08/13/2021	14:37:06	78791.07	394752.26	38.80	Soil	10,500	-0.46
08/13/2021	14:37:07	78791.19	394752.46	38.98	Soil	13,380	1.53
08/13/2021	14:38:36	78793.07	394752.52	39.48	Soil	12,720	1.07
08/13/2021	14:38:57	78791.31	394749.49	39.15	Soil	11,520	0.24
08/13/2021	14:38:58	78791.26	394749.36	39.13	Soil	10,500	-0.46
08/13/2021	14:38:59	78791.13	394749.22	39.11	Soil	12,060	0.62
08/13/2021	14:39:00	78791.16	394749.14	39.10	Soil	12,300	0.78
08/13/2021	14:39:01	78791.24	394749.04	39.04	Soil	12,540	0.95
08/13/2021	14:39:02	78791.42	394749.00	39.02	Soil	10,560	-0.42
08/13/2021	14:39:03	78791.56	394748.90	39.02	Soil	11,400	0.16
08/13/2021	14:39:04	78791.60	394748.74	39.07	Soil	11,040	-0.09
08/13/2021	14:39:05	78791.64	394748.57	39.05	Soil	11,100	-0.05
08/13/2021	14:39:06	78791.71	394748.48	38.99	Soil	12,840	1.16
08/13/2021	14:39:07	78791.79	394748.45	38.91	Soil	12,300	0.78

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08/13/2021	14:39:08	78791.93	394748.45	38.91	Soil	12,000	0.58
08/13/2021	14:39:09	78791.95	394748.44	38.93	Soil	10,260	-0.63
08/13/2021	14:39:10	78791.84	394748.35	38.93	Soil	10,080	-0.75
08/13/2021	14:39:11	78791.73	394748.40	39.08	Soil	11,100	-0.05
08/13/2021	14:39:12	78791.66	394748.75	39.10	Soil	10,620	-0.38
08/13/2021	14:39:13	78791.66	394749.03	38.98	Soil	9,720	-1.00
08/13/2021	14:39:14	78791.96	394748.87	38.98	Soil	12,000	0.58
08/13/2021	14:39:15	78792.08	394748.73	39.12	Soil	10,440	-0.50
08/13/2021	14:39:16	78791.76	394748.82	39.12	Soil	9,060	-1.46
08/13/2021	14:39:17	78791.66	394748.81	39.07	Soil	14,760	2.48
08/13/2021	14:39:18	78791.55	394748.69	39.09	Soil	9,900	-0.88
08/13/2021	14:39:19	78791.60	394748.56	39.07	Soil	10,620	-0.38
08/13/2021	14:39:20	78791.90	394748.30	39.07	Soil	12,240	0.74
08/13/2021	14:39:21	78791.89	394747.90	39.06	Soil	11,040	-0.09
08/13/2021	14:39:22	78791.83	394747.75	39.12	Soil	12,480	0.91
08/13/2021	14:39:23	78791.99	394747.69	39.20	Soil	11,160	-0.01
08/13/2021	14:39:24	78792.18	394747.62	39.21	Soil	12,840	1.16
08/13/2021	14:39:25	78792.28	394747.70	39.22	Soil	11,100	-0.05
08/13/2021	14:39:26	78792.36	394747.76	39.40	Soil	10,620	-0.38
08/13/2021	14:39:27	78792.49	394747.65	39.35	Soil	11,820	0.45
08/13/2021	14:39:28	78792.74	394747.83	39.40	Soil	12,840	1.16
08/13/2021	14:39:29	78792.88	394747.78	39.47	Soil	10,080	-0.75
08/13/2021	14:39:30	78792.98	394747.63	39.45	Soil	11,400	0.16
08/13/2021	14:39:31	78792.94	394747.63	39.43	Soil	11,100	-0.05
08/13/2021	14:39:32	78792.93	394747.64	39.49	Soil	10,920	-0.17
08/13/2021	14:39:33	78793.09	394747.55	39.44	Soil	12,060	0.62
08/13/2021	14:39:34	78793.24	394747.40	39.56	Soil	12,900	1.20
08/13/2021	14:39:37	78794.03	394746.80	39.74	Soil	10,200	-0.67
08/13/2021	14:39:38	78794.14	394746.60	39.72	Soil	12,780	1.11
08/13/2021	14:39:39	78794.31	394746.38	39.67	Soil	9,780	-0.96
08/13/2021	14:39:40	78794.48	394746.11	39.69	Soil	11,640	0.33
08/13/2021	14:39:41	78794.76	394745.91	39.69	Soil	12,300	0.78
08/13/2021	14:39:42	78794.92	394745.80	39.64	Soil	13,680	1.74
08/13/2021	14:39:43	78795.03	394745.57	39.64	Soil	11,220	0.04
08/13/2021	14:39:44	78795.27	394745.34	39.54	Soil	10,740	-0.30
08/13/2021	14:39:45	78795.49	394745.17	39.56	Soil	10,500	-0.46
08/13/2021	14:39:46	78795.82	394744.99	39.54	Soil	11,460	0.20
08/13/2021	14:39:48	78796.35	394744.40	39.07	Soil	11,940	0.53
08/13/2021	14:39:49	78796.25	394743.79	38.83	Soil	13,080	1.32
08/13/2021	14:39:50	78795.77	394743.39	38.78	Soil	10,800	-0.25
08/13/2021	14:39:51	78794.91	394743.38	38.81	Soil	12,060	0.62
08/13/2021	14:39:52	78794.14	394743.63	38.79	Soil	11,220	0.04
08/13/2021	14:39:53	78793.54	394744.05	38.85	Soil	10,020	-0.79
08/13/2021	14:39:54	78793.17	394744.55	38.84	Soil	9,720	-1.00
08/13/2021	14:39:55	78793.00	394744.68	38.85	Soil	9,300	-1.29
08/13/2021	14:39:56	78792.93	394744.66	38.84	Soil	10,560	-0.42
08/13/2021	14:39:57	78792.85	394744.80	38.85	Soil	10,380	-0.54
08/13/2021	14:39:58	78792.72	394745.07	38.85	Soil	10,980	-0.13
08/13/2021	14:39:59	78792.55	394745.21	38.86	Soil	10,800	-0.25
08/13/2021	14:40:00	78792.48	394745.47	38.85	Soil	10,980	-0.13
08/13/2021	14:40:01	78792.31	394745.66	38.90	Soil	8,940	-1.54

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08/13/2021	14:40:02	78792.17	394745.90	38.84	Soil	11,460	0.20
08/13/2021	14:40:03	78791.94	394746.13	38.83	Soil	10,920	-0.17
08/13/2021	14:40:04	78791.77	394746.39	38.84	Soil	11,580	0.28
08/13/2021	14:40:05	78791.60	394746.62	38.82	Soil	11,100	-0.05
08/13/2021	14:40:06	78791.46	394746.87	38.83	Soil	12,240	0.74
08/13/2021	14:40:07	78791.33	394747.07	38.81	Soil	10,860	-0.21
08/13/2021	14:40:08	78791.28	394747.26	38.80	Soil	11,280	0.08
08/13/2021	14:40:09	78791.15	394747.45	38.83	Soil	9,300	-1.29
08/13/2021	14:40:10	78791.05	394747.72	38.82	Soil	12,420	0.87
08/13/2021	14:40:11	78790.93	394747.96	38.88	Soil	11,760	0.41
08/13/2021	14:40:12	78790.92	394748.25	38.90	Soil	10,320	-0.59
08/13/2021	14:40:13	78790.89	394748.51	38.91	Soil	11,040	-0.09
08/13/2021	14:40:14	78790.88	394748.71	38.89	Soil	10,260	-0.63
08/13/2021	14:40:15	78790.75	394748.89	38.92	Soil	11,580	0.28
08/13/2021	14:40:16	78790.67	394749.12	38.88	Soil	12,120	0.66
08/13/2021	14:40:17	78790.55	394749.30	38.87	Soil	12,600	0.99
08/13/2021	14:40:18	78790.43	394749.53	38.85	Soil	12,420	0.87
08/13/2021	14:40:19	78790.21	394749.72	38.86	Soil	11,520	0.24
08/13/2021	14:40:20	78790.12	394749.93	38.84	Soil	11,940	0.53
08/13/2021	14:40:21	78789.98	394750.12	38.83	Soil	11,640	0.33
08/13/2021	14:40:22	78790.04	394750.22	38.83	Soil	14,340	2.19
08/13/2021	14:40:23	78789.97	394750.27	38.81	Soil	11,400	0.16
08/13/2021	14:40:24	78789.93	394750.19	38.82	Soil	12,840	1.16
08/13/2021	14:40:25	78789.97	394749.98	38.84	Soil	11,580	0.28
08/13/2021	14:40:26	78790.08	394749.85	38.85	Soil	11,580	0.28
08/13/2021	14:40:27	78790.18	394749.63	38.88	Soil	11,520	0.24
08/13/2021	14:40:28	78790.34	394749.41	38.86	Soil	9,240	-1.33
08/13/2021	14:40:29	78790.44	394749.18	38.86	Soil	10,680	-0.34
08/13/2021	14:40:30	78790.58	394749.03	38.86	Soil	11,220	0.04
08/13/2021	14:40:31	78790.71	394748.83	38.87	Soil	11,460	0.20
08/13/2021	14:40:32	78790.86	394748.61	38.86	Soil	12,300	0.78
08/13/2021	14:40:33	78791.05	394748.38	38.84	Soil	10,320	-0.59
08/13/2021	14:40:34	78791.17	394748.17	38.83	Soil	12,240	0.74
08/13/2021	14:40:35	78791.28	394747.94	38.82	Soil	11,220	0.04
08/13/2021	14:40:36	78791.38	394747.69	38.81	Soil	11,220	0.04
08/13/2021	14:40:37	78791.53	394747.52	38.82	Soil	9,840	-0.92
08/13/2021	14:40:38	78791.65	394747.33	38.85	Soil	10,140	-0.71
08/13/2021	14:40:39	78791.77	394747.18	38.84	Soil	13,020	1.28
08/13/2021	14:40:40	78791.88	394746.99	38.83	Soil	11,220	0.04
08/13/2021	14:40:41	78792.05	394746.84	38.83	Soil	12,780	1.11
08/13/2021	14:40:42	78792.16	394746.61	38.83	Soil	12,060	0.62
08/13/2021	14:40:43	78792.26	394746.46	38.81	Soil	12,180	0.70
08/13/2021	14:40:44	78792.42	394746.24	38.77	Soil	10,920	-0.17
08/13/2021	14:40:45	78792.60	394746.08	38.76	Soil	13,380	1.53
08/13/2021	14:40:46	78792.71	394745.88	38.77	Soil	9,900	-0.88
08/13/2021	14:40:47	78792.88	394745.69	38.82	Soil	13,320	1.49
08/13/2021	14:40:48	78793.05	394745.51	38.86	Soil	10,140	-0.71
08/13/2021	14:40:49	78793.21	394745.43	38.85	Soil	12,240	0.74
08/13/2021	14:40:50	78793.43	394745.34	38.85	Soil	12,420	0.87
08/13/2021	14:40:51	78793.65	394745.13	38.90	Soil	12,420	0.87
08/13/2021	14:40:52	78793.89	394744.99	38.89	Soil	11,640	0.33

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08/13/2021	14:40:53	78794.12	394744.75	38.86	Soil	9,540	-1.13
08/13/2021	14:40:54	78794.32	394744.52	38.87	Soil	11,940	0.53
08/13/2021	14:40:55	78794.60	394744.35	38.87	Soil	11,400	0.16
08/13/2021	14:40:56	78794.82	394744.16	38.92	Soil	11,820	0.45
08/13/2021	14:40:57	78795.03	394744.04	38.90	Soil	10,800	-0.25
08/13/2021	14:40:58	78795.28	394743.83	38.91	Soil	11,220	0.04
08/13/2021	14:40:59	78795.52	394743.67	38.92	Soil	12,240	0.74
08/13/2021	14:41:00	78795.75	394743.53	38.93	Soil	12,660	1.03
08/13/2021	14:41:01	78795.93	394743.47	38.96	Soil	11,700	0.37
08/13/2021	14:41:02	78796.13	394743.34	39.00	Soil	10,920	-0.17
08/13/2021	14:41:03	78796.34	394743.23	39.00	Soil	10,740	-0.30
08/13/2021	14:41:04	78796.43	394743.10	39.00	Soil	10,860	-0.21
08/13/2021	14:41:05	78796.56	394742.95	39.01	Soil	12,960	1.24
08/13/2021	14:41:06	78796.72	394742.93	38.99	Soil	13,260	1.45
08/13/2021	14:41:07	78796.75	394742.76	38.93	Soil	11,580	0.28
08/13/2021	14:41:08	78796.49	394742.58	38.99	Soil	11,100	-0.05
08/13/2021	14:41:09	78796.22	394742.74	38.99	Soil	11,220	0.04
08/13/2021	14:41:10	78795.92	394742.86	38.98	Soil	11,040	-0.09
08/13/2021	14:41:11	78795.68	394742.99	38.96	Soil	10,980	-0.13
08/13/2021	14:41:12	78795.45	394743.11	38.89	Soil	11,040	-0.09
08/13/2021	14:41:13	78795.14	394743.24	38.95	Soil	11,040	-0.09
08/13/2021	14:41:14	78794.88	394743.38	38.96	Soil	11,160	-0.01
08/13/2021	14:41:15	78794.65	394743.59	38.95	Soil	12,120	0.66
08/13/2021	14:41:16	78794.43	394743.77	38.99	Soil	9,720	-1.00
08/13/2021	14:41:17	78794.28	394744.01	38.98	Soil	13,260	1.45
08/13/2021	14:41:18	78794.03	394744.15	39.00	Soil	11,280	0.08
08/13/2021	14:41:19	78793.85	394744.29	39.00	Soil	10,200	-0.67
08/13/2021	14:41:20	78793.65	394744.42	38.99	Soil	12,120	0.66
08/13/2021	14:41:21	78793.49	394744.58	38.97	Soil	11,880	0.49
08/13/2021	14:41:22	78793.25	394744.71	38.99	Soil	10,680	-0.34
08/13/2021	14:41:23	78793.02	394744.86	38.94	Soil	11,700	0.37
08/13/2021	14:41:24	78792.78	394745.00	38.91	Soil	11,460	0.20
08/13/2021	14:41:25	78792.60	394745.26	38.90	Soil	11,460	0.20
08/13/2021	14:41:26	78792.37	394745.48	38.93	Soil	10,380	-0.54
08/13/2021	14:41:27	78792.16	394745.75	38.90	Soil	12,300	0.78
08/13/2021	14:41:28	78791.89	394745.97	38.94	Soil	11,280	0.08
08/13/2021	14:41:29	78791.72	394746.28	38.95	Soil	10,380	-0.54
08/13/2021	14:41:30	78791.50	394746.55	38.95	Soil	12,540	0.95
08/13/2021	14:41:31	78791.34	394746.89	38.94	Soil	10,260	-0.63
08/13/2021	14:41:32	78791.15	394747.24	38.96	Soil	10,680	-0.34
08/13/2021	14:41:33	78791.02	394747.57	38.94	Soil	13,800	1.82
08/13/2021	14:41:34	78790.82	394747.78	38.97	Soil	10,260	-0.63
08/13/2021	14:41:35	78790.59	394748.04	38.96	Soil	11,160	-0.01
08/13/2021	14:41:36	78790.39	394748.28	38.94	Soil	12,540	0.95
08/13/2021	14:41:37	78790.23	394748.52	38.93	Soil	11,220	0.04
08/13/2021	14:41:38	78790.02	394748.74	38.94	Soil	11,040	-0.09
08/13/2021	14:41:39	78789.93	394749.03	38.87	Soil	13,320	1.49
08/13/2021	14:41:40	78789.84	394749.33	38.88	Soil	13,440	1.57
08/13/2021	14:52:01	78797.56	394739.42	38.50	Soil	10,560	-0.42
08/13/2021	14:52:02	78797.54	394739.40	38.52	Soil	11,040	-0.09
08/13/2021	14:52:03	78797.48	394739.50	38.51	Soil	11,880	0.49

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08/13/2021	14:52:04	78797.36	394739.70	38.49	Soil	11,640	0.33
08/13/2021	14:52:05	78797.20	394739.80	38.51	Soil	11,580	0.28
08/13/2021	14:52:06	78797.10	394740.01	38.46	Soil	13,080	1.32
08/13/2021	14:52:07	78796.99	394740.15	38.44	Soil	10,500	-0.46
08/13/2021	14:52:08	78796.79	394740.28	38.36	Soil	11,100	-0.05
08/13/2021	14:52:09	78796.60	394740.48	38.39	Soil	11,280	0.08
08/13/2021	14:52:10	78796.41	394740.67	38.35	Soil	11,220	0.04
08/13/2021	14:52:11	78796.25	394740.78	38.37	Soil	10,980	-0.13
08/13/2021	14:52:12	78796.05	394740.89	38.29	Soil	10,140	-0.71
08/13/2021	14:52:13	78795.93	394741.01	38.40	Soil	11,400	0.16
08/13/2021	14:52:14	78795.80	394741.13	38.30	Soil	10,140	-0.71
08/13/2021	14:52:15	78795.66	394741.39	38.35	Soil	10,860	-0.21
08/13/2021	14:52:16	78795.47	394741.51	38.28	Soil	10,440	-0.50
08/13/2021	14:52:17	78795.26	394741.68	38.27	Soil	10,860	-0.21
08/13/2021	14:52:18	78794.99	394741.82	38.20	Soil	9,300	-1.29
08/13/2021	14:52:19	78794.78	394741.95	38.27	Soil	9,900	-0.88
08/13/2021	14:52:20	78794.60	394742.04	38.20	Soil	10,560	-0.42
08/13/2021	14:52:21	78794.39	394742.24	38.25	Soil	11,400	0.16
08/13/2021	14:52:22	78794.13	394742.41	38.17	Soil	10,080	-0.75
08/13/2021	14:52:23	78793.87	394742.64	38.19	Soil	12,000	0.58
08/13/2021	14:52:24	78793.62	394742.77	38.11	Soil	10,260	-0.63
08/13/2021	14:52:25	78793.38	394742.95	38.16	Soil	11,880	0.49
08/13/2021	14:52:26	78793.09	394743.14	38.11	Soil	10,740	-0.30
08/13/2021	14:52:27	78792.80	394743.32	38.15	Soil	11,280	0.08
08/13/2021	14:52:28	78792.48	394743.49	38.11	Soil	12,060	0.62
08/13/2021	14:52:29	78792.23	394743.81	38.12	Soil	10,020	-0.79
08/13/2021	14:52:30	78791.98	394744.05	38.13	Soil	10,200	-0.67
08/13/2021	14:52:31	78791.77	394744.29	38.04	Soil	10,500	-0.46
08/13/2021	14:52:32	78791.52	394744.43	38.15	Soil	10,500	-0.46
08/13/2021	14:52:33	78791.35	394744.72	38.07	Soil	11,880	0.49
08/13/2021	14:52:34	78791.22	394745.02	38.13	Soil	10,320	-0.59
08/13/2021	14:52:35	78791.03	394745.24	38.13	Soil	10,860	-0.21
08/13/2021	14:52:36	78790.86	394745.52	38.14	Soil	11,100	-0.05
08/13/2021	14:52:37	78790.69	394745.82	38.12	Soil	12,240	0.74
08/13/2021	14:52:38	78790.54	394746.10	38.14	Soil	9,180	-1.37
08/13/2021	14:52:39	78790.38	394746.37	38.04	Soil	11,400	0.16
08/13/2021	14:52:40	78790.21	394746.68	38.15	Soil	10,560	-0.42
08/13/2021	14:52:41	78790.04	394747.13	38.12	Soil	11,760	0.41
08/13/2021	14:52:42	78789.96	394747.62	38.15	Soil	11,280	0.08
08/13/2021	14:52:43	78789.78	394747.95	37.98	Soil	11,280	0.08
08/13/2021	14:52:44	78789.53	394748.25	38.06	Soil	11,700	0.37
08/13/2021	14:52:45	78789.20	394748.54	38.13	Soil	11,520	0.24
08/13/2021	14:52:46	78789.04	394748.86	38.18	Soil	14,580	2.36
08/13/2021	14:52:47	78789.06	394748.94	38.24	Soil	12,660	1.03
08/13/2021	14:52:48	78789.31	394749.06	38.25	Soil	12,180	0.70
08/13/2021	14:52:49	78789.43	394749.08	38.28	Soil	12,360	0.82
08/13/2021	14:52:50	78789.55	394748.92	38.27	Soil	12,000	0.58
08/13/2021	14:52:51	78789.72	394748.72	38.26	Soil	10,620	-0.38
08/13/2021	14:52:52	78789.80	394748.42	38.25	Soil	12,420	0.87
08/13/2021	14:52:53	78789.93	394748.18	38.26	Soil	9,840	-0.92
08/13/2021	14:52:54	78790.03	394747.92	38.26	Soil	11,460	0.20

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08/13/2021	14:52:55	78790.15	394747.61	38.26	Soil	11,280	0.08
08/13/2021	14:52:56	78790.19	394747.33	38.24	Soil	11,100	-0.05
08/13/2021	14:52:57	78790.27	394747.05	38.24	Soil	11,040	-0.09
08/13/2021	14:52:58	78790.39	394746.75	38.25	Soil	12,000	0.58
08/13/2021	14:52:59	78790.52	394746.50	38.26	Soil	10,200	-0.67
08/13/2021	14:53:00	78790.57	394746.26	38.26	Soil	10,080	-0.75
08/13/2021	14:53:01	78790.77	394746.02	38.26	Soil	10,620	-0.38
08/13/2021	14:53:02	78790.91	394745.79	38.24	Soil	11,160	-0.01
08/13/2021	14:53:03	78791.10	394745.59	38.24	Soil	10,980	-0.13
08/13/2021	14:53:04	78791.25	394745.32	38.24	Soil	12,780	1.11
08/13/2021	14:53:05	78791.43	394745.10	38.24	Soil	9,660	-1.04
08/13/2021	14:53:06	78791.56	394744.86	38.23	Soil	10,620	-0.38
08/13/2021	14:53:07	78791.72	394744.64	38.25	Soil	9,900	-0.88
08/13/2021	14:53:08	78791.85	394744.32	38.27	Soil	11,160	-0.01
08/13/2021	14:53:09	78792.14	394744.06	38.28	Soil	10,380	-0.54
08/13/2021	14:53:10	78792.40	394743.87	38.28	Soil	10,500	-0.46
08/13/2021	14:53:11	78792.62	394743.66	38.27	Soil	9,360	-1.25
08/13/2021	14:53:12	78792.87	394743.50	38.26	Soil	11,820	0.45
08/13/2021	14:53:13	78793.09	394743.26	38.27	Soil	11,040	-0.09
08/13/2021	14:53:14	78793.29	394743.10	38.30	Soil	10,980	-0.13
08/13/2021	14:53:15	78793.47	394742.95	38.32	Soil	10,860	-0.21
08/13/2021	14:53:16	78793.80	394742.79	38.36	Soil	10,380	-0.54
08/13/2021	14:53:17	78794.14	394742.56	38.39	Soil	9,420	-1.21
08/13/2021	14:53:18	78794.47	394742.40	38.40	Soil	11,160	-0.01
08/13/2021	14:53:19	78794.81	394742.23	38.46	Soil	10,020	-0.79
08/13/2021	14:53:20	78795.12	394741.96	38.49	Soil	10,440	-0.50
08/13/2021	14:53:21	78795.46	394741.78	38.53	Soil	12,960	1.24
08/13/2021	14:53:22	78795.77	394741.58	38.52	Soil	11,040	-0.09
08/13/2021	14:53:23	78796.10	394741.36	38.54	Soil	12,060	0.62
08/13/2021	14:53:24	78796.42	394741.16	38.54	Soil	11,880	0.49
08/13/2021	14:53:25	78796.67	394740.87	38.55	Soil	11,460	0.20
08/13/2021	14:53:26	78796.91	394740.61	38.58	Soil	11,880	0.49
08/13/2021	14:53:27	78797.00	394740.28	38.59	Soil	11,340	0.12
08/13/2021	14:53:28	78797.08	394740.06	38.60	Soil	10,260	-0.63
08/13/2021	14:53:29	78797.16	394739.83	38.59	Soil	12,240	0.74
08/13/2021	14:53:30	78797.31	394739.63	38.60	Soil	10,260	-0.63
08/13/2021	14:53:31	78797.49	394739.45	38.58	Soil	9,540	-1.13
08/13/2021	14:53:32	78797.74	394739.18	38.63	Soil	10,620	-0.38
08/13/2021	14:53:39	78798.01	394739.37	38.71	Soil	10,680	-0.34
08/13/2021	14:53:40	78797.79	394739.57	38.73	Soil	10,380	-0.54
08/13/2021	14:53:41	78797.67	394739.80	38.71	Soil	11,040	-0.09
08/13/2021	14:53:42	78797.46	394740.02	38.71	Soil	10,740	-0.30
08/13/2021	14:53:43	78797.32	394740.30	38.69	Soil	10,620	-0.38
08/13/2021	14:53:44	78797.17	394740.58	38.70	Soil	11,280	0.08
08/13/2021	14:53:45	78796.97	394740.82	38.69	Soil	12,180	0.70
08/13/2021	14:53:46	78796.81	394741.07	38.71	Soil	9,840	-0.92
08/13/2021	14:53:47	78796.58	394741.24	38.68	Soil	11,820	0.45
08/13/2021	14:53:48	78796.36	394741.50	38.68	Soil	11,700	0.37
08/13/2021	14:53:49	78796.08	394741.65	38.65	Soil	10,620	-0.38
08/13/2021	14:53:50	78795.89	394741.88	38.63	Soil	10,020	-0.79
08/13/2021	14:53:51	78795.62	394742.11	38.58	Soil	10,740	-0.30

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08/13/2021	14:53:52	78795.31	394742.26	38.58	Soil	9,900	-0.88
08/13/2021	14:53:53	78795.03	394742.41	38.56	Soil	9,480	-1.17
08/13/2021	14:53:54	78794.82	394742.48	38.51	Soil	10,620	-0.38
08/13/2021	14:53:55	78794.66	394742.49	38.53	Soil	12,720	1.07
08/13/2021	14:53:56	78794.51	394742.58	38.49	Soil	10,020	-0.79
08/13/2021	14:53:57	78794.36	394742.81	38.49	Soil	11,400	0.16
08/13/2021	14:53:58	78794.13	394742.87	38.47	Soil	9,660	-1.04
08/13/2021	14:53:59	78793.95	394743.04	38.46	Soil	9,540	-1.13
08/13/2021	14:54:00	78793.75	394743.15	38.44	Soil	10,860	-0.21
08/13/2021	14:54:01	78793.57	394743.27	38.40	Soil	10,680	-0.34
08/13/2021	14:54:02	78793.40	394743.34	38.41	Soil	10,440	-0.50
08/13/2021	14:54:03	78793.22	394743.41	38.42	Soil	10,380	-0.54
08/13/2021	14:54:04	78793.04	394743.54	38.41	Soil	10,260	-0.63
08/13/2021	14:54:05	78792.88	394743.72	38.42	Soil	10,740	-0.30
08/13/2021	14:54:06	78792.68	394743.93	38.39	Soil	11,820	0.45
08/13/2021	14:54:07	78792.46	394744.21	38.41	Soil	10,860	-0.21
08/13/2021	14:54:08	78792.25	394744.43	38.38	Soil	10,920	-0.17
08/13/2021	14:54:09	78792.08	394744.66	38.40	Soil	10,620	-0.38
08/13/2021	14:54:10	78791.87	394744.88	38.37	Soil	11,580	0.28
08/13/2021	14:54:11	78791.69	394745.18	38.42	Soil	10,320	-0.59
08/13/2021	14:54:12	78791.50	394745.40	38.45	Soil	10,500	-0.46
08/13/2021	14:54:13	78791.41	394745.74	38.47	Soil	11,880	0.49
08/13/2021	14:54:14	78791.29	394745.92	38.44	Soil	11,760	0.41
08/13/2021	14:54:15	78791.21	394746.21	38.45	Soil	11,700	0.37
08/13/2021	14:54:16	78790.97	394746.50	38.45	Soil	11,880	0.49
08/13/2021	14:54:17	78790.82	394746.82	38.43	Soil	10,680	-0.34
08/13/2021	14:54:18	78790.66	394747.10	38.43	Soil	10,020	-0.79
08/13/2021	14:54:19	78790.52	394747.34	38.43	Soil	10,620	-0.38
08/13/2021	14:54:20	78790.42	394747.57	38.42	Soil	12,420	0.87
08/13/2021	14:54:21	78790.27	394747.73	38.43	Soil	11,580	0.28
08/13/2021	14:54:22	78790.11	394747.93	38.43	Soil	9,600	-1.08
08/13/2021	14:54:23	78790.01	394748.18	38.44	Soil	11,940	0.53
08/13/2021	14:54:24	78789.84	394748.52	38.49	Soil	12,000	0.58
08/13/2021	14:54:25	78789.70	394748.79	38.47	Soil	11,580	0.28
08/13/2021	14:54:26	78789.65	394749.03	38.43	Soil	13,320	1.49
08/13/2021	14:54:27	78789.51	394749.24	38.40	Soil	12,120	0.66
08/13/2021	14:54:28	78789.64	394749.54	38.43	Soil	11,400	0.16
08/13/2021	14:54:29	78789.74	394749.59	38.45	Soil	11,160	-0.01
08/13/2021	14:54:30	78789.85	394749.33	38.44	Soil	11,880	0.49
08/13/2021	14:54:31	78789.98	394749.08	38.45	Soil	12,060	0.62
08/13/2021	14:54:32	78790.06	394748.79	38.45	Soil	11,220	0.04
08/13/2021	14:54:33	78790.20	394748.58	38.46	Soil	11,100	-0.05
08/13/2021	14:54:34	78790.27	394748.34	38.44	Soil	10,680	-0.34
08/13/2021	14:54:35	78790.40	394748.09	38.43	Soil	10,500	-0.46
08/13/2021	14:54:36	78790.45	394747.75	38.41	Soil	11,820	0.45
08/13/2021	14:54:37	78790.63	394747.45	38.43	Soil	10,740	-0.30
08/13/2021	14:54:38	78790.76	394747.15	38.46	Soil	11,220	0.04
08/13/2021	14:54:39	78790.95	394746.89	38.45	Soil	13,620	1.70
08/13/2021	14:54:40	78791.07	394746.58	38.45	Soil	11,520	0.24
08/13/2021	14:54:41	78791.30	394746.29	38.47	Soil	10,740	-0.30
08/13/2021	14:54:42	78791.48	394745.99	38.45	Soil	12,120	0.66

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08/13/2021	14:54:43	78791.60	394745.75	38.43	Soil	12,540	0.95
08/13/2021	14:54:44	78791.79	394745.49	38.43	Soil	10,620	-0.38
08/13/2021	14:54:45	78791.95	394745.18	38.42	Soil	11,400	0.16
08/13/2021	14:54:46	78792.14	394745.03	38.42	Soil	10,740	-0.30
08/13/2021	14:54:47	78792.27	394744.86	38.45	Soil	11,280	0.08
08/13/2021	14:54:48	78792.50	394744.67	38.48	Soil	11,880	0.49
08/13/2021	14:54:49	78792.71	394744.44	38.49	Soil	12,840	1.16
08/13/2021	14:54:50	78792.99	394744.26	38.52	Soil	10,020	-0.79
08/13/2021	14:54:51	78793.20	394744.03	38.52	Soil	10,620	-0.38
08/13/2021	14:54:52	78793.43	394743.99	38.54	Soil	10,800	-0.25
08/13/2021	14:54:53	78793.58	394743.86	38.54	Soil	11,220	0.04
08/13/2021	14:54:54	78793.76	394743.78	38.55	Soil	9,600	-1.08
08/13/2021	14:54:55	78793.80	394743.53	38.54	Soil	11,040	-0.09
08/13/2021	14:54:56	78793.93	394743.43	38.56	Soil	9,660	-1.04
08/13/2021	14:54:57	78794.18	394743.32	38.56	Soil	11,460	0.20
08/13/2021	14:54:58	78794.36	394743.09	38.59	Soil	9,600	-1.08
08/13/2021	14:54:59	78794.62	394742.94	38.59	Soil	10,380	-0.54
08/13/2021	14:55:00	78794.76	394742.75	38.59	Soil	11,940	0.53
08/13/2021	14:55:01	78795.02	394742.63	38.57	Soil	9,480	-1.17
08/13/2021	14:55:02	78795.23	394742.43	38.57	Soil	9,420	-1.21
08/13/2021	14:55:03	78795.50	394742.31	38.56	Soil	11,160	-0.01
08/13/2021	14:55:04	78795.69	394742.06	38.62	Soil	10,380	-0.54
08/13/2021	14:55:05	78796.02	394741.90	38.61	Soil	10,380	-0.54
08/13/2021	14:55:06	78796.24	394741.66	38.60	Soil	12,960	1.24
08/13/2021	14:55:07	78796.48	394741.43	38.63	Soil	11,940	0.53
08/13/2021	14:55:08	78796.70	394741.16	38.63	Soil	9,540	-1.13
08/13/2021	14:55:09	78796.94	394740.92	38.63	Soil	9,720	-1.00
08/13/2021	14:55:10	78797.21	394740.69	38.65	Soil	10,680	-0.34
08/13/2021	14:55:11	78797.38	394740.34	38.68	Soil	9,840	-0.92
08/13/2021	14:55:12	78797.64	394740.05	38.65	Soil	10,740	-0.30
08/13/2021	14:55:13	78797.81	394739.72	38.66	Soil	10,200	-0.67
08/13/2021	14:55:14	78798.00	394739.47	38.65	Soil	10,500	-0.46
08/13/2021	14:55:20	78798.12	394739.69	38.73	Soil	9,840	-0.92
08/13/2021	14:55:21	78798.03	394739.88	38.73	Soil	9,840	-0.92
08/13/2021	14:55:22	78797.86	394740.00	38.69	Soil	10,680	-0.34
08/13/2021	14:55:23	78797.76	394740.26	38.70	Soil	11,760	0.41
08/13/2021	14:55:24	78797.61	394740.50	38.68	Soil	10,800	-0.25
08/13/2021	14:55:25	78797.51	394740.74	38.68	Soil	10,800	-0.25
08/13/2021	14:55:26	78797.30	394740.85	38.66	Soil	13,500	1.61
08/13/2021	14:55:27	78797.15	394741.10	38.69	Soil	11,040	-0.09
08/13/2021	14:55:28	78796.89	394741.25	38.66	Soil	12,300	0.78
08/13/2021	14:55:29	78796.70	394741.50	38.67	Soil	12,060	0.62
08/13/2021	14:55:30	78796.51	394741.62	38.66	Soil	10,020	-0.79
08/13/2021	14:55:31	78796.37	394741.87	38.63	Soil	12,120	0.66
08/13/2021	14:55:32	78796.17	394741.96	38.56	Soil	12,660	1.03
08/13/2021	14:55:33	78795.99	394742.15	38.54	Soil	11,040	-0.09
08/13/2021	14:55:34	78795.77	394742.23	38.54	Soil	10,680	-0.34
08/13/2021	14:55:35	78795.58	394742.39	38.54	Soil	11,820	0.45
08/13/2021	14:55:36	78795.33	394742.42	38.56	Soil	9,540	-1.13
08/13/2021	14:55:37	78795.14	394742.63	38.58	Soil	9,900	-0.88
08/13/2021	14:55:38	78794.92	394742.79	38.55	Soil	9,840	-0.92

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08/13/2021	14:55:39	78794.78	394743.00	38.55	Soil	12,120	0.66
08/13/2021	14:55:40	78794.56	394743.15	38.55	Soil	10,800	-0.25
08/13/2021	14:55:41	78794.38	394743.40	38.57	Soil	10,740	-0.30
08/13/2021	14:55:42	78794.15	394743.53	38.55	Soil	11,340	0.12
08/13/2021	14:55:43	78793.95	394743.77	38.56	Soil	10,620	-0.38
08/13/2021	14:55:44	78793.63	394743.91	38.52	Soil	10,800	-0.25
08/13/2021	14:55:45	78793.39	394744.13	38.53	Soil	9,600	-1.08
08/13/2021	14:55:46	78793.15	394744.27	38.49	Soil	11,700	0.37
08/13/2021	14:55:47	78793.02	394744.50	38.49	Soil	11,400	0.16
08/13/2021	14:55:48	78792.77	394744.62	38.44	Soil	10,620	-0.38
08/13/2021	14:55:49	78792.56	394744.87	38.45	Soil	12,120	0.66
08/13/2021	14:55:50	78792.30	394745.03	38.39	Soil	10,920	-0.17
08/13/2021	14:55:51	78792.06	394745.29	38.41	Soil	12,000	0.58
08/13/2021	14:55:52	78791.83	394745.47	38.43	Soil	12,000	0.58
08/13/2021	14:55:53	78791.68	394745.81	38.44	Soil	11,640	0.33
08/13/2021	14:55:54	78791.47	394746.05	38.45	Soil	11,460	0.20
08/13/2021	14:55:55	78791.29	394746.41	38.46	Soil	11,820	0.45
08/13/2021	14:55:56	78791.06	394746.64	38.45	Soil	11,100	-0.05
08/13/2021	14:55:57	78790.95	394746.93	38.45	Soil	13,680	1.74
08/13/2021	14:55:58	78790.81	394747.17	38.45	Soil	11,580	0.28
08/13/2021	14:55:59	78790.65	394747.55	38.47	Soil	9,900	-0.88
08/13/2021	14:56:00	78790.48	394747.81	38.48	Soil	12,000	0.58
08/13/2021	14:56:01	78790.41	394748.12	38.47	Soil	10,980	-0.13
08/13/2021	14:56:02	78790.28	394748.35	38.45	Soil	10,680	-0.34
08/13/2021	14:56:03	78790.18	394748.66	38.46	Soil	12,540	0.95
08/13/2021	14:56:04	78790.02	394748.91	38.45	Soil	11,460	0.20
08/13/2021	14:56:05	78789.92	394749.27	38.45	Soil	11,580	0.28
08/13/2021	14:56:06	78789.80	394749.55	38.44	Soil	11,460	0.20
08/13/2021	14:56:07	78789.91	394749.90	38.46	Soil	12,840	1.16
08/13/2021	14:56:08	78789.95	394750.02	38.48	Soil	11,940	0.53
08/13/2021	14:56:09	78790.15	394749.73	38.49	Soil	12,480	0.91
08/13/2021	14:56:10	78790.40	394749.46	38.54	Soil	10,080	-0.75
08/13/2021	14:56:11	78790.51	394749.08	38.55	Soil	9,600	-1.08
08/13/2021	14:56:12	78790.68	394748.84	38.56	Soil	12,960	1.24
08/13/2021	14:56:13	78790.74	394748.62	38.54	Soil	10,740	-0.30
08/13/2021	14:56:14	78790.91	394748.42	38.50	Soil	10,620	-0.38
08/13/2021	14:56:15	78790.97	394748.08	38.47	Soil	10,920	-0.17
08/13/2021	14:56:16	78791.08	394747.81	38.44	Soil	12,240	0.74
08/13/2021	14:56:17	78791.16	394747.49	38.44	Soil	10,920	-0.17
08/13/2021	14:56:18	78791.31	394747.23	38.42	Soil	10,860	-0.21
08/13/2021	14:56:19	78791.40	394746.99	38.42	Soil	11,220	0.04
08/13/2021	14:56:20	78791.49	394746.84	38.45	Soil	9,000	-1.50
08/13/2021	14:56:21	78791.62	394746.68	38.45	Soil	10,500	-0.46
08/13/2021	14:56:22	78791.79	394746.45	38.44	Soil	10,740	-0.30
08/13/2021	14:56:23	78791.97	394746.19	38.42	Soil	13,140	1.36
08/13/2021	14:56:24	78792.07	394745.94	38.43	Soil	12,900	1.20
08/13/2021	14:56:25	78792.21	394745.79	38.44	Soil	11,100	-0.05
08/13/2021	14:56:26	78792.34	394745.64	38.44	Soil	10,980	-0.13
08/13/2021	14:56:27	78792.42	394745.49	38.48	Soil	11,400	0.16
08/13/2021	14:56:28	78792.56	394745.37	38.48	Soil	12,000	0.58
08/13/2021	14:56:29	78792.68	394745.23	38.49	Soil	12,480	0.91

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08/13/2021	14:56:30	78792.93	394745.12	38.50	Soil	12,600	0.99
08/13/2021	14:56:31	78792.92	394744.88	38.51	Soil	12,000	0.58
08/13/2021	14:56:32	78792.92	394744.84	38.52	Soil	11,460	0.20
08/13/2021	14:56:33	78792.92	394744.85	38.52	Soil	10,800	-0.25
08/13/2021	14:56:34	78792.92	394744.85	38.51	Soil	11,460	0.20
08/13/2021	14:56:35	78792.92	394744.84	38.51	Soil	12,900	1.20
08/13/2021	14:56:36	78792.91	394744.81	38.51	Soil	11,640	0.33
08/13/2021	14:56:37	78793.01	394744.76	38.52	Soil	11,100	-0.05
08/13/2021	14:56:38	78793.26	394744.61	38.52	Soil	11,820	0.45
08/13/2021	14:56:39	78793.48	394744.42	38.54	Soil	11,760	0.41
08/13/2021	14:56:40	78793.61	394744.31	38.52	Soil	12,240	0.74
08/13/2021	14:56:41	78793.77	394744.17	38.53	Soil	12,180	0.70
08/13/2021	14:56:42	78794.08	394744.03	38.52	Soil	9,000	-1.50
08/13/2021	14:56:43	78794.39	394743.87	38.53	Soil	11,640	0.33
08/13/2021	14:56:44	78794.62	394743.68	38.54	Soil	10,260	-0.63
08/13/2021	14:56:45	78794.83	394743.51	38.55	Soil	9,960	-0.84
08/13/2021	14:56:46	78795.06	394743.37	38.55	Soil	10,680	-0.34
08/13/2021	14:56:47	78795.26	394743.21	38.59	Soil	12,480	0.91
08/13/2021	14:56:48	78795.46	394743.04	38.62	Soil	11,040	-0.09
08/13/2021	14:56:49	78795.67	394742.88	38.62	Soil	11,220	0.04
08/13/2021	14:56:50	78795.98	394742.78	38.64	Soil	11,160	-0.01
08/13/2021	14:56:51	78796.25	394742.55	38.64	Soil	12,360	0.82
08/13/2021	14:56:52	78796.60	394742.36	38.68	Soil	10,920	-0.17
08/13/2021	14:56:53	78796.89	394742.13	38.69	Soil	13,080	1.32
08/13/2021	14:56:54	78797.10	394741.87	38.68	Soil	11,340	0.12
08/13/2021	14:56:55	78797.30	394741.64	38.67	Soil	11,100	-0.05
08/13/2021	14:56:56	78797.65	394741.41	38.65	Soil	11,940	0.53
08/13/2021	14:56:57	78797.66	394741.09	38.65	Soil	12,420	0.87
08/13/2021	14:56:58	78797.67	394740.90	38.63	Soil	11,760	0.41
08/13/2021	14:56:59	78797.54	394740.77	38.63	Soil	11,340	0.12
08/13/2021	14:57:00	78797.43	394740.71	38.62	Soil	10,620	-0.38
08/13/2021	14:57:01	78797.39	394740.76	38.63	Soil	11,640	0.33
08/13/2021	14:57:02	78797.43	394740.87	38.62	Soil	10,920	-0.17
08/13/2021	14:57:03	78797.46	394740.95	38.63	Soil	10,440	-0.50
08/13/2021	14:57:04	78797.49	394741.03	38.62	Soil	11,700	0.37
08/13/2021	14:57:05	78797.47	394741.10	38.62	Soil	11,100	-0.05
08/13/2021	14:57:06	78797.36	394741.15	38.63	Soil	11,040	-0.09
08/13/2021	14:57:07	78797.33	394741.27	38.64	Soil	12,000	0.58
08/13/2021	14:57:08	78797.47	394741.47	38.62	Soil	10,980	-0.13
08/13/2021	14:57:09	78797.34	394741.43	38.65	Soil	10,800	-0.25
08/13/2021	14:57:10	78797.24	394741.47	38.65	Soil	12,120	0.66
08/13/2021	14:57:11	78797.30	394741.62	38.66	Soil	11,460	0.20
08/13/2021	14:57:12	78797.21	394741.56	38.67	Soil	11,040	-0.09
08/13/2021	14:57:13	78797.14	394741.64	38.65	Soil	12,060	0.62
08/13/2021	14:57:14	78797.13	394741.76	38.67	Soil	11,760	0.41
08/13/2021	14:57:15	78797.00	394741.75	38.69	Soil	9,720	-1.00
08/13/2021	14:57:16	78797.01	394741.91	38.64	Soil	10,560	-0.42
08/13/2021	14:57:17	78796.96	394741.96	38.65	Soil	10,980	-0.13
08/13/2021	14:57:18	78796.87	394741.94	38.73	Soil	11,580	0.28
08/13/2021	14:57:19	78796.96	394741.99	38.70	Soil	11,340	0.12
08/13/2021	14:57:20	78797.09	394742.09	38.72	Soil	11,760	0.41

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08/13/2021	14:57:21	78797.08	394742.08	38.65	Soil	10,740	-0.30
08/13/2021	14:57:22	78797.05	394742.00	38.64	Soil	10,380	-0.54
08/13/2021	14:57:23	78796.79	394741.85	38.60	Soil	9,960	-0.84
08/13/2021	14:57:24	78796.77	394741.85	38.61	Soil	10,440	-0.50
08/13/2021	14:57:25	78796.58	394741.74	38.61	Soil	9,900	-0.88
08/13/2021	14:57:26	78796.59	394741.87	38.62	Soil	10,320	-0.59
08/13/2021	14:57:27	78796.59	394741.86	38.63	Soil	12,600	0.99
08/13/2021	14:57:28	78796.57	394741.79	38.63	Soil	11,460	0.20
08/13/2021	14:57:29	78796.58	394741.76	38.65	Soil	10,020	-0.79
08/13/2021	14:57:30	78796.68	394741.77	38.68	Soil	11,400	0.16
08/13/2021	14:57:31	78796.85	394741.72	38.66	Soil	12,180	0.70
08/13/2021	14:57:32	78796.99	394741.44	38.66	Soil	10,980	-0.13
08/13/2021	14:57:33	78797.18	394741.32	38.67	Soil	10,920	-0.17
08/13/2021	14:57:34	78797.16	394741.13	38.67	Soil	10,860	-0.21
08/13/2021	14:57:35	78797.13	394741.31	38.69	Soil	10,740	-0.30
08/13/2021	14:57:36	78797.01	394741.44	38.72	Soil	11,700	0.37
08/13/2021	14:57:37	78796.88	394741.53	38.72	Soil	10,200	-0.67
08/13/2021	14:57:38	78796.88	394741.75	38.71	Soil	10,980	-0.13
08/13/2021	14:57:39	78796.69	394741.81	38.68	Soil	10,020	-0.79
08/13/2021	14:57:40	78796.64	394742.04	38.68	Soil	11,640	0.33
08/13/2021	14:57:41	78796.52	394742.04	38.68	Soil	11,580	0.28
08/13/2021	14:57:42	78796.53	394742.18	38.70	Soil	11,220	0.04
08/13/2021	14:57:43	78796.49	394742.27	38.70	Soil	10,740	-0.30
08/13/2021	14:57:44	78796.42	394742.35	38.69	Soil	10,980	-0.13
08/13/2021	14:57:45	78796.32	394742.43	38.73	Soil	10,200	-0.67
08/13/2021	14:57:46	78796.18	394742.48	38.70	Soil	9,240	-1.33
08/13/2021	14:57:47	78796.18	394742.68	38.69	Soil	11,280	0.08
08/13/2021	14:57:48	78795.97	394742.68	38.73	Soil	9,720	-1.00
08/13/2021	14:57:49	78795.94	394742.80	38.72	Soil	10,800	-0.25
08/13/2021	14:57:50	78796.01	394742.98	38.72	Soil	11,340	0.12
08/13/2021	14:57:51	78796.02	394742.98	38.66	Soil	10,260	-0.63
08/13/2021	14:57:52	78795.94	394742.91	38.67	Soil	12,060	0.62
08/13/2021	14:57:53	78795.72	394742.71	38.70	Soil	12,060	0.62
08/13/2021	14:57:54	78795.67	394742.71	38.69	Soil	10,980	-0.13
08/13/2021	14:57:55	78795.66	394742.82	38.70	Soil	11,520	0.24
08/13/2021	14:57:56	78795.53	394742.69	38.70	Soil	11,520	0.24
08/13/2021	14:57:57	78795.49	394742.64	38.70	Soil	10,140	-0.71
08/13/2021	14:57:58	78795.50	394742.58	38.66	Soil	14,220	2.11
08/13/2021	14:57:59	78795.60	394742.47	38.65	Soil	10,080	-0.75
08/13/2021	14:58:00	78795.70	394742.27	38.67	Soil	10,380	-0.54
08/13/2021	14:58:01	78795.85	394742.16	38.73	Soil	11,280	0.08
08/13/2021	14:58:02	78796.03	394742.09	38.72	Soil	12,000	0.58
08/13/2021	14:58:03	78796.13	394741.87	38.70	Soil	12,060	0.62
08/13/2021	14:58:04	78796.38	394741.98	38.75	Soil	11,280	0.08
08/13/2021	14:58:05	78796.47	394741.87	38.76	Soil	11,100	-0.05
08/13/2021	14:58:06	78796.54	394741.77	38.77	Soil	11,880	0.49
08/13/2021	14:58:07	78796.67	394741.92	38.75	Soil	10,440	-0.50
08/13/2021	14:58:08	78796.62	394741.80	38.76	Soil	10,800	-0.25
08/13/2021	14:58:09	78796.50	394741.89	38.76	Soil	11,100	-0.05
08/13/2021	14:58:10	78796.52	394742.11	38.75	Soil	10,680	-0.34
08/13/2021	14:58:11	78796.40	394742.15	38.76	Soil	10,680	-0.34

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08/13/2021	14:58:12	78796.27	394742.28	38.76	Soil	9,720	-1.00
08/13/2021	14:58:13	78796.16	394742.35	38.73	Soil	10,800	-0.25
08/13/2021	14:58:14	78795.97	394742.38	38.73	Soil	9,840	-0.92
08/13/2021	14:58:15	78795.86	394742.51	38.74	Soil	10,860	-0.21
08/13/2021	14:58:16	78795.65	394742.59	38.71	Soil	10,800	-0.25
08/13/2021	14:58:17	78795.49	394742.69	38.72	Soil	10,560	-0.42
08/13/2021	14:58:18	78795.29	394742.68	38.71	Soil	10,740	-0.30
08/13/2021	14:58:19	78795.19	394742.96	38.70	Soil	11,460	0.20
08/13/2021	14:58:20	78795.02	394743.05	38.72	Soil	11,100	-0.05
08/13/2021	14:58:21	78794.97	394743.26	38.70	Soil	9,420	-1.21
08/13/2021	14:58:22	78794.86	394743.36	38.71	Soil	11,400	0.16
08/13/2021	14:58:23	78794.68	394743.42	38.68	Soil	10,200	-0.67
08/13/2021	14:58:24	78794.50	394743.60	38.69	Soil	11,760	0.41
08/13/2021	14:58:25	78794.28	394743.65	38.67	Soil	11,640	0.33
08/13/2021	14:58:26	78794.11	394743.83	38.65	Soil	11,220	0.04
08/13/2021	14:58:27	78793.90	394743.77	38.60	Soil	8,940	-1.54
08/13/2021	14:58:28	78793.78	394743.89	38.55	Soil	12,120	0.66
08/13/2021	14:58:29	78793.49	394743.80	38.53	Soil	10,140	-0.71
08/13/2021	14:58:30	78793.22	394743.96	38.49	Soil	9,960	-0.84
08/13/2021	14:58:31	78793.19	394743.85	38.48	Soil	10,320	-0.59
08/13/2021	14:58:32	78793.06	394743.65	38.49	Soil	11,580	0.28
08/13/2021	14:58:33	78792.82	394743.61	38.48	Soil	10,500	-0.46
08/13/2021	14:58:34	78792.89	394743.46	38.49	Soil	12,300	0.78
08/13/2021	14:58:35	78792.94	394743.32	38.52	Soil	10,680	-0.34
08/13/2021	14:58:36	78793.12	394743.30	38.53	Soil	8,820	-1.62
08/13/2021	14:58:37	78793.33	394743.31	38.60	Soil	9,780	-0.96
08/13/2021	14:58:38	78793.54	394743.40	38.60	Soil	12,240	0.74
08/13/2021	14:58:39	78793.75	394743.43	38.62	Soil	8,760	-1.67
08/13/2021	14:58:40	78793.90	394743.40	38.65	Soil	12,000	0.58
08/13/2021	14:58:41	78793.91	394743.25	38.64	Soil	10,320	-0.59
08/13/2021	14:58:42	78794.00	394743.09	38.62	Soil	10,020	-0.79
08/13/2021	14:58:43	78794.09	394742.93	38.63	Soil	9,120	-1.42
08/13/2021	14:58:44	78794.11	394742.77	38.60	Soil	10,200	-0.67
08/13/2021	14:58:45	78794.32	394742.66	38.61	Soil	10,860	-0.21
08/13/2021	14:58:46	78794.39	394742.45	38.61	Soil	10,740	-0.30
08/13/2021	14:58:47	78794.60	394742.32	38.63	Soil	10,500	-0.46
08/13/2021	14:58:48	78794.83	394742.13	38.67	Soil	10,740	-0.30
08/13/2021	14:58:49	78795.13	394741.97	38.71	Soil	9,720	-1.00
08/13/2021	14:58:50	78795.36	394741.79	38.72	Soil	10,440	-0.50
08/13/2021	14:58:51	78795.61	394741.76	38.72	Soil	10,380	-0.54
08/13/2021	14:58:52	78795.83	394741.63	38.74	Soil	11,460	0.20
08/13/2021	14:58:53	78796.06	394741.72	38.73	Soil	12,180	0.70
08/13/2021	14:58:54	78796.12	394741.54	38.74	Soil	11,280	0.08
08/13/2021	14:58:55	78796.26	394741.41	38.76	Soil	11,460	0.20
08/13/2021	14:58:56	78796.34	394741.30	38.77	Soil	10,140	-0.71
08/13/2021	14:58:57	78796.42	394741.05	38.75	Soil	14,040	1.99
08/13/2021	14:58:58	78796.63	394740.91	38.75	Soil	11,400	0.16
08/13/2021	14:58:59	78796.64	394740.57	38.77	Soil	12,300	0.78
08/13/2021	14:59:00	78796.85	394740.38	38.78	Soil	11,700	0.37
08/13/2021	14:59:01	78796.89	394740.15	38.79	Soil	11,040	-0.09
08/13/2021	14:59:02	78797.01	394739.92	38.79	Soil	10,800	-0.25

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08/13/2021	14:59:03	78797.15	394739.71	38.80	Soil	10,920	-0.17
08/13/2021	14:59:04	78797.34	394739.51	38.81	Soil	11,760	0.41
08/13/2021	14:59:05	78797.51	394739.26	38.77	Soil	11,760	0.41
08/13/2021	14:59:06	78797.50	394738.95	38.74	Soil	11,040	-0.09
08/13/2021	14:59:07	78797.48	394738.68	38.66	Soil	10,740	-0.30
08/13/2021	14:59:08	78797.29	394738.94	38.65	Soil	12,300	0.78
08/13/2021	14:59:09	78797.13	394738.80	38.66	Soil	11,460	0.20
08/13/2021	14:59:10	78797.09	394738.93	38.62	Soil	11,640	0.33
08/13/2021	14:59:11	78796.99	394739.38	38.63	Soil	10,080	-0.75
08/13/2021	14:59:12	78796.68	394739.46	38.61	Soil	9,900	-0.88
08/13/2021	14:59:13	78796.62	394739.58	38.64	Soil	11,580	0.28
08/13/2021	14:59:14	78796.60	394739.76	38.60	Soil	10,620	-0.38
08/13/2021	14:59:15	78796.46	394740.08	38.60	Soil	11,520	0.24
08/13/2021	14:59:16	78796.16	394740.09	38.58	Soil	11,100	-0.05
08/13/2021	14:59:17	78796.10	394740.44	38.56	Soil	10,980	-0.13
08/13/2021	14:59:18	78795.88	394740.51	38.57	Soil	11,460	0.20
08/13/2021	14:59:19	78795.82	394740.59	38.63	Soil	9,960	-0.84
08/13/2021	14:59:20	78795.80	394740.79	38.59	Soil	11,640	0.33
08/13/2021	14:59:21	78795.62	394740.86	38.57	Soil	10,980	-0.13
08/13/2021	14:59:22	78795.45	394740.88	38.56	Soil	10,080	-0.75
08/13/2021	14:59:23	78795.39	394740.96	38.55	Soil	11,640	0.33
08/13/2021	14:59:24	78795.39	394740.97	38.59	Soil	11,400	0.16
08/13/2021	14:59:25	78795.37	394741.03	38.49	Soil	9,300	-1.29
08/13/2021	14:59:26	78795.20	394741.23	38.49	Soil	11,400	0.16
08/13/2021	14:59:27	78794.99	394741.15	38.49	Soil	10,440	-0.50
08/13/2021	14:59:28	78794.97	394741.18	38.51	Soil	9,660	-1.04
08/13/2021	14:59:29	78794.96	394741.28	38.37	Soil	12,060	0.62
08/13/2021	14:59:30	78794.80	394741.51	38.37	Soil	10,080	-0.75
08/13/2021	14:59:31	78794.48	394741.44	38.43	Soil	10,980	-0.13
08/13/2021	14:59:32	78794.43	394741.65	38.36	Soil	10,440	-0.50
08/13/2021	14:59:33	78794.37	394741.86	38.47	Soil	12,780	1.11
08/13/2021	14:59:34	78794.15	394741.84	38.42	Soil	12,300	0.78
08/13/2021	14:59:35	78794.01	394742.18	38.44	Soil	10,260	-0.63
08/13/2021	14:59:36	78793.72	394742.26	38.47	Soil	11,580	0.28
08/13/2021	14:59:37	78793.61	394742.52	38.42	Soil	10,380	-0.54
08/13/2021	14:59:38	78793.34	394742.67	38.36	Soil	12,540	0.95
08/13/2021	14:59:39	78793.01	394742.90	38.31	Soil	10,440	-0.50
08/13/2021	14:59:40	78792.75	394742.91	38.28	Soil	10,320	-0.59
08/13/2021	14:59:41	78792.52	394743.00	38.22	Soil	10,500	-0.46
08/13/2021	14:59:42	78792.26	394743.19	38.15	Soil	10,440	-0.50
08/13/2021	14:59:43	78792.05	394743.17	38.03	Soil	10,680	-0.34
08/13/2021	14:59:44	78791.78	394743.57	38.03	Soil	10,380	-0.54
08/13/2021	14:59:45	78791.51	394743.56	38.04	Soil	10,980	-0.13
08/13/2021	14:59:46	78791.47	394743.53	38.04	Soil	10,560	-0.42
08/13/2021	14:59:47	78791.47	394743.53	38.14	Soil	13,020	1.28
08/13/2021	14:59:48	78791.47	394743.68	38.06	Soil	12,600	0.99
08/13/2021	14:59:49	78791.39	394744.14	38.05	Soil	10,740	-0.30
08/13/2021	14:59:50	78790.96	394744.14	38.06	Soil	12,240	0.74
08/13/2021	14:59:51	78790.93	394744.20	38.06	Soil	11,700	0.37
08/13/2021	14:59:52	78790.93	394744.21	38.06	Soil	11,220	0.04
08/13/2021	14:59:53	78790.91	394744.24	38.10	Soil	11,880	0.49

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08/13/2021	14:59:54	78790.92	394744.40	38.04	Soil	11,820	0.45
08/13/2021	14:59:55	78790.79	394744.51	38.03	Soil	10,380	-0.54
08/13/2021	14:59:57	78790.55	394744.88	38.13	Soil	11,400	0.16
08/13/2021	14:59:58	78790.38	394745.18	38.16	Soil	10,860	-0.21
08/13/2021	14:59:59	78790.15	394745.13	38.17	Soil	11,580	0.28
08/13/2021	15:00:00	78790.24	394745.11	38.18	Soil	11,700	0.37
08/13/2021	15:00:01	78790.26	394745.14	38.19	Soil	11,280	0.08
08/13/2021	15:00:02	78790.27	394745.30	38.16	Soil	12,420	0.87
08/13/2021	15:00:03	78790.27	394745.71	38.05	Soil	9,480	-1.17
08/13/2021	15:00:04	78789.86	394745.73	38.09	Soil	10,500	-0.46
08/13/2021	15:00:06	78789.95	394745.88	38.33	Soil	10,980	-0.13
08/13/2021	15:00:07	78790.25	394746.48	38.36	Soil	12,360	0.82
08/13/2021	15:00:08	78790.05	394746.67	38.38	Soil	12,660	1.03
08/13/2021	15:00:09	78789.98	394746.78	38.39	Soil	11,820	0.45
08/13/2021	15:00:10	78789.93	394746.73	38.36	Soil	11,400	0.16
08/13/2021	15:00:11	78789.89	394746.76	38.35	Soil	12,060	0.62
08/13/2021	15:00:12	78789.82	394746.91	38.28	Soil	9,780	-0.96
08/13/2021	15:00:13	78789.69	394747.02	38.33	Soil	12,300	0.78
08/13/2021	15:00:14	78789.68	394747.07	38.30	Soil	12,240	0.74
08/13/2021	15:00:15	78789.83	394747.22	38.29	Soil	12,660	1.03
08/13/2021	15:00:16	78789.67	394747.66	38.37	Soil	12,420	0.87
08/13/2021	15:00:17	78789.52	394748.18	38.40	Soil	10,920	-0.17
08/13/2021	15:00:18	78789.22	394748.30	38.45	Soil	10,860	-0.21
08/13/2021	15:00:19	78789.18	394748.76	38.46	Soil	12,360	0.82
08/13/2021	15:00:20	78789.02	394748.76	38.44	Soil	12,720	1.07
08/13/2021	15:00:21	78788.93	394748.77	38.32	Soil	10,980	-0.13
08/13/2021	15:00:22	78789.10	394748.59	38.23	Soil	11,160	-0.01
08/13/2021	15:00:23	78789.09	394748.29	38.23	Soil	12,240	0.74
08/13/2021	15:00:24	78789.07	394748.05	38.24	Soil	11,640	0.33
08/13/2021	15:00:25	78789.04	394748.02	38.25	Soil	11,220	0.04
08/13/2021	15:00:26	78789.04	394748.06	38.20	Soil	11,460	0.20
08/13/2021	15:00:27	78789.02	394748.05	37.94	Soil	11,340	0.12
08/13/2021	15:00:28	78789.06	394747.79	37.97	Soil	13,260	1.45
08/13/2021	15:00:29	78789.16	394747.30	38.01	Soil	11,100	-0.05
08/13/2021	15:00:30	78788.99	394747.20	38.03	Soil	12,540	0.95
08/13/2021	15:00:31	78788.95	394747.21	38.04	Soil	12,420	0.87
08/13/2021	15:00:32	78788.93	394747.23	38.15	Soil	9,480	-1.17
08/13/2021	15:00:33	78789.05	394747.29	38.23	Soil	11,160	-0.01
08/13/2021	15:00:34	78789.47	394747.41	38.24	Soil	11,400	0.16
08/13/2021	15:00:35	78789.45	394747.35	38.26	Soil	11,220	0.04
08/13/2021	15:00:36	78789.42	394747.38	38.27	Soil	12,000	0.58
08/13/2021	15:00:37	78789.42	394747.46	38.27	Soil	11,160	-0.01
08/13/2021	15:00:38	78789.41	394747.40	38.22	Soil	12,180	0.70
08/13/2021	15:00:39	78789.32	394747.60	38.30	Soil	11,520	0.24
08/13/2021	15:00:40	78789.21	394747.91	38.30	Soil	11,820	0.45
08/13/2021	15:00:41	78789.05	394748.28	38.37	Soil	12,120	0.66
08/13/2021	15:00:42	78789.05	394748.27	38.38	Soil	10,680	-0.34
08/13/2021	15:00:43	78789.07	394748.17	38.36	Soil	10,920	-0.17
08/13/2021	15:00:44	78789.07	394748.16	38.35	Soil	12,060	0.62
08/13/2021	15:00:45	78789.06	394748.16	38.33	Soil	12,420	0.87
08/13/2021	15:00:46	78789.08	394748.16	38.43	Soil	12,780	1.11

SU 7C GWS RESULTS

08/13/2021	15:00:47	78789.18	394748.17	38.52	Soil	13,020	1.28
08/13/2021	15:00:48	78789.52	394748.16	38.49	Soil	11,400	0.16
08/13/2021	15:00:49	78789.58	394748.22	38.47	Soil	11,460	0.20
08/13/2021	15:00:50	78789.53	394747.97	38.48	Soil	11,280	0.08
08/13/2021	15:00:51	78789.49	394747.93	38.48	Soil	10,080	-0.75
08/13/2021	15:00:52	78789.37	394747.92	38.46	Soil	10,080	-0.75
08/13/2021	15:00:53	78789.48	394747.70	38.47	Soil	11,640	0.33
08/13/2021	15:00:54	78789.52	394747.57	38.33	Soil	11,940	0.53
08/13/2021	15:00:55	78789.53	394747.52	38.31	Soil	10,800	-0.25
08/13/2021	15:00:56	78789.24	394747.57	38.30	Soil	12,900	1.20
08/13/2021	15:00:57	78789.01	394747.62	38.31	Soil	12,360	0.82
08/13/2021	15:00:58	78788.96	394747.69	38.30	Soil	11,100	-0.05
08/13/2021	15:00:59	78788.99	394747.58	38.33	Soil	10,980	-0.13
08/13/2021	15:01:00	78789.00	394747.53	38.25	Soil	10,620	-0.38
08/13/2021	15:01:01	78789.01	394747.49	38.31	Soil	11,880	0.49
08/13/2021	15:01:02	78788.81	394747.97	38.32	Soil	11,820	0.45
08/13/2021	15:01:03	78788.92	394748.19	38.31	Soil	12,120	0.66
08/13/2021	15:01:04	78788.81	394748.10	38.30	Soil	11,640	0.33
08/13/2021	15:01:05	78788.80	394748.14	38.30	Soil	12,240	0.74
08/13/2021	15:01:06	78788.81	394748.11	38.31	Soil	11,520	0.24
08/13/2021	15:01:07	78788.79	394748.13	38.30	Soil	12,720	1.07
08/13/2021	15:01:08	78788.83	394748.01	38.32	Soil	10,440	-0.50
08/13/2021	15:01:09	78789.04	394747.64	38.33	Soil	11,520	0.24
08/13/2021	15:01:10	78789.21	394747.43	38.33	Soil	9,420	-1.21
08/13/2021	15:01:11	78789.19	394747.19	38.32	Soil	11,400	0.16
08/13/2021	15:01:12	78789.21	394747.14	38.32	Soil	11,040	-0.09
08/13/2021	15:01:13	78789.22	394747.16	38.31	Soil	10,920	-0.17
08/13/2021	15:01:14	78789.22	394747.17	38.29	Soil	11,520	0.24
08/13/2021	15:01:15	78789.23	394747.16	38.35	Soil	10,260	-0.63
08/13/2021	15:01:16	78789.29	394747.02	38.45	Soil	11,520	0.24
08/13/2021	15:01:17	78789.59	394746.74	38.44	Soil	11,160	-0.01
08/13/2021	15:01:18	78789.61	394746.54	38.44	Soil	10,980	-0.13
08/13/2021	15:01:19	78789.69	394746.45	38.41	Soil	11,400	0.16
08/13/2021	15:01:20	78789.63	394746.47	38.40	Soil	9,240	-1.33
08/13/2021	15:01:21	78789.64	394746.45	38.39	Soil	11,700	0.37
08/13/2021	15:01:22	78789.53	394746.52	38.37	Soil	12,660	1.03
08/13/2021	15:01:23	78789.50	394746.56	38.34	Soil	11,460	0.20
08/13/2021	15:01:24	78789.53	394746.51	38.32	Soil	9,960	-0.84
08/13/2021	15:01:25	78789.67	394746.33	38.30	Soil	12,000	0.58
08/13/2021	15:01:26	78789.69	394746.15	38.30	Soil	10,800	-0.25
08/13/2021	15:01:27	78789.60	394746.09	38.25	Soil	10,140	-0.71
08/13/2021	15:01:28	78789.87	394746.04	38.34	Soil	11,760	0.41
08/13/2021	15:01:29	78790.16	394745.96	38.38	Soil	12,120	0.66
08/13/2021	15:01:30	78790.31	394745.90	38.48	Soil	12,180	0.70
08/13/2021	15:01:31	78790.29	394746.01	38.47	Soil	10,500	-0.46
08/13/2021	15:01:32	78790.15	394746.09	38.52	Soil	11,460	0.20
08/13/2021	15:01:33	78790.07	394746.00	38.59	Soil	11,340	0.12
08/13/2021	15:01:34	78790.28	394746.13	38.51	Soil	10,860	-0.21
08/13/2021	15:01:35	78790.21	394746.25	38.51	Soil	10,680	-0.34
08/13/2021	15:01:36	78790.00	394746.37	38.50	Soil	10,200	-0.67
08/13/2021	15:01:37	78790.04	394746.40	38.50	Soil	11,280	0.08

SU 7C GWS RESULTS

08/13/2021	15:01:38	78790.02	394746.38	38.56	Soil	13,320	1.49
08/13/2021	15:01:39	78790.04	394746.44	38.55	Soil	10,560	-0.42
08/13/2021	15:01:40	78790.17	394746.70	38.52	Soil	10,320	-0.59
08/13/2021	15:01:41	78790.06	394746.83	38.55	Soil	10,080	-0.75
08/13/2021	15:01:42	78790.06	394746.85	38.52	Soil	9,060	-1.46
08/13/2021	15:01:43	78790.27	394746.71	38.45	Soil	10,920	-0.17
08/13/2021	15:01:44	78790.23	394746.70	38.41	Soil	11,100	-0.05
08/13/2021	15:01:45	78790.11	394746.24	38.42	Soil	10,680	-0.34
08/13/2021	15:01:46	78790.17	394746.12	38.39	Soil	11,160	-0.01
08/13/2021	15:01:47	78790.17	394746.12	38.36	Soil	8,640	-1.75
08/13/2021	15:01:48	78790.19	394745.96	38.35	Soil	10,560	-0.42
08/13/2021	15:01:49	78790.06	394745.76	38.34	Soil	11,220	0.04
08/13/2021	15:01:50	78790.26	394745.56	38.34	Soil	11,400	0.16
08/13/2021	15:01:51	78790.23	394745.37	38.29	Soil	9,180	-1.37
08/13/2021	15:01:52	78790.27	394745.24	38.39	Soil	11,280	0.08
08/13/2021	15:01:53	78790.69	394745.08	38.32	Soil	10,800	-0.25
08/13/2021	15:01:54	78790.73	394744.91	38.36	Soil	11,280	0.08
08/13/2021	15:01:55	78790.56	394744.72	38.37	Soil	12,360	0.82
08/13/2021	15:01:56	78790.67	394744.72	38.36	Soil	12,060	0.62
08/13/2021	15:01:57	78790.64	394744.75	38.38	Soil	11,820	0.45
08/13/2021	15:01:58	78790.62	394744.78	38.50	Soil	11,040	-0.09
08/13/2021	15:01:59	78790.70	394744.96	38.59	Soil	10,560	-0.42
08/13/2021	15:02:00	78791.01	394745.18	38.57	Soil	12,720	1.07
08/13/2021	15:02:01	78791.16	394744.92	38.54	Soil	11,820	0.45
08/13/2021	15:02:02	78791.03	394744.97	38.55	Soil	12,000	0.58
08/13/2021	15:02:03	78791.02	394745.18	38.52	Soil	11,100	-0.05
08/13/2021	15:02:04	78791.00	394745.22	38.52	Soil	10,680	-0.34
08/13/2021	15:02:05	78790.69	394745.13	38.50	Soil	10,440	-0.50
08/13/2021	15:02:06	78790.66	394745.19	38.49	Soil	10,200	-0.67
08/13/2021	15:02:07	78790.64	394745.12	38.53	Soil	10,740	-0.30
08/13/2021	15:02:08	78790.64	394745.26	38.52	Soil	10,800	-0.25
08/13/2021	15:02:09	78790.66	394745.62	38.44	Soil	10,680	-0.34
08/13/2021	15:02:10	78790.44	394745.69	38.51	Soil	12,720	1.07
08/13/2021	15:02:11	78790.37	394745.77	38.53	Soil	10,740	-0.30
08/13/2021	15:02:12	78790.55	394745.93	38.50	Soil	10,260	-0.63
08/13/2021	15:02:13	78790.43	394745.97	38.55	Soil	11,280	0.08
08/13/2021	15:02:14	78790.42	394746.13	38.49	Soil	11,460	0.20
08/13/2021	15:02:15	78790.48	394746.29	38.54	Soil	9,960	-0.84
08/13/2021	15:02:16	78790.39	394746.31	38.54	Soil	11,640	0.33
08/13/2021	15:02:17	78790.61	394745.99	38.54	Soil	11,340	0.12
08/13/2021	15:02:18	78790.81	394745.86	38.55	Soil	10,740	-0.30
08/13/2021	15:02:19	78790.76	394745.58	38.53	Soil	11,700	0.37
08/13/2021	15:02:20	78790.90	394745.41	38.53	Soil	11,940	0.53
08/13/2021	15:02:21	78790.92	394745.17	38.48	Soil	10,740	-0.30
08/13/2021	15:02:22	78791.02	394744.93	38.40	Soil	12,240	0.74
08/13/2021	15:02:23	78790.87	394744.72	38.40	Soil	10,740	-0.30
08/13/2021	15:02:24	78790.85	394744.50	38.39	Soil	11,160	-0.01
08/13/2021	15:02:25	78790.94	394744.45	38.42	Soil	10,980	-0.13
08/13/2021	15:02:26	78791.18	394744.31	38.37	Soil	10,500	-0.46
08/13/2021	15:02:27	78791.16	394744.23	38.38	Soil	12,720	1.07
08/13/2021	15:02:28	78791.15	394744.20	38.39	Soil	11,400	0.16

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08/13/2021	15:02:29	78791.12	394744.15	38.40	Soil	11,640	0.33
08/13/2021	15:02:30	78791.12	394744.14	38.52	Soil	11,520	0.24
08/13/2021	15:02:31	78791.48	394744.12	38.52	Soil	10,620	-0.38
08/13/2021	15:02:32	78791.61	394744.01	38.51	Soil	11,160	-0.01
08/13/2021	15:02:33	78791.58	394743.97	38.56	Soil	10,920	-0.17
08/13/2021	15:02:34	78791.73	394743.86	38.49	Soil	10,740	-0.30
08/13/2021	15:02:35	78791.80	394743.67	38.49	Soil	12,000	0.58
08/13/2021	15:02:36	78791.68	394743.50	38.59	Soil	9,720	-1.00
08/13/2021	15:02:37	78791.84	394743.51	38.60	Soil	11,340	0.12
08/13/2021	15:02:38	78792.09	394743.52	38.55	Soil	11,280	0.08
08/13/2021	15:02:39	78792.12	394743.42	38.56	Soil	10,920	-0.17
08/13/2021	15:02:40	78791.91	394743.57	38.52	Soil	12,840	1.16
08/13/2021	15:02:41	78791.87	394743.88	38.46	Soil	9,780	-0.96
08/13/2021	15:02:42	78791.69	394743.82	38.44	Soil	12,300	0.78
08/13/2021	15:02:43	78791.49	394743.75	38.40	Soil	10,740	-0.30
08/13/2021	15:02:44	78791.49	394743.79	38.44	Soil	10,800	-0.25
08/13/2021	15:02:45	78791.48	394743.83	38.31	Soil	9,600	-1.08
08/13/2021	15:02:46	78791.30	394744.26	38.29	Soil	11,700	0.37
08/13/2021	15:02:47	78790.99	394744.19	38.30	Soil	11,100	-0.05
08/13/2021	15:02:48	78790.97	394744.21	38.27	Soil	11,940	0.53
08/13/2021	15:02:49	78791.03	394744.26	38.50	Soil	11,280	0.08
08/13/2021	15:02:50	78791.04	394744.48	38.43	Soil	10,920	-0.17
08/13/2021	15:02:51	78791.11	394744.86	38.41	Soil	12,420	0.87
08/13/2021	15:02:52	78790.90	394744.94	38.48	Soil	10,260	-0.63
08/13/2021	15:02:53	78790.98	394745.01	38.46	Soil	12,840	1.16
08/13/2021	15:02:54	78791.18	394744.97	38.49	Soil	11,100	-0.05
08/13/2021	15:02:55	78791.21	394744.76	38.46	Soil	11,040	-0.09
08/13/2021	15:02:56	78791.41	394744.91	38.45	Soil	11,160	-0.01
08/13/2021	15:02:57	78791.41	394745.08	38.46	Soil	10,920	-0.17
08/13/2021	15:02:58	78791.52	394744.73	38.44	Soil	9,180	-1.37
08/13/2021	15:02:59	78791.73	394744.60	38.44	Soil	11,160	-0.01
08/13/2021	15:03:00	78791.75	394744.31	38.37	Soil	9,840	-0.92
08/13/2021	15:03:01	78791.75	394744.09	38.32	Soil	11,460	0.20
08/13/2021	15:03:02	78791.71	394743.84	38.28	Soil	12,000	0.58
08/13/2021	15:03:03	78791.57	394743.67	38.15	Soil	8,340	-1.96
08/13/2021	15:03:04	78791.73	394743.42	38.14	Soil	10,740	-0.30
08/13/2021	15:03:09	78792.18	394743.28	38.38	Soil	11,040	-0.09
08/13/2021	15:03:10	78792.26	394743.09	38.39	Soil	9,840	-0.92
08/13/2021	15:03:11	78792.26	394743.06	38.45	Soil	10,020	-0.79
08/13/2021	15:03:12	78792.31	394743.09	38.47	Soil	11,160	-0.01
08/13/2021	15:03:13	78792.18	394743.20	38.48	Soil	11,100	-0.05
08/13/2021	15:03:14	78791.98	394743.32	38.34	Soil	11,400	0.16
08/13/2021	15:03:15	78792.00	394743.44	38.35	Soil	10,740	-0.30
08/13/2021	15:03:16	78791.79	394743.33	38.36	Soil	9,780	-0.96
08/13/2021	15:03:17	78791.68	394743.31	38.36	Soil	10,620	-0.38
08/13/2021	15:03:18	78791.73	394743.32	38.36	Soil	10,680	-0.34
08/13/2021	15:03:19	78791.75	394743.31	38.48	Soil	10,080	-0.75
08/13/2021	15:03:20	78792.01	394743.35	38.48	Soil	10,860	-0.21
08/13/2021	15:03:21	78792.24	394743.18	38.48	Soil	10,380	-0.54
08/13/2021	15:03:22	78792.34	394743.12	38.39	Soil	10,020	-0.79
08/13/2021	15:03:23	78792.35	394743.08	38.35	Soil	10,140	-0.71

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08/13/2021	15:03:24	78792.55	394742.93	38.34	Soil	11,880	0.49
08/13/2021	15:03:25	78792.35	394742.78	38.35	Soil	11,640	0.33
08/13/2021	15:03:26	78792.23	394742.81	38.36	Soil	11,700	0.37
08/13/2021	15:03:27	78792.15	394743.06	38.33	Soil	9,960	-0.84
08/13/2021	15:03:28	78792.12	394743.08	38.31	Soil	9,360	-1.25
08/13/2021	15:03:29	78792.13	394743.06	38.30	Soil	10,740	-0.30
08/13/2021	15:03:30	78791.96	394743.04	38.30	Soil	10,500	-0.46
08/13/2021	15:03:31	78791.84	394743.04	38.31	Soil	11,400	0.16
08/13/2021	15:03:32	78791.82	394743.01	38.39	Soil	10,620	-0.38
08/13/2021	15:03:33	78792.16	394742.99	38.47	Soil	10,200	-0.67
08/13/2021	15:03:34	78792.47	394742.88	38.53	Soil	12,120	0.66
08/13/2021	15:03:35	78792.73	394743.02	38.54	Soil	11,580	0.28
08/13/2021	15:03:36	78792.77	394742.82	38.53	Soil	10,080	-0.75
08/13/2021	15:03:37	78792.79	394742.86	38.53	Soil	11,700	0.37
08/13/2021	15:03:38	78792.78	394742.87	38.51	Soil	10,140	-0.71
08/13/2021	15:03:39	78792.76	394742.91	38.49	Soil	9,960	-0.84
08/13/2021	15:03:40	78792.79	394742.92	38.48	Soil	10,020	-0.79
08/13/2021	15:03:41	78792.79	394742.90	38.47	Soil	12,360	0.82
08/13/2021	15:03:42	78792.78	394742.90	38.46	Soil	12,360	0.82
08/13/2021	15:03:43	78792.79	394742.90	38.49	Soil	11,100	-0.05
08/13/2021	15:03:44	78792.81	394742.93	38.52	Soil	10,080	-0.75
08/13/2021	15:03:45	78792.99	394743.12	38.56	Soil	12,300	0.78
08/13/2021	15:03:46	78793.17	394742.96	38.59	Soil	11,700	0.37
08/13/2021	15:03:47	78793.31	394742.78	38.61	Soil	10,560	-0.42
08/13/2021	15:03:48	78793.55	394742.78	38.60	Soil	8,340	-1.96
08/13/2021	15:03:49	78793.56	394742.65	38.62	Soil	10,620	-0.38
08/13/2021	15:03:50	78793.53	394742.58	38.62	Soil	10,080	-0.75
08/13/2021	15:03:51	78793.56	394742.61	38.61	Soil	10,020	-0.79
08/13/2021	15:03:52	78793.54	394742.60	38.62	Soil	10,860	-0.21
08/13/2021	15:03:53	78793.55	394742.58	38.61	Soil	10,200	-0.67
08/13/2021	15:03:54	78793.65	394742.63	38.59	Soil	11,100	-0.05
08/13/2021	15:03:55	78793.45	394742.53	38.54	Soil	12,000	0.58
08/13/2021	15:03:56	78793.36	394742.45	38.52	Soil	9,900	-0.88
08/13/2021	15:03:57	78793.30	394742.39	38.49	Soil	10,800	-0.25
08/13/2021	15:03:58	78793.31	394742.23	38.48	Soil	9,360	-1.25
08/13/2021	15:03:59	78793.26	394742.21	38.46	Soil	11,340	0.12
08/13/2021	15:04:00	78793.10	394742.31	38.49	Soil	11,280	0.08
08/13/2021	15:04:01	78793.15	394742.25	38.52	Soil	11,040	-0.09
08/13/2021	15:04:02	78793.30	394742.19	38.50	Soil	12,240	0.74
08/13/2021	15:04:03	78793.30	394742.26	38.46	Soil	10,620	-0.38
08/13/2021	15:04:04	78793.56	394742.00	38.33	Soil	12,780	1.11
08/13/2021	15:04:05	78793.46	394742.00	38.07	Soil	11,880	0.49
08/13/2021	15:04:06	78793.13	394742.31	38.08	Soil	12,120	0.66
08/13/2021	15:04:07	78792.96	394741.92	38.01	Soil	12,060	0.62
08/13/2021	15:04:08	78793.03	394741.82	37.97	Soil	11,700	0.37
08/13/2021	15:04:09	78793.06	394741.70	37.99	Soil	12,240	0.74
08/13/2021	15:04:10	78792.83	394741.87	37.97	Soil	12,600	0.99
08/13/2021	15:04:11	78792.71	394742.14	37.97	Soil	11,700	0.37
08/13/2021	15:04:12	78792.65	394742.12	37.92	Soil	10,680	-0.34
08/13/2021	15:04:15	78792.03	394742.93	38.14	Soil	10,020	-0.79
08/13/2021	15:04:19	78792.27	394743.01	38.37	Soil	10,440	-0.50

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08/13/2021	15:04:20	78792.25	394743.23	38.39	Soil	10,620	-0.38
08/13/2021	15:04:21	78792.60	394742.91	38.33	Soil	11,280	0.08
08/13/2021	15:04:22	78792.81	394742.92	38.33	Soil	10,920	-0.17
08/13/2021	15:04:23	78792.91	394742.57	38.32	Soil	12,420	0.87
08/13/2021	15:04:24	78792.93	394742.49	38.29	Soil	11,040	-0.09
08/13/2021	15:04:25	78792.92	394742.47	38.32	Soil	11,820	0.45
08/13/2021	15:04:26	78793.02	394742.40	38.34	Soil	12,420	0.87
08/13/2021	15:04:27	78792.78	394742.57	38.34	Soil	11,580	0.28
08/13/2021	15:04:28	78792.63	394742.81	38.26	Soil	11,100	-0.05
08/13/2021	15:04:29	78792.54	394742.69	38.26	Soil	11,340	0.12
08/13/2021	15:04:30	78792.47	394742.59	38.28	Soil	11,640	0.33
08/13/2021	15:04:31	78792.47	394742.59	38.28	Soil	12,060	0.62
08/13/2021	15:04:32	78792.45	394742.54	38.39	Soil	10,980	-0.13
08/13/2021	15:04:33	78792.59	394742.66	38.44	Soil	10,200	-0.67
08/13/2021	15:04:34	78792.88	394742.81	38.51	Soil	12,720	1.07
08/13/2021	15:04:35	78793.07	394742.67	38.56	Soil	10,080	-0.75
08/13/2021	15:04:36	78793.41	394742.70	38.57	Soil	10,800	-0.25
08/13/2021	15:04:37	78793.42	394742.51	38.54	Soil	11,700	0.37
08/13/2021	15:04:38	78793.71	394742.39	38.53	Soil	10,620	-0.38
08/13/2021	15:04:39	78793.85	394742.23	38.54	Soil	10,020	-0.79
08/13/2021	15:04:40	78793.94	394742.09	38.49	Soil	10,620	-0.38
08/13/2021	15:04:41	78794.24	394741.96	38.51	Soil	11,220	0.04
08/13/2021	15:04:42	78794.09	394741.75	38.52	Soil	11,040	-0.09
08/13/2021	15:04:43	78794.11	394741.73	38.53	Soil	10,560	-0.42
08/13/2021	15:04:44	78794.07	394741.70	38.53	Soil	11,340	0.12
08/13/2021	15:04:45	78794.06	394741.69	38.54	Soil	9,060	-1.46
08/13/2021	15:04:46	78794.06	394741.70	38.53	Soil	11,340	0.12
08/13/2021	15:04:47	78794.08	394741.71	38.56	Soil	11,400	0.16
08/13/2021	15:04:48	78794.31	394741.70	38.55	Soil	10,500	-0.46
08/13/2021	15:04:49	78794.39	394741.82	38.50	Soil	9,720	-1.00
08/13/2021	15:04:50	78794.71	394741.50	38.35	Soil	10,620	-0.38
08/13/2021	15:04:51	78794.57	394741.23	38.51	Soil	10,920	-0.17
08/13/2021	15:04:52	78794.59	394741.08	38.54	Soil	10,620	-0.38
08/13/2021	15:04:53	78794.57	394741.25	38.54	Soil	10,080	-0.75
08/13/2021	15:04:54	78794.62	394741.26	38.54	Soil	10,740	-0.30
08/13/2021	15:04:55	78794.55	394741.27	38.49	Soil	10,800	-0.25
08/13/2021	15:04:56	78794.58	394741.23	38.29	Soil	10,980	-0.13
08/13/2021	15:04:57	78794.56	394741.03	38.23	Soil	10,560	-0.42
08/13/2021	15:04:58	78794.15	394740.76	38.22	Soil	10,800	-0.25
08/13/2021	15:04:59	78794.29	394740.62	38.20	Soil	9,900	-0.88
08/13/2021	15:05:00	78794.31	394740.43	38.22	Soil	10,500	-0.46
08/13/2021	15:05:01	78794.29	394740.41	38.10	Soil	10,740	-0.30
08/13/2021	15:05:02	78794.10	394740.72	38.07	Soil	9,480	-1.17
08/13/2021	15:05:03	78793.92	394740.68	38.06	Soil	11,100	-0.05
08/13/2021	15:05:04	78793.85	394740.78	38.09	Soil	10,560	-0.42
08/13/2021	15:05:05	78793.91	394741.24	38.08	Soil	10,500	-0.46
08/13/2021	15:05:06	78793.73	394741.26	38.13	Soil	12,000	0.58
08/13/2021	15:05:07	78793.39	394741.33	38.12	Soil	13,080	1.32
08/13/2021	15:05:08	78793.33	394741.73	38.21	Soil	10,140	-0.71
08/13/2021	15:05:09	78793.15	394741.69	38.18	Soil	10,860	-0.21
08/13/2021	15:05:10	78793.45	394741.58	38.17	Soil	11,220	0.04

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08/13/2021	15:05:11	78793.48	394741.64	38.15	Soil	9,780	-0.96
08/13/2021	15:05:12	78793.52	394741.80	38.11	Soil	10,320	-0.59
08/13/2021	15:05:13	78793.60	394741.87	38.18	Soil	12,000	0.58
08/13/2021	15:05:14	78793.78	394742.09	38.18	Soil	10,500	-0.46
08/13/2021	15:05:15	78793.70	394741.82	38.19	Soil	11,040	-0.09
08/13/2021	15:05:16	78793.65	394741.73	38.18	Soil	10,980	-0.13
08/13/2021	15:05:17	78793.61	394741.79	38.47	Soil	11,940	0.53
08/13/2021	15:05:18	78793.65	394742.30	38.39	Soil	8,580	-1.79
08/13/2021	15:05:19	78793.67	394742.41	38.46	Soil	13,860	1.86
08/13/2021	15:05:20	78793.41	394742.32	38.41	Soil	12,660	1.03
08/13/2021	15:05:21	78793.45	394742.42	38.38	Soil	9,840	-0.92
08/13/2021	15:05:22	78793.05	394742.53	38.34	Soil	11,520	0.24
08/13/2021	15:05:23	78792.90	394742.59	38.30	Soil	12,780	1.11
08/13/2021	15:05:24	78792.75	394742.71	38.43	Soil	11,340	0.12
08/13/2021	15:05:25	78792.77	394742.78	38.52	Soil	9,480	-1.17
08/13/2021	15:05:26	78793.09	394743.03	38.62	Soil	10,500	-0.46
08/13/2021	15:05:27	78793.64	394742.98	38.63	Soil	12,120	0.66
08/13/2021	15:05:28	78793.92	394742.80	38.58	Soil	10,740	-0.30
08/13/2021	15:05:29	78794.23	394742.45	38.60	Soil	9,180	-1.37
08/13/2021	15:05:30	78794.33	394742.18	38.57	Soil	10,080	-0.75
08/13/2021	15:05:31	78794.48	394742.09	38.51	Soil	10,440	-0.50
08/13/2021	15:05:32	78794.77	394741.89	38.61	Soil	11,100	-0.05
08/13/2021	15:05:33	78794.94	394741.62	38.69	Soil	10,860	-0.21
08/13/2021	15:05:34	78795.40	394741.67	38.68	Soil	11,580	0.28
08/13/2021	15:05:35	78795.64	394741.35	38.64	Soil	10,560	-0.42
08/13/2021	15:05:36	78795.86	394741.08	38.66	Soil	10,860	-0.21
08/13/2021	15:05:37	78796.04	394740.76	38.66	Soil	10,500	-0.46
08/13/2021	15:05:38	78796.37	394740.45	38.62	Soil	11,040	-0.09
08/13/2021	15:05:39	78796.42	394740.15	38.71	Soil	11,040	-0.09
08/13/2021	15:05:40	78796.77	394739.91	38.76	Soil	9,600	-1.08
08/13/2021	15:05:41	78797.12	394739.61	38.76	Soil	9,600	-1.08
08/13/2021	15:05:42	78797.54	394739.44	38.59	Soil	13,020	1.28
08/13/2021	15:05:43	78797.47	394739.12	38.54	Soil	10,260	-0.63
08/13/2021	15:05:44	78797.35	394738.83	38.54	Soil	10,800	-0.25
08/13/2021	15:05:45	78797.03	394738.60	38.56	Soil	10,020	-0.79
08/13/2021	15:05:46	78796.98	394738.41	38.55	Soil	10,800	-0.25
08/13/2021	15:05:47	78796.93	394738.65	38.53	Soil	10,980	-0.13
08/13/2021	15:05:48	78796.82	394738.58	38.54	Soil	12,000	0.58
08/13/2021	15:05:49	78796.62	394738.50	38.53	Soil	9,840	-0.92
08/13/2021	15:05:50	78796.56	394738.27	38.49	Soil	10,620	-0.38
08/13/2021	15:05:51	78796.39	394738.18	38.46	Soil	12,540	0.95
08/13/2021	15:05:55	78795.73	394738.23	38.35	Soil	9,900	-0.88
08/13/2021	15:05:56	78795.89	394738.46	38.36	Soil	12,600	0.99
08/13/2021	15:05:57	78795.92	394738.54	38.51	Soil	10,800	-0.25
08/13/2021	15:05:58	78795.99	394738.72	38.51	Soil	10,080	-0.75
08/13/2021	15:05:59	78796.31	394738.53	38.56	Soil	12,180	0.70
08/13/2021	15:06:00	78796.27	394738.83	38.54	Soil	11,460	0.20
08/13/2021	15:06:01	78796.57	394739.00	38.53	Soil	13,200	1.41
08/13/2021	15:06:02	78796.34	394739.16	38.53	Soil	11,040	-0.09
08/13/2021	15:06:03	78796.16	394739.25	38.57	Soil	11,340	0.12
08/13/2021	15:06:04	78796.07	394739.17	38.61	Soil	10,080	-0.75

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08/13/2021	15:06:05	78796.03	394738.97	38.63	Soil	11,700	0.37
08/13/2021	15:06:06	78795.82	394739.08	38.57	Soil	9,300	-1.29
08/13/2021	15:06:07	78795.75	394738.87	38.57	Soil	10,500	-0.46
08/13/2021	15:06:08	78795.45	394738.89	38.50	Soil	11,700	0.37
08/13/2021	15:06:09	78795.34	394738.67	38.53	Soil	11,460	0.20
08/13/2021	15:06:16	78795.71	394738.35	39.07	Soil	10,080	-0.75
08/13/2021	15:06:17	78796.01	394738.39	39.16	Soil	11,580	0.28
08/13/2021	15:06:18	78796.30	394738.25	39.24	Soil	10,380	-0.54
08/13/2021	15:06:19	78796.48	394738.37	39.28	Soil	9,480	-1.17
08/13/2021	15:06:20	78796.69	394738.26	39.29	Soil	10,680	-0.34
08/13/2021	15:06:21	78796.75	394738.49	39.30	Soil	10,200	-0.67
08/13/2021	15:06:22	78796.78	394738.63	39.26	Soil	7,680	-2.41
08/13/2021	15:06:23	78796.74	394738.59	39.29	Soil	10,500	-0.46
08/13/2021	15:06:24	78796.91	394738.90	39.28	Soil	11,940	0.53
08/13/2021	15:06:25	78796.81	394738.68	39.26	Soil	11,820	0.45
08/13/2021	15:06:26	78796.77	394738.64	39.26	Soil	9,660	-1.04
08/13/2021	15:06:27	78796.81	394738.86	39.25	Soil	12,000	0.58
08/13/2021	15:06:28	78796.67	394738.75	39.19	Soil	10,620	-0.38
08/13/2021	15:06:29	78796.57	394739.16	39.20	Soil	11,400	0.16
08/13/2021	15:06:30	78796.36	394738.96	39.20	Soil	11,040	-0.09
08/13/2021	15:06:31	78796.35	394738.99	39.17	Soil	10,920	-0.17
08/13/2021	15:06:32	78796.37	394738.89	39.29	Soil	10,680	-0.34
08/13/2021	15:06:33	78796.42	394738.92	39.33	Soil	13,380	1.53
08/13/2021	15:06:34	78796.10	394739.19	39.32	Soil	9,180	-1.37
08/13/2021	15:06:35	78796.03	394739.06	39.34	Soil	10,080	-0.75
08/13/2021	15:06:36	78795.79	394739.13	39.32	Soil	9,840	-0.92
08/13/2021	15:06:37	78795.65	394739.04	39.32	Soil	10,740	-0.30
08/13/2021	15:06:38	78795.53	394738.95	39.31	Soil	10,020	-0.79
08/13/2021	15:06:39	78795.27	394739.06	39.27	Soil	9,300	-1.29
08/13/2021	15:06:40	78795.25	394738.79	39.23	Soil	10,440	-0.50
08/13/2021	15:06:47	78794.84	394739.17	39.36	Soil	9,960	-0.84
08/13/2021	15:06:48	78794.87	394739.36	39.41	Soil	11,760	0.41
08/13/2021	15:06:49	78795.12	394739.19	39.50	Soil	11,520	0.24
08/13/2021	15:06:50	78794.99	394739.56	39.51	Soil	11,100	-0.05
08/13/2021	15:06:51	78795.30	394739.39	39.64	Soil	10,500	-0.46
08/13/2021	15:06:52	78795.26	394739.69	39.58	Soil	10,920	-0.17
08/13/2021	15:06:53	78795.47	394739.62	39.67	Soil	10,920	-0.17
08/13/2021	15:06:54	78795.11	394739.83	39.69	Soil	8,880	-1.58
08/13/2021	15:06:55	78795.05	394740.08	39.73	Soil	10,980	-0.13
08/13/2021	15:06:56	78795.08	394739.91	39.74	Soil	10,800	-0.25
08/13/2021	15:06:57	78794.87	394740.02	39.71	Soil	11,700	0.37
08/13/2021	15:06:58	78794.83	394739.76	39.69	Soil	9,960	-0.84
08/13/2021	15:06:59	78794.54	394739.88	39.56	Soil	10,980	-0.13
08/13/2021	15:07:00	78794.48	394739.69	39.50	Soil	11,640	0.33
08/13/2021	15:07:09	78794.09	394740.09	39.60	Soil	10,440	-0.50
08/13/2021	15:07:10	78794.07	394740.57	39.71	Soil	10,260	-0.63
08/13/2021	15:07:11	78794.37	394740.71	39.79	Soil	10,080	-0.75
08/13/2021	15:07:12	78794.59	394740.61	39.81	Soil	12,180	0.70
08/13/2021	15:07:13	78794.71	394740.62	39.89	Soil	10,080	-0.75
08/13/2021	15:07:14	78794.69	394740.49	39.93	Soil	10,800	-0.25
08/13/2021	15:07:15	78795.18	394740.54	39.95	Soil	11,700	0.37

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08/13/2021	15:07:16	78795.05	394740.25	39.96	Soil	9,180	-1.37
08/13/2021	15:07:17	78795.11	394740.26	39.89	Soil	11,220	0.04
08/13/2021	15:07:18	78795.27	394740.30	39.94	Soil	10,380	-0.54
08/13/2021	15:07:19	78795.53	394740.40	39.97	Soil	10,560	-0.42
08/13/2021	15:07:20	78795.36	394740.21	39.98	Soil	10,920	-0.17
08/13/2021	15:07:21	78795.10	394740.16	39.99	Soil	11,460	0.20
08/13/2021	15:07:22	78795.05	394740.18	39.99	Soil	11,040	-0.09
08/13/2021	15:07:23	78795.07	394740.13	39.98	Soil	11,340	0.12
08/13/2021	15:07:24	78795.63	394739.98	40.02	Soil	10,380	-0.54
08/13/2021	15:07:25	78795.44	394739.58	40.04	Soil	11,100	-0.05
08/13/2021	15:07:26	78795.33	394739.60	40.05	Soil	11,940	0.53
08/13/2021	15:07:27	78795.32	394739.68	40.05	Soil	9,960	-0.84
08/13/2021	15:07:28	78795.35	394739.69	40.03	Soil	11,820	0.45
08/13/2021	15:07:29	78795.42	394739.78	40.05	Soil	10,920	-0.17
08/13/2021	15:07:30	78795.51	394739.87	40.01	Soil	12,360	0.82
08/13/2021	15:07:31	78795.52	394739.69	40.02	Soil	10,020	-0.79
08/13/2021	15:07:32	78795.75	394739.59	40.04	Soil	9,840	-0.92
08/13/2021	15:07:33	78796.03	394739.53	40.04	Soil	11,820	0.45
08/13/2021	15:07:34	78795.83	394739.31	40.04	Soil	9,300	-1.29
08/13/2021	15:07:35	78795.88	394739.36	40.03	Soil	12,660	1.03
08/13/2021	15:07:36	78795.94	394739.41	40.16	Soil	10,920	-0.17
08/13/2021	15:07:37	78795.97	394739.40	40.17	Soil	9,840	-0.92
08/13/2021	15:07:38	78796.20	394739.85	40.17	Soil	9,480	-1.17
08/13/2021	15:07:39	78796.08	394739.79	40.16	Soil	10,740	-0.30
08/13/2021	15:07:40	78796.26	394739.70	40.19	Soil	10,740	-0.30
08/13/2021	15:07:41	78796.25	394739.63	40.19	Soil	10,380	-0.54
08/13/2021	15:07:42	78796.48	394739.31	40.24	Soil	12,420	0.87
08/13/2021	15:07:43	78796.71	394739.40	40.24	Soil	11,160	-0.01
08/13/2021	15:07:44	78796.71	394739.11	40.27	Soil	11,580	0.28
08/13/2021	15:07:45	78796.63	394739.11	40.31	Soil	12,000	0.58
08/13/2021	15:07:46	78796.67	394739.33	40.26	Soil	11,280	0.08
08/13/2021	15:07:47	78796.86	394739.25	40.34	Soil	11,880	0.49
08/13/2021	15:07:48	78796.62	394739.44	40.32	Soil	10,680	-0.34
08/13/2021	15:07:49	78796.78	394739.85	40.27	Soil	11,160	-0.01
08/13/2021	15:07:50	78796.50	394739.93	40.23	Soil	12,960	1.24
08/13/2021	15:07:51	78796.38	394740.31	40.23	Soil	12,300	0.78
08/13/2021	15:07:52	78796.11	394740.28	40.21	Soil	11,940	0.53
08/13/2021	15:07:53	78796.00	394740.55	40.18	Soil	12,300	0.78
08/13/2021	15:07:54	78795.81	394740.69	40.16	Soil	11,760	0.41
08/13/2021	15:07:55	78795.72	394740.67	40.11	Soil	10,440	-0.50
08/13/2021	15:07:56	78795.68	394740.90	40.11	Soil	10,320	-0.59
08/13/2021	15:07:57	78795.53	394740.68	40.09	Soil	11,100	-0.05
08/13/2021	15:07:58	78795.36	394740.77	40.08	Soil	13,200	1.41
08/13/2021	15:07:59	78795.39	394740.52	40.06	Soil	11,340	0.12
08/13/2021	15:08:00	78795.36	394740.46	40.07	Soil	11,280	0.08
08/13/2021	15:08:01	78795.04	394740.64	40.04	Soil	10,920	-0.17
08/13/2021	15:08:02	78795.05	394740.58	39.98	Soil	11,460	0.20
08/13/2021	15:08:03	78794.85	394740.77	39.98	Soil	10,080	-0.75
08/13/2021	15:08:04	78794.68	394740.89	39.96	Soil	10,920	-0.17
08/13/2021	15:08:05	78794.78	394740.70	40.03	Soil	9,420	-1.21
08/13/2021	15:08:06	78794.76	394741.10	40.07	Soil	10,560	-0.42

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08/13/2021	15:08:31	78791.89	394747.42	40.42	Soil	11,340	0.12
08/13/2021	15:08:32	78792.35	394747.48	40.52	Soil	11,940	0.53
08/13/2021	15:08:33	78792.76	394747.14	40.75	Soil	13,380	1.53
08/13/2021	15:08:34	78793.13	394747.23	40.91	Soil	10,980	-0.13
08/13/2021	15:08:35	78793.42	394746.76	41.05	Soil	9,960	-0.84
08/13/2021	15:08:36	78793.59	394746.89	41.17	Soil	11,580	0.28
08/13/2021	15:08:47	78792.45	394748.23	41.05	Soil	10,860	-0.21
08/13/2021	15:08:48	78792.37	394748.08	40.95	Soil	11,400	0.16
08/13/2021	15:08:49	78792.26	394747.85	40.86	Soil	12,360	0.82
08/13/2021	15:08:50	78792.04	394747.85	40.91	Soil	12,240	0.74
08/13/2021	15:08:51	78791.93	394747.66	40.83	Soil	10,920	-0.17
08/13/2021	15:08:52	78791.98	394747.61	40.70	Soil	12,480	0.91
08/13/2021	15:08:53	78791.90	394747.65	40.67	Soil	10,500	-0.46
08/13/2021	15:08:54	78791.53	394747.68	40.54	Soil	11,280	0.08
08/13/2021	15:08:55	78791.55	394747.51	40.44	Soil	10,860	-0.21
08/13/2021	15:08:56	78791.46	394747.35	40.35	Soil	12,480	0.91
08/13/2021	15:08:57	78791.23	394747.24	40.33	Soil	11,520	0.24
08/13/2021	15:08:58	78791.36	394746.93	40.33	Soil	9,480	-1.17
08/13/2021	15:08:59	78791.36	394746.63	40.35	Soil	12,000	0.58
08/13/2021	15:09:00	78791.63	394746.78	40.45	Soil	9,960	-0.84
08/13/2021	15:09:01	78791.88	394746.84	40.62	Soil	11,880	0.49
08/13/2021	15:09:02	78792.04	394747.17	40.57	Soil	10,860	-0.21
08/13/2021	15:09:03	78792.38	394746.97	40.69	Soil	10,560	-0.42
08/13/2021	15:09:04	78792.27	394747.38	40.79	Soil	11,520	0.24
08/13/2021	15:09:05	78792.76	394747.14	40.89	Soil	11,460	0.20
08/13/2021	15:09:06	78792.90	394747.33	41.13	Soil	10,920	-0.17
08/13/2021	15:09:07	78793.14	394747.62	41.28	Soil	11,460	0.20
08/13/2021	15:09:13	78793.81	394746.93	40.93	Soil	10,680	-0.34
08/13/2021	15:09:14	78793.49	394746.95	40.75	Soil	12,660	1.03
08/13/2021	15:09:15	78793.41	394746.81	40.68	Soil	13,320	1.49
08/13/2021	15:09:16	78793.05	394747.03	40.59	Soil	12,060	0.62
08/13/2021	15:09:17	78792.95	394746.84	40.34	Soil	11,220	0.04
08/13/2021	15:09:18	78792.97	394746.57	40.28	Soil	11,280	0.08
08/13/2021	15:09:19	78792.51	394746.70	39.95	Soil	11,880	0.49
08/13/2021	15:09:20	78792.42	394746.56	39.82	Soil	13,380	1.53
08/13/2021	15:09:21	78792.72	394746.29	39.85	Soil	11,160	-0.01
08/13/2021	15:09:22	78792.61	394746.12	39.79	Soil	11,160	-0.01
08/13/2021	15:09:23	78792.01	394745.99	39.73	Soil	12,000	0.58
08/13/2021	15:09:24	78792.19	394745.91	39.71	Soil	11,640	0.33
08/13/2021	15:09:25	78792.16	394745.44	39.69	Soil	11,160	-0.01
08/13/2021	15:09:26	78792.04	394745.56	39.80	Soil	11,700	0.37
08/13/2021	15:09:27	78792.21	394745.77	39.86	Soil	12,600	0.99
08/13/2021	15:09:28	78792.24	394746.13	40.08	Soil	11,940	0.53
08/13/2021	15:09:29	78792.68	394746.00	40.03	Soil	10,980	-0.13
08/13/2021	15:09:30	78792.58	394745.92	40.02	Soil	13,620	1.70
08/13/2021	15:09:31	78792.49	394745.80	40.05	Soil	11,700	0.37
08/13/2021	15:09:32	78792.53	394745.76	40.23	Soil	10,740	-0.30
08/13/2021	15:09:33	78792.78	394746.01	40.23	Soil	12,180	0.70
08/13/2021	15:09:34	78792.60	394746.41	40.45	Soil	11,820	0.45
08/13/2021	15:09:35	78793.11	394746.19	40.47	Soil	10,380	-0.54
08/13/2021	15:09:36	78793.45	394746.18	40.47	Soil	10,500	-0.46

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08/13/2021	15:09:37	78793.39	394746.15	40.45	Soil	10,320	-0.59
08/13/2021	15:09:38	78793.37	394746.12	40.45	Soil	10,320	-0.59
08/13/2021	15:09:39	78793.35	394746.12	40.44	Soil	10,920	-0.17
08/13/2021	15:09:40	78793.32	394746.12	40.44	Soil	11,400	0.16
08/13/2021	15:09:41	78793.28	394746.13	40.44	Soil	12,480	0.91
08/13/2021	15:09:42	78793.28	394746.12	40.43	Soil	10,380	-0.54
08/13/2021	15:09:43	78793.26	394746.13	40.43	Soil	10,140	-0.71
08/13/2021	15:09:44	78793.26	394746.14	40.43	Soil	11,520	0.24
08/13/2021	15:09:45	78793.24	394746.14	40.43	Soil	10,920	-0.17
08/13/2021	15:09:46	78793.24	394746.14	40.42	Soil	9,660	-1.04
08/13/2021	15:09:47	78793.26	394746.15	40.53	Soil	9,120	-1.42
08/13/2021	15:09:48	78793.31	394746.27	40.58	Soil	11,640	0.33
08/13/2021	15:09:49	78793.24	394746.56	40.72	Soil	11,220	0.04
08/13/2021	15:09:50	78793.71	394746.42	40.82	Soil	10,800	-0.25
08/13/2021	15:09:51	78793.87	394746.77	40.88	Soil	13,320	1.49
08/13/2021	15:09:52	78794.06	394746.72	40.90	Soil	8,760	-1.67
08/13/2021	15:09:53	78793.89	394746.82	40.88	Soil	10,020	-0.79
08/13/2021	15:09:59	78794.11	394746.52	40.90	Soil	11,040	-0.09
08/13/2021	15:10:00	78793.97	394746.42	40.90	Soil	10,620	-0.38
08/13/2021	15:10:01	78793.63	394746.50	40.74	Soil	10,140	-0.71
08/13/2021	15:10:02	78793.58	394746.35	40.67	Soil	10,920	-0.17
08/13/2021	15:10:03	78793.38	394746.29	40.56	Soil	11,820	0.45
08/13/2021	15:10:04	78793.17	394746.29	40.40	Soil	11,040	-0.09
08/13/2021	15:10:05	78793.35	394745.97	40.40	Soil	11,160	-0.01
08/13/2021	15:10:06	78792.93	394745.95	40.22	Soil	12,000	0.58
08/13/2021	15:10:07	78792.97	394745.66	40.12	Soil	10,620	-0.38
08/13/2021	15:10:08	78792.91	394745.48	39.91	Soil	11,760	0.41
08/13/2021	15:10:09	78792.41	394745.50	39.91	Soil	11,340	0.12
08/13/2021	15:10:10	78792.03	394745.33	39.91	Soil	10,500	-0.46
08/13/2021	15:10:11	78792.03	394745.11	39.96	Soil	11,940	0.53
08/13/2021	15:10:12	78791.99	394744.77	40.01	Soil	12,120	0.66
08/13/2021	15:10:13	78792.39	394744.59	40.05	Soil	11,280	0.08
08/13/2021	15:10:14	78792.71	394744.90	40.10	Soil	10,980	-0.13
08/13/2021	15:10:15	78793.28	394744.94	40.30	Soil	11,940	0.53
08/13/2021	15:10:16	78793.47	394745.48	40.32	Soil	10,620	-0.38
08/13/2021	15:10:17	78793.47	394745.74	40.32	Soil	12,540	0.95
08/13/2021	15:10:18	78793.61	394745.71	40.33	Soil	9,960	-0.84
08/13/2021	15:10:19	78793.43	394745.71	40.45	Soil	12,000	0.58
08/13/2021	15:10:20	78793.69	394745.64	40.63	Soil	12,360	0.82
08/13/2021	15:10:21	78793.70	394745.85	40.63	Soil	11,580	0.28
08/13/2021	15:10:22	78794.15	394745.82	40.84	Soil	11,280	0.08
08/13/2021	15:10:23	78794.13	394746.13	40.96	Soil	11,700	0.37
08/13/2021	15:10:24	78794.34	394746.36	41.07	Soil	11,100	-0.05
08/13/2021	15:10:29	78794.84	394745.90	40.95	Soil	11,580	0.28
08/13/2021	15:10:30	78794.72	394745.69	40.88	Soil	12,900	1.20
08/13/2021	15:10:31	78794.38	394745.75	40.83	Soil	12,300	0.78
08/13/2021	15:10:32	78794.45	394745.36	40.64	Soil	11,400	0.16
08/13/2021	15:10:33	78794.28	394745.31	40.50	Soil	10,440	-0.50
08/13/2021	15:10:34	78793.91	394745.35	40.50	Soil	12,780	1.11
08/13/2021	15:10:35	78793.83	394744.99	40.42	Soil	12,540	0.95
08/13/2021	15:10:36	78793.51	394745.03	40.39	Soil	11,220	0.04

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08/13/2021	15:10:37	78793.43	394744.98	40.31	Soil	10,140	-0.71
08/13/2021	15:10:38	78793.60	394744.64	40.28	Soil	10,560	-0.42
08/13/2021	15:10:39	78793.48	394744.50	40.30	Soil	11,220	0.04
08/13/2021	15:10:40	78793.60	394744.07	40.30	Soil	12,060	0.62
08/13/2021	15:10:41	78793.85	394744.08	40.27	Soil	10,680	-0.34
08/13/2021	15:10:42	78794.14	394743.97	40.35	Soil	12,600	0.99
08/13/2021	15:10:43	78794.11	394744.19	40.46	Soil	10,260	-0.63
08/13/2021	15:10:44	78794.31	394744.56	40.53	Soil	14,040	1.99
08/13/2021	15:10:45	78794.17	394744.75	40.63	Soil	11,400	0.16
08/13/2021	15:10:46	78794.72	394744.86	40.80	Soil	11,760	0.41
08/13/2021	15:10:47	78794.65	394745.23	40.80	Soil	11,280	0.08
08/13/2021	15:10:48	78794.78	394745.26	40.81	Soil	12,540	0.95
08/13/2021	15:10:49	78794.98	394745.12	40.99	Soil	10,980	-0.13
08/13/2021	15:10:50	78795.02	394745.63	41.15	Soil	10,500	-0.46
08/13/2021	15:10:57	78795.37	394745.36	40.66	Soil	12,120	0.66
08/13/2021	15:10:58	78795.50	394744.98	40.66	Soil	10,800	-0.25
08/13/2021	15:10:59	78795.12	394745.11	40.53	Soil	9,360	-1.25
08/13/2021	15:11:00	78795.07	394745.02	40.34	Soil	10,140	-0.71
08/13/2021	15:11:01	78795.22	394744.74	40.34	Soil	12,420	0.87
08/13/2021	15:11:02	78794.75	394744.70	40.02	Soil	12,480	0.91
08/13/2021	15:11:03	78794.87	394744.31	39.85	Soil	10,200	-0.67
08/13/2021	15:11:04	78794.57	394744.35	39.77	Soil	11,940	0.53
08/13/2021	15:11:05	78794.47	394744.10	39.68	Soil	11,040	-0.09
08/13/2021	15:11:06	78794.54	394743.82	39.65	Soil	10,140	-0.71
08/13/2021	15:11:07	78794.39	394743.70	39.66	Soil	10,260	-0.63
08/13/2021	15:11:08	78794.34	394743.35	39.66	Soil	9,420	-1.21
08/13/2021	15:11:09	78794.62	394743.48	39.64	Soil	11,700	0.37
08/13/2021	15:11:10	78794.99	394743.50	39.64	Soil	11,520	0.24
08/13/2021	15:11:11	78795.05	394743.84	39.82	Soil	11,460	0.20
08/13/2021	15:11:12	78795.21	394744.10	39.89	Soil	12,900	1.20
08/13/2021	15:11:13	78795.05	394744.36	39.94	Soil	11,460	0.20
08/13/2021	15:11:14	78795.40	394744.27	40.06	Soil	12,180	0.70
08/13/2021	15:11:15	78795.53	394744.58	40.05	Soil	10,980	-0.13
08/13/2021	15:11:16	78795.76	394744.79	40.01	Soil	11,460	0.20
08/13/2021	15:11:17	78795.70	394744.53	40.01	Soil	11,220	0.04
08/13/2021	15:11:18	78795.63	394744.43	39.96	Soil	12,960	1.24
08/13/2021	15:11:19	78795.40	394744.73	39.92	Soil	10,800	-0.25
08/13/2021	15:11:20	78795.05	394744.84	39.92	Soil	12,540	0.95
08/13/2021	15:11:21	78795.07	394744.74	39.91	Soil	11,400	0.16
08/13/2021	15:11:22	78794.93	394744.87	39.90	Soil	10,800	-0.25
08/13/2021	15:11:23	78794.89	394745.01	39.90	Soil	12,420	0.87
08/13/2021	15:11:24	78794.86	394744.83	39.85	Soil	11,340	0.12
08/13/2021	15:11:25	78794.80	394744.77	39.73	Soil	10,440	-0.50
08/13/2021	15:11:26	78794.74	394744.68	39.72	Soil	13,080	1.32
08/13/2021	15:11:27	78794.82	394744.59	39.72	Soil	11,160	-0.01
08/13/2021	15:11:27	78794.64	394744.86	39.67	Soil	9,660	-1.04
08/13/2021	15:11:29	78794.39	394745.07	39.59	Soil	12,600	0.99
08/13/2021	15:11:30	78794.23	394744.91	39.56	Soil	10,560	-0.42
08/13/2021	15:11:31	78794.28	394744.95	39.54	Soil	11,460	0.20
08/13/2021	15:11:32	78794.31	394744.89	39.58	Soil	11,640	0.33
08/13/2021	15:11:33	78794.33	394744.88	39.52	Soil	12,540	0.95

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08/13/2021	15:11:34	78794.47	394745.14	39.52	Soil	10,380	-0.54
08/13/2021	15:11:35	78794.09	394745.27	39.52	Soil	11,940	0.53
08/13/2021	15:11:36	78793.97	394745.25	39.51	Soil	13,320	1.49
08/13/2021	15:11:37	78794.35	394744.88	39.50	Soil	11,880	0.49
08/13/2021	15:11:38	78794.45	394744.83	39.50	Soil	10,020	-0.79
08/13/2021	15:12:03	78788.46	394748.54	38.77	Soil	12,900	1.20
08/13/2021	15:12:05	78788.48	394748.53	38.84	Soil	13,620	1.70
08/13/2021	15:12:06	78788.50	394748.59	38.91	Soil	12,240	0.74
08/13/2021	15:12:07	78788.89	394748.75	38.91	Soil	11,460	0.20
08/13/2021	15:12:07	78788.82	394749.01	38.93	Soil	12,540	0.95
08/13/2021	15:12:08	78789.12	394749.03	38.89	Soil	13,380	1.53
08/13/2021	15:12:09	78789.06	394749.32	38.89	Soil	10,080	-0.75
08/13/2021	15:12:10	78789.40	394749.29	38.88	Soil	12,480	0.91
08/13/2021	15:12:11	78789.45	394749.39	38.86	Soil	12,120	0.66
08/13/2021	15:12:13	78789.33	394749.74	38.86	Soil	11,580	0.28
08/13/2021	15:12:13	78789.66	394749.68	38.86	Soil	12,480	0.91
08/13/2021	15:12:14	78789.59	394750.02	38.90	Soil	13,140	1.36
08/13/2021	15:12:16	78789.77	394750.13	38.90	Soil	10,500	-0.46
08/13/2021	15:12:16	78789.93	394750.13	38.90	Soil	13,260	1.45
08/13/2021	15:12:17	78789.89	394750.37	38.87	Soil	11,100	-0.05
08/13/2021	15:12:19	78790.17	394750.36	38.89	Soil	13,680	1.74
08/13/2021	15:12:19	78790.06	394750.61	38.89	Soil	13,140	1.36
08/13/2021	15:12:20	78790.36	394750.56	38.86	Soil	12,060	0.62
08/13/2021	15:12:21	78790.28	394750.83	38.89	Soil	13,500	1.61
08/13/2021	15:12:22	78790.64	394750.84	38.89	Soil	13,800	1.82
08/13/2021	15:12:23	78790.60	394751.14	38.88	Soil	11,100	-0.05
08/13/2021	15:12:25	78790.92	394751.11	38.85	Soil	11,820	0.45
08/13/2021	15:12:25	78791.00	394751.09	38.85	Soil	11,280	0.08
08/13/2021	15:12:27	78790.96	394751.35	38.82	Soil	11,580	0.28
08/13/2021	15:12:27	78790.88	394751.55	38.75	Soil	12,360	0.82
08/13/2021	15:12:28	78791.14	394751.52	38.75	Soil	11,700	0.37
08/13/2021	15:12:29	78791.00	394751.74	38.78	Soil	12,720	1.07
08/13/2021	15:12:31	78791.13	394751.77	38.71	Soil	12,300	0.78
08/13/2021	15:12:32	78791.04	394751.76	38.74	Soil	12,480	0.91
08/13/2021	15:12:33	78790.92	394751.77	38.74	Soil	11,520	0.24
08/13/2021	15:12:33	78791.11	394751.50	38.74	Soil	13,680	1.74
08/13/2021	15:12:35	78790.90	394751.51	38.77	Soil	11,700	0.37
08/13/2021	15:12:36	78790.89	394751.43	38.77	Soil	12,420	0.87
08/13/2021	15:12:37	78790.91	394751.21	38.76	Soil	11,820	0.45
08/13/2021	15:12:37	78790.65	394751.18	38.77	Soil	13,740	1.78
08/13/2021	15:12:38	78790.65	394751.01	38.77	Soil	11,340	0.12
08/13/2021	15:12:39	78790.59	394751.02	38.76	Soil	11,760	0.41
08/13/2021	15:12:40	78790.65	394750.89	38.78	Soil	12,000	0.58
08/13/2021	15:12:41	78790.36	394750.87	38.75	Soil	11,580	0.28
08/13/2021	15:12:42	78790.73	394750.89	38.78	Soil	13,200	1.41
08/13/2021	15:12:43	78790.67	394751.05	38.83	Soil	11,640	0.33
08/13/2021	15:12:45	78790.58	394750.80	38.90	Soil	11,940	0.53
08/13/2021	15:12:46	78790.38	394750.98	38.90	Soil	10,440	-0.50
08/13/2021	15:12:47	78790.55	394751.23	38.93	Soil	12,720	1.07
08/13/2021	15:12:47	78790.34	394751.02	39.00	Soil	12,480	0.91
08/13/2021	15:12:49	78790.17	394750.81	39.03	Soil	13,260	1.45

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08/13/2021	15:12:49	78790.37	394750.99	39.03	Soil	12,660	1.03
08/13/2021	15:12:50	78790.47	394751.01	39.05	Soil	14,400	2.24
08/13/2021	15:12:51	78790.72	394751.23	39.01	Soil	11,040	-0.09
08/13/2021	15:12:52	78790.85	394751.37	39.01	Soil	13,560	1.65
08/13/2021	15:12:53	78790.76	394751.44	38.99	Soil	10,740	-0.30
08/13/2021	15:12:54	78790.75	394751.43	38.96	Soil	11,220	0.04
08/13/2021	15:12:55	78790.73	394751.42	38.94	Soil	12,480	0.91
08/13/2021	15:12:56	78790.72	394751.44	38.90	Soil	13,320	1.49
08/13/2021	15:12:57	78791.02	394751.65	38.82	Soil	10,260	-0.63
08/13/2021	15:12:58	78790.99	394751.74	38.82	Soil	10,860	-0.21
08/13/2021	15:12:59	78791.30	394752.08	38.97	Soil	11,580	0.28
08/13/2021	15:13:00	78791.47	394752.34	39.11	Soil	11,040	-0.09
08/13/2021	15:13:01	78791.27	394752.49	39.11	Soil	11,880	0.49
08/13/2021	15:14:56	78791.65	394752.49	40.18	Soil	11,820	0.45
08/13/2021	15:14:57	78791.56	394752.44	40.16	Soil	11,460	0.20
08/13/2021	15:14:58	78791.45	394752.47	40.17	Soil	12,780	1.11
08/13/2021	15:14:59	78791.43	394752.49	40.21	Soil	10,740	-0.30
08/13/2021	15:15:00	78791.60	394752.25	40.23	Soil	10,380	-0.54
08/13/2021	15:15:01	78791.37	394752.21	40.19	Soil	10,980	-0.13
08/13/2021	15:15:02	78791.26	394752.25	40.19	Soil	12,780	1.11
08/13/2021	15:15:03	78791.50	394751.89	40.19	Soil	12,420	0.87
08/13/2021	15:15:04	78791.34	394751.90	40.19	Soil	10,560	-0.42
08/13/2021	15:15:05	78791.29	394751.80	40.19	Soil	11,460	0.20
08/13/2021	15:15:06	78791.33	394751.42	40.17	Soil	9,900	-0.88
08/13/2021	15:15:07	78791.06	394751.48	40.17	Soil	12,180	0.70
08/13/2021	15:15:08	78791.05	394751.21	40.17	Soil	10,980	-0.13
08/13/2021	15:15:09	78790.80	394751.12	40.17	Soil	11,220	0.04
08/13/2021	15:15:10	78790.70	394751.06	40.18	Soil	12,120	0.66
08/13/2021	15:15:11	78790.73	394750.81	40.15	Soil	10,020	-0.79
08/13/2021	15:15:12	78790.47	394750.76	40.13	Soil	10,260	-0.63
08/13/2021	15:15:13	78790.50	394750.44	40.07	Soil	12,300	0.78
08/13/2021	15:15:14	78790.24	394750.36	40.06	Soil	10,500	-0.46
08/13/2021	15:15:15	78790.22	394750.14	40.06	Soil	11,640	0.33
08/13/2021	15:15:16	78789.88	394750.07	39.97	Soil	11,700	0.37
08/13/2021	15:15:17	78789.79	394749.81	39.93	Soil	11,340	0.12
08/13/2021	15:15:18	78789.60	394749.79	39.93	Soil	11,820	0.45
08/13/2021	15:15:19	78789.68	394749.53	39.90	Soil	11,460	0.20
08/13/2021	15:15:20	78789.64	394749.24	39.84	Soil	11,880	0.49
08/13/2021	15:15:21	78789.60	394749.39	39.81	Soil	12,660	1.03
08/13/2021	15:15:22	78789.95	394749.44	39.74	Soil	11,700	0.37
08/13/2021	15:15:23	78790.04	394749.62	39.72	Soil	12,360	0.82
08/13/2021	15:15:24	78790.34	394749.71	39.68	Soil	12,240	0.74
08/13/2021	15:15:25	78790.37	394749.93	39.67	Soil	11,340	0.12
08/13/2021	15:15:26	78790.55	394750.02	39.70	Soil	11,100	-0.05
08/13/2021	15:15:27	78790.70	394750.04	39.65	Soil	10,860	-0.21
08/13/2021	15:15:28	78790.76	394750.27	39.67	Soil	11,520	0.24
08/13/2021	15:15:29	78790.99	394750.28	39.60	Soil	11,940	0.53
08/13/2021	15:15:30	78790.87	394750.53	39.63	Soil	10,800	-0.25
08/13/2021	15:15:31	78791.15	394750.64	39.60	Soil	11,700	0.37
08/13/2021	15:15:32	78791.12	394750.85	39.62	Soil	11,160	-0.01
08/13/2021	15:15:33	78791.44	394751.04	39.59	Soil	13,200	1.41

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08/13/2021	15:15:34	78791.45	394751.23	39.55	Soil	12,420	0.87
08/13/2021	15:15:35	78791.47	394751.44	39.52	Soil	11,280	0.08
08/13/2021	15:15:36	78791.67	394751.70	39.50	Soil	12,840	1.16
08/13/2021	15:15:37	78791.69	394751.96	39.52	Soil	11,400	0.16
08/13/2021	15:15:38	78791.70	394752.15	39.53	Soil	11,880	0.49
08/13/2021	15:15:39	78791.62	394752.23	39.53	Soil	12,480	0.91
08/13/2021	15:15:40	78791.59	394752.50	39.54	Soil	12,240	0.74
08/13/2021	15:16:34	78791.91	394752.46	40.16	Soil	10,980	-0.13
08/13/2021	15:16:35	78791.71	394752.30	40.16	Soil	11,400	0.16
08/13/2021	15:16:36	78791.88	394751.96	40.20	Soil	11,940	0.53
08/13/2021	15:16:37	78791.71	394751.67	40.24	Soil	12,420	0.87
08/13/2021	15:16:38	78791.69	394751.33	40.25	Soil	11,220	0.04
08/13/2021	15:16:39	78791.62	394751.06	40.26	Soil	12,360	0.82
08/13/2021	15:16:40	78791.44	394750.87	40.24	Soil	11,040	-0.09
08/13/2021	15:16:41	78791.32	394750.63	40.18	Soil	11,340	0.12
08/13/2021	15:16:42	78791.08	394750.47	40.18	Soil	11,400	0.16
08/13/2021	15:16:43	78791.04	394750.22	40.18	Soil	10,740	-0.30
08/13/2021	15:16:44	78790.70	394750.10	40.14	Soil	11,340	0.12
08/13/2021	15:16:45	78790.58	394749.78	40.13	Soil	10,320	-0.59
08/13/2021	15:16:46	78790.23	394749.54	40.07	Soil	12,180	0.70
08/13/2021	15:16:47	78790.17	394749.15	40.07	Soil	12,360	0.82
08/13/2021	15:16:48	78790.19	394749.03	40.11	Soil	11,640	0.33
08/13/2021	15:16:49	78790.40	394749.09	40.16	Soil	9,420	-1.21
08/13/2021	15:16:50	78790.55	394749.15	40.15	Soil	11,700	0.37
08/13/2021	15:16:51	78790.66	394749.32	40.19	Soil	10,980	-0.13
08/13/2021	15:16:52	78790.92	394749.31	40.18	Soil	12,240	0.74
08/13/2021	15:16:53	78790.96	394749.65	40.20	Soil	12,900	1.20
08/13/2021	15:16:54	78791.19	394749.75	40.19	Soil	12,060	0.62
08/13/2021	15:16:55	78791.19	394750.06	40.20	Soil	12,000	0.58
08/13/2021	15:16:56	78791.41	394750.17	40.19	Soil	10,920	-0.17
08/13/2021	15:16:57	78791.28	394750.40	40.16	Soil	12,660	1.03
08/13/2021	15:16:58	78791.33	394750.40	40.12	Soil	11,460	0.20
08/13/2021	15:16:59	78791.08	394750.37	40.12	Soil	10,980	-0.13
08/13/2021	15:17:00	78791.18	394750.16	40.06	Soil	12,600	0.99
08/13/2021	15:17:01	78790.95	394750.14	40.06	Soil	11,160	-0.01
08/13/2021	15:17:02	78791.04	394749.85	40.00	Soil	10,560	-0.42
08/13/2021	15:17:03	78790.83	394749.86	39.99	Soil	9,720	-1.00
08/13/2021	15:17:04	78790.84	394749.77	39.96	Soil	10,860	-0.21
08/13/2021	15:17:05	78790.78	394749.70	39.94	Soil	12,540	0.95
08/13/2021	15:17:06	78790.65	394749.74	39.97	Soil	11,280	0.08
08/13/2021	15:17:07	78790.76	394749.51	39.94	Soil	11,520	0.24
08/13/2021	15:17:08	78790.55	394749.57	39.97	Soil	10,620	-0.38
08/13/2021	15:17:09	78790.72	394749.45	39.92	Soil	11,700	0.37
08/13/2021	15:17:10	78790.43	394749.64	39.92	Soil	12,720	1.07
08/13/2021	15:17:11	78790.62	394749.83	39.91	Soil	11,700	0.37
08/13/2021	15:17:12	78790.50	394750.08	39.90	Soil	14,220	2.11
08/13/2021	15:17:13	78790.43	394750.29	39.88	Soil	11,520	0.24
08/13/2021	15:17:14	78790.26	394750.45	39.85	Soil	13,320	1.49
08/13/2021	15:17:15	78790.23	394750.55	39.92	Soil	12,120	0.66
08/13/2021	15:17:16	78790.65	394750.41	39.89	Soil	12,900	1.20
08/13/2021	15:17:17	78790.60	394750.66	39.95	Soil	11,220	0.04

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08/13/2021	15:17:18	78790.85	394750.63	39.88	Soil	13,380	1.53
08/13/2021	15:17:19	78790.67	394750.85	39.82	Soil	13,080	1.32
08/13/2021	15:17:20	78790.52	394750.99	39.79	Soil	11,940	0.53
08/13/2021	15:17:21	78790.51	394750.97	39.81	Soil	11,220	0.04
08/13/2021	15:17:22	78790.88	394750.87	39.91	Soil	11,340	0.12
08/13/2021	15:17:23	78791.15	394750.83	39.92	Soil	11,160	-0.01
08/13/2021	15:17:24	78791.10	394751.07	39.91	Soil	12,540	0.95
08/13/2021	15:17:25	78791.23	394751.09	39.96	Soil	13,620	1.70
08/13/2021	15:17:26	78791.47	394750.98	39.98	Soil	10,440	-0.50
08/13/2021	15:17:27	78791.54	394751.09	40.05	Soil	11,220	0.04
08/13/2021	15:17:28	78791.70	394750.80	40.09	Soil	11,580	0.28
08/13/2021	15:17:29	78791.89	394750.81	40.08	Soil	10,560	-0.42
08/13/2021	15:17:31	78791.60	394750.32	40.04	Soil	11,040	-0.09
08/13/2021	15:17:33	78791.55	394750.06	39.97	Soil	12,120	0.66
08/13/2021	15:17:34	78791.44	394749.99	39.93	Soil	11,460	0.20
08/13/2021	15:17:35	78791.44	394750.01	39.92	Soil	11,820	0.45
08/13/2021	15:17:36	78791.67	394750.22	39.89	Soil	11,640	0.33
08/13/2021	15:17:37	78791.59	394750.39	39.91	Soil	11,820	0.45
08/13/2021	15:17:38	78791.83	394750.61	39.91	Soil	11,160	-0.01
08/13/2021	15:17:39	78791.85	394750.82	39.90	Soil	10,620	-0.38
08/13/2021	15:17:40	78791.98	394751.03	39.89	Soil	12,120	0.66
08/13/2021	15:17:41	78791.99	394751.27	39.89	Soil	12,300	0.78
08/13/2021	15:17:42	78792.18	394751.58	39.85	Soil	12,240	0.74
08/13/2021	15:17:43	78792.18	394751.97	39.82	Soil	11,040	-0.09
08/13/2021	15:17:44	78792.13	394752.08	39.75	Soil	11,460	0.20
08/13/2021	15:17:45	78792.05	394752.02	39.73	Soil	12,060	0.62
08/13/2021	15:17:46	78792.04	394752.03	39.71	Soil	13,140	1.36
08/13/2021	15:17:47	78792.06	394752.03	39.66	Soil	12,780	1.11
08/13/2021	15:17:48	78791.99	394751.78	39.62	Soil	10,800	-0.25
08/13/2021	15:17:49	78791.86	394751.79	39.65	Soil	14,160	2.07
08/13/2021	15:17:50	78791.96	394751.51	39.65	Soil	11,280	0.08
08/13/2021	15:17:51	78792.01	394751.41	39.64	Soil	11,100	-0.05
08/13/2021	15:17:52	78791.81	394751.31	39.66	Soil	11,940	0.53
08/13/2021	15:17:53	78791.85	394751.25	39.67	Soil	11,100	-0.05
08/13/2021	15:17:54	78791.90	394751.24	39.64	Soil	11,880	0.49
08/13/2021	15:17:55	78791.65	394751.26	39.63	Soil	13,140	1.36
08/13/2021	15:17:56	78791.76	394751.41	39.64	Soil	11,880	0.49
08/13/2021	15:17:57	78791.87	394751.58	39.63	Soil	12,600	0.99
08/13/2021	15:17:58	78791.89	394751.80	39.65	Soil	9,960	-0.84
08/13/2021	15:17:59	78792.11	394751.96	39.65	Soil	9,420	-1.21
08/13/2021	15:18:00	78792.08	394752.26	39.66	Soil	12,900	1.20
08/13/2021	15:18:01	78792.27	394752.27	39.62	Soil	11,100	-0.05
08/13/2021	15:18:02	78792.13	394752.41	39.59	Soil	11,820	0.45
08/13/2021	15:19:23	78792.04	394752.55	40.08	Soil	10,740	-0.30
08/13/2021	15:19:24	78791.94	394752.20	40.07	Soil	11,100	-0.05
08/13/2021	15:19:25	78791.96	394751.76	40.07	Soil	10,020	-0.79
08/13/2021	15:19:26	78791.81	394751.42	40.10	Soil	11,220	0.04
08/13/2021	15:19:27	78792.02	394751.25	40.09	Soil	10,800	-0.25
08/13/2021	15:19:28	78792.19	394751.05	40.02	Soil	12,960	1.24
08/13/2021	15:19:29	78792.30	394751.29	39.97	Soil	10,380	-0.54
08/13/2021	15:19:41	78792.67	394751.68	39.68	Soil	11,940	0.53

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08/13/2021	15:19:42	78792.62	394751.77	39.59	Soil	10,740	-0.30
08/13/2021	15:19:43	78792.47	394751.67	39.43	Soil	11,220	0.04
08/13/2021	15:19:44	78792.28	394751.73	39.35	Soil	10,560	-0.42
08/13/2021	15:19:45	78792.17	394751.65	39.26	Soil	11,580	0.28
08/13/2021	15:19:46	78792.09	394751.77	39.19	Soil	10,140	-0.71
08/13/2021	15:19:47	78791.93	394751.76	39.13	Soil	12,060	0.62
08/13/2021	15:19:48	78791.76	394751.98	39.08	Soil	11,040	-0.09
08/13/2021	15:19:49	78791.89	394752.17	39.03	Soil	14,700	2.44
08/13/2021	15:19:50	78791.93	394752.45	39.02	Soil	12,300	0.78
08/13/2021	15:19:51	78792.11	394752.29	39.00	Soil	11,820	0.45
08/13/2021	15:19:52	78792.29	394752.37	39.02	Soil	13,440	1.57
08/13/2021	15:19:53	78792.37	394752.24	39.07	Soil	11,280	0.08
08/13/2021	15:19:54	78792.62	394752.33	39.20	Soil	12,060	0.62
08/13/2021	15:19:55	78792.91	394752.13	39.21	Soil	11,880	0.49
08/13/2021	15:19:56	78793.06	394752.37	39.21	Soil	10,440	-0.50
08/13/2021	15:20:04	78793.13	394752.39	39.15	Soil	11,700	0.37
08/13/2021	15:20:05	78792.96	394752.29	39.10	Soil	10,560	-0.42
08/13/2021	15:20:06	78792.93	394752.46	39.05	Soil	10,740	-0.30
08/13/2021	15:20:07	78792.70	394752.39	38.98	Soil	12,600	0.99
08/13/2021	15:20:08	78792.56	394752.50	38.95	Soil	10,860	-0.21
08/13/2021	15:20:09	78792.46	394752.33	38.91	Soil	10,860	-0.21
08/13/2021	15:20:10	78792.41	394752.39	38.90	Soil	11,040	-0.09
08/13/2021	15:20:11	78792.33	394752.24	38.89	Soil	11,460	0.20
08/13/2021	15:20:12	78792.29	394752.21	38.89	Soil	11,160	-0.01
08/13/2021	15:20:13	78792.24	394752.19	38.88	Soil	11,520	0.24
08/13/2021	15:20:14	78792.20	394752.19	38.86	Soil	12,300	0.78
08/13/2021	15:20:15	78792.14	394752.28	38.86	Soil	11,460	0.20
08/13/2021	15:20:16	78792.23	394752.26	38.85	Soil	12,720	1.07
08/13/2021	15:20:17	78792.28	394752.34	38.87	Soil	9,420	-1.21
08/13/2021	15:20:18	78792.45	394752.15	38.95	Soil	12,780	1.11
08/13/2021	15:20:19	78792.49	394751.93	38.94	Soil	12,780	1.11
08/13/2021	15:20:20	78792.68	394752.07	39.02	Soil	11,640	0.33
08/13/2021	15:20:21	78792.81	394752.11	39.03	Soil	12,480	0.91
08/13/2021	15:20:22	78792.84	394752.33	39.03	Soil	11,340	0.12
08/13/2021	15:20:23	78792.92	394752.50	39.05	Soil	12,360	0.82
08/13/2021	15:20:24	78792.90	394752.51	38.99	Soil	10,800	-0.25
08/13/2021	15:21:59	78792.71	394752.46	39.49	Soil	10,800	-0.25
08/13/2021	15:22:00	78792.58	394752.30	39.52	Soil	12,240	0.74
08/13/2021	15:22:01	78792.64	394752.10	39.45	Soil	10,980	-0.13
08/13/2021	15:22:02	78792.56	394751.81	39.53	Soil	10,740	-0.30
08/13/2021	15:22:03	78792.56	394751.97	39.61	Soil	12,540	0.95
08/13/2021	15:22:04	78792.79	394751.95	39.57	Soil	9,000	-1.50
08/13/2021	15:22:05	78792.81	394752.24	39.55	Soil	9,360	-1.25
08/13/2021	15:22:06	78792.89	394752.43	39.52	Soil	11,100	-0.05
08/13/2021	15:22:07	78792.92	394752.44	39.47	Soil	10,380	-0.54
08/13/2021	15:22:08	78792.94	394752.45	39.52	Soil	12,240	0.74
08/13/2021	15:22:09	78793.20	394752.55	39.40	Soil	10,200	-0.67
08/14/2021	11:47:57	78790.52	394752.63	40.23	Soil	12,300	0.78
08/14/2021	11:47:58	78790.51	394752.57	40.21	Soil	14,160	2.07
08/14/2021	11:47:59	78790.54	394752.61	40.21	Soil	12,060	0.62
08/14/2021	11:48:00	78790.52	394752.68	40.17	Soil	13,440	1.57

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08/14/2021	11:48:01	78790.56	394752.49	40.14	Soil	11,640	0.33
08/14/2021	11:48:02	78790.61	394752.55	40.13	Soil	13,800	1.82
08/14/2021	11:48:03	78790.72	394752.46	40.09	Soil	12,840	1.16
08/14/2021	11:48:04	78790.84	394752.53	40.04	Soil	11,340	0.12
08/14/2021	11:48:05	78790.99	394752.67	39.99	Soil	12,420	0.87
08/14/2021	11:48:06	78791.09	394752.58	39.95	Soil	12,540	0.95
08/14/2021	11:48:07	78791.25	394752.68	39.89	Soil	10,980	-0.13
08/14/2021	11:48:08	78791.45	394752.48	39.88	Soil	13,380	1.53
08/14/2021	11:48:09	78791.64	394752.63	39.88	Soil	12,420	0.87
08/14/2021	11:48:10	78791.83	394752.45	39.93	Soil	13,140	1.36
08/14/2021	11:48:11	78791.96	394752.49	39.93	Soil	11,700	0.37
08/14/2021	11:48:12	78792.09	394752.46	39.95	Soil	11,160	-0.01
08/14/2021	11:48:13	78792.24	394752.43	39.99	Soil	12,660	1.03
08/14/2021	11:48:14	78792.36	394752.47	40.04	Soil	12,180	0.70
08/14/2021	11:48:15	78792.56	394752.32	40.10	Soil	13,800	1.82
08/14/2021	11:48:16	78792.68	394752.51	40.15	Soil	12,900	1.20
08/14/2021	11:48:17	78792.78	394752.40	40.16	Soil	13,800	1.82
08/14/2021	11:48:18	78792.90	394752.55	40.25	Soil	12,900	1.20
08/14/2021	11:48:19	78793.00	394752.40	40.30	Soil	11,700	0.37
08/14/2021	11:48:20	78793.20	394752.44	40.39	Soil	13,320	1.49
08/14/2021	11:48:27	78793.29	394752.62	40.46	Soil	12,540	0.95
08/14/2021	11:48:28	78793.29	394752.67	40.44	Soil	11,280	0.08
08/14/2021	11:48:29	78793.13	394752.46	40.41	Soil	11,460	0.20
08/14/2021	11:48:30	78793.00	394752.57	40.31	Soil	12,300	0.78
08/14/2021	11:48:31	78792.81	394752.56	40.28	Soil	11,040	-0.09
08/14/2021	11:48:32	78792.71	394752.67	40.20	Soil	13,080	1.32
08/14/2021	11:48:33	78792.58	394752.63	40.14	Soil	11,220	0.04
08/14/2021	11:48:34	78792.40	394752.76	40.09	Soil	11,820	0.45
08/14/2021	11:48:35	78792.23	394752.77	40.00	Soil	11,280	0.08
08/14/2021	11:48:36	78792.03	394752.80	39.95	Soil	10,680	-0.34
08/14/2021	11:48:37	78791.88	394752.71	39.85	Soil	12,240	0.74
08/14/2021	11:48:38	78791.71	394752.85	39.83	Soil	11,280	0.08
08/14/2021	11:48:39	78791.39	394752.92	39.83	Soil	11,820	0.45
08/14/2021	11:48:40	78791.13	394752.94	39.86	Soil	11,400	0.16
08/14/2021	11:48:41	78790.85	394752.98	39.89	Soil	11,520	0.24
08/14/2021	11:48:42	78790.59	394753.05	39.95	Soil	12,780	1.11
08/14/2021	11:48:43	78790.40	394752.96	40.03	Soil	13,620	1.70
08/14/2021	11:48:44	78790.42	394753.11	40.02	Soil	13,260	1.45
08/14/2021	11:48:45	78790.27	394753.27	39.99	Soil	17,700	4.52
08/14/2021	11:48:46	78790.33	394753.12	39.97	Soil	12,900	1.20
08/14/2021	11:48:47	78790.44	394753.25	39.91	Soil	12,420	0.87
08/14/2021	11:48:48	78790.65	394753.09	39.89	Soil	13,620	1.70
08/14/2021	11:48:49	78790.76	394753.20	39.86	Soil	11,880	0.49
08/14/2021	11:48:50	78790.95	394753.13	39.84	Soil	11,700	0.37
08/14/2021	11:48:51	78791.05	394753.28	39.81	Soil	12,180	0.70
08/14/2021	11:48:52	78791.23	394753.19	39.81	Soil	12,120	0.66
08/14/2021	11:48:53	78791.41	394753.31	39.80	Soil	13,560	1.65
08/14/2021	11:48:54	78791.64	394753.14	39.82	Soil	11,040	-0.09
08/14/2021	11:48:55	78791.88	394753.26	39.85	Soil	12,600	0.99
08/14/2021	11:48:56	78792.13	394753.15	39.94	Soil	12,600	0.99
08/14/2021	11:48:57	78792.29	394753.24	40.03	Soil	13,560	1.65

SU 7C GWS RESULTS

08/14/2021	11:48:58	78792.47	394753.07	40.08	Soil	15,180	2.77
08/14/2021	11:48:58	78792.47	394753.07	40.08	Soil	15,180	2.77
08/14/2021	11:48:59	78792.71	394753.11	40.12	Soil	12,900	1.20
08/14/2021	11:49:00	78793.00	394752.93	40.17	Soil	11,580	0.28
08/14/2021	11:49:01	78793.23	394752.97	40.26	Soil	12,900	1.20
08/14/2021	11:49:02	78793.40	394752.80	40.36	Soil	11,400	0.16
08/14/2021	11:49:03	78793.60	394753.07	40.47	Soil	13,260	1.45
08/14/2021	11:49:09	78793.67	394753.38	40.48	Soil	12,240	0.74
08/14/2021	11:49:10	78793.52	394753.51	40.46	Soil	12,780	1.11
08/14/2021	11:49:11	78793.40	394753.38	40.41	Soil	11,820	0.45
08/14/2021	11:49:12	78793.17	394753.52	40.33	Soil	11,880	0.49
08/14/2021	11:49:13	78793.08	394753.39	40.25	Soil	12,600	0.99
08/14/2021	11:49:14	78792.88	394753.51	40.20	Soil	12,540	0.95
08/14/2021	11:49:15	78792.79	394753.37	40.14	Soil	12,780	1.11
08/14/2021	11:49:16	78792.67	394753.46	40.10	Soil	13,320	1.49
08/14/2021	11:49:17	78792.50	394753.36	40.07	Soil	12,660	1.03
08/14/2021	11:49:18	78792.29	394753.45	40.05	Soil	12,120	0.66
08/14/2021	11:49:19	78792.12	394753.39	39.96	Soil	12,900	1.20
08/14/2021	11:49:20	78791.96	394753.39	39.94	Soil	10,080	-0.75
08/14/2021	11:49:21	78791.74	394753.43	39.89	Soil	11,400	0.16
08/14/2021	11:49:22	78791.64	394753.41	39.88	Soil	11,820	0.45
08/14/2021	11:49:23	78791.47	394753.42	39.89	Soil	11,700	0.37
08/14/2021	11:49:24	78791.31	394753.38	39.93	Soil	10,980	-0.13
08/14/2021	11:49:25	78791.11	394753.45	39.97	Soil	11,640	0.33
08/14/2021	11:49:26	78790.90	394753.30	39.99	Soil	13,260	1.45
08/14/2021	11:49:27	78790.74	394753.43	40.02	Soil	13,680	1.74
08/14/2021	11:49:28	78790.64	394753.37	40.03	Soil	11,820	0.45
08/14/2021	11:49:29	78790.57	394753.60	40.02	Soil	12,840	1.16
08/14/2021	11:49:30	78790.49	394753.65	40.00	Soil	14,220	2.11
08/14/2021	11:49:31	78790.51	394753.89	39.97	Soil	13,200	1.41
08/14/2021	11:49:32	78790.52	394753.61	39.99	Soil	12,780	1.11
08/14/2021	11:49:33	78790.51	394753.63	39.97	Soil	11,040	-0.09
08/14/2021	11:49:34	78790.78	394753.47	39.95	Soil	12,780	1.11
08/14/2021	11:49:35	78790.90	394753.65	39.89	Soil	12,180	0.70
08/14/2021	11:49:36	78791.12	394753.59	39.83	Soil	11,820	0.45
08/14/2021	11:49:37	78791.21	394753.69	39.81	Soil	11,880	0.49
08/14/2021	11:49:38	78791.46	394753.58	39.80	Soil	11,700	0.37
08/14/2021	11:49:39	78791.74	394753.70	39.80	Soil	12,840	1.16
08/14/2021	11:49:40	78792.03	394753.63	39.80	Soil	13,080	1.32
08/14/2021	11:49:41	78792.26	394753.62	39.86	Soil	9,840	-0.92
08/14/2021	11:49:42	78792.44	394753.75	39.93	Soil	11,460	0.20
08/14/2021	11:49:43	78792.67	394753.63	40.01	Soil	11,640	0.33
08/14/2021	11:49:44	78792.84	394753.73	40.05	Soil	13,980	1.94
08/14/2021	11:49:45	78793.06	394753.63	40.10	Soil	12,300	0.78
08/14/2021	11:49:46	78793.24	394753.85	40.18	Soil	12,180	0.70
08/14/2021	11:49:47	78793.46	394753.62	40.30	Soil	9,840	-0.92
08/14/2021	11:49:59	78793.62	394754.02	40.45	Soil	12,180	0.70
08/14/2021	11:50:00	78793.36	394754.11	40.36	Soil	10,980	-0.13
08/14/2021	11:50:01	78793.17	394753.99	40.28	Soil	10,440	-0.50
08/14/2021	11:50:02	78792.98	394753.93	40.20	Soil	12,360	0.82
08/14/2021	11:50:03	78792.82	394754.11	40.19	Soil	14,400	2.24

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08/14/2021	11:50:04	78792.68	394754.04	40.13	Soil	13,860	1.86
08/14/2021	11:50:05	78792.43	394754.16	40.09	Soil	11,880	0.49
08/14/2021	11:50:06	78792.27	394754.03	40.07	Soil	11,340	0.12
08/14/2021	11:50:07	78792.03	394754.12	40.05	Soil	11,580	0.28
08/14/2021	11:50:08	78791.81	394753.97	40.02	Soil	10,980	-0.13
08/14/2021	11:50:09	78791.56	394754.08	40.04	Soil	12,120	0.66
08/14/2021	11:50:10	78791.46	394753.93	40.02	Soil	10,860	-0.21
08/14/2021	11:50:11	78791.18	394754.02	40.05	Soil	11,580	0.28
08/14/2021	11:50:12	78791.02	394753.88	40.09	Soil	13,320	1.49
08/14/2021	11:50:13	78790.83	394753.93	40.11	Soil	11,280	0.08
08/14/2021	11:50:14	78790.65	394753.84	40.12	Soil	13,500	1.61
08/14/2021	11:50:15	78790.55	394754.07	40.11	Soil	15,000	2.65
08/14/2021	11:50:16	78790.59	394754.05	40.10	Soil	11,940	0.53
08/14/2021	11:50:17	78790.60	394754.09	40.07	Soil	12,000	0.58
08/14/2021	11:50:18	78790.72	394754.12	40.02	Soil	10,620	-0.38
08/14/2021	11:50:19	78790.88	394754.23	39.96	Soil	12,120	0.66
08/14/2021	11:50:20	78791.05	394754.26	39.91	Soil	13,500	1.61
08/14/2021	11:50:21	78791.30	394754.31	39.89	Soil	12,540	0.95
08/14/2021	11:50:22	78791.61	394754.28	39.92	Soil	11,760	0.41
08/14/2021	11:50:23	78791.81	394754.37	39.94	Soil	11,940	0.53
08/14/2021	11:50:24	78792.05	394754.28	39.98	Soil	11,100	-0.05
08/14/2021	11:50:25	78792.26	394754.42	40.02	Soil	12,240	0.74
08/14/2021	11:50:26	78792.49	394754.35	40.08	Soil	12,000	0.58
08/14/2021	11:50:27	78792.75	394754.39	40.15	Soil	11,940	0.53
08/14/2021	11:50:28	78793.01	394754.45	40.19	Soil	12,960	1.24
08/14/2021	11:50:29	78793.21	394754.37	40.26	Soil	11,580	0.28
08/14/2021	11:50:30	78793.47	394754.54	40.30	Soil	10,380	-0.54
08/14/2021	11:50:31	78793.61	394754.32	40.41	Soil	12,060	0.62
08/14/2021	11:50:47	78793.62	394754.39	40.48	Soil	12,360	0.82
08/14/2021	11:50:48	78793.41	394754.48	40.40	Soil	11,400	0.16
08/14/2021	11:50:49	78793.27	394754.39	40.32	Soil	13,560	1.65
08/14/2021	11:50:50	78793.09	394754.54	40.29	Soil	10,260	-0.63
08/14/2021	11:50:51	78792.97	394754.40	40.26	Soil	11,400	0.16
08/14/2021	11:50:52	78792.79	394754.42	40.24	Soil	13,680	1.74
08/14/2021	11:50:53	78792.68	394754.34	40.22	Soil	11,820	0.45
08/14/2021	11:50:54	78792.48	394754.33	40.16	Soil	12,180	0.70
08/14/2021	11:50:55	78792.28	394754.33	40.16	Soil	11,880	0.49
08/14/2021	11:50:56	78792.13	394754.22	40.11	Soil	12,240	0.74
08/14/2021	11:50:57	78791.97	394754.29	40.12	Soil	12,780	1.11
08/14/2021	11:50:58	78791.85	394754.19	40.10	Soil	11,700	0.37
08/14/2021	11:50:59	78791.65	394754.24	40.12	Soil	12,300	0.78
08/14/2021	11:51:00	78791.55	394754.09	40.09	Soil	12,660	1.03
08/14/2021	11:51:01	78791.29	394754.11	40.13	Soil	10,860	-0.21
08/14/2021	11:51:02	78791.04	394753.97	40.14	Soil	12,780	1.11
08/14/2021	11:51:03	78790.74	394754.00	40.18	Soil	13,080	1.32
08/14/2021	11:51:04	78790.65	394753.96	40.20	Soil	12,180	0.70
08/14/2021	11:51:05	78790.56	394754.06	40.20	Soil	11,760	0.41
08/14/2021	11:51:06	78790.58	394754.06	40.19	Soil	13,740	1.78
08/14/2021	11:51:07	78790.62	394754.13	40.15	Soil	11,940	0.53
08/14/2021	11:51:08	78790.75	394754.17	40.13	Soil	11,700	0.37
08/14/2021	11:51:09	78790.82	394754.23	40.12	Soil	12,900	1.20

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08/14/2021	11:51:10	78790.77	394754.19	40.13	Soil	11,700	0.37
08/14/2021	11:51:11	78790.64	394754.07	40.17	Soil	12,960	1.24
08/14/2021	11:51:12	78790.56	394754.24	40.18	Soil	14,580	2.36
08/14/2021	11:51:13	78790.44	394754.13	40.20	Soil	13,680	1.74
08/14/2021	11:51:14	78790.46	394754.23	40.21	Soil	12,900	1.20
08/14/2021	11:51:15	78790.42	394754.18	40.22	Soil	12,600	0.99
08/14/2021	11:51:16	78790.41	394754.22	40.23	Soil	13,260	1.45
08/14/2021	11:51:17	78790.41	394754.24	40.23	Soil	13,920	1.90
08/14/2021	11:51:18	78790.44	394754.35	40.23	Soil	15,300	2.86
08/14/2021	11:51:19	78790.64	394754.33	40.18	Soil	14,100	2.03
08/14/2021	11:51:20	78790.86	394754.41	40.11	Soil	14,280	2.15
08/14/2021	11:51:21	78791.07	394754.42	40.08	Soil	13,260	1.45
08/14/2021	11:51:22	78791.27	394754.56	40.05	Soil	12,240	0.74
08/14/2021	11:51:23	78791.54	394754.52	40.08	Soil	9,960	-0.84
08/14/2021	11:51:24	78791.81	394754.52	40.10	Soil	12,780	1.11
08/14/2021	11:51:25	78792.04	394754.53	40.14	Soil	11,520	0.24
08/14/2021	11:51:26	78792.26	394754.49	40.19	Soil	10,740	-0.30
08/14/2021	11:51:27	78792.40	394754.52	40.21	Soil	10,860	-0.21
08/14/2021	11:51:28	78792.59	394754.54	40.25	Soil	11,460	0.20
08/14/2021	11:51:29	78792.76	394754.66	40.26	Soil	11,280	0.08
08/14/2021	11:51:30	78793.04	394754.70	40.29	Soil	13,380	1.53
08/14/2021	11:51:31	78793.24	394754.95	40.32	Soil	11,700	0.37
08/14/2021	11:51:32	78793.53	394754.94	40.40	Soil	12,240	0.74
08/14/2021	11:51:37	78793.58	394755.27	40.50	Soil	12,360	0.82
08/14/2021	11:51:38	78793.52	394755.10	40.45	Soil	12,060	0.62
08/14/2021	11:51:39	78793.36	394755.12	40.41	Soil	11,220	0.04
08/14/2021	11:51:40	78793.32	394754.95	40.36	Soil	13,020	1.28
08/14/2021	11:51:41	78793.10	394754.96	40.31	Soil	12,060	0.62
08/14/2021	11:51:42	78792.92	394754.79	40.28	Soil	12,180	0.70
08/14/2021	11:51:43	78792.66	394754.72	40.26	Soil	11,640	0.33
08/14/2021	11:51:44	78792.54	394754.62	40.26	Soil	9,780	-0.96
08/14/2021	11:51:45	78792.33	394754.71	40.24	Soil	13,140	1.36
08/14/2021	11:51:46	78792.10	394754.76	40.19	Soil	11,820	0.45
08/14/2021	11:51:47	78791.86	394754.78	40.17	Soil	10,620	-0.38
08/14/2021	11:51:48	78791.53	394754.77	40.13	Soil	12,000	0.58
08/14/2021	11:51:49	78791.18	394754.65	40.15	Soil	13,920	1.90
08/14/2021	11:51:50	78790.89	394754.68	40.18	Soil	11,760	0.41
08/14/2021	11:51:51	78790.63	394754.66	40.21	Soil	13,440	1.57
08/14/2021	11:51:52	78790.71	394754.81	40.20	Soil	15,600	3.07
08/14/2021	11:51:53	78790.64	394754.92	40.20	Soil	13,200	1.41
08/14/2021	11:51:54	78790.66	394754.77	40.20	Soil	13,080	1.32
08/14/2021	11:51:55	78790.67	394754.86	40.19	Soil	12,900	1.20
08/14/2021	11:51:56	78790.83	394754.80	40.16	Soil	13,440	1.57
08/14/2021	11:51:57	78791.01	394754.89	40.11	Soil	12,360	0.82
08/14/2021	11:51:58	78791.26	394754.92	40.10	Soil	11,280	0.08
08/14/2021	11:51:59	78791.57	394754.89	40.09	Soil	10,140	-0.71
08/14/2021	11:52:00	78791.87	394754.96	40.15	Soil	13,200	1.41
08/14/2021	11:52:01	78792.12	394754.94	40.22	Soil	12,240	0.74
08/14/2021	11:52:02	78792.27	394755.07	40.29	Soil	10,320	-0.59
08/14/2021	11:52:03	78792.45	394755.01	40.33	Soil	11,520	0.24
08/14/2021	11:52:04	78792.63	394755.08	40.37	Soil	10,740	-0.30

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08/14/2021	11:52:05	78792.88	394755.04	40.40	Soil	11,640	0.33
08/14/2021	11:52:06	78793.16	394755.21	40.45	Soil	10,560	-0.42
08/14/2021	11:52:07	78793.46	394755.20	40.52	Soil	12,180	0.70
08/14/2021	11:52:08	78793.57	394755.45	40.58	Soil	12,120	0.66
08/14/2021	11:52:23	78793.51	394754.86	40.57	Soil	11,100	-0.05
08/14/2021	11:52:24	78793.32	394754.79	40.46	Soil	10,800	-0.25
08/14/2021	11:52:25	78793.18	394754.92	40.44	Soil	11,580	0.28
08/14/2021	11:52:26	78793.02	394754.92	40.38	Soil	11,220	0.04
08/14/2021	11:52:27	78793.01	394754.82	40.35	Soil	11,820	0.45
08/14/2021	11:52:28	78793.30	394754.99	40.40	Soil	11,640	0.33
08/14/2021	11:52:36	78793.49	394755.41	40.47	Soil	12,300	0.78
08/14/2021	11:52:37	78793.33	394755.43	40.41	Soil	12,060	0.62
08/14/2021	11:52:38	78793.19	394755.36	40.38	Soil	12,180	0.70
08/14/2021	11:52:39	78792.96	394755.38	40.29	Soil	11,760	0.41
08/14/2021	11:52:40	78792.84	394755.26	40.29	Soil	10,080	-0.75
08/14/2021	11:52:41	78792.64	394755.34	40.30	Soil	10,620	-0.38
08/14/2021	11:52:42	78792.49	394755.19	40.27	Soil	13,560	1.65
08/14/2021	11:52:43	78792.25	394755.24	40.24	Soil	11,940	0.53
08/14/2021	11:52:44	78792.06	394755.06	40.19	Soil	9,900	-0.88
08/14/2021	11:52:45	78791.83	394755.07	40.19	Soil	12,720	1.07
08/14/2021	11:52:46	78791.66	394754.97	40.15	Soil	10,800	-0.25
08/14/2021	11:52:47	78791.40	394755.05	40.17	Soil	12,780	1.11
08/14/2021	11:52:48	78791.11	394754.94	40.17	Soil	12,660	1.03
08/14/2021	11:52:49	78790.87	394755.01	40.21	Soil	13,380	1.53
08/14/2021	11:52:50	78790.71	394755.03	40.23	Soil	13,740	1.78
08/14/2021	11:52:51	78790.59	394755.17	40.22	Soil	14,760	2.48
08/14/2021	11:52:52	78790.61	394755.13	40.25	Soil	14,700	2.44
08/14/2021	11:52:53	78790.66	394755.12	40.22	Soil	13,140	1.36
08/14/2021	11:52:54	78790.70	394755.11	40.20	Soil	11,760	0.41
08/14/2021	11:52:55	78790.78	394755.14	40.18	Soil	13,320	1.49
08/14/2021	11:52:56	78790.97	394755.15	40.15	Soil	11,160	-0.01
08/14/2021	11:52:57	78791.21	394755.18	40.14	Soil	10,980	-0.13
08/14/2021	11:52:58	78791.45	394755.21	40.13	Soil	13,200	1.41
08/14/2021	11:52:59	78791.63	394755.26	40.17	Soil	11,640	0.33
08/14/2021	11:53:00	78791.86	394755.30	40.21	Soil	11,700	0.37
08/14/2021	11:53:01	78792.06	394755.44	40.26	Soil	11,220	0.04
08/14/2021	11:53:02	78792.27	394755.35	40.32	Soil	9,720	-1.00
08/14/2021	11:53:03	78792.50	394755.46	40.32	Soil	11,100	-0.05
08/14/2021	11:53:04	78792.70	394755.43	40.38	Soil	11,520	0.24
08/14/2021	11:53:05	78792.89	394755.50	40.42	Soil	12,720	1.07
08/14/2021	11:53:06	78793.03	394755.57	40.45	Soil	11,760	0.41
08/14/2021	11:53:07	78793.26	394755.60	40.47	Soil	11,640	0.33
08/14/2021	11:53:08	78793.56	394755.67	40.61	Soil	12,600	0.99
08/14/2021	11:53:16	78793.38	394756.12	40.54	Soil	12,540	0.95
08/14/2021	11:53:17	78793.28	394755.96	40.48	Soil	12,000	0.58
08/14/2021	11:53:18	78793.10	394755.97	40.42	Soil	12,480	0.91
08/14/2021	11:53:19	78792.99	394755.78	40.40	Soil	12,000	0.58
08/14/2021	11:53:20	78792.80	394755.80	40.37	Soil	12,060	0.62
08/14/2021	11:53:21	78792.69	394755.66	40.37	Soil	12,720	1.07
08/14/2021	11:53:22	78792.50	394755.66	40.33	Soil	12,060	0.62
08/14/2021	11:53:23	78792.31	394755.53	40.31	Soil	13,740	1.78

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08/14/2021	11:53:24	78792.10	394755.52	40.29	Soil	11,160	-0.01
08/14/2021	11:53:25	78791.89	394755.55	40.28	Soil	12,720	1.07
08/14/2021	11:53:26	78791.65	394755.51	40.24	Soil	9,960	-0.84
08/14/2021	11:53:27	78791.37	394755.59	40.24	Soil	10,620	-0.38
08/14/2021	11:53:28	78791.12	394755.43	40.19	Soil	13,080	1.32
08/14/2021	11:53:29	78790.88	394755.50	40.20	Soil	12,660	1.03
08/14/2021	11:53:30	78790.61	394755.43	40.19	Soil	13,260	1.45
08/14/2021	11:53:31	78790.50	394755.62	40.19	Soil	14,100	2.03
08/14/2021	11:53:32	78790.53	394755.63	40.26	Soil	13,740	1.78
08/14/2021	11:53:33	78790.52	394755.66	40.29	Soil	13,620	1.70
08/14/2021	11:53:34	78790.62	394755.60	40.26	Soil	14,520	2.32
08/14/2021	11:53:35	78790.74	394755.67	40.26	Soil	14,040	1.99
08/14/2021	11:53:36	78790.93	394755.68	40.22	Soil	13,260	1.45
08/14/2021	11:53:37	78791.08	394755.82	40.20	Soil	11,280	0.08
08/14/2021	11:53:38	78791.25	394755.85	40.22	Soil	12,420	0.87
08/14/2021	11:53:39	78791.37	394755.95	40.22	Soil	12,720	1.07
08/14/2021	11:53:40	78791.49	394755.92	40.22	Soil	12,360	0.82
08/14/2021	11:53:41	78791.62	394755.93	40.22	Soil	12,900	1.20
08/14/2021	11:53:42	78791.82	394755.88	40.23	Soil	13,020	1.28
08/14/2021	11:53:43	78791.98	394755.76	40.25	Soil	11,460	0.20
08/14/2021	11:53:44	78792.20	394755.84	40.28	Soil	12,900	1.20
08/14/2021	11:53:45	78792.47	394755.84	40.32	Soil	11,160	-0.01
08/14/2021	11:53:46	78792.57	394756.00	40.33	Soil	11,400	0.16
08/14/2021	11:53:47	78792.88	394755.97	40.40	Soil	11,460	0.20
08/14/2021	11:53:48	78793.17	394756.08	40.48	Soil	11,100	-0.05
08/14/2021	11:53:49	78793.41	394756.04	40.65	Soil	11,280	0.08
08/14/2021	11:53:55	78793.48	394756.61	40.59	Soil	12,540	0.95
08/14/2021	11:53:56	78793.39	394756.57	40.54	Soil	14,280	2.15
08/14/2021	11:53:57	78793.32	394756.46	40.50	Soil	10,680	-0.34
08/14/2021	11:53:58	78793.14	394756.46	40.47	Soil	12,240	0.74
08/14/2021	11:53:59	78793.05	394756.26	40.45	Soil	11,940	0.53
08/14/2021	11:54:00	78792.97	394756.20	40.44	Soil	12,900	1.20
08/14/2021	11:54:01	78792.89	394756.11	40.43	Soil	11,220	0.04
08/14/2021	11:54:02	78792.75	394756.13	40.44	Soil	11,100	-0.05
08/14/2021	11:54:03	78792.66	394756.00	40.44	Soil	12,000	0.58
08/14/2021	11:54:04	78792.51	394755.99	40.42	Soil	12,060	0.62
08/14/2021	11:54:05	78792.38	394755.89	40.42	Soil	12,360	0.82
08/14/2021	11:54:06	78792.20	394755.86	40.39	Soil	11,340	0.12
08/14/2021	11:54:07	78792.05	394755.77	40.41	Soil	12,360	0.82
08/14/2021	11:54:08	78791.88	394755.80	40.39	Soil	13,080	1.32
08/14/2021	11:54:09	78791.67	394755.73	40.40	Soil	13,260	1.45
08/14/2021	11:54:10	78791.50	394755.72	40.41	Soil	13,080	1.32
08/14/2021	11:54:11	78791.36	394755.73	40.43	Soil	11,940	0.53
08/14/2021	11:54:12	78791.19	394755.71	40.43	Soil	11,280	0.08
08/14/2021	11:54:13	78790.91	394755.70	40.43	Soil	12,360	0.82
08/14/2021	11:54:14	78790.75	394755.68	40.47	Soil	13,200	1.41
08/14/2021	11:54:15	78790.59	394755.74	40.52	Soil	12,000	0.58
08/14/2021	11:54:16	78790.53	394755.90	40.55	Soil	13,980	1.94
08/14/2021	11:54:17	78790.42	394756.07	40.57	Soil	11,880	0.49
08/14/2021	11:54:18	78790.45	394756.02	40.57	Soil	12,480	0.91
08/14/2021	11:54:19	78790.52	394756.09	40.52	Soil	13,920	1.90

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08/14/2021	11:54:20	78790.73	394756.02	40.49	Soil	12,900	1.20
08/14/2021	11:54:21	78790.89	394756.09	40.45	Soil	11,520	0.24
08/14/2021	11:54:22	78791.14	394755.99	40.45	Soil	11,640	0.33
08/14/2021	11:54:23	78791.34	394756.06	40.45	Soil	12,420	0.87
08/14/2021	11:54:24	78791.51	394755.97	40.48	Soil	11,820	0.45
08/14/2021	11:54:25	78791.68	394756.06	40.45	Soil	11,220	0.04
08/14/2021	11:54:26	78791.88	394755.96	40.46	Soil	12,540	0.95
08/14/2021	11:54:27	78792.03	394756.03	40.46	Soil	13,020	1.28
08/14/2021	11:54:28	78792.22	394756.02	40.48	Soil	12,600	0.99
08/14/2021	11:54:29	78792.43	394756.07	40.52	Soil	13,140	1.36
08/14/2021	11:54:30	78792.64	394756.06	40.55	Soil	10,620	-0.38
08/14/2021	11:54:31	78792.75	394756.28	40.61	Soil	13,380	1.53
08/14/2021	11:54:32	78792.97	394756.23	40.67	Soil	12,300	0.78
08/14/2021	11:54:33	78793.09	394756.43	40.72	Soil	11,220	0.04
08/14/2021	11:54:34	78793.31	394756.50	40.81	Soil	11,160	-0.01
08/14/2021	11:54:35	78793.42	394756.58	40.87	Soil	11,040	-0.09
08/14/2021	11:54:36	78793.45	394756.67	40.89	Soil	12,300	0.78
08/14/2021	11:54:37	78793.37	394756.62	40.83	Soil	11,820	0.45
08/14/2021	11:54:38	78793.15	394756.75	40.80	Soil	12,480	0.91
08/14/2021	11:54:39	78793.05	394756.59	40.74	Soil	11,160	-0.01
08/14/2021	11:54:40	78792.88	394756.60	40.70	Soil	11,460	0.20
08/14/2021	11:54:41	78792.75	394756.53	40.66	Soil	10,980	-0.13
08/14/2021	11:54:42	78792.59	394756.63	40.65	Soil	12,060	0.62
08/14/2021	11:54:43	78792.49	394756.51	40.63	Soil	12,420	0.87
08/14/2021	11:54:44	78792.30	394756.52	40.58	Soil	11,640	0.33
08/14/2021	11:54:45	78792.16	394756.39	40.52	Soil	10,680	-0.34
08/14/2021	11:54:46	78792.00	394756.46	40.49	Soil	11,940	0.53
08/14/2021	11:54:47	78791.89	394756.28	40.47	Soil	11,880	0.49
08/14/2021	11:54:48	78791.70	394756.30	40.48	Soil	12,900	1.20
08/14/2021	11:54:49	78791.57	394756.15	40.48	Soil	11,880	0.49
08/14/2021	11:54:50	78791.39	394756.21	40.50	Soil	13,380	1.53
08/14/2021	11:54:51	78791.25	394756.08	40.48	Soil	11,100	-0.05
08/14/2021	11:54:52	78791.10	394756.14	40.47	Soil	13,260	1.45
08/14/2021	11:54:53	78790.98	394756.06	40.45	Soil	13,260	1.45
08/14/2021	11:54:54	78790.82	394756.10	40.47	Soil	12,720	1.07
08/14/2021	11:54:55	78790.69	394756.12	40.49	Soil	13,320	1.49
08/14/2021	11:54:56	78790.57	394756.04	40.51	Soil	14,880	2.57
08/14/2021	11:54:57	78790.57	394756.24	40.52	Soil	15,420	2.94
08/14/2021	11:54:58	78790.41	394756.39	40.54	Soil	13,320	1.49
08/14/2021	11:54:59	78790.43	394756.22	40.56	Soil	12,840	1.16
08/14/2021	11:55:00	78790.48	394756.16	40.57	Soil	13,260	1.45
08/14/2021	11:55:01	78790.53	394756.17	40.52	Soil	13,620	1.70
08/14/2021	11:55:02	78790.70	394756.06	40.51	Soil	11,580	0.28
08/14/2021	11:55:03	78790.80	394756.19	40.47	Soil	13,380	1.53
08/14/2021	11:55:04	78790.98	394756.01	40.43	Soil	11,160	-0.01
08/14/2021	11:55:05	78791.13	394756.17	40.41	Soil	13,380	1.53
08/14/2021	11:55:06	78791.30	394756.27	40.43	Soil	10,980	-0.13
08/14/2021	11:55:07	78791.42	394756.24	40.43	Soil	13,320	1.49
08/14/2021	11:55:08	78791.52	394756.41	40.43	Soil	12,900	1.20
08/14/2021	11:55:09	78791.81	394756.39	40.44	Soil	11,700	0.37
08/14/2021	11:55:10	78792.05	394756.56	40.42	Soil	12,900	1.20

SU 7C GWS RESULTS

08/14/2021	11:55:11	78792.27	394756.47	40.51	Soil	12,600	0.99
08/14/2021	11:55:12	78792.45	394756.58	40.56	Soil	11,520	0.24
08/14/2021	11:55:13	78792.63	394756.59	40.59	Soil	12,660	1.03
08/14/2021	11:55:14	78792.79	394756.66	40.62	Soil	13,560	1.65
08/14/2021	11:55:15	78792.97	394756.75	40.64	Soil	13,020	1.28
08/14/2021	11:55:16	78793.17	394756.82	40.71	Soil	10,440	-0.50
08/14/2021	11:55:17	78793.39	394756.82	40.82	Soil	12,780	1.11
08/14/2021	11:55:20	78793.35	394757.19	40.88	Soil	10,740	-0.30
08/14/2021	11:55:21	78793.26	394757.08	40.82	Soil	11,280	0.08
08/14/2021	11:55:22	78793.13	394757.08	40.77	Soil	11,580	0.28
08/14/2021	11:55:23	78793.03	394756.92	40.72	Soil	13,320	1.49
08/14/2021	11:55:24	78792.84	394756.99	40.67	Soil	12,000	0.58
08/14/2021	11:55:25	78792.67	394756.98	40.66	Soil	10,200	-0.67
08/14/2021	11:55:26	78792.52	394756.92	40.61	Soil	12,420	0.87
08/14/2021	11:55:27	78792.40	394756.85	40.59	Soil	11,040	-0.09
08/14/2021	11:55:28	78792.25	394756.86	40.58	Soil	11,580	0.28
08/14/2021	11:55:29	78792.10	394756.87	40.54	Soil	13,020	1.28
08/14/2021	11:55:30	78791.88	394756.92	40.52	Soil	11,040	-0.09
08/14/2021	11:55:31	78791.71	394756.85	40.49	Soil	10,860	-0.21
08/14/2021	11:55:32	78791.50	394756.81	40.49	Soil	10,920	-0.17
08/14/2021	11:55:33	78791.34	394756.77	40.50	Soil	10,860	-0.21
08/14/2021	11:55:34	78791.16	394756.78	40.50	Soil	12,780	1.11
08/14/2021	11:55:35	78790.95	394756.73	40.49	Soil	12,000	0.58
08/14/2021	11:55:36	78790.69	394756.68	40.52	Soil	10,980	-0.13
08/14/2021	11:55:37	78790.61	394756.61	40.54	Soil	11,820	0.45
08/14/2021	11:55:38	78790.45	394756.44	40.57	Soil	11,280	0.08
08/14/2021	11:55:39	78790.47	394756.46	40.55	Soil	10,500	-0.46
08/14/2021	11:55:40	78790.62	394756.56	40.52	Soil	10,500	-0.46
08/14/2021	11:55:41	78790.82	394756.49	40.47	Soil	11,280	0.08
08/14/2021	11:55:42	78791.02	394756.45	40.45	Soil	12,240	0.74
08/14/2021	11:55:43	78791.26	394756.44	40.44	Soil	11,880	0.49
08/14/2021	11:55:44	78791.47	394756.48	40.46	Soil	11,580	0.28
08/14/2021	11:55:45	78791.74	394756.57	40.45	Soil	12,300	0.78
08/14/2021	11:55:46	78792.02	394756.63	40.44	Soil	12,840	1.16
08/14/2021	11:55:47	78792.23	394756.71	40.49	Soil	13,200	1.41
08/14/2021	11:55:48	78792.38	394756.81	40.52	Soil	12,180	0.70
08/14/2021	11:55:49	78792.52	394756.92	40.53	Soil	11,760	0.41
08/14/2021	11:55:50	78792.72	394756.85	40.61	Soil	12,360	0.82
08/14/2021	11:55:51	78792.93	394756.77	40.67	Soil	12,240	0.74
08/14/2021	11:55:52	78793.07	394756.67	40.71	Soil	10,620	-0.38
08/14/2021	11:55:53	78793.12	394756.74	40.73	Soil	10,260	-0.63
08/14/2021	11:55:54	78793.08	394756.58	40.73	Soil	10,560	-0.42
08/14/2021	11:55:55	78793.10	394756.39	40.76	Soil	12,780	1.11
08/14/2021	11:55:56	78793.07	394756.22	40.73	Soil	12,720	1.07
08/14/2021	11:55:57	78792.96	394756.29	40.72	Soil	13,080	1.32
08/14/2021	11:55:58	78792.83	394756.29	40.65	Soil	12,780	1.11
08/14/2021	11:55:59	78792.64	394756.30	40.66	Soil	10,500	-0.46
08/14/2021	11:56:00	78792.49	394756.40	40.65	Soil	11,940	0.53
08/14/2021	11:56:01	78792.36	394756.37	40.63	Soil	11,160	-0.01
08/14/2021	11:56:02	78792.22	394756.36	40.55	Soil	12,060	0.62
08/14/2021	11:56:03	78792.04	394756.42	40.52	Soil	12,180	0.70

SU 7C GWS RESULTS

08/14/2021	11:56:04	78791.87	394756.24	40.50	Soil	13,140	1.36
08/14/2021	11:56:05	78791.78	394756.43	40.47	Soil	11,100	-0.05
08/14/2021	11:56:06	78791.78	394756.63	40.48	Soil	10,920	-0.17
08/14/2021	11:56:07	78791.80	394756.68	40.46	Soil	12,480	0.91
08/14/2021	11:56:08	78791.75	394756.56	40.45	Soil	13,380	1.53
08/14/2021	11:56:09	78791.53	394756.62	40.47	Soil	11,700	0.37
08/14/2021	11:56:10	78791.31	394756.54	40.48	Soil	12,000	0.58
08/14/2021	11:56:11	78791.05	394756.62	40.47	Soil	11,340	0.12
08/14/2021	11:56:12	78790.75	394756.49	40.47	Soil	11,220	0.04
08/14/2021	11:56:13	78790.57	394756.59	40.52	Soil	13,440	1.57
08/14/2021	11:56:14	78790.50	394756.72	40.53	Soil	12,540	0.95
08/14/2021	11:56:15	78790.41	394756.97	40.52	Soil	12,600	0.99
08/14/2021	11:56:16	78790.46	394756.98	40.54	Soil	12,420	0.87
08/14/2021	11:56:17	78790.38	394757.12	40.55	Soil	13,200	1.41
08/14/2021	11:56:18	78790.40	394757.05	40.54	Soil	11,760	0.41
08/14/2021	11:56:19	78790.47	394757.12	40.49	Soil	13,320	1.49
08/14/2021	11:56:20	78790.62	394757.12	40.48	Soil	12,120	0.66
08/14/2021	11:56:21	78790.80	394757.04	40.46	Soil	12,060	0.62
08/14/2021	11:56:22	78790.90	394757.15	40.43	Soil	10,920	-0.17
08/14/2021	11:56:23	78791.03	394757.05	40.43	Soil	11,580	0.28
08/14/2021	11:56:24	78791.12	394757.17	40.41	Soil	10,980	-0.13
08/14/2021	11:56:25	78791.31	394757.14	40.45	Soil	13,200	1.41
08/14/2021	11:56:26	78791.44	394757.21	40.46	Soil	11,880	0.49
08/14/2021	11:56:27	78791.61	394757.23	40.46	Soil	10,800	-0.25
08/14/2021	11:56:28	78791.77	394757.24	40.49	Soil	13,980	1.94
08/14/2021	11:56:29	78791.96	394757.28	40.50	Soil	12,420	0.87
08/14/2021	11:56:30	78792.16	394757.29	40.54	Soil	11,460	0.20
08/14/2021	11:56:31	78792.36	394757.38	40.53	Soil	12,420	0.87
08/14/2021	11:56:32	78792.58	394757.36	40.58	Soil	11,400	0.16
08/14/2021	11:56:33	78792.79	394757.38	40.66	Soil	12,660	1.03
08/14/2021	11:56:34	78792.93	394757.34	40.70	Soil	10,860	-0.21
08/14/2021	11:56:35	78793.04	394757.46	40.73	Soil	12,780	1.11
08/14/2021	11:56:36	78793.17	394757.38	40.79	Soil	12,000	0.58
08/14/2021	11:56:37	78793.30	394757.51	40.86	Soil	11,100	-0.05
08/14/2021	11:56:41	78793.44	394757.12	40.93	Soil	11,220	0.04
08/14/2021	11:56:42	78793.32	394757.15	40.90	Soil	11,820	0.45
08/14/2021	11:56:43	78793.19	394757.06	40.82	Soil	13,020	1.28
08/14/2021	11:56:44	78793.03	394757.02	40.76	Soil	11,940	0.53
08/14/2021	11:56:45	78792.91	394756.87	40.72	Soil	12,660	1.03
08/14/2021	11:56:46	78792.67	394756.89	40.67	Soil	13,200	1.41
08/14/2021	11:56:47	78792.53	394756.93	40.62	Soil	12,120	0.66
08/14/2021	11:56:48	78792.44	394757.09	40.61	Soil	11,220	0.04
08/14/2021	11:56:49	78792.35	394757.07	40.57	Soil	12,840	1.16
08/14/2021	11:56:50	78792.21	394757.18	40.56	Soil	11,100	-0.05
08/14/2021	11:56:51	78792.07	394757.11	40.53	Soil	11,880	0.49
08/14/2021	11:56:52	78791.79	394757.12	40.51	Soil	12,180	0.70
08/14/2021	11:56:53	78791.56	394757.01	40.48	Soil	13,680	1.74
08/14/2021	11:56:54	78791.32	394757.04	40.47	Soil	11,220	0.04
08/14/2021	11:56:55	78791.09	394756.94	40.47	Soil	12,360	0.82
08/14/2021	11:56:56	78790.79	394756.97	40.50	Soil	12,900	1.20
08/14/2021	11:56:57	78790.55	394756.81	40.50	Soil	12,360	0.82

SU 7C GWS RESULTS

08/14/2021	11:56:58	78790.53	394756.89	40.52	Soil	13,260	1.45
08/14/2021	11:56:59	78790.38	394757.06	40.53	Soil	10,980	-0.13
08/14/2021	11:57:00	78790.41	394757.24	40.53	Soil	13,980	1.94
08/14/2021	11:57:01	78790.38	394757.45	40.53	Soil	12,000	0.58
08/14/2021	11:57:02	78790.42	394757.44	40.48	Soil	13,320	1.49
08/14/2021	11:57:03	78790.57	394757.47	40.43	Soil	11,220	0.04
08/14/2021	11:57:04	78790.73	394757.42	40.42	Soil	13,140	1.36
08/14/2021	11:57:05	78790.83	394757.50	40.39	Soil	11,880	0.49
08/14/2021	11:57:06	78791.01	394757.47	40.39	Soil	12,540	0.95
08/14/2021	11:57:07	78791.15	394757.54	40.38	Soil	10,860	-0.21
08/14/2021	11:57:08	78791.33	394757.45	40.41	Soil	11,340	0.12
08/14/2021	11:57:09	78791.49	394757.51	40.42	Soil	10,980	-0.13
08/14/2021	11:57:10	78791.68	394757.44	40.47	Soil	13,560	1.65
08/14/2021	11:57:11	78791.85	394757.52	40.46	Soil	10,620	-0.38
08/14/2021	11:57:12	78792.07	394757.48	40.51	Soil	11,040	-0.09
08/14/2021	11:57:13	78792.28	394757.52	40.53	Soil	10,860	-0.21
08/14/2021	11:57:14	78792.55	394757.43	40.59	Soil	13,080	1.32
08/14/2021	11:57:15	78792.77	394757.54	40.66	Soil	11,280	0.08
08/14/2021	11:57:16	78792.96	394757.53	40.72	Soil	12,900	1.20
08/14/2021	11:57:17	78793.21	394757.60	40.74	Soil	12,840	1.16
08/14/2021	11:57:22	78793.26	394757.53	40.87	Soil	12,060	0.62
08/14/2021	11:57:23	78793.03	394757.41	40.77	Soil	11,760	0.41
08/14/2021	11:57:24	78792.83	394757.28	40.63	Soil	12,480	0.91
08/14/2021	11:57:25	78792.67	394757.31	40.62	Soil	11,700	0.37
08/14/2021	11:57:26	78792.55	394757.38	40.58	Soil	13,380	1.53
08/14/2021	11:57:27	78792.45	394757.33	40.55	Soil	12,540	0.95
08/14/2021	11:57:28	78792.36	394757.44	40.51	Soil	13,680	1.74
08/14/2021	11:57:29	78792.20	394757.43	40.50	Soil	11,820	0.45
08/14/2021	11:57:30	78792.01	394757.45	40.48	Soil	12,240	0.74
08/14/2021	11:57:31	78791.84	394757.39	40.47	Soil	12,660	1.03
08/14/2021	11:57:32	78791.62	394757.36	40.47	Soil	12,600	0.99
08/14/2021	11:57:33	78791.44	394757.32	40.44	Soil	13,800	1.82
08/14/2021	11:57:34	78791.22	394757.31	40.44	Soil	10,920	-0.17
08/14/2021	11:57:35	78790.96	394757.32	40.46	Soil	13,080	1.32
08/14/2021	11:57:36	78790.73	394757.35	40.47	Soil	12,180	0.70
08/14/2021	11:57:37	78790.59	394757.44	40.48	Soil	11,220	0.04
08/14/2021	11:57:38	78790.46	394757.60	40.49	Soil	11,700	0.37
08/14/2021	11:57:39	78790.37	394757.68	40.55	Soil	13,860	1.86
08/14/2021	11:57:40	78790.38	394757.72	40.50	Soil	13,380	1.53
08/14/2021	11:57:41	78790.53	394757.75	40.45	Soil	13,380	1.53
08/14/2021	11:57:42	78790.70	394757.71	40.43	Soil	12,180	0.70
08/14/2021	11:57:43	78790.81	394757.84	40.41	Soil	13,440	1.57
08/14/2021	11:57:44	78791.02	394757.81	40.40	Soil	11,580	0.28
08/14/2021	11:57:45	78791.18	394757.85	40.39	Soil	11,760	0.41
08/14/2021	11:57:46	78791.39	394757.76	40.40	Soil	10,500	-0.46
08/14/2021	11:57:47	78791.59	394757.79	40.40	Soil	13,620	1.70
08/14/2021	11:57:48	78791.78	394757.76	40.45	Soil	12,240	0.74
08/14/2021	11:57:49	78791.92	394757.76	40.47	Soil	10,320	-0.59
08/14/2021	11:57:50	78791.99	394757.81	40.46	Soil	10,320	-0.59
08/14/2021	11:57:51	78792.10	394757.72	40.48	Soil	10,500	-0.46
08/14/2021	11:57:52	78792.20	394757.71	40.49	Soil	12,300	0.78

SU 7C GWS RESULTS

08/14/2021	11:57:53	78792.38	394757.85	40.50	Soil	13,260	1.45
08/14/2021	11:57:54	78792.57	394757.84	40.58	Soil	13,800	1.82
08/14/2021	11:57:55	78792.71	394757.86	40.62	Soil	12,420	0.87
08/14/2021	11:57:56	78792.81	394757.80	40.68	Soil	12,780	1.11
08/14/2021	11:57:57	78792.96	394757.82	40.72	Soil	9,540	-1.13
08/14/2021	11:57:58	78793.14	394757.71	40.77	Soil	11,220	0.04
08/14/2021	11:57:59	78793.30	394757.80	40.84	Soil	11,700	0.37
08/14/2021	11:58:05	78793.16	394758.07	40.68	Soil	11,400	0.16
08/14/2021	11:58:06	78792.98	394758.11	40.67	Soil	11,040	-0.09
08/14/2021	11:58:07	78792.88	394758.02	40.62	Soil	12,600	0.99
08/14/2021	11:58:08	78792.78	394757.93	40.60	Soil	11,460	0.20
08/14/2021	11:58:09	78792.65	394757.81	40.53	Soil	11,460	0.20
08/14/2021	11:58:10	78792.43	394757.79	40.51	Soil	12,600	0.99
08/14/2021	11:58:11	78792.19	394757.74	40.45	Soil	13,440	1.57
08/14/2021	11:58:12	78791.98	394757.68	40.46	Soil	11,700	0.37
08/14/2021	11:58:13	78791.79	394757.57	40.45	Soil	11,760	0.41
08/14/2021	11:58:14	78791.47	394757.68	40.43	Soil	12,060	0.62
08/14/2021	11:58:15	78791.16	394757.65	40.44	Soil	10,260	-0.63
08/14/2021	11:58:16	78790.89	394757.66	40.44	Soil	14,640	2.40
08/14/2021	11:58:17	78790.62	394757.73	40.49	Soil	15,240	2.82
08/14/2021	11:58:18	78790.34	394757.81	40.53	Soil	14,640	2.40
08/14/2021	11:58:19	78790.28	394757.79	40.54	Soil	13,380	1.53
08/14/2021	11:58:20	78790.27	394757.92	40.55	Soil	13,920	1.90
08/14/2021	11:58:21	78790.32	394757.89	40.54	Soil	14,580	2.36
08/14/2021	11:58:22	78790.40	394757.97	40.48	Soil	13,200	1.41
08/14/2021	11:58:23	78790.55	394757.89	40.46	Soil	10,980	-0.13
08/14/2021	11:58:24	78790.72	394757.92	40.40	Soil	13,680	1.74
08/14/2021	11:58:25	78790.97	394757.87	40.36	Soil	12,060	0.62
08/14/2021	11:58:26	78791.14	394757.89	40.35	Soil	12,780	1.11
08/14/2021	11:58:27	78791.35	394757.86	40.36	Soil	11,760	0.41
08/14/2021	11:58:28	78791.59	394757.88	40.36	Soil	11,100	-0.05
08/14/2021	11:58:29	78791.85	394757.88	40.37	Soil	11,880	0.49
08/14/2021	11:58:30	78792.11	394757.93	40.37	Soil	13,140	1.36
08/14/2021	11:58:31	78792.38	394758.00	40.39	Soil	13,020	1.28
08/14/2021	11:58:32	78792.63	394757.90	40.56	Soil	11,280	0.08
08/14/2021	11:58:33	78792.84	394758.00	40.63	Soil	11,880	0.49
08/14/2021	11:58:34	78793.07	394757.91	40.72	Soil	11,580	0.28
08/14/2021	11:58:35	78793.25	394757.95	40.72	Soil	10,140	-0.71
08/14/2021	11:58:36	78793.35	394758.21	40.94	Soil	10,980	-0.13
08/14/2021	11:58:39	78793.34	394758.29	40.92	Soil	13,380	1.53
08/14/2021	11:58:40	78793.03	394758.22	40.58	Soil	11,460	0.20
08/14/2021	11:58:41	78792.88	394758.32	40.58	Soil	11,220	0.04
08/14/2021	11:58:42	78792.85	394758.26	40.58	Soil	12,960	1.24
08/14/2021	11:58:43	78792.72	394758.14	40.51	Soil	10,260	-0.63
08/14/2021	11:58:44	78792.58	394758.13	40.50	Soil	13,800	1.82
08/14/2021	11:58:45	78792.43	394758.01	40.44	Soil	10,920	-0.17
08/14/2021	11:58:46	78792.25	394758.01	40.42	Soil	12,000	0.58
08/14/2021	11:58:47	78792.03	394757.95	40.41	Soil	10,140	-0.71
08/14/2021	11:58:48	78791.84	394757.98	40.39	Soil	12,720	1.07
08/14/2021	11:58:49	78791.58	394757.95	40.42	Soil	12,780	1.11
08/14/2021	11:58:50	78791.30	394757.97	40.43	Soil	11,460	0.20

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08/14/2021	11:58:51	78791.08	394757.97	40.44	Soil	11,400	0.16
08/14/2021	11:58:52	78790.83	394757.95	40.47	Soil	11,460	0.20
08/14/2021	11:58:53	78790.62	394758.00	40.50	Soil	13,200	1.41
08/14/2021	11:58:54	78790.41	394758.08	40.52	Soil	14,760	2.48
08/14/2021	11:58:55	78790.27	394758.22	40.53	Soil	13,380	1.53
08/14/2021	11:58:56	78790.31	394758.23	40.56	Soil	13,320	1.49
08/14/2021	11:58:57	78790.40	394758.25	40.51	Soil	12,840	1.16
08/14/2021	11:58:58	78790.57	394758.14	40.52	Soil	12,420	0.87
08/14/2021	11:58:59	78790.76	394758.17	40.47	Soil	11,520	0.24
08/14/2021	11:59:00	78791.05	394758.10	40.47	Soil	12,060	0.62
08/14/2021	11:59:01	78791.34	394758.13	40.42	Soil	10,140	-0.71
08/14/2021	11:59:02	78791.70	394758.09	40.40	Soil	11,820	0.45
08/14/2021	11:59:03	78792.07	394758.13	40.36	Soil	11,280	0.08
08/14/2021	11:59:04	78792.36	394758.22	40.49	Soil	11,220	0.04
08/14/2021	11:59:05	78792.48	394758.32	40.54	Soil	11,100	-0.05
08/14/2021	11:59:06	78792.72	394758.28	40.67	Soil	11,160	-0.01
08/14/2021	11:59:07	78792.84	394758.39	40.67	Soil	11,580	0.28
08/14/2021	11:59:08	78792.89	394758.43	40.64	Soil	13,020	1.28
08/14/2021	11:59:09	78792.91	394758.51	40.61	Soil	11,640	0.33
08/14/2021	11:59:10	78792.88	394758.57	40.60	Soil	12,120	0.66
08/14/2021	11:59:11	78792.78	394758.64	40.51	Soil	11,880	0.49
08/14/2021	11:59:12	78792.63	394758.84	40.44	Soil	10,860	-0.21
08/14/2021	11:59:13	78792.53	394758.76	40.40	Soil	13,440	1.57
08/14/2021	11:59:14	78792.34	394758.65	40.28	Soil	11,460	0.20
08/14/2021	11:59:15	78792.11	394758.57	40.26	Soil	11,100	-0.05
08/14/2021	11:59:16	78792.04	394758.56	40.24	Soil	11,940	0.53
08/14/2021	11:59:17	78791.97	394758.46	40.23	Soil	10,920	-0.17
08/14/2021	11:59:18	78791.64	394758.35	40.16	Soil	10,140	-0.71
08/14/2021	11:59:19	78791.18	394758.39	40.27	Soil	12,420	0.87
08/14/2021	11:59:20	78790.85	394758.31	40.33	Soil	10,620	-0.38
08/14/2021	11:59:21	78790.55	394758.34	40.43	Soil	12,540	0.95
08/14/2021	11:59:22	78790.32	394758.29	40.45	Soil	15,900	3.27
08/14/2021	11:59:23	78790.33	394758.21	40.42	Soil	13,860	1.86
08/14/2021	11:59:24	78790.38	394757.94	40.46	Soil	13,200	1.41
08/14/2021	11:59:25	78790.44	394757.97	40.45	Soil	11,520	0.24
08/14/2021	11:59:26	78790.57	394757.93	40.45	Soil	12,600	0.99
08/14/2021	11:59:27	78790.73	394757.97	40.42	Soil	10,560	-0.42
08/14/2021	11:59:28	78791.00	394757.93	40.42	Soil	13,440	1.57
08/14/2021	11:59:29	78791.24	394757.97	40.39	Soil	10,860	-0.21
08/14/2021	11:59:30	78791.53	394757.91	40.42	Soil	12,660	1.03
08/14/2021	11:59:31	78791.83	394757.98	40.38	Soil	11,640	0.33
08/14/2021	11:59:32	78792.14	394758.06	40.43	Soil	12,420	0.87
08/14/2021	11:59:33	78792.39	394758.17	40.52	Soil	11,520	0.24
08/14/2021	11:59:34	78792.65	394758.25	40.59	Soil	12,480	0.91
08/14/2021	11:59:35	78792.80	394758.43	40.60	Soil	11,940	0.53
08/14/2021	11:59:36	78792.97	394758.56	40.53	Soil	13,620	1.70
08/14/2021	11:59:45	78793.32	394758.71	40.90	Soil	11,880	0.49
08/14/2021	11:59:46	78793.28	394758.80	40.89	Soil	9,720	-1.00
08/14/2021	11:59:47	78793.22	394758.74	40.85	Soil	10,800	-0.25
08/14/2021	11:59:48	78793.17	394758.84	40.86	Soil	10,860	-0.21
08/14/2021	11:59:49	78793.07	394758.72	40.58	Soil	11,340	0.12

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08/14/2021	11:59:50	78792.92	394758.51	40.59	Soil	11,280	0.08
08/14/2021	11:59:51	78792.84	394758.42	40.60	Soil	9,900	-0.88
08/14/2021	11:59:52	78792.79	394758.46	40.57	Soil	12,480	0.91
08/14/2021	11:59:53	78792.73	394758.59	40.53	Soil	12,120	0.66
08/14/2021	11:59:54	78792.61	394758.51	40.48	Soil	12,420	0.87
08/14/2021	11:59:55	78792.50	394758.40	40.43	Soil	11,100	-0.05
08/14/2021	11:59:56	78792.30	394758.54	40.35	Soil	10,980	-0.13
08/14/2021	11:59:57	78792.11	394758.55	40.31	Soil	11,340	0.12
08/14/2021	11:59:58	78791.88	394758.45	40.21	Soil	11,460	0.20
08/14/2021	11:59:59	78791.65	394758.44	40.21	Soil	11,340	0.12
08/14/2021	12:00:00	78791.40	394758.27	40.30	Soil	11,100	-0.05
08/14/2021	12:00:01	78791.17	394758.29	40.27	Soil	10,980	-0.13
08/14/2021	12:00:02	78791.07	394758.34	40.29	Soil	11,160	-0.01
08/14/2021	12:00:03	78790.95	394758.30	40.39	Soil	11,400	0.16
08/14/2021	12:00:04	78790.77	394758.30	40.43	Soil	12,600	0.99
08/14/2021	12:00:05	78790.58	394758.29	40.45	Soil	12,060	0.62
08/14/2021	12:00:06	78790.41	394758.24	40.49	Soil	13,020	1.28
08/14/2021	12:00:07	78790.35	394758.25	40.52	Soil	14,220	2.11
08/14/2021	12:00:08	78790.27	394758.42	40.51	Soil	13,080	1.32
08/14/2021	12:00:09	78790.19	394758.63	40.51	Soil	12,540	0.95
08/14/2021	12:00:10	78790.25	394758.60	40.55	Soil	14,400	2.24
08/14/2021	12:00:11	78790.38	394758.62	40.53	Soil	13,140	1.36
08/14/2021	12:00:12	78790.59	394758.52	40.49	Soil	12,060	0.62
08/14/2021	12:00:13	78790.71	394758.39	40.48	Soil	12,300	0.78
08/14/2021	12:00:14	78790.79	394758.57	40.36	Soil	11,280	0.08
08/14/2021	12:00:15	78790.99	394758.63	40.28	Soil	13,320	1.49
08/14/2021	12:00:16	78791.01	394758.63	40.28	Soil	12,720	1.07
08/14/2021	12:00:17	78790.97	394758.72	40.25	Soil	14,040	1.99
08/14/2021	12:00:18	78791.02	394758.75	40.22	Soil	12,600	0.99
08/14/2021	12:00:19	78791.25	394758.68	40.16	Soil	12,180	0.70
08/14/2021	12:00:20	78791.47	394758.54	40.20	Soil	11,340	0.12
08/14/2021	12:00:21	78791.80	394758.50	40.23	Soil	10,620	-0.38
08/14/2021	12:00:22	78792.10	394758.53	40.31	Soil	12,000	0.58
08/14/2021	12:00:23	78792.24	394758.64	40.29	Soil	10,020	-0.79
08/14/2021	12:00:24	78792.26	394758.70	40.28	Soil	14,220	2.11
08/14/2021	12:00:25	78792.38	394758.56	40.37	Soil	12,540	0.95
08/14/2021	12:00:26	78792.50	394758.62	40.38	Soil	11,340	0.12
08/14/2021	12:00:27	78792.80	394758.56	40.55	Soil	12,600	0.99
08/14/2021	12:00:28	78793.18	394758.74	40.70	Soil	13,140	1.36
08/14/2021	12:00:29	78793.29	394758.92	40.83	Soil	10,500	-0.46
08/14/2021	12:00:30	78793.21	394758.97	40.82	Soil	12,000	0.58
08/14/2021	12:00:33	78793.24	394759.40	40.73	Soil	12,840	1.16
08/14/2021	12:00:34	78793.18	394759.47	40.72	Soil	11,880	0.49
08/14/2021	12:00:35	78793.03	394759.40	40.57	Soil	11,400	0.16
08/14/2021	12:00:36	78792.92	394759.34	40.15	Soil	11,220	0.04
08/14/2021	12:00:37	78792.81	394759.33	40.17	Soil	11,220	0.04
08/14/2021	12:00:38	78792.69	394759.39	40.17	Soil	12,240	0.74
08/14/2021	12:00:39	78792.67	394759.45	40.18	Soil	11,100	-0.05
08/14/2021	12:00:40	78792.63	394759.42	40.18	Soil	13,440	1.57
08/14/2021	12:00:41	78792.47	394759.26	40.04	Soil	12,780	1.11
08/14/2021	12:00:42	78792.30	394759.24	40.03	Soil	11,700	0.37

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08/14/2021	12:00:43	78792.23	394759.32	40.02	Soil	11,340	0.12
08/14/2021	12:00:44	78792.16	394759.30	40.00	Soil	12,060	0.62
08/14/2021	12:00:45	78791.93	394759.02	39.99	Soil	10,920	-0.17
08/14/2021	12:00:46	78791.63	394758.97	39.96	Soil	12,180	0.70
08/14/2021	12:00:47	78791.48	394758.99	39.95	Soil	10,560	-0.42
08/14/2021	12:00:48	78791.32	394758.74	40.05	Soil	11,400	0.16
08/14/2021	12:00:49	78791.16	394758.81	40.14	Soil	11,340	0.12
08/14/2021	12:00:50	78791.09	394758.88	40.17	Soil	12,960	1.24
08/14/2021	12:00:51	78790.95	394758.72	40.26	Soil	11,160	-0.01
08/14/2021	12:00:52	78790.53	394758.77	40.44	Soil	12,420	0.87
08/14/2021	12:00:53	78790.39	394758.70	40.53	Soil	13,140	1.36
08/14/2021	12:00:54	78790.27	394758.75	40.56	Soil	13,020	1.28
08/14/2021	12:00:55	78790.06	394758.86	40.56	Soil	12,600	0.99
08/14/2021	12:00:56	78789.85	394758.88	40.60	Soil	12,240	0.74
08/14/2021	12:00:57	78789.74	394758.91	40.60	Soil	13,380	1.53
08/14/2021	12:00:58	78789.94	394758.91	40.59	Soil	15,300	2.86
08/14/2021	12:00:59	78790.16	394758.69	40.60	Soil	11,220	0.04
08/14/2021	12:01:00	78790.33	394758.58	40.58	Soil	9,720	-1.00
08/14/2021	12:01:01	78790.52	394758.46	40.60	Soil	11,700	0.37
08/14/2021	12:01:02	78790.65	394758.38	40.52	Soil	11,460	0.20
08/14/2021	12:01:03	78790.84	394758.45	40.31	Soil	11,880	0.49
08/14/2021	12:01:04	78791.14	394758.60	40.21	Soil	13,020	1.28
08/14/2021	12:01:05	78791.36	394758.66	40.23	Soil	12,600	0.99
08/14/2021	12:01:06	78791.52	394758.58	40.26	Soil	14,460	2.28
08/14/2021	12:01:07	78791.78	394758.63	40.28	Soil	11,820	0.45
08/14/2021	12:01:08	78791.95	394758.72	40.29	Soil	12,120	0.66
08/14/2021	12:01:09	78791.93	394758.77	40.26	Soil	9,960	-0.84
08/14/2021	12:01:10	78792.09	394758.82	40.27	Soil	10,920	-0.17
08/14/2021	12:01:11	78792.22	394759.00	40.23	Soil	11,880	0.49
08/14/2021	12:01:12	78792.32	394759.11	40.22	Soil	11,460	0.20
08/14/2021	12:01:13	78792.53	394758.94	40.45	Soil	11,460	0.20
08/14/2021	12:01:14	78792.67	394758.82	40.34	Soil	10,680	-0.34
08/14/2021	12:01:15	78792.74	394758.80	40.28	Soil	12,120	0.66
08/14/2021	12:01:16	78792.51	394758.89	40.34	Soil	11,340	0.12
08/14/2021	12:01:17	78792.64	394758.70	40.36	Soil	9,480	-1.17
08/14/2021	12:01:18	78792.89	394758.53	40.71	Soil	12,000	0.58
08/14/2021	12:01:19	78793.12	394758.88	40.87	Soil	12,060	0.62
08/14/2021	12:01:20	78793.27	394759.13	40.97	Soil	11,460	0.20
08/14/2021	12:01:24	78793.24	394759.17	40.87	Soil	11,940	0.53
08/14/2021	12:01:25	78793.17	394759.12	40.87	Soil	12,060	0.62
08/14/2021	12:01:26	78792.99	394759.07	40.77	Soil	11,280	0.08
08/14/2021	12:01:27	78792.95	394759.03	40.82	Soil	12,720	1.07
08/14/2021	12:01:28	78792.98	394758.90	40.73	Soil	12,960	1.24
08/14/2021	12:01:29	78792.64	394758.47	40.48	Soil	11,940	0.53
08/14/2021	12:01:30	78792.14	394757.88	40.48	Soil	12,480	0.91
08/14/2021	12:01:31	78791.84	394757.62	40.50	Soil	11,880	0.49
08/14/2021	12:01:32	78791.44	394757.57	40.46	Soil	12,480	0.91
08/14/2021	12:01:52	78789.63	394758.30	40.98	Soil	12,840	1.16
08/14/2021	12:01:55	78789.71	394758.29	41.02	Soil	11,520	0.24
08/14/2021	12:01:56	78789.78	394758.23	41.02	Soil	13,620	1.70
08/14/2021	12:01:57	78789.77	394758.13	41.01	Soil	13,440	1.57

SU 7C GWS RESULTS

08/14/2021	12:01:58	78789.90	394758.10	40.99	Soil	12,600	0.99
08/14/2021	12:01:59	78789.69	394758.04	41.00	Soil	12,360	0.82
08/14/2021	12:02:05	78789.64	394757.60	40.94	Soil	12,900	1.20
08/14/2021	12:02:06	78789.64	394757.45	40.93	Soil	11,640	0.33
08/14/2021	12:02:08	78789.64	394757.22	40.93	Soil	11,940	0.53
08/14/2021	12:02:12	78789.67	394756.68	40.92	Soil	13,500	1.61
08/14/2021	12:02:13	78789.70	394756.49	40.90	Soil	12,000	0.58
08/14/2021	12:02:14	78789.68	394756.33	40.90	Soil	12,300	0.78
08/14/2021	12:02:17	78789.72	394755.87	40.89	Soil	13,320	1.49
08/14/2021	12:02:18	78789.75	394755.73	40.89	Soil	12,900	1.20
08/14/2021	12:02:20	78789.74	394755.42	40.88	Soil	11,460	0.20
08/14/2021	12:02:21	78789.76	394755.24	40.87	Soil	13,680	1.74
08/14/2021	12:02:22	78789.78	394755.08	40.87	Soil	11,700	0.37
08/14/2021	12:02:23	78789.80	394754.91	40.84	Soil	13,140	1.36
08/14/2021	12:02:24	78789.85	394754.72	40.83	Soil	12,840	1.16
08/14/2021	12:02:25	78789.80	394754.55	40.82	Soil	11,340	0.12
08/14/2021	12:02:26	78789.82	394754.38	40.79	Soil	14,100	2.03
08/14/2021	12:02:27	78789.83	394754.16	40.77	Soil	12,420	0.87
08/14/2021	12:02:28	78789.89	394753.96	40.77	Soil	14,460	2.28
08/14/2021	12:02:29	78789.91	394753.71	40.76	Soil	12,360	0.82
08/14/2021	12:02:30	78789.89	394753.42	40.76	Soil	12,720	1.07
08/14/2021	12:02:31	78789.96	394753.18	40.76	Soil	12,120	0.66
08/14/2021	12:02:32	78789.91	394753.02	40.76	Soil	13,080	1.32
08/14/2021	12:02:45	78788.36	394750.76	40.77	Soil	13,680	1.74
08/14/2021	12:02:46	78788.24	394750.36	40.75	Soil	12,540	0.95
08/14/2021	12:02:47	78787.90	394749.96	40.84	Soil	12,660	1.03
08/14/2021	12:02:57	78787.89	394749.86	40.94	Soil	11,520	0.24
08/14/2021	12:02:58	78788.03	394749.90	40.91	Soil	13,440	1.57
08/14/2021	12:02:59	78788.27	394750.31	40.93	Soil	12,480	0.91
08/14/2021	12:03:00	78788.35	394750.57	40.92	Soil	13,740	1.78
08/14/2021	12:03:01	78788.38	394750.51	40.92	Soil	11,520	0.24
08/14/2021	12:03:02	78788.40	394750.56	40.93	Soil	13,560	1.65
08/14/2021	12:03:03	78788.48	394750.69	40.93	Soil	12,780	1.11
08/14/2021	12:03:04	78788.59	394750.88	40.92	Soil	12,540	0.95
08/14/2021	12:03:05	78788.71	394751.00	40.91	Soil	12,180	0.70
08/14/2021	12:03:06	78788.86	394751.11	40.88	Soil	13,140	1.36
08/14/2021	12:03:07	78788.98	394751.30	40.88	Soil	11,280	0.08
08/14/2021	12:03:08	78789.14	394751.46	40.88	Soil	13,080	1.32
08/14/2021	12:03:09	78789.25	394751.63	40.88	Soil	11,640	0.33
08/14/2021	12:03:10	78789.42	394751.79	40.89	Soil	11,280	0.08
08/14/2021	12:03:11	78789.56	394751.96	40.87	Soil	13,620	1.70
08/14/2021	12:03:12	78789.61	394752.13	40.87	Soil	12,240	0.74
08/14/2021	12:03:13	78789.67	394752.29	40.88	Soil	11,880	0.49
08/14/2021	12:03:14	78789.77	394752.43	40.88	Soil	12,780	1.11
08/14/2021	12:03:15	78789.91	394752.54	40.87	Soil	13,020	1.28
08/14/2021	12:03:16	78790.02	394752.68	40.85	Soil	12,600	0.99
08/14/2021	12:03:17	78790.14	394752.82	40.84	Soil	12,720	1.07
08/14/2021	12:03:18	78790.21	394753.01	40.82	Soil	12,780	1.11
08/14/2021	12:03:19	78790.25	394753.21	40.83	Soil	13,500	1.61
08/14/2021	12:03:20	78790.24	394753.43	40.81	Soil	13,740	1.78
08/14/2021	12:03:21	78790.24	394753.66	40.82	Soil	13,380	1.53

SU 7C GWS RESULTS

08/14/2021	12:03:22	78790.20	394753.87	40.82	Soil	12,960	1.24
08/14/2021	12:03:23	78790.23	394754.05	40.83	Soil	13,260	1.45
08/14/2021	12:03:24	78790.18	394754.24	40.82	Soil	12,780	1.11
08/14/2021	12:03:25	78790.16	394754.47	40.83	Soil	12,960	1.24
08/14/2021	12:03:26	78790.14	394754.68	40.83	Soil	14,580	2.36
08/14/2021	12:03:27	78790.13	394754.88	40.84	Soil	12,720	1.07
08/14/2021	12:03:28	78790.11	394755.05	40.84	Soil	14,520	2.32
08/14/2021	12:03:29	78790.10	394755.27	40.84	Soil	12,240	0.74
08/14/2021	12:03:30	78790.06	394755.47	40.83	Soil	13,800	1.82
08/14/2021	12:03:31	78790.07	394755.66	40.82	Soil	12,960	1.24
08/14/2021	12:03:32	78790.06	394755.85	40.80	Soil	11,820	0.45
08/14/2021	12:03:33	78790.05	394756.04	40.81	Soil	11,460	0.20
08/14/2021	12:03:34	78790.04	394756.22	40.81	Soil	13,500	1.61
08/14/2021	12:03:35	78790.02	394756.43	40.81	Soil	13,980	1.94
08/14/2021	12:03:36	78789.97	394756.62	40.81	Soil	13,740	1.78
08/14/2021	12:03:37	78789.93	394756.84	40.81	Soil	13,140	1.36
08/14/2021	12:03:38	78789.95	394757.10	40.81	Soil	14,820	2.53
08/14/2021	12:03:39	78789.91	394757.35	40.80	Soil	11,280	0.08
08/14/2021	12:03:40	78789.93	394757.57	40.79	Soil	14,160	2.07
08/14/2021	12:03:41	78789.92	394757.70	40.77	Soil	12,540	0.95
08/14/2021	12:03:42	78789.94	394757.88	40.75	Soil	13,500	1.61
08/14/2021	12:03:43	78789.90	394758.08	40.74	Soil	12,780	1.11
08/14/2021	12:03:44	78789.84	394758.29	40.74	Soil	12,300	0.78
08/14/2021	12:03:45	78789.76	394758.46	40.73	Soil	12,600	0.99
08/14/2021	12:03:46	78789.70	394758.60	40.73	Soil	13,320	1.49
08/14/2021	12:03:47	78789.61	394758.75	40.74	Soil	11,880	0.49
08/14/2021	12:03:51	78789.63	394758.73	40.76	Soil	12,240	0.74
08/14/2021	12:03:52	78789.73	394758.53	40.75	Soil	14,760	2.48
08/14/2021	12:03:53	78789.76	394758.37	40.76	Soil	12,060	0.62
08/14/2021	12:03:54	78789.82	394758.22	40.77	Soil	12,780	1.11
08/14/2021	12:03:55	78789.82	394758.03	40.76	Soil	13,800	1.82
08/14/2021	12:03:56	78789.81	394757.82	40.76	Soil	12,060	0.62
08/14/2021	12:03:57	78789.81	394757.63	40.74	Soil	12,120	0.66
08/14/2021	12:03:58	78789.84	394757.46	40.74	Soil	13,680	1.74
08/14/2021	12:03:59	78789.82	394757.29	40.74	Soil	11,460	0.20
08/14/2021	12:04:00	78789.86	394757.10	40.75	Soil	13,680	1.74
08/14/2021	12:04:01	78789.87	394756.91	40.76	Soil	12,120	0.66
08/14/2021	12:04:02	78789.89	394756.72	40.76	Soil	15,000	2.65
08/14/2021	12:04:03	78789.89	394756.51	40.76	Soil	13,500	1.61
08/14/2021	12:04:04	78789.90	394756.30	40.77	Soil	13,380	1.53
08/14/2021	12:04:05	78789.94	394756.11	40.76	Soil	13,860	1.86
08/14/2021	12:04:06	78789.97	394755.95	40.75	Soil	12,360	0.82
08/14/2021	12:04:07	78789.96	394755.80	40.75	Soil	13,560	1.65
08/14/2021	12:04:08	78789.95	394755.64	40.72	Soil	11,640	0.33
08/14/2021	12:04:09	78789.97	394755.43	40.73	Soil	13,620	1.70
08/14/2021	12:04:10	78789.96	394755.24	40.73	Soil	12,240	0.74
08/14/2021	12:04:11	78789.96	394755.09	40.72	Soil	14,340	2.19
08/14/2021	12:04:12	78789.99	394754.87	40.73	Soil	14,220	2.11
08/14/2021	12:04:13	78790.06	394754.64	40.74	Soil	13,740	1.78
08/14/2021	12:04:14	78790.08	394754.41	40.75	Soil	11,220	0.04
08/14/2021	12:04:15	78790.10	394754.16	40.71	Soil	15,540	3.02

SU 7C GWS RESULTS

08/14/2021	12:04:16	78790.09	394753.90	40.69	Soil	12,840	1.16
08/14/2021	12:04:17	78790.13	394753.63	40.66	Soil	13,620	1.70
08/14/2021	12:04:18	78790.16	394753.34	40.67	Soil	10,680	-0.34
08/14/2021	12:04:19	78790.14	394753.06	40.69	Soil	13,920	1.90
08/14/2021	12:04:20	78790.03	394752.87	40.67	Soil	13,440	1.57
08/14/2021	12:04:31	78788.39	394750.73	40.64	Soil	13,320	1.49
08/14/2021	12:04:32	78788.53	394750.48	40.46	Soil	12,360	0.82
08/14/2021	12:04:33	78788.71	394750.30	40.06	Soil	12,720	1.07
08/14/2021	12:04:34	78788.76	394750.18	40.10	Soil	15,600	3.07
08/14/2021	12:04:35	78788.65	394750.13	40.09	Soil	15,720	3.15
08/14/2021	12:04:36	78788.67	394750.22	40.06	Soil	15,300	2.86
08/14/2021	12:04:37	78788.79	394750.32	40.08	Soil	14,340	2.19
08/14/2021	12:04:38	78788.88	394750.48	40.07	Soil	15,480	2.98
08/14/2021	12:04:39	78788.97	394750.65	40.08	Soil	13,800	1.82
08/14/2021	12:04:40	78789.13	394750.72	40.08	Soil	13,260	1.45
08/14/2021	12:04:41	78789.25	394750.80	40.11	Soil	14,340	2.19
08/14/2021	12:04:42	78789.37	394751.00	40.24	Soil	14,280	2.15
08/14/2021	12:04:43	78789.47	394751.15	40.25	Soil	12,240	0.74
08/14/2021	12:04:44	78789.48	394751.20	40.27	Soil	14,340	2.19
08/14/2021	12:04:45	78789.57	394751.30	40.28	Soil	14,340	2.19
08/14/2021	12:04:46	78789.68	394751.47	40.34	Soil	14,460	2.28
08/14/2021	12:04:47	78789.74	394751.60	40.37	Soil	12,120	0.66
08/14/2021	12:04:48	78789.85	394751.69	40.37	Soil	14,580	2.36
08/14/2021	12:04:49	78790.00	394751.85	40.38	Soil	12,420	0.87
08/14/2021	12:04:50	78790.11	394752.05	40.29	Soil	13,920	1.90
08/14/2021	12:04:51	78790.35	394752.27	40.32	Soil	14,580	2.36
08/14/2021	12:04:52	78790.54	394752.52	40.33	Soil	12,360	0.82
08/14/2021	12:04:53	78790.60	394752.70	40.31	Soil	13,800	1.82
08/14/2021	12:04:54	78790.67	394752.85	40.30	Soil	13,740	1.78
08/14/2021	12:04:55	78790.70	394753.02	40.32	Soil	13,680	1.74
08/14/2021	12:04:56	78790.67	394753.19	40.32	Soil	13,140	1.36
08/14/2021	12:04:57	78790.63	394753.38	40.32	Soil	14,940	2.61
08/14/2021	12:04:58	78790.61	394753.59	40.30	Soil	12,480	0.91
08/14/2021	12:04:59	78790.55	394753.82	40.29	Soil	15,720	3.15
08/14/2021	12:05:00	78790.58	394754.04	40.28	Soil	14,820	2.53
08/14/2021	12:05:01	78790.57	394754.24	40.28	Soil	12,600	0.99
08/14/2021	12:05:02	78790.58	394754.45	40.27	Soil	13,380	1.53
08/14/2021	12:05:03	78790.57	394754.70	40.27	Soil	12,180	0.70
08/14/2021	12:05:04	78790.55	394754.89	40.25	Soil	15,180	2.77
08/14/2021	12:05:05	78790.49	394755.00	40.25	Soil	15,120	2.73
08/14/2021	12:05:06	78790.42	394755.11	40.23	Soil	13,020	1.28
08/14/2021	12:05:07	78790.45	394755.10	40.24	Soil	13,800	1.82
08/14/2021	12:05:08	78790.53	394754.88	40.27	Soil	13,260	1.45
08/14/2021	12:05:09	78790.57	394754.65	40.25	Soil	13,860	1.86
08/14/2021	12:05:10	78790.55	394754.50	40.28	Soil	13,440	1.57
08/14/2021	12:05:11	78790.56	394754.34	40.27	Soil	13,680	1.74
08/14/2021	12:05:12	78790.53	394754.16	40.28	Soil	13,800	1.82
08/14/2021	12:05:13	78790.59	394754.08	40.28	Soil	14,280	2.15
08/14/2021	12:05:14	78790.58	394754.08	40.29	Soil	13,320	1.49
08/14/2021	12:05:15	78790.56	394754.21	40.29	Soil	13,800	1.82
08/14/2021	12:05:16	78790.56	394754.46	40.30	Soil	12,780	1.11

SU 7C GWS RESULTS

08/14/2021	12:05:17	78790.53	394754.75	40.29	Soil	14,040	1.99
08/14/2021	12:05:18	78790.52	394754.99	40.27	Soil	13,680	1.74
08/14/2021	12:05:19	78790.48	394755.19	40.27	Soil	13,980	1.94
08/14/2021	12:05:20	78790.46	394755.38	40.27	Soil	14,460	2.28
08/14/2021	12:05:21	78790.32	394755.59	40.24	Soil	14,220	2.11
08/14/2021	12:05:22	78790.26	394755.80	40.25	Soil	12,120	0.66
08/14/2021	12:05:23	78790.25	394756.00	40.26	Soil	12,300	0.78
08/14/2021	12:05:24	78790.27	394756.24	40.26	Soil	13,260	1.45
08/14/2021	12:05:25	78790.26	394756.47	40.27	Soil	14,340	2.19
08/14/2021	12:05:26	78790.23	394756.72	40.28	Soil	12,480	0.91
08/14/2021	12:05:27	78790.26	394756.98	40.29	Soil	13,020	1.28
08/14/2021	12:05:28	78790.20	394757.23	40.29	Soil	13,380	1.53
08/14/2021	12:05:29	78790.15	394757.44	40.30	Soil	14,760	2.48
08/14/2021	12:05:30	78790.17	394757.65	40.26	Soil	15,120	2.73
08/14/2021	12:05:31	78790.11	394757.87	40.25	Soil	13,140	1.36
08/14/2021	12:05:32	78790.08	394758.10	40.25	Soil	16,380	3.60
08/14/2021	12:05:33	78790.11	394758.31	40.27	Soil	13,140	1.36
08/14/2021	12:05:34	78790.12	394758.49	40.28	Soil	14,460	2.28
08/14/2021	12:05:35	78790.16	394758.63	40.25	Soil	12,120	0.66
08/14/2021	12:05:36	78790.18	394758.81	40.22	Soil	14,220	2.11
08/14/2021	12:05:37	78790.15	394758.94	40.24	Soil	12,360	0.82
08/14/2021	12:05:38	78790.17	394758.84	40.27	Soil	11,700	0.37
08/14/2021	12:05:39	78790.04	394758.81	40.26	Soil	11,700	0.37
08/14/2021	12:05:40	78789.89	394758.94	40.24	Soil	14,940	2.61
08/14/2021	12:05:41	78789.76	394759.03	40.26	Soil	12,180	0.70
08/14/2021	12:05:42	78789.62	394759.05	40.25	Soil	13,200	1.41
08/14/2021	12:05:43	78789.60	394759.02	40.24	Soil	14,280	2.15
08/14/2021	12:05:44	78789.55	394759.09	40.24	Soil	13,560	1.65
08/14/2021	12:06:07	78789.25	394764.13	38.98	Soil	12,120	0.66
08/14/2021	12:06:08	78789.26	394764.22	38.95	Soil	11,760	0.41
08/14/2021	12:06:09	78789.28	394764.41	38.73	Soil	11,940	0.53
08/14/2021	12:06:10	78789.42	394764.54	38.67	Soil	9,360	-1.25
08/14/2021	12:06:11	78789.36	394764.73	38.56	Soil	11,460	0.20
08/14/2021	12:06:12	78789.38	394764.98	38.46	Soil	9,960	-0.84
08/14/2021	12:06:13	78789.44	394765.26	38.39	Soil	9,660	-1.04
08/14/2021	12:06:14	78789.34	394765.54	38.30	Soil	12,540	0.95
08/14/2021	12:06:15	78789.33	394765.79	38.27	Soil	9,600	-1.08
08/14/2021	12:06:16	78789.28	394766.04	38.27	Soil	11,580	0.28
08/14/2021	12:06:17	78789.23	394766.12	38.26	Soil	10,200	-0.67
08/14/2021	12:06:18	78789.30	394766.02	38.23	Soil	10,320	-0.59
08/14/2021	12:07:09	78793.10	394760.96	39.50	Soil	11,160	-0.01
08/14/2021	12:07:10	78792.98	394760.69	39.59	Soil	14,100	2.03
08/14/2021	12:07:11	78792.92	394760.34	39.70	Soil	11,940	0.53
08/14/2021	12:07:12	78792.81	394760.07	39.74	Soil	11,760	0.41
08/14/2021	12:07:13	78792.82	394759.60	39.75	Soil	11,220	0.04
08/14/2021	12:07:14	78792.72	394759.13	39.81	Soil	11,100	-0.05
08/14/2021	12:07:15	78792.62	394758.95	39.82	Soil	11,340	0.12
08/14/2021	12:07:16	78792.45	394758.99	39.76	Soil	13,680	1.74
08/14/2021	12:07:17	78792.26	394759.05	39.69	Soil	11,940	0.53
08/14/2021	12:07:18	78792.03	394758.91	39.64	Soil	12,000	0.58
08/14/2021	12:07:19	78791.84	394758.89	39.58	Soil	11,640	0.33

SU 7C GWS RESULTS

08/14/2021	12:07:20	78791.76	394759.01	39.51	Soil	12,300	0.78
08/14/2021	12:07:21	78791.66	394759.23	39.44	Soil	13,140	1.36
08/14/2021	12:07:22	78791.71	394759.38	39.43	Soil	12,300	0.78
08/14/2021	12:07:23	78792.03	394759.58	39.47	Soil	11,520	0.24
08/14/2021	12:07:24	78792.29	394759.79	39.50	Soil	12,960	1.24
08/14/2021	12:07:25	78792.56	394759.99	39.52	Soil	11,820	0.45
08/14/2021	12:07:26	78792.68	394760.25	39.47	Soil	10,560	-0.42
08/14/2021	12:07:27	78792.69	394760.50	39.43	Soil	11,580	0.28
08/14/2021	12:07:28	78792.73	394760.77	39.33	Soil	12,360	0.82
08/14/2021	12:07:29	78792.83	394760.99	39.25	Soil	10,320	-0.59
08/14/2021	12:07:30	78792.92	394761.20	39.12	Soil	11,940	0.53
08/14/2021	12:07:31	78792.91	394761.45	39.05	Soil	11,580	0.28
08/14/2021	12:07:32	78793.02	394761.70	38.94	Soil	12,960	1.24
08/14/2021	12:07:33	78793.05	394761.98	38.80	Soil	10,620	-0.38
08/14/2021	12:07:59	78792.76	394765.62	38.06	Soil	11,700	0.37
08/14/2021	12:08:02	78792.61	394766.25	37.50	Soil	10,320	-0.59
08/14/2021	12:08:03	78792.58	394766.47	37.54	Soil	10,080	-0.75
08/14/2021	12:08:04	78792.50	394766.44	37.59	Soil	10,080	-0.75
08/14/2021	12:08:05	78792.69	394766.48	37.49	Soil	10,920	-0.17
08/14/2021	12:08:06	78792.89	394766.68	37.19	Soil	9,240	-1.33
08/14/2021	12:08:07	78792.91	394766.90	36.97	Soil	10,320	-0.59
08/14/2021	12:08:08	78792.87	394766.99	37.14	Soil	9,420	-1.21
08/14/2021	12:08:09	78792.81	394767.00	37.18	Soil	8,400	-1.91
08/14/2021	12:08:10	78792.76	394767.03	37.37	Soil	8,640	-1.75
08/14/2021	12:08:11	78792.67	394767.05	37.39	Soil	10,080	-0.75
08/14/2021	12:08:12	78792.57	394767.07	37.61	Soil	8,280	-2.00
08/14/2021	12:08:13	78792.42	394767.14	38.07	Soil	8,460	-1.87
08/14/2021	12:08:14	78792.30	394767.30	38.27	Soil	9,420	-1.21
08/14/2021	12:08:15	78792.29	394767.49	38.70	Soil	9,420	-1.21
08/14/2021	12:08:16	78792.29	394767.67	38.31	Soil	8,460	-1.87
08/14/2021	12:08:17	78792.30	394767.77	38.44	Soil	7,140	-2.79
08/14/2021	12:08:18	78792.30	394767.86	38.12	Soil	9,120	-1.42
08/14/2021	12:08:19	78792.30	394767.99	38.32	Soil	10,860	-0.21
08/14/2021	12:08:20	78792.27	394768.05	38.20	Soil	7,860	-2.29
08/14/2021	12:08:21	78792.31	394768.14	38.14	Soil	9,300	-1.29
08/14/2021	12:08:22	78792.38	394768.27	37.98	Soil	7,920	-2.25
08/14/2021	12:08:23	78792.45	394768.48	38.01	Soil	7,200	-2.74
08/14/2021	12:08:24	78792.44	394768.60	38.35	Soil	8,040	-2.16
08/14/2021	12:08:25	78792.39	394768.74	38.10	Soil	7,860	-2.29
08/14/2021	12:08:26	78792.37	394769.02	37.92	Soil	8,820	-1.62
08/14/2021	12:08:27	78792.33	394769.32	37.95	Soil	8,580	-1.79
08/14/2021	12:08:28	78792.27	394769.51	38.05	Soil	7,320	-2.66
08/14/2021	12:08:29	78792.24	394769.68	38.06	Soil	8,040	-2.16
08/14/2021	12:08:30	78792.22	394769.91	38.03	Soil	8,040	-2.16
08/14/2021	12:08:31	78792.14	394769.99	38.37	Soil	9,060	-1.46
08/14/2021	12:08:32	78792.00	394769.82	38.49	Soil	8,520	-1.83
08/14/2021	12:08:33	78791.86	394769.72	38.75	Soil	8,640	-1.75
08/14/2021	12:08:34	78791.74	394769.67	38.79	Soil	8,100	-2.12
08/14/2021	12:08:35	78791.61	394769.50	39.22	Soil	7,860	-2.29
08/14/2021	12:08:36	78791.43	394769.27	39.58	Soil	7,680	-2.41
08/14/2021	12:08:37	78791.39	394769.19	39.70	Soil	8,940	-1.54

SU 7C GWS RESULTS

08/14/2021	12:08:38	78791.37	394769.07	40.09	Soil	8,520	-1.83
08/14/2021	12:08:39	78791.33	394768.89	40.29	Soil	8,700	-1.71
08/14/2021	12:08:40	78791.30	394768.68	40.61	Soil	7,740	-2.37
08/14/2021	12:08:41	78791.20	394768.42	40.81	Soil	9,360	-1.25
08/14/2021	12:08:42	78791.13	394768.18	41.07	Soil	8,460	-1.87
08/14/2021	12:08:43	78791.04	394767.86	41.58	Soil	10,200	-0.67
08/14/2021	12:08:44	78790.97	394767.47	42.25	Soil	10,380	-0.54
08/14/2021	12:08:45	78790.88	394767.12	43.77	Soil	9,780	-0.96
08/14/2021	12:08:46	78790.69	394766.86	44.66	Soil	6,900	-2.95
08/14/2021	12:08:47	78790.50	394766.77	45.36	Soil	9,600	-1.08
08/14/2021	12:08:48	78790.35	394766.70	45.90	Soil	9,900	-0.88
08/14/2021	12:08:49	78790.23	394766.65	46.33	Soil	10,440	-0.50
08/14/2021	12:08:50	78790.17	394766.65	46.44	Soil	10,320	-0.59
08/14/2021	12:08:51	78790.09	394766.75	46.46	Soil	9,540	-1.13
08/14/2021	12:08:52	78790.03	394766.89	46.47	Soil	9,780	-0.96
08/14/2021	12:08:53	78790.03	394767.04	46.29	Soil	11,220	0.04
08/14/2021	12:08:54	78790.00	394767.18	46.26	Soil	10,500	-0.46
08/14/2021	12:08:55	78790.03	394767.31	46.11	Soil	10,680	-0.34
08/14/2021	12:08:56	78790.08	394767.43	46.15	Soil	10,620	-0.38
08/14/2021	12:08:57	78790.15	394767.50	46.03	Soil	8,640	-1.75
08/14/2021	12:08:58	78790.25	394767.65	45.81	Soil	9,060	-1.46
08/14/2021	12:08:59	78790.40	394767.85	45.58	Soil	9,360	-1.25
08/14/2021	12:09:00	78790.55	394767.95	45.20	Soil	9,300	-1.29
08/14/2021	12:09:01	78790.65	394768.03	44.89	Soil	9,660	-1.04
08/14/2021	12:09:02	78790.69	394768.20	44.37	Soil	10,020	-0.79
08/14/2021	12:09:03	78790.77	394768.40	44.22	Soil	9,600	-1.08
08/14/2021	12:09:04	78790.94	394768.60	43.99	Soil	8,760	-1.67
08/14/2021	12:09:05	78791.09	394768.75	43.99	Soil	9,120	-1.42
08/14/2021	12:09:06	78791.19	394768.79	43.84	Soil	10,500	-0.46
08/14/2021	12:09:07	78791.32	394768.82	43.75	Soil	9,300	-1.29
08/14/2021	12:09:08	78791.37	394768.86	43.55	Soil	9,660	-1.04
08/14/2021	12:09:09	78791.36	394768.85	43.79	Soil	9,720	-1.00
08/14/2021	12:09:10	78791.28	394768.75	43.81	Soil	8,940	-1.54
08/14/2021	12:09:11	78791.21	394768.61	43.92	Soil	9,840	-0.92
08/14/2021	12:09:12	78791.30	394768.34	44.14	Soil	10,020	-0.79
08/14/2021	12:09:13	78791.39	394768.01	44.84	Soil	9,480	-1.17
08/14/2021	12:09:14	78791.52	394767.67	45.31	Soil	10,080	-0.75
08/14/2021	12:09:15	78791.63	394767.47	45.74	Soil	9,600	-1.08
08/14/2021	12:09:16	78791.76	394767.39	46.11	Soil	8,760	-1.67
08/14/2021	12:09:17	78791.84	394767.27	46.26	Soil	9,720	-1.00
08/14/2021	12:09:18	78791.83	394767.07	46.68	Soil	10,140	-0.71
08/14/2021	12:09:19	78791.81	394766.91	47.36	Soil	10,320	-0.59
08/14/2021	12:09:20	78791.69	394766.72	47.66	Soil	9,840	-0.92
08/14/2021	12:09:21	78791.58	394766.57	47.92	Soil	9,600	-1.08
08/14/2021	12:09:22	78791.39	394766.52	48.03	Soil	11,040	-0.09
08/14/2021	12:09:23	78791.18	394766.48	48.26	Soil	9,120	-1.42
08/14/2021	12:09:24	78791.09	394766.53	48.10	Soil	11,760	0.41
08/14/2021	12:09:25	78791.06	394766.69	47.69	Soil	10,680	-0.34
08/14/2021	12:09:26	78791.04	394766.93	47.47	Soil	8,940	-1.54
08/14/2021	12:09:27	78791.02	394767.14	47.25	Soil	9,000	-1.50
08/14/2021	12:09:28	78791.06	394767.33	46.96	Soil	9,240	-1.33

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08/14/2021	12:09:29	78791.10	394767.50	46.55	Soil	10,020	-0.79
08/14/2021	12:09:30	78791.07	394767.63	46.32	Soil	9,960	-0.84
08/14/2021	12:09:31	78791.10	394767.84	45.69	Soil	9,420	-1.21
08/14/2021	12:09:32	78791.17	394768.05	45.50	Soil	8,220	-2.04
08/14/2021	12:09:33	78791.27	394768.20	45.21	Soil	7,560	-2.50
08/14/2021	12:09:34	78791.38	394768.35	45.05	Soil	10,440	-0.50
08/14/2021	12:09:35	78791.38	394768.52	44.54	Soil	8,760	-1.67
08/14/2021	12:09:36	78791.40	394768.80	44.00	Soil	9,780	-0.96
08/14/2021	12:09:37	78791.48	394769.01	43.85	Soil	9,780	-0.96
08/14/2021	12:09:38	78791.56	394769.16	43.54	Soil	8,340	-1.96
08/14/2021	12:09:39	78791.67	394769.24	43.51	Soil	10,140	-0.71
08/14/2021	12:09:40	78791.77	394769.25	43.64	Soil	9,900	-0.88
08/14/2021	12:09:41	78791.83	394769.23	43.86	Soil	10,020	-0.79
08/14/2021	12:09:42	78791.81	394769.17	44.10	Soil	8,700	-1.71
08/14/2021	12:09:43	78791.80	394768.99	44.26	Soil	10,920	-0.17
08/14/2021	12:09:44	78791.81	394768.76	44.82	Soil	9,420	-1.21
08/14/2021	12:09:45	78791.79	394768.50	45.15	Soil	9,060	-1.46
08/14/2021	12:09:46	78791.86	394768.25	45.38	Soil	9,720	-1.00
08/14/2021	12:09:47	78791.93	394768.06	45.67	Soil	8,460	-1.87
08/14/2021	12:09:48	78792.02	394767.80	45.89	Soil	8,520	-1.83
08/14/2021	12:09:49	78792.06	394767.58	46.06	Soil	9,120	-1.42
08/14/2021	12:09:50	78792.06	394767.29	46.43	Soil	8,700	-1.71
08/14/2021	12:09:51	78791.95	394767.05	46.57	Soil	8,640	-1.75
08/14/2021	12:09:52	78791.86	394766.95	46.53	Soil	10,620	-0.38
08/14/2021	12:09:53	78791.87	394766.82	46.63	Soil	9,240	-1.33
08/14/2021	12:09:54	78791.84	394766.73	46.51	Soil	10,920	-0.17
08/14/2021	12:09:55	78791.73	394766.76	46.63	Soil	11,340	0.12
08/14/2021	12:09:56	78791.63	394766.77	46.42	Soil	9,840	-0.92
08/14/2021	12:09:57	78791.61	394766.90	46.40	Soil	10,500	-0.46
08/14/2021	12:09:58	78791.55	394767.03	46.37	Soil	9,840	-0.92
08/14/2021	12:09:59	78791.49	394767.19	46.16	Soil	9,840	-0.92
08/14/2021	12:10:00	78791.49	394767.39	45.75	Soil	10,320	-0.59
08/14/2021	12:10:01	78791.50	394767.59	45.41	Soil	10,560	-0.42
08/14/2021	12:10:02	78791.53	394767.77	45.14	Soil	9,960	-0.84
08/14/2021	12:10:03	78791.52	394767.90	44.98	Soil	8,580	-1.79
08/14/2021	12:10:04	78791.59	394768.08	44.35	Soil	7,740	-2.37
08/14/2021	12:10:05	78791.68	394768.32	44.09	Soil	9,960	-0.84
08/14/2021	12:10:06	78791.71	394768.49	43.76	Soil	8,040	-2.16
08/14/2021	12:10:07	78791.73	394768.66	43.65	Soil	9,360	-1.25
08/14/2021	12:10:08	78791.70	394768.82	43.60	Soil	10,320	-0.59
08/14/2021	12:10:09	78791.68	394769.01	43.05	Soil	9,720	-1.00
08/14/2021	12:10:10	78791.73	394769.22	42.68	Soil	9,240	-1.33
08/14/2021	12:10:11	78791.76	394769.32	42.80	Soil	9,900	-0.88
08/14/2021	12:10:12	78791.80	394769.28	42.92	Soil	9,540	-1.13
08/14/2021	12:10:13	78791.84	394769.32	42.67	Soil	9,240	-1.33
08/14/2021	12:10:14	78791.90	394769.28	43.00	Soil	10,380	-0.54
08/14/2021	12:10:15	78791.86	394769.04	43.24	Soil	8,820	-1.62
08/14/2021	12:10:16	78791.87	394768.79	43.44	Soil	10,500	-0.46
08/14/2021	12:10:17	78791.87	394768.54	43.71	Soil	9,600	-1.08
08/14/2021	12:10:18	78791.94	394768.32	43.67	Soil	9,060	-1.46
08/14/2021	12:10:19	78792.05	394768.20	43.76	Soil	9,120	-1.42

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08/14/2021	12:10:20	78792.09	394768.07	43.79	Soil	7,860	-2.29
08/14/2021	12:10:21	78792.08	394767.92	44.01	Soil	8,760	-1.67
08/14/2021	12:10:22	78792.06	394767.70	44.10	Soil	9,600	-1.08
08/14/2021	12:10:23	78792.16	394767.46	44.11	Soil	9,060	-1.46
08/14/2021	12:10:24	78792.35	394767.24	44.17	Soil	10,260	-0.63
08/14/2021	12:10:25	78792.33	394767.03	44.21	Soil	10,080	-0.75
08/14/2021	12:10:26	78792.21	394766.84	44.71	Soil	10,740	-0.30
08/14/2021	12:10:27	78792.00	394766.77	44.86	Soil	11,040	-0.09
08/14/2021	12:10:28	78791.91	394766.85	44.88	Soil	10,320	-0.59
08/14/2021	12:10:29	78791.88	394766.97	44.69	Soil	9,660	-1.04
08/14/2021	12:10:30	78791.87	394767.13	44.44	Soil	9,960	-0.84
08/14/2021	12:10:31	78791.90	394767.37	44.13	Soil	9,120	-1.42
08/14/2021	12:10:32	78791.86	394767.57	43.93	Soil	11,040	-0.09
08/14/2021	12:10:33	78791.91	394767.75	43.68	Soil	8,760	-1.67
08/14/2021	12:10:34	78791.89	394767.89	43.43	Soil	11,700	0.37
08/14/2021	12:10:35	78791.83	394768.03	43.31	Soil	10,140	-0.71
08/14/2021	12:10:36	78791.75	394768.12	43.25	Soil	10,560	-0.42
08/14/2021	12:10:37	78791.79	394768.16	42.97	Soil	9,300	-1.29
08/14/2021	12:10:38	78791.87	394768.30	42.45	Soil	7,320	-2.66
08/14/2021	12:10:39	78791.94	394768.55	42.03	Soil	8,640	-1.75
08/14/2021	12:10:40	78792.00	394768.81	41.70	Soil	9,120	-1.42
08/14/2021	12:10:41	78792.15	394769.02	41.41	Soil	9,840	-0.92
08/14/2021	12:10:42	78792.17	394769.32	41.06	Soil	9,300	-1.29
08/14/2021	12:10:43	78792.19	394769.51	41.16	Soil	10,320	-0.59
08/14/2021	12:10:44	78792.33	394769.52	41.04	Soil	8,400	-1.91
08/14/2021	12:10:45	78792.48	394769.54	41.19	Soil	10,980	-0.13
08/14/2021	12:10:46	78792.52	394769.50	41.40	Soil	9,120	-1.42
08/14/2021	12:10:47	78792.53	394769.37	41.76	Soil	9,060	-1.46
08/14/2021	12:10:48	78792.55	394769.12	42.31	Soil	9,540	-1.13
08/14/2021	12:10:49	78792.56	394768.79	42.69	Soil	10,800	-0.25
08/14/2021	12:10:50	78792.67	394768.44	42.86	Soil	9,480	-1.17
08/14/2021	12:10:51	78792.74	394768.28	42.90	Soil	9,300	-1.29
08/14/2021	12:10:52	78792.95	394768.06	43.03	Soil	9,660	-1.04
08/14/2021	12:10:53	78793.11	394767.78	43.24	Soil	9,180	-1.37
08/14/2021	12:10:54	78793.17	394767.41	43.48	Soil	9,420	-1.21
08/14/2021	12:10:55	78793.25	394767.11	43.56	Soil	9,420	-1.21
08/14/2021	12:10:58	78793.31	394766.56	43.57	Soil	10,740	-0.30
08/14/2021	12:10:59	78793.04	394766.78	43.43	Soil	12,480	0.91
08/14/2021	12:11:00	78792.89	394766.95	43.11	Soil	9,720	-1.00
08/14/2021	12:11:01	78792.80	394767.25	42.86	Soil	9,720	-1.00
08/14/2021	12:11:02	78792.74	394767.45	42.81	Soil	10,320	-0.59
08/14/2021	12:11:03	78792.68	394767.58	42.58	Soil	8,880	-1.58
08/14/2021	12:11:04	78792.62	394767.78	42.48	Soil	10,080	-0.75
08/14/2021	12:11:05	78792.53	394767.88	42.42	Soil	8,760	-1.67
08/14/2021	12:11:06	78792.57	394768.00	42.24	Soil	11,520	0.24
08/14/2021	12:11:07	78792.56	394768.08	42.22	Soil	9,300	-1.29
08/14/2021	12:11:08	78792.60	394768.16	42.23	Soil	9,000	-1.50
08/14/2021	12:11:09	78792.63	394768.25	42.03	Soil	9,660	-1.04
08/14/2021	12:11:10	78792.62	394768.35	41.89	Soil	10,800	-0.25
08/14/2021	12:11:11	78792.61	394768.45	41.61	Soil	8,580	-1.79
08/14/2021	12:11:12	78792.62	394768.54	41.46	Soil	9,060	-1.46

SU 7C GWS RESULTS

08/14/2021	12:11:13	78792.58	394768.69	41.14	Soil	9,600	-1.08
08/14/2021	12:11:14	78792.52	394768.86	40.94	Soil	8,280	-2.00
08/14/2021	12:11:15	78792.49	394769.06	40.49	Soil	9,300	-1.29
08/14/2021	12:11:16	78792.55	394769.14	40.56	Soil	9,360	-1.25
08/14/2021	12:11:17	78792.54	394769.20	40.34	Soil	12,120	0.66
08/14/2021	12:11:18	78792.61	394769.29	40.34	Soil	8,460	-1.87
08/14/2021	12:11:19	78792.60	394769.22	40.72	Soil	10,860	-0.21
08/14/2021	12:11:20	78792.60	394768.96	40.98	Soil	9,420	-1.21
08/14/2021	12:11:21	78792.64	394768.79	41.08	Soil	9,060	-1.46
08/14/2021	12:11:22	78792.64	394768.67	41.31	Soil	9,120	-1.42
08/14/2021	12:11:23	78792.67	394768.42	41.57	Soil	7,800	-2.33
08/14/2021	12:11:24	78792.70	394768.19	41.74	Soil	8,100	-2.12
08/14/2021	12:11:25	78792.80	394767.93	41.76	Soil	8,160	-2.08
08/14/2021	12:11:26	78792.88	394767.69	41.91	Soil	9,360	-1.25
08/14/2021	12:11:27	78792.94	394767.39	42.13	Soil	8,340	-1.96
08/14/2021	12:11:28	78792.99	394767.15	42.34	Soil	9,900	-0.88
08/14/2021	12:11:29	78793.03	394766.92	42.46	Soil	10,440	-0.50
08/14/2021	12:11:30	78792.99	394766.73	42.55	Soil	10,140	-0.71
08/14/2021	12:11:31	78792.93	394766.53	42.56	Soil	10,020	-0.79
08/14/2021	12:11:36	78792.65	394766.44	42.13	Soil	9,120	-1.42
08/14/2021	12:11:37	78792.58	394766.59	42.06	Soil	10,740	-0.30
08/14/2021	12:11:38	78792.55	394766.67	42.01	Soil	10,860	-0.21
08/14/2021	12:11:39	78792.50	394766.73	41.84	Soil	9,000	-1.50
08/14/2021	12:11:40	78792.40	394766.80	41.86	Soil	9,060	-1.46
08/14/2021	12:11:41	78792.32	394766.80	41.86	Soil	9,480	-1.17
08/14/2021	12:11:42	78792.27	394766.89	41.78	Soil	10,380	-0.54
08/14/2021	12:11:43	78792.24	394767.00	41.58	Soil	10,920	-0.17
08/14/2021	12:11:44	78792.24	394767.12	41.34	Soil	10,080	-0.75
08/14/2021	12:11:45	78792.16	394767.23	41.19	Soil	10,620	-0.38
08/14/2021	12:11:46	78792.13	394767.34	41.10	Soil	9,420	-1.21
08/14/2021	12:11:47	78792.11	394767.47	41.05	Soil	9,660	-1.04
08/14/2021	12:11:48	78792.06	394767.64	40.98	Soil	9,240	-1.33
08/14/2021	12:11:49	78792.03	394767.83	41.06	Soil	8,880	-1.58
08/14/2021	12:11:50	78791.97	394767.96	41.02	Soil	8,820	-1.62
08/14/2021	12:11:51	78791.96	394768.17	40.72	Soil	9,420	-1.21
08/14/2021	12:11:52	78791.91	394768.38	40.54	Soil	8,460	-1.87
08/14/2021	12:11:53	78791.95	394768.59	40.37	Soil	9,420	-1.21
08/14/2021	12:11:54	78792.00	394768.73	40.24	Soil	9,000	-1.50
08/14/2021	12:11:55	78792.08	394768.88	40.22	Soil	9,660	-1.04
08/14/2021	12:11:56	78792.28	394768.87	40.13	Soil	9,180	-1.37
08/14/2021	12:11:57	78792.33	394768.92	40.29	Soil	10,200	-0.67
08/14/2021	12:11:58	78792.36	394768.89	40.40	Soil	8,820	-1.62
08/14/2021	12:11:59	78792.43	394768.79	40.61	Soil	8,700	-1.71
08/14/2021	12:12:00	78792.55	394768.62	40.64	Soil	7,140	-2.79
08/14/2021	12:12:01	78792.65	394768.51	40.66	Soil	8,040	-2.16
08/14/2021	12:12:02	78792.71	394768.37	40.77	Soil	8,760	-1.67
08/14/2021	12:12:03	78792.88	394768.21	40.87	Soil	8,820	-1.62
08/14/2021	12:12:04	78792.99	394768.01	40.88	Soil	9,480	-1.17
08/14/2021	12:12:05	78793.05	394767.83	40.92	Soil	9,780	-0.96
08/14/2021	12:12:06	78793.08	394767.61	41.12	Soil	10,680	-0.34
08/14/2021	12:12:07	78793.21	394767.30	41.25	Soil	10,140	-0.71

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08/14/2021	12:12:19	78793.22	394767.34	40.91	Soil	10,260	-0.63
08/14/2021	12:12:20	78793.17	394767.42	40.90	Soil	8,460	-1.87
08/14/2021	12:12:21	78793.10	394767.54	40.92	Soil	7,500	-2.54
08/14/2021	12:12:22	78793.13	394767.66	40.99	Soil	7,680	-2.41
08/14/2021	12:12:23	78793.12	394767.66	41.09	Soil	8,040	-2.16
08/14/2021	12:12:24	78793.18	394767.61	41.11	Soil	8,160	-2.08
08/14/2021	12:12:25	78793.19	394767.60	41.27	Soil	8,880	-1.58
08/14/2021	12:13:21	78792.64	394766.17	38.32	Soil	12,480	0.91
08/14/2021	12:13:22	78792.40	394766.24	38.25	Soil	10,860	-0.21
08/14/2021	12:13:23	78792.17	394766.28	38.22	Soil	9,720	-1.00
08/14/2021	12:13:24	78791.95	394766.28	38.24	Soil	9,060	-1.46
08/14/2021	12:13:25	78791.69	394766.27	38.24	Soil	12,480	0.91
08/14/2021	12:13:26	78791.45	394766.17	38.30	Soil	12,000	0.58
08/14/2021	12:13:27	78791.20	394766.11	38.40	Soil	12,240	0.74
08/14/2021	12:13:28	78791.00	394766.07	38.53	Soil	10,080	-0.75
08/14/2021	12:13:29	78790.74	394766.17	38.55	Soil	11,340	0.12
08/14/2021	12:13:30	78790.62	394766.10	38.62	Soil	10,260	-0.63
08/14/2021	12:13:31	78790.57	394766.02	38.64	Soil	11,940	0.53
08/14/2021	12:13:32	78790.54	394766.04	38.65	Soil	11,280	0.08
08/14/2021	12:13:33	78790.51	394766.05	38.65	Soil	11,160	-0.01
08/14/2021	12:13:34	78790.48	394766.11	38.66	Soil	12,420	0.87
08/14/2021	12:13:35	78790.46	394766.07	38.70	Soil	11,220	0.04
08/14/2021	12:13:36	78790.26	394765.91	38.87	Soil	9,900	-0.88
08/14/2021	12:13:37	78789.88	394766.06	38.93	Soil	12,900	1.20
08/14/2021	12:13:38	78789.87	394766.00	38.89	Soil	13,440	1.57
08/14/2021	12:13:39	78789.73	394766.07	38.93	Soil	11,940	0.53
08/14/2021	12:13:40	78789.45	394765.89	38.98	Soil	12,420	0.87
08/14/2021	12:13:41	78789.27	394765.85	38.94	Soil	10,500	-0.46
08/14/2021	12:13:42	78789.36	394765.85	38.95	Soil	11,340	0.12
08/14/2021	12:13:43	78789.53	394765.96	38.90	Soil	10,920	-0.17
08/14/2021	12:13:44	78789.64	394766.04	38.86	Soil	12,060	0.62
08/14/2021	12:13:45	78789.74	394765.97	38.79	Soil	11,640	0.33
08/14/2021	12:13:46	78789.82	394765.94	38.48	Soil	10,320	-0.59
08/14/2021	12:13:47	78790.24	394765.73	38.42	Soil	9,540	-1.13
08/14/2021	12:13:48	78790.41	394765.90	38.43	Soil	10,020	-0.79
08/14/2021	12:13:49	78790.37	394765.97	38.42	Soil	10,980	-0.13
08/14/2021	12:13:50	78790.45	394765.93	38.35	Soil	10,440	-0.50
08/14/2021	12:13:51	78790.69	394765.83	38.15	Soil	12,300	0.78
08/14/2021	12:13:52	78790.76	394766.04	38.09	Soil	10,200	-0.67
08/14/2021	12:13:53	78790.97	394765.99	38.12	Soil	11,820	0.45
08/14/2021	12:13:54	78791.27	394765.86	38.08	Soil	11,820	0.45
08/14/2021	12:13:55	78791.49	394765.90	38.08	Soil	10,560	-0.42
08/14/2021	12:13:56	78791.74	394765.88	37.96	Soil	12,060	0.62
08/14/2021	12:13:57	78792.00	394765.96	37.92	Soil	10,200	-0.67
08/14/2021	12:13:58	78792.26	394765.95	37.95	Soil	11,520	0.24
08/14/2021	12:13:59	78792.49	394765.97	37.94	Soil	9,000	-1.50
08/14/2021	12:14:00	78792.65	394766.08	38.00	Soil	11,820	0.45
08/14/2021	12:14:08	78792.58	394765.72	37.98	Soil	11,100	-0.05
08/14/2021	12:14:09	78792.35	394765.78	37.94	Soil	10,800	-0.25
08/14/2021	12:14:10	78792.08	394765.68	37.89	Soil	11,700	0.37
08/14/2021	12:14:11	78791.78	394765.69	37.88	Soil	11,280	0.08

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08/14/2021	12:14:12	78791.55	394765.70	37.86	Soil	10,320	-0.59
08/14/2021	12:14:13	78791.33	394765.71	37.80	Soil	10,380	-0.54
08/14/2021	12:14:14	78791.12	394765.80	37.86	Soil	10,620	-0.38
08/14/2021	12:14:15	78790.84	394765.72	37.94	Soil	13,380	1.53
08/14/2021	12:14:16	78790.61	394765.70	38.05	Soil	9,840	-0.92
08/14/2021	12:14:17	78790.48	394765.63	38.10	Soil	10,980	-0.13
08/14/2021	12:14:18	78790.30	394765.83	38.12	Soil	10,020	-0.79
08/14/2021	12:14:19	78790.06	394765.67	38.20	Soil	10,260	-0.63
08/14/2021	12:14:20	78789.75	394765.70	38.38	Soil	10,860	-0.21
08/14/2021	12:14:21	78789.75	394765.57	38.39	Soil	11,280	0.08
08/14/2021	12:14:22	78789.78	394765.45	38.37	Soil	11,400	0.16
08/14/2021	12:14:23	78789.74	394765.31	38.43	Soil	9,900	-0.88
08/14/2021	12:14:24	78789.74	394765.23	38.36	Soil	11,760	0.41
08/14/2021	12:14:25	78789.78	394765.24	38.36	Soil	10,860	-0.21
08/14/2021	12:14:26	78789.87	394765.18	38.11	Soil	11,460	0.20
08/14/2021	12:14:27	78790.16	394765.45	38.07	Soil	9,300	-1.29
08/14/2021	12:14:28	78790.19	394765.48	38.01	Soil	10,860	-0.21
08/14/2021	12:14:29	78790.34	394765.48	37.94	Soil	9,240	-1.33
08/14/2021	12:14:30	78790.46	394765.60	37.85	Soil	10,740	-0.30
08/14/2021	12:14:31	78790.66	394765.48	37.82	Soil	10,920	-0.17
08/14/2021	12:14:32	78790.72	394765.62	37.74	Soil	11,460	0.20
08/14/2021	12:14:33	78790.78	394765.69	37.74	Soil	10,320	-0.59
08/14/2021	12:14:34	78790.95	394765.53	37.68	Soil	9,960	-0.84
08/14/2021	12:14:35	78791.11	394765.60	37.53	Soil	10,860	-0.21
08/14/2021	12:14:36	78791.29	394765.69	37.49	Soil	11,160	-0.01
08/14/2021	12:14:37	78791.49	394765.68	37.49	Soil	11,820	0.45
08/14/2021	12:14:38	78791.70	394765.64	37.52	Soil	11,880	0.49
08/14/2021	12:14:39	78791.90	394765.73	37.56	Soil	10,440	-0.50
08/14/2021	12:14:40	78792.11	394765.82	37.60	Soil	10,440	-0.50
08/14/2021	12:14:41	78792.33	394765.84	37.61	Soil	10,440	-0.50
08/14/2021	12:14:42	78792.61	394765.87	37.68	Soil	10,020	-0.79
08/14/2021	12:14:51	78792.68	394765.73	37.73	Soil	10,380	-0.54
08/14/2021	12:14:52	78792.54	394765.66	37.71	Soil	11,340	0.12
08/14/2021	12:14:53	78792.40	394765.69	37.66	Soil	9,900	-0.88
08/14/2021	12:14:54	78792.22	394765.65	37.62	Soil	12,720	1.07
08/14/2021	12:14:55	78792.05	394765.66	37.59	Soil	11,520	0.24
08/14/2021	12:14:56	78791.91	394765.68	37.58	Soil	10,680	-0.34
08/14/2021	12:14:57	78791.70	394765.75	37.57	Soil	10,860	-0.21
08/14/2021	12:14:58	78791.45	394765.72	37.57	Soil	11,700	0.37
08/14/2021	12:14:59	78791.25	394765.76	37.67	Soil	11,400	0.16
08/14/2021	12:15:00	78790.98	394765.71	37.73	Soil	11,580	0.28
08/14/2021	12:15:01	78790.68	394765.73	37.88	Soil	12,180	0.70
08/14/2021	12:15:02	78790.49	394765.66	37.98	Soil	10,800	-0.25
08/14/2021	12:15:03	78790.36	394765.51	38.06	Soil	10,500	-0.46
08/14/2021	12:15:04	78790.12	394765.62	38.05	Soil	11,760	0.41
08/14/2021	12:15:05	78789.78	394765.44	38.34	Soil	10,320	-0.59
08/14/2021	12:15:06	78789.68	394765.36	38.37	Soil	11,820	0.45
08/14/2021	12:15:07	78789.66	394765.37	38.38	Soil	11,220	0.04
08/14/2021	12:15:08	78789.62	394765.52	38.38	Soil	10,860	-0.21
08/14/2021	12:15:09	78789.51	394765.81	38.41	Soil	10,680	-0.34
08/14/2021	12:15:10	78789.30	394765.96	38.39	Soil	11,160	-0.01

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08/14/2021	12:15:11	78789.31	394766.08	38.41	Soil	11,100	-0.05
08/14/2021	12:15:12	78789.23	394766.11	38.47	Soil	10,080	-0.75
08/14/2021	12:15:13	78789.40	394765.90	38.41	Soil	11,520	0.24
08/14/2021	12:15:14	78789.64	394765.67	38.49	Soil	10,080	-0.75
08/14/2021	12:15:15	78789.69	394765.39	38.51	Soil	10,200	-0.67
08/14/2021	12:15:16	78789.68	394765.43	38.61	Soil	10,320	-0.59
08/14/2021	12:15:17	78789.63	394765.20	38.62	Soil	11,520	0.24
08/14/2021	12:15:18	78789.60	394765.23	38.63	Soil	10,020	-0.79
08/14/2021	12:15:19	78789.62	394765.11	38.66	Soil	9,540	-1.13
08/14/2021	12:15:20	78789.64	394765.12	38.53	Soil	10,200	-0.67
08/14/2021	12:15:21	78789.81	394764.99	38.44	Soil	10,380	-0.54
08/14/2021	12:15:22	78790.10	394764.74	38.49	Soil	10,260	-0.63
08/14/2021	12:15:23	78790.30	394764.91	38.39	Soil	10,380	-0.54
08/14/2021	12:15:24	78790.31	394765.22	38.42	Soil	11,340	0.12
08/14/2021	12:15:25	78790.16	394765.23	38.45	Soil	11,520	0.24
08/14/2021	12:15:26	78790.05	394765.35	38.45	Soil	10,140	-0.71
08/14/2021	12:15:27	78790.11	394765.45	38.44	Soil	10,560	-0.42
08/14/2021	12:15:28	78790.14	394765.44	38.40	Soil	9,660	-1.04
08/14/2021	12:15:29	78790.31	394765.38	38.34	Soil	9,780	-0.96
08/14/2021	12:15:30	78790.45	394765.45	38.30	Soil	10,440	-0.50
08/14/2021	12:15:31	78790.63	394765.45	38.19	Soil	10,740	-0.30
08/14/2021	12:15:32	78790.86	394765.49	38.14	Soil	11,640	0.33
08/14/2021	12:15:33	78791.09	394765.49	38.09	Soil	11,940	0.53
08/14/2021	12:15:34	78791.27	394765.57	38.09	Soil	12,120	0.66
08/14/2021	12:15:35	78791.57	394765.50	38.07	Soil	10,440	-0.50
08/14/2021	12:15:36	78791.79	394765.49	38.16	Soil	11,040	-0.09
08/14/2021	12:15:37	78792.02	394765.33	38.22	Soil	11,940	0.53
08/14/2021	12:15:38	78792.33	394765.40	38.30	Soil	9,840	-0.92
08/14/2021	12:15:39	78792.63	394765.35	38.34	Soil	12,060	0.62
08/14/2021	12:15:47	78792.71	394765.05	38.36	Soil	11,940	0.53
08/14/2021	12:15:48	78792.56	394765.10	38.39	Soil	11,520	0.24
08/14/2021	12:15:49	78792.41	394765.02	38.32	Soil	9,660	-1.04
08/14/2021	12:15:50	78792.21	394765.12	38.32	Soil	11,280	0.08
08/14/2021	12:15:51	78791.97	394765.02	38.25	Soil	9,840	-0.92
08/14/2021	12:15:52	78791.74	394765.09	38.26	Soil	11,520	0.24
08/14/2021	12:15:53	78791.58	394765.01	38.26	Soil	12,120	0.66
08/14/2021	12:15:54	78791.42	394765.09	38.30	Soil	11,580	0.28
08/14/2021	12:15:55	78791.24	394765.03	38.31	Soil	10,740	-0.30
08/14/2021	12:15:56	78791.16	394765.14	38.32	Soil	9,900	-0.88
08/14/2021	12:15:57	78790.95	394765.13	38.44	Soil	11,700	0.37
08/14/2021	12:15:58	78790.64	394765.09	38.52	Soil	10,680	-0.34
08/14/2021	12:15:59	78790.38	394764.93	38.67	Soil	10,800	-0.25
08/14/2021	12:16:00	78790.16	394764.93	38.66	Soil	9,660	-1.04
08/14/2021	12:16:01	78790.12	394764.82	38.67	Soil	10,140	-0.71
08/14/2021	12:16:02	78790.02	394764.90	38.82	Soil	11,220	0.04
08/14/2021	12:16:03	78789.59	394765.17	38.83	Soil	11,520	0.24
08/14/2021	12:16:04	78789.56	394765.27	38.77	Soil	12,240	0.74
08/14/2021	12:16:05	78789.56	394765.53	38.73	Soil	11,340	0.12
08/14/2021	12:16:06	78789.55	394765.62	38.56	Soil	9,360	-1.25
08/14/2021	12:16:07	78790.00	394765.33	38.50	Soil	9,720	-1.00
08/14/2021	12:16:08	78790.34	394765.40	38.49	Soil	11,280	0.08

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08/14/2021	12:16:09	78790.37	394765.49	38.49	Soil	11,160	-0.01
08/14/2021	12:16:10	78790.51	394765.44	38.44	Soil	11,820	0.45
08/14/2021	12:16:11	78790.76	394765.27	38.36	Soil	9,180	-1.37
08/14/2021	12:16:12	78790.84	394765.38	38.35	Soil	10,080	-0.75
08/14/2021	12:16:13	78791.06	394765.32	38.29	Soil	12,300	0.78
08/14/2021	12:16:14	78791.25	394765.32	38.27	Soil	12,060	0.62
08/14/2021	12:16:15	78791.49	394765.25	38.28	Soil	10,920	-0.17
08/14/2021	12:16:16	78791.73	394765.14	38.25	Soil	10,860	-0.21
08/14/2021	12:16:17	78791.89	394765.21	38.27	Soil	11,280	0.08
08/14/2021	12:16:18	78792.02	394765.21	38.25	Soil	10,260	-0.63
08/14/2021	12:16:36	78792.34	394765.42	37.75	Soil	10,020	-0.79
08/14/2021	12:16:37	78792.52	394765.40	38.02	Soil	11,520	0.24
08/14/2021	12:16:38	78792.36	394765.34	38.09	Soil	10,320	-0.59
08/14/2021	12:16:39	78792.40	394765.17	38.11	Soil	9,960	-0.84
08/14/2021	12:16:40	78792.61	394765.27	38.18	Soil	11,940	0.53
08/14/2021	12:16:52	78792.81	394764.75	38.32	Soil	11,280	0.08
08/14/2021	12:16:53	78792.63	394764.80	38.30	Soil	12,000	0.58
08/14/2021	12:16:54	78792.40	394764.74	38.25	Soil	10,560	-0.42
08/14/2021	12:16:55	78792.20	394764.85	38.24	Soil	10,260	-0.63
08/14/2021	12:16:56	78792.05	394764.81	38.21	Soil	11,100	-0.05
08/14/2021	12:16:57	78791.84	394764.88	38.20	Soil	11,640	0.33
08/14/2021	12:16:58	78791.59	394764.84	38.19	Soil	11,100	-0.05
08/14/2021	12:16:59	78791.27	394764.89	38.25	Soil	9,720	-1.00
08/14/2021	12:17:00	78790.94	394764.73	38.31	Soil	11,580	0.28
08/14/2021	12:17:01	78790.59	394764.81	38.34	Soil	10,020	-0.79
08/14/2021	12:17:02	78790.47	394764.91	38.34	Soil	9,480	-1.17
08/14/2021	12:17:03	78790.43	394765.04	38.33	Soil	10,080	-0.75
08/14/2021	12:17:04	78790.28	394765.00	38.36	Soil	10,800	-0.25
08/14/2021	12:17:05	78789.99	394765.05	38.56	Soil	9,300	-1.29
08/14/2021	12:17:06	78789.63	394765.19	38.64	Soil	10,500	-0.46
08/14/2021	12:17:07	78789.58	394765.02	38.63	Soil	10,260	-0.63
08/14/2021	12:17:08	78789.50	394764.99	38.66	Soil	11,520	0.24
08/14/2021	12:17:09	78789.62	394764.89	38.66	Soil	11,940	0.53
08/14/2021	12:17:10	78789.72	394765.00	38.58	Soil	10,080	-0.75
08/14/2021	12:17:11	78790.14	394764.74	38.53	Soil	9,300	-1.29
08/14/2021	12:17:12	78790.21	394764.62	38.53	Soil	10,200	-0.67
08/14/2021	12:17:13	78790.21	394764.80	38.51	Soil	10,500	-0.46
08/14/2021	12:17:14	78790.23	394764.95	38.47	Soil	10,500	-0.46
08/14/2021	12:17:15	78790.32	394764.97	38.44	Soil	9,660	-1.04
08/14/2021	12:17:16	78790.60	394764.86	38.34	Soil	10,260	-0.63
08/14/2021	12:17:17	78790.74	394765.02	38.31	Soil	8,760	-1.67
08/14/2021	12:17:18	78790.92	394765.01	38.23	Soil	11,460	0.20
08/14/2021	12:17:19	78791.10	394765.03	38.21	Soil	11,160	-0.01
08/14/2021	12:17:20	78791.34	394764.96	38.20	Soil	10,380	-0.54
08/14/2021	12:17:21	78791.58	394764.90	38.18	Soil	10,740	-0.30
08/14/2021	12:17:22	78791.85	394764.87	38.19	Soil	11,880	0.49
08/14/2021	12:17:23	78792.10	394764.92	38.20	Soil	9,960	-0.84
08/14/2021	12:17:24	78792.30	394764.87	38.25	Soil	12,000	0.58
08/14/2021	12:17:25	78792.52	394764.81	38.26	Soil	12,600	0.99
08/14/2021	12:17:26	78792.76	394764.89	38.35	Soil	10,920	-0.17
08/14/2021	12:17:37	78792.78	394764.41	38.43	Soil	10,680	-0.34

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08/14/2021	12:17:38	78792.61	394764.43	38.37	Soil	12,060	0.62
08/14/2021	12:17:39	78792.31	394764.42	38.34	Soil	9,900	-0.88
08/14/2021	12:17:40	78792.09	394764.41	38.35	Soil	9,840	-0.92
08/14/2021	12:17:41	78791.92	394764.35	38.32	Soil	12,240	0.74
08/14/2021	12:17:42	78791.62	394764.41	38.34	Soil	9,000	-1.50
08/14/2021	12:17:43	78791.36	394764.41	38.35	Soil	11,460	0.20
08/14/2021	12:17:44	78791.13	394764.52	38.37	Soil	13,680	1.74
08/14/2021	12:17:45	78790.99	394764.51	38.38	Soil	11,400	0.16
08/14/2021	12:17:46	78790.72	394764.68	38.46	Soil	10,440	-0.50
08/14/2021	12:17:47	78790.49	394764.59	38.48	Soil	11,040	-0.09
08/14/2021	12:17:48	78790.32	394764.64	38.63	Soil	11,700	0.37
08/14/2021	12:17:49	78790.12	394764.50	38.71	Soil	13,440	1.57
08/14/2021	12:17:50	78789.63	394764.74	38.74	Soil	10,500	-0.46
08/14/2021	12:17:51	78789.62	394764.69	38.75	Soil	10,440	-0.50
08/14/2021	12:17:52	78789.60	394764.59	38.79	Soil	10,860	-0.21
08/14/2021	12:17:53	78789.54	394764.25	38.96	Soil	11,460	0.20
08/14/2021	12:17:54	78789.49	394764.08	39.03	Soil	10,380	-0.54
08/14/2021	12:17:55	78789.72	394764.18	38.99	Soil	10,560	-0.42
08/14/2021	12:17:56	78789.81	394764.12	39.01	Soil	9,900	-0.88
08/14/2021	12:17:57	78789.75	394764.18	38.99	Soil	12,960	1.24
08/14/2021	12:17:58	78789.85	394764.26	38.74	Soil	10,560	-0.42
08/14/2021	12:17:59	78790.34	394764.28	38.51	Soil	10,680	-0.34
08/14/2021	12:18:00	78790.31	394764.60	38.51	Soil	10,740	-0.30
08/14/2021	12:18:01	78790.32	394764.66	38.50	Soil	9,840	-0.92
08/14/2021	12:18:02	78790.31	394764.68	38.49	Soil	10,140	-0.71
08/14/2021	12:18:03	78790.31	394764.60	38.49	Soil	10,800	-0.25
08/14/2021	12:18:04	78790.39	394764.54	38.45	Soil	11,340	0.12
08/14/2021	12:18:05	78790.37	394764.58	38.41	Soil	9,960	-0.84
08/14/2021	12:18:06	78790.23	394764.66	38.34	Soil	10,440	-0.50
08/14/2021	12:18:07	78790.33	394764.85	38.24	Soil	11,100	-0.05
08/14/2021	12:18:08	78790.24	394765.07	38.24	Soil	11,580	0.28
08/14/2021	12:18:09	78790.33	394765.03	38.19	Soil	9,960	-0.84
08/14/2021	12:18:10	78790.57	394764.91	38.13	Soil	10,560	-0.42
08/14/2021	12:18:11	78790.82	394764.97	38.12	Soil	9,540	-1.13
08/14/2021	12:18:12	78791.04	394764.92	38.10	Soil	13,080	1.32
08/14/2021	12:18:13	78791.12	394764.99	38.12	Soil	10,200	-0.67
08/14/2021	12:18:14	78791.42	394764.67	38.09	Soil	11,700	0.37
08/14/2021	12:18:15	78791.69	394764.69	38.14	Soil	10,140	-0.71
08/14/2021	12:18:16	78791.84	394764.58	38.10	Soil	12,000	0.58
08/14/2021	12:18:17	78792.00	394764.71	38.13	Soil	11,460	0.20
08/14/2021	12:18:18	78792.27	394764.66	38.11	Soil	11,520	0.24
08/14/2021	12:18:19	78792.57	394764.73	38.17	Soil	12,060	0.62
08/14/2021	12:18:20	78792.70	394764.85	38.18	Soil	12,900	1.20
08/14/2021	12:18:21	78792.62	394764.81	38.18	Soil	13,500	1.61
08/14/2021	12:18:22	78792.50	394764.67	38.17	Soil	11,820	0.45
08/14/2021	12:18:23	78792.29	394764.66	38.20	Soil	11,220	0.04
08/14/2021	12:18:24	78792.04	394764.52	38.19	Soil	11,160	-0.01
08/14/2021	12:18:25	78791.76	394764.45	38.18	Soil	13,380	1.53
08/14/2021	12:18:26	78791.38	394764.55	38.21	Soil	11,400	0.16
08/14/2021	12:18:27	78791.14	394764.45	38.23	Soil	9,480	-1.17
08/14/2021	12:18:28	78790.84	394764.68	38.31	Soil	8,640	-1.75

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08/14/2021	12:18:29	78790.41	394764.66	38.36	Soil	11,340	0.12
08/14/2021	12:18:30	78790.09	394764.65	38.47	Soil	10,320	-0.59
08/14/2021	12:18:31	78789.78	394764.75	38.61	Soil	12,120	0.66
08/14/2021	12:18:32	78789.59	394764.76	38.62	Soil	11,340	0.12
08/14/2021	12:18:33	78789.52	394764.79	38.63	Soil	12,180	0.70
08/14/2021	12:18:34	78789.51	394764.75	38.65	Soil	12,300	0.78
08/14/2021	12:18:35	78789.49	394764.36	38.89	Soil	9,960	-0.84
08/14/2021	12:18:36	78789.52	394764.22	38.92	Soil	12,240	0.74
08/14/2021	12:18:37	78789.65	394764.20	38.91	Soil	10,860	-0.21
08/14/2021	12:18:38	78789.68	394764.15	38.99	Soil	11,460	0.20
08/14/2021	12:18:39	78789.67	394764.24	38.98	Soil	10,800	-0.25
08/14/2021	12:18:40	78789.65	394764.31	39.01	Soil	11,400	0.16
08/14/2021	12:18:41	78789.61	394764.27	38.87	Soil	12,240	0.74
08/14/2021	12:18:42	78789.57	394764.62	38.84	Soil	11,400	0.16
08/14/2021	12:18:43	78789.62	394764.72	38.85	Soil	10,620	-0.38
08/14/2021	12:18:44	78789.57	394764.71	38.80	Soil	9,840	-0.92
08/14/2021	12:18:45	78789.53	394764.71	38.64	Soil	11,340	0.12
08/14/2021	12:18:46	78789.89	394764.55	38.65	Soil	11,940	0.53
08/14/2021	12:18:47	78790.22	394764.44	38.62	Soil	11,040	-0.09
08/14/2021	12:18:48	78790.28	394764.47	38.52	Soil	10,800	-0.25
08/14/2021	12:18:49	78790.27	394764.61	38.53	Soil	13,020	1.28
08/14/2021	12:18:50	78790.36	394764.29	38.60	Soil	10,620	-0.38
08/14/2021	12:18:51	78790.44	394764.30	38.57	Soil	10,440	-0.50
08/14/2021	12:18:52	78790.41	394764.44	38.55	Soil	10,800	-0.25
08/14/2021	12:18:53	78790.50	394764.30	38.63	Soil	11,760	0.41
08/14/2021	12:18:54	78790.71	394764.12	38.52	Soil	12,540	0.95
08/14/2021	12:18:55	78790.85	394764.32	38.48	Soil	9,660	-1.04
08/14/2021	12:18:56	78790.83	394764.36	38.46	Soil	11,880	0.49
08/14/2021	12:18:57	78790.90	394764.35	38.34	Soil	11,040	-0.09
08/14/2021	12:18:58	78791.23	394764.25	38.26	Soil	12,480	0.91
08/14/2021	12:18:59	78791.51	394764.32	38.25	Soil	11,460	0.20
08/14/2021	12:19:00	78791.76	394764.21	38.21	Soil	9,960	-0.84
08/14/2021	12:19:01	78791.97	394764.32	38.25	Soil	10,800	-0.25
08/14/2021	12:19:02	78792.21	394764.25	38.24	Soil	10,560	-0.42
08/14/2021	12:19:03	78792.40	394764.36	38.28	Soil	11,580	0.28
08/14/2021	12:19:04	78792.65	394764.30	38.36	Soil	11,580	0.28
08/14/2021	12:19:12	78792.85	394764.01	38.45	Soil	9,060	-1.46
08/14/2021	12:19:13	78792.69	394763.91	38.37	Soil	11,100	-0.05
08/14/2021	12:19:14	78792.50	394763.96	38.34	Soil	13,620	1.70
08/14/2021	12:19:15	78792.26	394763.92	38.27	Soil	10,800	-0.25
08/14/2021	12:19:16	78791.98	394764.01	38.25	Soil	9,900	-0.88
08/14/2021	12:19:17	78791.72	394763.98	38.25	Soil	12,120	0.66
08/14/2021	12:19:18	78791.53	394764.21	38.23	Soil	9,900	-0.88
08/14/2021	12:19:19	78791.33	394764.14	38.35	Soil	11,880	0.49
08/14/2021	12:19:20	78790.97	394763.97	38.42	Soil	12,060	0.62
08/14/2021	12:19:21	78790.77	394764.11	38.45	Soil	12,660	1.03
08/14/2021	12:19:22	78790.56	394764.03	38.45	Soil	11,880	0.49
08/14/2021	12:19:23	78790.43	394764.16	38.50	Soil	11,340	0.12
08/14/2021	12:19:24	78790.21	394763.97	38.72	Soil	9,780	-0.96
08/14/2021	12:19:25	78789.88	394763.84	38.81	Soil	8,580	-1.79
08/14/2021	12:19:26	78789.72	394764.12	38.82	Soil	9,300	-1.29

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08/14/2021	12:19:27	78789.75	394764.13	38.83	Soil	10,560	-0.42
08/14/2021	12:19:28	78789.75	394764.15	38.84	Soil	11,820	0.45
08/14/2021	12:19:29	78789.78	394764.09	38.85	Soil	9,840	-0.92
08/14/2021	12:19:30	78789.83	394764.05	38.86	Soil	10,800	-0.25
08/14/2021	12:19:31	78789.82	394764.06	38.67	Soil	11,220	0.04
08/14/2021	12:19:32	78790.24	394763.83	38.66	Soil	10,860	-0.21
08/14/2021	12:19:33	78790.37	394763.85	38.67	Soil	11,160	-0.01
08/14/2021	12:19:34	78790.52	394763.83	38.66	Soil	9,780	-0.96
08/14/2021	12:19:35	78790.52	394763.83	38.67	Soil	10,320	-0.59
08/14/2021	12:19:36	78790.25	394764.00	38.58	Soil	10,860	-0.21
08/14/2021	12:19:37	78790.41	394764.25	38.58	Soil	12,000	0.58
08/14/2021	12:19:38	78790.38	394764.18	38.53	Soil	10,800	-0.25
08/14/2021	12:19:39	78790.05	394764.08	38.58	Soil	11,220	0.04
08/14/2021	12:19:40	78790.08	394764.27	38.59	Soil	10,440	-0.50
08/14/2021	12:19:41	78790.17	394764.37	38.57	Soil	11,220	0.04
08/14/2021	12:19:42	78790.20	394764.47	38.51	Soil	10,620	-0.38
08/14/2021	12:19:43	78790.23	394764.56	38.53	Soil	9,780	-0.96
08/14/2021	12:19:44	78790.45	394764.22	38.53	Soil	10,560	-0.42
08/14/2021	12:19:45	78790.67	394764.28	38.54	Soil	11,760	0.41
08/14/2021	12:19:46	78791.02	394764.08	38.38	Soil	10,800	-0.25
08/14/2021	12:19:47	78791.44	394764.23	38.30	Soil	10,020	-0.79
08/14/2021	12:19:48	78792.01	394764.15	38.23	Soil	12,720	1.07
08/14/2021	12:19:49	78792.37	394764.17	38.30	Soil	9,600	-1.08
08/14/2021	12:19:50	78792.55	394764.23	38.29	Soil	11,100	-0.05
08/14/2021	12:19:51	78792.80	394764.27	38.42	Soil	10,500	-0.46
08/14/2021	12:20:00	78792.81	394763.65	38.43	Soil	10,920	-0.17
08/14/2021	12:20:01	78792.65	394763.68	38.41	Soil	11,640	0.33
08/14/2021	12:20:02	78792.54	394763.67	38.32	Soil	11,100	-0.05
08/14/2021	12:20:03	78792.32	394763.63	38.30	Soil	10,620	-0.38
08/14/2021	12:20:04	78792.08	394763.75	38.23	Soil	10,860	-0.21
08/14/2021	12:20:05	78791.77	394763.80	38.21	Soil	9,180	-1.37
08/14/2021	12:20:06	78791.28	394763.68	38.38	Soil	9,420	-1.21
08/14/2021	12:20:07	78791.19	394763.91	38.38	Soil	9,960	-0.84
08/14/2021	12:20:08	78791.09	394763.90	38.43	Soil	11,460	0.20
08/14/2021	12:20:09	78791.10	394763.77	38.40	Soil	12,000	0.58
08/14/2021	12:20:10	78791.37	394763.86	38.26	Soil	9,480	-1.17
08/14/2021	12:20:11	78791.40	394764.04	38.26	Soil	10,440	-0.50
08/14/2021	12:20:12	78791.76	394763.93	38.19	Soil	10,440	-0.50
08/14/2021	12:20:13	78791.96	394764.05	38.20	Soil	11,460	0.20
08/14/2021	12:20:14	78792.34	394763.90	38.24	Soil	10,620	-0.38
08/14/2021	12:20:15	78792.59	394763.91	38.27	Soil	9,720	-1.00
08/14/2021	12:20:16	78792.24	394763.76	38.29	Soil	10,680	-0.34
08/14/2021	12:20:17	78792.11	394763.58	38.31	Soil	11,880	0.49
08/14/2021	12:20:18	78791.88	394763.69	38.33	Soil	10,560	-0.42
08/14/2021	12:20:19	78791.65	394763.77	38.31	Soil	12,120	0.66
08/14/2021	12:20:20	78791.33	394763.66	38.50	Soil	11,280	0.08
08/14/2021	12:20:21	78791.12	394763.79	38.52	Soil	12,300	0.78
08/14/2021	12:20:22	78790.95	394763.75	38.55	Soil	12,300	0.78
08/14/2021	12:20:23	78790.74	394763.87	38.56	Soil	12,000	0.58
08/14/2021	12:20:24	78790.56	394763.96	38.53	Soil	12,000	0.58
08/14/2021	12:20:25	78790.38	394763.74	38.81	Soil	10,320	-0.59

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08/14/2021	12:20:26	78790.14	394763.59	38.82	Soil	11,340	0.12
08/14/2021	12:20:27	78790.06	394763.62	38.90	Soil	8,760	-1.67
08/14/2021	12:20:28	78790.03	394763.51	38.94	Soil	10,260	-0.63
08/14/2021	12:20:29	78789.92	394763.68	38.95	Soil	11,700	0.37
08/14/2021	12:20:30	78789.89	394763.49	39.13	Soil	10,620	-0.38
08/14/2021	12:20:31	78789.69	394763.28	39.41	Soil	11,460	0.20
08/14/2021	12:20:32	78789.36	394763.46	39.42	Soil	11,040	-0.09
08/14/2021	12:20:33	78789.34	394763.18	39.49	Soil	9,300	-1.29
08/14/2021	12:20:35	78789.30	394763.18	39.50	Soil	10,920	-0.17
08/14/2021	12:20:47	78789.31	394763.97	38.94	Soil	12,060	0.62
08/14/2021	12:20:48	78789.29	394763.83	38.87	Soil	12,000	0.58
08/14/2021	12:20:49	78789.47	394763.46	38.73	Soil	12,120	0.66
08/14/2021	12:20:50	78789.56	394763.47	38.74	Soil	10,620	-0.38
08/14/2021	12:20:51	78789.55	394763.54	38.87	Soil	9,300	-1.29
08/14/2021	12:20:52	78789.60	394763.81	38.87	Soil	13,200	1.41
08/14/2021	12:20:53	78789.64	394763.79	38.77	Soil	12,360	0.82
08/14/2021	12:20:54	78789.96	394763.39	38.94	Soil	10,560	-0.42
08/14/2021	12:20:55	78790.28	394763.40	38.95	Soil	11,220	0.04
08/14/2021	12:20:56	78790.45	394763.24	38.94	Soil	9,600	-1.08
08/14/2021	12:20:57	78790.61	394763.10	38.78	Soil	11,220	0.04
08/14/2021	12:20:58	78790.72	394763.35	38.68	Soil	11,400	0.16
08/14/2021	12:20:59	78790.93	394763.36	38.68	Soil	10,920	-0.17
08/14/2021	12:21:00	78791.17	394763.26	38.50	Soil	10,320	-0.59
08/14/2021	12:21:01	78791.33	394763.49	38.49	Soil	10,320	-0.59
08/14/2021	12:21:02	78791.49	394763.48	38.34	Soil	9,840	-0.92
08/14/2021	12:21:03	78791.75	394763.55	38.27	Soil	11,700	0.37
08/14/2021	12:21:04	78791.85	394763.65	38.30	Soil	11,640	0.33
08/14/2021	12:21:05	78792.09	394763.42	38.23	Soil	11,700	0.37
08/14/2021	12:21:06	78792.47	394763.48	38.33	Soil	11,640	0.33
08/14/2021	12:21:07	78792.73	394763.37	38.36	Soil	10,440	-0.50
08/14/2021	12:21:14	78792.90	394763.51	38.34	Soil	11,700	0.37
08/14/2021	12:21:15	78792.70	394763.52	38.28	Soil	10,680	-0.34
08/14/2021	12:21:16	78792.46	394763.40	38.24	Soil	9,720	-1.00
08/14/2021	12:21:17	78792.31	394763.54	38.23	Soil	8,220	-2.04
08/14/2021	12:21:18	78792.01	394763.41	38.18	Soil	9,900	-0.88
08/14/2021	12:21:19	78791.83	394763.57	38.30	Soil	11,640	0.33
08/14/2021	12:21:20	78791.59	394763.47	38.27	Soil	14,040	1.99
08/14/2021	12:21:21	78791.37	394763.72	38.41	Soil	11,220	0.04
08/14/2021	12:21:22	78791.21	394763.55	38.44	Soil	10,080	-0.75
08/14/2021	12:21:23	78790.85	394763.63	38.49	Soil	10,080	-0.75
08/14/2021	12:21:24	78790.69	394763.50	38.58	Soil	11,580	0.28
08/14/2021	12:21:25	78790.50	394763.53	38.57	Soil	11,880	0.49
08/14/2021	12:21:26	78790.43	394763.60	38.60	Soil	10,440	-0.50
08/14/2021	12:21:27	78790.69	394763.49	38.64	Soil	10,440	-0.50
08/14/2021	12:21:28	78790.63	394763.36	38.72	Soil	10,860	-0.21
08/14/2021	12:21:29	78790.76	394763.27	38.73	Soil	9,960	-0.84
08/14/2021	12:21:30	78791.01	394762.89	38.94	Soil	11,460	0.20
08/14/2021	12:21:31	78791.23	394762.70	38.96	Soil	9,540	-1.13
08/14/2021	12:21:32	78791.19	394762.52	39.28	Soil	11,040	-0.09
08/14/2021	12:21:33	78790.59	394762.04	39.41	Soil	13,320	1.49
08/14/2021	12:21:34	78790.69	394761.94	39.40	Soil	11,940	0.53

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08/14/2021	12:21:35	78790.75	394761.91	39.39	Soil	11,040	-0.09
08/14/2021	12:21:36	78790.74	394761.83	39.38	Soil	10,800	-0.25
08/14/2021	12:21:37	78790.70	394761.88	39.39	Soil	10,560	-0.42
08/14/2021	12:21:38	78790.51	394762.02	39.36	Soil	9,840	-0.92
08/14/2021	12:21:39	78790.05	394761.83	39.26	Soil	12,180	0.70
08/14/2021	12:21:40	78789.74	394762.54	39.55	Soil	11,880	0.49
08/14/2021	12:21:41	78789.42	394762.80	39.63	Soil	12,180	0.70
08/14/2021	12:21:48	78789.42	394762.81	39.65	Soil	10,380	-0.54
08/14/2021	12:21:49	78789.57	394762.95	39.59	Soil	12,180	0.70
08/14/2021	12:21:50	78789.73	394762.86	39.34	Soil	11,160	-0.01
08/14/2021	12:21:51	78789.91	394763.02	39.28	Soil	11,820	0.45
08/14/2021	12:21:52	78790.03	394763.16	39.30	Soil	10,560	-0.42
08/14/2021	12:21:53	78790.02	394763.20	39.30	Soil	11,700	0.37
08/14/2021	12:21:54	78790.00	394763.24	39.21	Soil	11,580	0.28
08/14/2021	12:21:55	78790.16	394763.25	39.17	Soil	9,060	-1.46
08/14/2021	12:21:56	78790.48	394763.16	39.01	Soil	10,980	-0.13
08/14/2021	12:21:57	78790.66	394763.36	39.02	Soil	10,080	-0.75
08/14/2021	12:21:58	78790.88	394763.33	39.04	Soil	10,260	-0.63
08/14/2021	12:21:59	78791.12	394763.20	38.98	Soil	11,400	0.16
08/14/2021	12:22:00	78791.41	394763.21	38.88	Soil	11,040	-0.09
08/14/2021	12:22:01	78791.69	394763.22	38.76	Soil	9,840	-0.92
08/14/2021	12:22:02	78792.04	394763.16	38.82	Soil	10,200	-0.67
08/14/2021	12:22:03	78792.46	394763.16	38.82	Soil	10,020	-0.79
08/14/2021	12:22:04	78792.73	394763.12	38.92	Soil	10,080	-0.75
08/14/2021	12:22:11	78792.90	394762.65	39.09	Soil	10,680	-0.34
08/14/2021	12:22:12	78792.80	394762.80	39.01	Soil	9,900	-0.88
08/14/2021	12:22:13	78792.60	394762.62	39.00	Soil	12,540	0.95
08/14/2021	12:22:14	78792.48	394762.62	38.98	Soil	11,100	-0.05
08/14/2021	12:22:15	78792.23	394762.82	38.97	Soil	11,580	0.28
08/14/2021	12:22:16	78791.94	394762.71	39.03	Soil	11,640	0.33
08/14/2021	12:22:17	78791.63	394762.92	39.27	Soil	12,300	0.78
08/14/2021	12:22:18	78791.24	394762.74	39.27	Soil	10,260	-0.63
08/14/2021	12:22:19	78791.23	394762.92	39.28	Soil	11,040	-0.09
08/14/2021	12:22:20	78791.27	394762.90	39.29	Soil	12,540	0.95
08/14/2021	12:22:21	78791.32	394762.90	39.30	Soil	11,340	0.12
08/14/2021	12:22:22	78791.30	394762.88	39.31	Soil	10,860	-0.21
08/14/2021	12:22:23	78791.25	394762.86	39.33	Soil	11,580	0.28
08/14/2021	12:22:24	78791.23	394762.87	39.34	Soil	10,980	-0.13
08/14/2021	12:22:25	78791.15	394762.77	39.44	Soil	10,860	-0.21
08/14/2021	12:22:26	78790.99	394762.77	39.45	Soil	11,400	0.16
08/14/2021	12:22:27	78790.83	394763.00	39.43	Soil	11,280	0.08
08/14/2021	12:22:28	78790.32	394762.89	39.75	Soil	10,740	-0.30
08/14/2021	12:22:29	78790.00	394763.02	39.79	Soil	10,620	-0.38
08/14/2021	12:22:30	78789.98	394762.77	39.88	Soil	9,960	-0.84
08/14/2021	12:22:31	78790.03	394762.60	39.91	Soil	12,180	0.70
08/14/2021	12:22:32	78790.08	394762.56	39.90	Soil	11,520	0.24
08/14/2021	12:22:33	78790.04	394762.57	40.06	Soil	11,640	0.33
08/14/2021	12:22:34	78789.49	394762.70	40.28	Soil	9,900	-0.88
08/14/2021	12:22:41	78789.39	394762.44	40.31	Soil	11,280	0.08
08/14/2021	12:22:42	78789.45	394762.23	40.28	Soil	10,620	-0.38
08/14/2021	12:22:43	78789.54	394762.29	40.24	Soil	11,760	0.41

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08/14/2021	12:22:44	78789.66	394762.52	40.04	Soil	8,940	-1.54
08/14/2021	12:22:45	78789.84	394762.56	39.93	Soil	11,820	0.45
08/14/2021	12:22:46	78789.98	394762.45	39.94	Soil	12,720	1.07
08/14/2021	12:22:47	78790.18	394762.16	39.92	Soil	11,280	0.08
08/14/2021	12:22:48	78790.38	394762.28	39.93	Soil	12,300	0.78
08/14/2021	12:22:49	78790.56	394762.16	39.95	Soil	11,220	0.04
08/14/2021	12:22:50	78790.72	394762.09	39.94	Soil	11,520	0.24
08/14/2021	12:22:51	78790.71	394762.32	39.88	Soil	10,620	-0.38
08/14/2021	12:22:52	78790.89	394762.35	39.74	Soil	12,180	0.70
08/14/2021	12:22:53	78790.96	394762.47	39.67	Soil	8,820	-1.62
08/14/2021	12:22:54	78791.04	394762.45	39.59	Soil	9,840	-0.92
08/14/2021	12:22:55	78791.07	394762.62	39.51	Soil	11,160	-0.01
08/14/2021	12:22:56	78791.12	394762.80	39.53	Soil	11,400	0.16
08/14/2021	12:22:57	78791.04	394762.82	39.56	Soil	10,500	-0.46
08/14/2021	12:22:58	78790.92	394762.92	39.55	Soil	12,720	1.07
08/14/2021	12:22:59	78791.00	394762.84	39.53	Soil	10,620	-0.38
08/14/2021	12:23:00	78791.01	394762.81	39.51	Soil	11,520	0.24
08/14/2021	12:23:01	78791.27	394762.65	39.36	Soil	10,860	-0.21
08/14/2021	12:23:02	78791.43	394762.91	39.34	Soil	10,380	-0.54
08/14/2021	12:23:03	78791.70	394762.74	39.26	Soil	11,820	0.45
08/14/2021	12:23:04	78791.84	394762.94	39.21	Soil	12,180	0.70
08/14/2021	12:23:05	78792.02	394762.92	39.12	Soil	12,060	0.62
08/14/2021	12:23:06	78792.20	394763.04	39.08	Soil	10,080	-0.75
08/14/2021	12:23:07	78792.43	394763.15	39.14	Soil	10,740	-0.30
08/14/2021	12:23:08	78792.65	394763.11	39.15	Soil	11,580	0.28
08/14/2021	12:23:09	78792.89	394763.12	39.25	Soil	10,860	-0.21
08/14/2021	12:23:13	78792.81	394762.81	39.21	Soil	10,020	-0.79
08/14/2021	12:23:14	78792.58	394762.77	39.17	Soil	11,100	-0.05
08/14/2021	12:23:15	78792.27	394762.65	39.18	Soil	11,280	0.08
08/14/2021	12:23:16	78791.92	394762.70	39.21	Soil	11,640	0.33
08/14/2021	12:23:17	78791.87	394762.71	39.26	Soil	11,580	0.28
08/14/2021	12:23:18	78791.83	394762.36	39.36	Soil	12,180	0.70
08/14/2021	12:23:19	78791.44	394762.49	39.51	Soil	12,900	1.20
08/14/2021	12:23:20	78791.18	394762.45	39.69	Soil	9,900	-0.88
08/14/2021	12:23:21	78791.03	394762.04	39.82	Soil	11,820	0.45
08/14/2021	12:23:22	78790.77	394762.28	39.85	Soil	10,680	-0.34
08/14/2021	12:23:23	78790.60	394761.96	39.86	Soil	10,500	-0.46
08/14/2021	12:23:24	78790.27	394761.95	40.05	Soil	10,320	-0.59
08/14/2021	12:23:25	78789.80	394761.93	39.96	Soil	11,400	0.16
08/14/2021	12:23:26	78789.79	394761.74	40.11	Soil	11,220	0.04
08/14/2021	12:23:27	78789.41	394762.14	40.14	Soil	12,360	0.82
08/14/2021	12:23:28	78789.44	394761.94	40.16	Soil	11,280	0.08
08/14/2021	12:23:34	78789.62	394762.22	40.05	Soil	10,380	-0.54
08/14/2021	12:23:35	78789.79	394762.17	39.92	Soil	10,560	-0.42
08/14/2021	12:23:36	78789.94	394762.14	39.86	Soil	13,920	1.90
08/14/2021	12:23:37	78790.08	394762.36	39.88	Soil	12,360	0.82
08/14/2021	12:23:38	78790.10	394762.36	39.88	Soil	12,480	0.91
08/14/2021	12:23:39	78790.12	394762.35	39.88	Soil	11,520	0.24
08/14/2021	12:24:30	78789.38	394761.49	40.08	Soil	12,120	0.66
08/14/2021	12:24:31	78789.48	394761.59	40.03	Soil	12,420	0.87
08/14/2021	12:24:32	78789.65	394761.49	39.97	Soil	9,840	-0.92

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08/14/2021	12:24:33	78789.78	394761.66	39.93	Soil	10,980	-0.13
08/14/2021	12:24:34	78789.99	394761.60	39.90	Soil	11,220	0.04
08/14/2021	12:24:35	78790.09	394761.73	39.85	Soil	11,220	0.04
08/14/2021	12:24:36	78790.13	394761.82	39.79	Soil	11,760	0.41
08/14/2021	12:24:37	78790.81	394761.76	39.82	Soil	11,640	0.33
08/14/2021	12:24:38	78790.74	394761.95	39.82	Soil	10,620	-0.38
08/14/2021	12:24:39	78790.78	394761.70	39.82	Soil	10,380	-0.54
08/14/2021	12:24:40	78790.76	394761.68	39.83	Soil	10,980	-0.13
08/14/2021	12:24:41	78790.73	394761.69	39.84	Soil	10,500	-0.46
08/14/2021	12:24:42	78790.71	394761.66	39.84	Soil	8,880	-1.58
08/14/2021	12:24:43	78790.63	394761.98	39.85	Soil	11,940	0.53
08/14/2021	12:24:44	78790.54	394761.82	39.86	Soil	10,560	-0.42
08/14/2021	12:24:45	78790.55	394761.80	39.84	Soil	10,920	-0.17
08/14/2021	12:24:46	78790.56	394761.86	39.87	Soil	11,820	0.45
08/14/2021	12:24:47	78790.23	394761.69	39.83	Soil	11,520	0.24
08/14/2021	12:24:48	78790.28	394761.52	39.83	Soil	10,980	-0.13
08/14/2021	12:24:49	78790.28	394761.48	39.84	Soil	11,100	-0.05
08/14/2021	12:24:50	78790.21	394761.70	39.83	Soil	10,260	-0.63
08/14/2021	12:24:51	78790.20	394761.84	39.79	Soil	10,260	-0.63
08/14/2021	12:24:52	78790.54	394761.86	39.80	Soil	11,340	0.12
08/14/2021	12:24:53	78790.61	394761.85	39.83	Soil	11,220	0.04
08/14/2021	12:24:54	78790.59	394761.81	39.84	Soil	11,040	-0.09
08/14/2021	12:24:55	78790.52	394761.76	39.83	Soil	12,780	1.11
08/14/2021	12:24:56	78790.26	394761.70	39.82	Soil	10,920	-0.17
08/14/2021	12:24:57	78790.21	394761.65	39.85	Soil	9,660	-1.04
08/14/2021	12:24:58	78790.47	394761.71	39.86	Soil	10,560	-0.42
08/14/2021	12:24:59	78790.53	394761.76	39.87	Soil	10,860	-0.21
08/14/2021	12:25:00	78790.35	394761.76	39.83	Soil	10,320	-0.59
08/14/2021	12:25:01	78790.62	394761.83	39.81	Soil	11,700	0.37
08/14/2021	12:25:02	78790.80	394761.56	39.80	Soil	10,740	-0.30
08/14/2021	12:25:03	78790.89	394761.77	39.80	Soil	10,560	-0.42
08/14/2021	12:25:04	78790.94	394761.76	39.79	Soil	11,880	0.49
08/14/2021	12:25:05	78790.95	394761.80	39.78	Soil	11,760	0.41
08/14/2021	12:25:06	78790.94	394761.80	39.77	Soil	11,040	-0.09
08/14/2021	12:25:07	78790.94	394761.81	39.76	Soil	11,580	0.28
08/14/2021	12:25:08	78790.92	394761.81	39.75	Soil	10,200	-0.67
08/14/2021	12:25:09	78790.91	394761.83	39.73	Soil	11,460	0.20
08/14/2021	12:25:10	78791.08	394761.66	39.69	Soil	11,880	0.49
08/14/2021	12:25:11	78791.23	394761.93	39.64	Soil	10,620	-0.38
08/14/2021	12:25:12	78791.43	394761.93	39.38	Soil	11,520	0.24
08/14/2021	12:25:13	78791.52	394762.27	39.39	Soil	12,960	1.24
08/14/2021	12:25:14	78791.66	394762.27	39.39	Soil	12,480	0.91
08/14/2021	12:25:15	78791.67	394762.25	39.33	Soil	10,740	-0.30
08/14/2021	12:25:16	78791.83	394762.38	39.31	Soil	11,520	0.24
08/14/2021	12:25:17	78791.80	394762.43	39.39	Soil	10,740	-0.30
08/14/2021	12:25:18	78791.60	394762.45	39.34	Soil	11,700	0.37
08/14/2021	12:25:19	78791.55	394762.64	39.38	Soil	10,500	-0.46
08/14/2021	12:25:20	78791.50	394762.36	39.45	Soil	10,260	-0.63
08/14/2021	12:25:21	78791.65	394762.14	39.46	Soil	10,560	-0.42
08/14/2021	12:25:22	78791.58	394762.09	39.45	Soil	10,980	-0.13
08/14/2021	12:25:23	78791.49	394762.02	39.67	Soil	13,320	1.49

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08/14/2021	12:25:24	78791.34	394762.05	39.58	Soil	10,800	-0.25
08/14/2021	12:25:25	78791.45	394761.75	39.65	Soil	11,700	0.37
08/14/2021	12:25:26	78791.09	394761.74	39.73	Soil	10,080	-0.75
08/14/2021	12:25:27	78790.96	394761.85	39.73	Soil	12,240	0.74
08/14/2021	12:25:28	78790.68	394761.87	39.76	Soil	10,020	-0.79
08/14/2021	12:25:29	78790.88	394762.03	39.62	Soil	10,080	-0.75
08/14/2021	12:25:30	78790.95	394762.42	39.62	Soil	10,140	-0.71
08/14/2021	12:25:31	78791.19	394762.60	39.36	Soil	12,000	0.58
08/14/2021	12:25:32	78791.54	394762.43	39.33	Soil	10,260	-0.63
08/14/2021	12:25:33	78791.70	394762.58	39.31	Soil	12,120	0.66
08/14/2021	12:25:34	78791.94	394762.31	39.19	Soil	11,520	0.24
08/14/2021	12:25:35	78792.12	394762.52	39.24	Soil	11,280	0.08
08/14/2021	12:25:36	78792.56	394762.41	39.21	Soil	10,920	-0.17
08/14/2021	12:25:37	78792.83	394762.60	39.23	Soil	9,960	-0.84
08/14/2021	12:25:40	78792.99	394762.60	39.22	Soil	10,260	-0.63
08/14/2021	12:25:41	78792.83	394762.41	39.21	Soil	11,460	0.20
08/14/2021	12:25:42	78792.73	394762.51	39.21	Soil	12,120	0.66
08/14/2021	12:25:43	78792.49	394762.30	39.16	Soil	8,340	-1.96
08/14/2021	12:25:44	78792.25	394762.38	39.18	Soil	10,680	-0.34
08/14/2021	12:25:45	78792.24	394762.38	39.17	Soil	12,360	0.82
08/14/2021	12:25:46	78792.09	394762.24	39.25	Soil	9,720	-1.00
08/14/2021	12:25:47	78791.81	394762.43	39.33	Soil	11,100	-0.05
08/14/2021	12:25:48	78791.56	394762.29	39.46	Soil	11,400	0.16
08/14/2021	12:25:49	78791.08	394762.44	39.64	Soil	12,480	0.91
08/14/2021	12:25:50	78790.92	394762.07	39.79	Soil	10,920	-0.17
08/14/2021	12:25:51	78790.76	394762.03	39.78	Soil	11,100	-0.05
08/14/2021	12:25:52	78790.63	394761.78	39.77	Soil	11,220	0.04
08/14/2021	12:25:53	78790.57	394761.87	39.75	Soil	12,900	1.20
08/14/2021	12:25:54	78790.45	394761.92	39.81	Soil	12,420	0.87
08/14/2021	12:25:55	78790.14	394761.64	39.82	Soil	10,440	-0.50
08/14/2021	12:25:56	78790.01	394761.90	39.85	Soil	11,100	-0.05
08/14/2021	12:25:57	78789.96	394761.62	39.83	Soil	13,080	1.32
08/14/2021	12:25:58	78789.90	394761.84	39.88	Soil	11,460	0.20
08/14/2021	12:25:59	78789.80	394761.58	39.92	Soil	10,260	-0.63
08/14/2021	12:26:00	78789.58	394761.73	39.98	Soil	11,460	0.20
08/14/2021	12:26:01	78789.46	394761.58	39.98	Soil	9,960	-0.84
08/14/2021	12:26:02	78789.46	394761.59	39.98	Soil	12,480	0.91
08/14/2021	12:26:03	78789.44	394761.68	39.97	Soil	10,740	-0.30
08/14/2021	12:26:04	78789.52	394761.51	39.97	Soil	11,160	-0.01
08/14/2021	12:26:05	78789.46	394761.44	39.96	Soil	9,420	-1.21
08/14/2021	12:26:06	78789.45	394761.49	39.96	Soil	9,900	-0.88
08/14/2021	12:26:07	78789.58	394761.30	39.94	Soil	12,660	1.03
08/14/2021	12:26:08	78789.61	394761.46	39.90	Soil	12,480	0.91
08/14/2021	12:26:09	78789.83	394761.36	39.88	Soil	11,340	0.12
08/14/2021	12:26:10	78789.84	394761.58	39.85	Soil	11,640	0.33
08/14/2021	12:26:11	78790.00	394761.49	39.80	Soil	12,300	0.78
08/14/2021	12:26:12	78790.09	394761.72	39.70	Soil	11,280	0.08
08/14/2021	12:26:13	78790.66	394761.77	39.72	Soil	10,620	-0.38
08/14/2021	12:26:14	78790.58	394761.95	39.73	Soil	11,100	-0.05
08/14/2021	12:26:15	78790.68	394761.77	39.73	Soil	11,220	0.04
08/14/2021	12:26:16	78790.84	394761.95	39.65	Soil	11,640	0.33

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08/14/2021	12:26:17	78791.00	394761.71	39.65	Soil	11,760	0.41
08/14/2021	12:26:18	78791.21	394761.89	39.55	Soil	10,860	-0.21
08/14/2021	12:26:19	78791.42	394761.72	39.40	Soil	10,740	-0.30
08/14/2021	12:26:20	78791.51	394762.02	39.37	Soil	10,920	-0.17
08/14/2021	12:26:21	78791.56	394762.14	39.42	Soil	11,100	-0.05
08/14/2021	12:26:22	78791.57	394761.99	39.40	Soil	11,160	-0.01
08/14/2021	12:26:23	78791.48	394762.29	39.35	Soil	10,140	-0.71
08/14/2021	12:26:24	78791.51	394762.52	39.37	Soil	9,780	-0.96
08/14/2021	12:26:25	78791.50	394762.29	39.46	Soil	11,520	0.24
08/14/2021	12:26:26	78791.38	394762.17	39.45	Soil	10,380	-0.54
08/14/2021	12:26:27	78791.38	394762.29	39.43	Soil	10,920	-0.17
08/14/2021	12:26:28	78791.48	394762.41	39.49	Soil	10,560	-0.42
08/14/2021	12:26:29	78791.32	394761.98	39.66	Soil	11,220	0.04
08/14/2021	12:26:30	78791.14	394761.93	39.69	Soil	13,140	1.36
08/14/2021	12:26:31	78791.11	394761.92	39.56	Soil	12,120	0.66
08/14/2021	12:26:32	78791.08	394762.42	39.52	Soil	9,660	-1.04
08/14/2021	12:26:33	78791.16	394762.49	39.56	Soil	11,040	-0.09
08/14/2021	12:26:34	78791.25	394762.01	39.56	Soil	11,880	0.49
08/14/2021	12:26:35	78791.58	394762.17	39.37	Soil	11,940	0.53
08/14/2021	12:26:36	78791.87	394762.06	39.33	Soil	11,160	-0.01
08/14/2021	12:26:37	78791.81	394762.24	39.34	Soil	11,640	0.33
08/14/2021	12:26:38	78792.13	394762.04	39.25	Soil	11,280	0.08
08/14/2021	12:26:38	78792.24	394762.24	39.35	Soil	11,940	0.53
08/14/2021	12:26:40	78792.59	394762.06	39.28	Soil	10,860	-0.21
08/14/2021	12:26:41	78792.92	394762.30	39.38	Soil	10,200	-0.67
08/14/2021	12:26:42	78793.03	394762.05	39.36	Soil	10,680	-0.34
08/14/2021	12:26:46	78792.85	394762.00	39.39	Soil	10,620	-0.38
08/14/2021	12:26:46	78792.79	394761.87	39.35	Soil	10,980	-0.13
08/14/2021	12:26:48	78792.70	394761.97	39.37	Soil	11,880	0.49
08/14/2021	12:26:49	78792.57	394761.90	39.37	Soil	10,560	-0.42
08/14/2021	12:26:49	78792.45	394761.73	39.37	Soil	12,900	1.20
08/14/2021	12:26:51	78792.25	394761.86	39.35	Soil	10,560	-0.42
08/14/2021	12:26:52	78792.05	394761.68	39.39	Soil	12,120	0.66
08/14/2021	12:26:53	78791.83	394761.88	39.46	Soil	11,040	-0.09
08/14/2021	12:26:54	78791.58	394761.57	39.53	Soil	11,820	0.45
08/14/2021	12:26:55	78791.35	394761.79	39.60	Soil	10,980	-0.13
08/14/2021	12:26:55	78791.20	394761.55	39.60	Soil	11,460	0.20
08/14/2021	12:26:57	78790.91	394761.63	39.66	Soil	10,320	-0.59
08/14/2021	12:26:58	78790.75	394761.36	39.72	Soil	12,960	1.24
08/14/2021	12:26:58	78790.27	394761.58	39.71	Soil	13,500	1.61
08/14/2021	12:27:00	78790.14	394761.37	39.73	Soil	10,440	-0.50
08/14/2021	12:27:01	78790.04	394761.51	39.77	Soil	12,480	0.91
08/14/2021	12:27:02	78789.79	394761.27	39.86	Soil	11,520	0.24
08/14/2021	12:27:03	78789.63	394761.40	39.90	Soil	11,100	-0.05
08/14/2021	12:27:04	78789.65	394761.04	39.98	Soil	12,300	0.78
08/14/2021	12:27:04	78789.47	394761.06	39.98	Soil	9,300	-1.29
08/14/2021	12:27:05	78789.63	394761.11	39.97	Soil	11,280	0.08
08/14/2021	12:27:07	78789.65	394760.91	39.97	Soil	11,100	-0.05
08/14/2021	12:27:08	78789.59	394760.98	39.97	Soil	12,060	0.62
08/14/2021	12:27:09	78789.78	394760.87	39.97	Soil	11,160	-0.01
08/14/2021	12:27:09	78789.84	394761.02	39.90	Soil	12,360	0.82

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08/14/2021	12:27:10	78789.99	394761.00	39.81	Soil	11,760	0.41
08/14/2021	12:27:12	78790.14	394760.95	39.78	Soil	11,160	-0.01
08/14/2021	12:27:13	78790.22	394761.22	39.73	Soil	12,360	0.82
08/14/2021	12:27:14	78790.32	394761.11	39.69	Soil	10,320	-0.59
08/14/2021	12:27:14	78790.29	394761.38	39.69	Soil	11,880	0.49
08/14/2021	12:27:15	78790.83	394761.21	39.66	Soil	10,140	-0.71
08/14/2021	12:27:16	78791.00	394761.17	39.66	Soil	11,880	0.49
08/14/2021	12:27:18	78790.93	394761.56	39.65	Soil	9,660	-1.04
08/14/2021	12:27:19	78791.02	394761.30	39.63	Soil	11,820	0.45
08/14/2021	12:27:19	78791.03	394761.41	39.59	Soil	10,440	-0.50
08/14/2021	12:27:20	78791.26	394761.33	39.53	Soil	11,340	0.12
08/14/2021	12:27:22	78791.43	394761.54	39.49	Soil	10,560	-0.42
08/14/2021	12:27:22	78791.67	394761.41	39.49	Soil	9,840	-0.92
08/14/2021	12:27:23	78791.78	394761.69	39.43	Soil	12,420	0.87
08/14/2021	12:27:25	78792.15	394761.62	39.36	Soil	10,620	-0.38
08/14/2021	12:27:26	78792.43	394761.83	39.39	Soil	10,440	-0.50
08/14/2021	12:27:27	78792.80	394761.81	39.37	Soil	12,300	0.78
08/14/2021	12:27:27	78792.99	394761.88	39.37	Soil	12,000	0.58
08/14/2021	12:27:29	78792.78	394761.62	39.44	Soil	11,220	0.04
08/14/2021	12:27:29	78792.76	394761.58	39.45	Soil	10,080	-0.75
08/14/2021	12:27:30	78792.58	394761.40	39.47	Soil	12,720	1.07
08/14/2021	12:27:31	78792.52	394761.53	39.47	Soil	11,700	0.37
08/14/2021	12:27:32	78792.25	394761.26	39.41	Soil	13,080	1.32
08/14/2021	12:27:33	78792.10	394761.26	39.41	Soil	13,020	1.28
08/14/2021	12:27:35	78791.88	394761.30	39.45	Soil	13,020	1.28
08/14/2021	12:27:35	78791.52	394761.10	39.45	Soil	10,380	-0.54
08/14/2021	12:27:37	78791.34	394761.19	39.52	Soil	10,560	-0.42
08/14/2021	12:27:38	78791.23	394761.02	39.57	Soil	10,980	-0.13
08/14/2021	12:27:39	78791.01	394761.16	39.54	Soil	12,900	1.20
08/14/2021	12:27:40	78791.11	394760.99	39.51	Soil	9,540	-1.13
08/14/2021	12:27:40	78791.02	394760.71	39.51	Soil	11,460	0.20
08/14/2021	12:27:42	78790.93	394760.70	39.52	Soil	11,280	0.08
08/14/2021	12:27:42	78791.01	394760.94	39.55	Soil	8,280	-2.00
08/14/2021	12:27:44	78791.18	394760.78	39.58	Soil	11,220	0.04
08/14/2021	12:27:45	78791.30	394761.03	39.57	Soil	10,860	-0.21
08/14/2021	12:27:45	78791.51	394760.79	39.50	Soil	10,800	-0.25
08/14/2021	12:27:46	78791.55	394761.08	39.50	Soil	11,880	0.49
08/14/2021	12:27:48	78791.93	394760.89	39.49	Soil	12,540	0.95
08/14/2021	12:27:49	78792.08	394761.17	39.49	Soil	12,060	0.62
08/14/2021	12:27:50	78792.45	394760.99	39.61	Soil	11,040	-0.09
08/14/2021	12:27:51	78792.68	394761.30	39.58	Soil	13,440	1.57
08/14/2021	12:27:52	78792.77	394761.33	39.59	Soil	12,360	0.82
08/14/2021	12:27:53	78792.79	394761.32	39.63	Soil	12,960	1.24
08/14/2021	12:27:53	78792.66	394761.05	39.63	Soil	12,240	0.74
08/14/2021	12:27:54	78792.85	394760.93	39.66	Soil	11,340	0.12
08/14/2021	12:27:56	78792.75	394761.30	39.60	Soil	10,080	-0.75
08/14/2021	12:27:56	78792.53	394761.14	39.58	Soil	11,820	0.45
08/14/2021	12:27:57	78792.40	394761.12	39.49	Soil	10,080	-0.75
08/14/2021	12:27:59	78792.27	394761.14	39.42	Soil	12,480	0.91
08/14/2021	12:28:00	78792.00	394761.24	39.42	Soil	12,240	0.74
08/14/2021	12:28:01	78791.79	394761.12	39.43	Soil	10,920	-0.17

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08/14/2021	12:28:02	78791.53	394761.28	39.43	Soil	13,020	1.28
08/14/2021	12:28:03	78791.39	394761.07	39.49	Soil	10,320	-0.59
08/14/2021	12:28:04	78791.18	394761.18	39.52	Soil	11,580	0.28
08/14/2021	12:28:05	78791.11	394761.12	39.52	Soil	12,000	0.58
08/14/2021	12:28:05	78790.96	394760.91	39.52	Soil	12,360	0.82
08/14/2021	12:28:06	78791.09	394760.76	39.53	Soil	10,860	-0.21
08/14/2021	12:28:08	78791.14	394760.77	39.55	Soil	9,900	-0.88
08/14/2021	12:28:08	78791.24	394760.84	39.55	Soil	11,040	-0.09
08/14/2021	12:28:10	78791.44	394760.93	39.52	Soil	12,300	0.78
08/14/2021	12:28:10	78791.63	394760.98	39.49	Soil	10,140	-0.71
08/14/2021	12:28:11	78791.90	394760.99	39.45	Soil	13,080	1.32
08/14/2021	12:28:13	78792.14	394761.01	39.60	Soil	11,340	0.12
08/14/2021	12:28:13	78792.39	394760.86	39.60	Soil	10,740	-0.30
08/14/2021	12:28:15	78792.65	394760.99	39.60	Soil	11,820	0.45
08/14/2021	12:28:16	78792.81	394760.70	39.71	Soil	12,540	0.95
08/14/2021	12:28:17	78792.55	394760.73	39.73	Soil	11,880	0.49
08/14/2021	12:28:18	78792.46	394760.63	39.73	Soil	13,380	1.53
08/14/2021	12:28:18	78792.41	394760.58	39.67	Soil	11,880	0.49
08/14/2021	12:28:20	78792.25	394760.65	39.64	Soil	10,500	-0.46
08/14/2021	12:28:21	78792.15	394760.59	39.55	Soil	10,440	-0.50
08/14/2021	12:28:21	78791.98	394760.54	39.55	Soil	12,180	0.70
08/14/2021	12:28:22	78791.74	394760.50	39.55	Soil	12,780	1.11
08/14/2021	12:28:24	78791.44	394760.48	39.59	Soil	11,700	0.37
08/14/2021	12:28:24	78791.42	394760.36	39.61	Soil	10,860	-0.21
08/14/2021	12:28:25	78791.24	394760.14	39.61	Soil	11,820	0.45
08/14/2021	12:28:26	78791.17	394760.26	39.60	Soil	10,440	-0.50
08/14/2021	12:28:27	78791.17	394760.38	39.60	Soil	11,460	0.20
08/14/2021	12:28:29	78791.26	394760.17	39.63	Soil	11,580	0.28
08/14/2021	12:28:29	78791.38	394760.43	39.65	Soil	11,700	0.37
08/14/2021	12:28:31	78791.65	394760.30	39.66	Soil	10,800	-0.25
08/14/2021	12:28:31	78791.96	394760.54	39.69	Soil	12,300	0.78
08/14/2021	12:28:33	78792.25	394760.50	39.72	Soil	13,560	1.65
08/14/2021	12:28:33	78792.52	394760.60	39.72	Soil	11,640	0.33
08/14/2021	12:28:35	78792.84	394760.65	39.77	Soil	12,420	0.87
08/14/2021	12:28:36	78792.55	394760.52	39.82	Soil	11,100	-0.05
08/14/2021	12:28:37	78792.53	394760.44	39.81	Soil	11,460	0.20
08/14/2021	12:28:38	78792.38	394760.32	39.80	Soil	11,760	0.41
08/14/2021	12:28:39	78792.13	394760.41	39.72	Soil	11,340	0.12
08/14/2021	12:28:40	78791.97	394760.22	39.72	Soil	11,820	0.45
08/14/2021	12:28:40	78791.72	394760.23	39.69	Soil	11,400	0.16
08/14/2021	12:28:41	78791.53	394760.22	39.68	Soil	12,060	0.62
08/14/2021	12:28:43	78791.30	394760.17	39.68	Soil	12,360	0.82
08/14/2021	12:28:44	78791.43	394759.99	39.67	Soil	12,240	0.74
08/14/2021	12:28:45	78791.40	394759.80	39.65	Soil	13,500	1.61
08/14/2021	12:28:45	78791.47	394759.96	39.64	Soil	10,380	-0.54
08/14/2021	12:28:47	78791.71	394760.10	39.72	Soil	11,640	0.33
08/14/2021	12:28:47	78792.03	394760.02	39.72	Soil	12,360	0.82
08/14/2021	12:28:48	78792.27	394760.15	39.78	Soil	11,940	0.53
08/14/2021	12:28:49	78792.38	394760.03	39.77	Soil	12,000	0.58
08/14/2021	12:28:51	78792.08	394759.97	39.78	Soil	11,700	0.37
08/14/2021	12:28:52	78792.07	394759.82	39.76	Soil	11,040	-0.09

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08/14/2021	12:28:53	78791.77	394759.92	39.72	Soil	13,020	1.28
08/14/2021	12:28:53	78791.56	394759.72	39.72	Soil	13,080	1.32
08/14/2021	12:28:55	78791.41	394759.82	39.66	Soil	12,000	0.58
08/14/2021	12:28:56	78790.90	394759.47	39.72	Soil	11,520	0.24
08/14/2021	12:28:56	78791.01	394759.52	39.72	Soil	12,240	0.74
08/14/2021	12:28:57	78790.93	394759.52	39.73	Soil	13,080	1.32
08/14/2021	12:28:59	78791.40	394759.20	39.74	Soil	12,660	1.03
08/14/2021	12:29:00	78791.49	394759.40	39.75	Soil	11,640	0.33
08/14/2021	12:29:00	78791.84	394759.40	39.75	Soil	13,080	1.32
08/14/2021	12:29:02	78792.02	394759.58	39.80	Soil	13,260	1.45
08/14/2021	12:29:03	78792.23	394759.68	39.80	Soil	12,900	1.20
08/14/2021	12:29:04	78792.42	394759.71	39.84	Soil	11,460	0.20
08/14/2021	12:29:05	78792.63	394759.86	39.89	Soil	12,780	1.11
08/14/2021	12:29:06	78792.77	394759.82	39.89	Soil	10,920	-0.17
08/14/2021	12:29:07	78792.92	394759.74	39.96	Soil	11,760	0.41
08/14/2021	12:29:07	78792.86	394760.05	39.95	Soil	11,940	0.53
08/14/2021	12:29:12	78793.16	394760.07	40.09	Soil	11,580	0.28
08/14/2021	12:29:13	78792.98	394759.97	40.06	Soil	11,220	0.04
08/14/2021	12:29:21	78793.26	394759.32	40.57	Soil	11,760	0.41
08/14/2021	12:29:22	78793.09	394759.09	40.57	Soil	9,840	-0.92
08/14/2021	12:29:22	78792.80	394759.21	40.21	Soil	10,860	-0.21
08/14/2021	12:29:23	78792.44	394758.99	39.86	Soil	12,300	0.78
08/14/2021	12:29:24	78792.31	394759.23	39.91	Soil	10,800	-0.25
08/14/2021	12:29:25	78792.29	394759.34	39.91	Soil	12,000	0.58
08/14/2021	12:29:26	78792.27	394759.33	39.88	Soil	11,700	0.37
08/14/2021	12:29:28	78792.07	394759.11	39.66	Soil	11,820	0.45
08/14/2021	12:29:28	78791.97	394759.29	39.66	Soil	10,800	-0.25
08/14/2021	12:29:29	78791.76	394759.13	39.68	Soil	12,540	0.95
08/14/2021	12:29:30	78791.53	394759.10	39.64	Soil	12,000	0.58
08/14/2021	12:29:31	78791.18	394759.01	39.77	Soil	12,780	1.11
08/14/2021	12:29:32	78790.89	394758.95	39.83	Soil	11,640	0.33
08/14/2021	12:29:33	78790.56	394758.66	40.14	Soil	11,760	0.41
08/14/2021	12:29:34	78790.52	394758.64	40.20	Soil	13,800	1.82
08/14/2021	12:29:35	78790.46	394758.84	40.18	Soil	13,260	1.45
08/14/2021	12:29:36	78790.26	394758.91	40.18	Soil	12,000	0.58
08/14/2021	12:29:37	78790.09	394759.01	40.18	Soil	13,860	1.86
08/14/2021	12:29:38	78789.97	394759.18	40.17	Soil	15,360	2.90
08/14/2021	12:29:39	78789.70	394759.22	40.20	Soil	14,880	2.57
08/14/2021	12:29:40	78789.69	394759.52	40.20	Soil	13,440	1.57
08/14/2021	12:29:46	78789.59	394759.86	40.06	Soil	10,800	-0.25
08/14/2021	12:29:47	78789.67	394760.02	40.06	Soil	11,220	0.04
08/14/2021	12:29:48	78789.68	394760.19	40.00	Soil	11,040	-0.09
08/14/2021	12:29:49	78789.75	394760.28	39.94	Soil	10,920	-0.17
08/14/2021	12:29:51	78789.95	394760.11	39.89	Soil	12,780	1.11
08/14/2021	12:29:51	78789.97	394760.35	39.78	Soil	12,660	1.03
08/14/2021	12:29:52	78790.04	394760.44	39.70	Soil	11,640	0.33
08/14/2021	12:29:53	78790.20	394760.36	39.68	Soil	11,520	0.24
08/14/2021	12:29:54	78790.34	394760.32	39.54	Soil	12,660	1.03
08/14/2021	12:29:55	78790.61	394760.52	39.42	Soil	13,680	1.74
08/14/2021	12:29:56	78790.71	394760.58	39.33	Soil	12,480	0.91
08/14/2021	12:29:57	78790.44	394760.75	39.39	Soil	12,600	0.99

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08/14/2021	12:29:58	78790.45	394760.61	39.38	Soil	12,360	0.82
08/14/2021	12:29:59	78790.46	394760.71	39.42	Soil	11,580	0.28
08/14/2021	12:30:00	78790.41	394760.55	39.45	Soil	9,960	-0.84
08/14/2021	12:30:01	78790.15	394760.57	39.59	Soil	10,740	-0.30
08/14/2021	12:30:02	78789.90	394760.33	39.75	Soil	11,460	0.20
08/14/2021	12:30:03	78789.64	394760.51	39.90	Soil	11,520	0.24
08/14/2021	12:30:04	78789.64	394760.14	39.99	Soil	12,060	0.62
08/14/2021	12:30:12	78789.53	394760.69	39.87	Soil	11,400	0.16
08/14/2021	12:30:13	78789.66	394760.92	39.76	Soil	10,800	-0.25
08/14/2021	12:30:14	78789.78	394760.78	39.77	Soil	10,860	-0.21
08/14/2021	12:30:15	78790.04	394760.45	39.71	Soil	10,020	-0.79
08/14/2021	12:30:16	78790.13	394760.66	39.64	Soil	10,680	-0.34
08/14/2021	12:30:17	78790.20	394760.84	39.54	Soil	12,540	0.95
08/14/2021	12:30:18	78790.44	394760.69	39.50	Soil	12,360	0.82
08/14/2021	12:30:19	78790.38	394761.01	39.49	Soil	11,820	0.45
08/14/2021	12:30:20	78790.49	394760.91	39.51	Soil	11,280	0.08
08/14/2021	12:30:21	78790.29	394761.24	39.51	Soil	11,040	-0.09
08/14/2021	12:30:22	78790.45	394761.41	39.51	Soil	9,900	-0.88
08/14/2021	12:30:23	78790.18	394761.80	39.53	Soil	8,580	-1.79
08/14/2021	12:30:24	78790.15	394762.00	39.53	Soil	11,760	0.41
08/14/2021	12:30:25	78790.32	394761.71	39.48	Soil	11,460	0.20
08/14/2021	12:30:26	78790.52	394761.72	39.48	Soil	11,400	0.16
08/14/2021	12:30:27	78790.63	394761.63	39.45	Soil	9,900	-0.88
08/14/2021	12:30:28	78790.55	394761.42	39.45	Soil	11,640	0.33
08/14/2021	12:30:29	78790.71	394761.30	39.40	Soil	12,000	0.58
08/14/2021	12:30:30	78790.50	394761.17	39.40	Soil	10,620	-0.38
08/14/2021	12:30:31	78790.86	394761.03	39.36	Soil	11,940	0.53
08/14/2021	12:30:32	78790.66	394760.73	39.37	Soil	14,640	2.40
08/14/2021	12:30:33	78791.00	394760.60	39.36	Soil	12,540	0.95
08/14/2021	12:30:34	78790.86	394760.29	39.35	Soil	10,380	-0.54
08/14/2021	12:30:35	78791.17	394760.04	39.36	Soil	11,400	0.16
08/14/2021	12:30:36	78791.24	394759.83	39.38	Soil	12,360	0.82
08/14/2021	12:30:37	78791.25	394759.64	39.38	Soil	12,300	0.78
08/14/2021	12:30:39	78791.06	394759.50	39.44	Soil	12,300	0.78
08/14/2021	12:30:39	78791.05	394759.20	39.51	Soil	12,060	0.62
08/14/2021	12:30:40	78791.08	394759.34	39.50	Soil	12,360	0.82
08/14/2021	12:30:41	78791.03	394759.38	39.49	Soil	13,320	1.49
08/14/2021	12:30:42	78791.02	394759.48	39.44	Soil	13,320	1.49
08/14/2021	12:30:43	78791.06	394759.57	39.44	Soil	11,460	0.20
08/14/2021	12:30:44	78790.89	394759.70	39.39	Soil	13,140	1.36
08/14/2021	12:30:45	78790.84	394759.88	39.34	Soil	12,540	0.95
08/14/2021	12:30:46	78790.81	394760.16	39.29	Soil	13,860	1.86
08/14/2021	12:30:47	78790.65	394760.41	39.30	Soil	10,740	-0.30
08/14/2021	12:30:48	78790.64	394760.75	39.34	Soil	10,680	-0.34
08/14/2021	12:30:49	78790.44	394760.75	39.39	Soil	10,860	-0.21
08/14/2021	12:30:50	78790.54	394760.70	39.43	Soil	12,540	0.95
08/14/2021	12:30:51	78790.40	394760.35	39.48	Soil	11,640	0.33
08/14/2021	12:30:52	78790.54	394760.34	39.45	Soil	12,900	1.20
08/14/2021	12:30:53	78790.63	394760.10	39.43	Soil	13,080	1.32
08/14/2021	12:30:54	78790.75	394759.74	39.50	Soil	11,220	0.04
08/14/2021	12:30:55	78790.64	394759.48	39.53	Soil	12,720	1.07

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08/14/2021	12:30:56	78790.93	394759.25	39.55	Soil	13,020	1.28
08/14/2021	12:30:57	78790.84	394759.14	39.59	Soil	12,900	1.20
08/14/2021	12:30:58	78790.76	394759.15	39.64	Soil	14,640	2.40
08/14/2021	12:30:59	78791.05	394758.88	39.78	Soil	13,140	1.36
08/14/2021	12:31:00	78790.59	394758.98	39.76	Soil	13,380	1.53
08/14/2021	12:31:01	78790.32	394758.72	40.13	Soil	12,840	1.16
08/14/2021	12:31:02	78790.58	394758.79	40.14	Soil	12,720	1.07
08/14/2021	12:31:03	78790.36	394758.97	40.15	Soil	11,400	0.16
08/14/2021	12:31:04	78790.45	394759.08	40.15	Soil	13,860	1.86
08/14/2021	12:31:05	78790.23	394759.24	40.15	Soil	12,300	0.78
08/14/2021	12:31:06	78790.18	394759.37	40.15	Soil	11,580	0.28
08/14/2021	12:31:07	78790.13	394759.43	40.17	Soil	12,780	1.11
08/14/2021	12:31:08	78789.97	394759.52	40.18	Soil	12,180	0.70
08/14/2021	12:31:09	78789.89	394759.54	40.24	Soil	11,580	0.28
08/14/2021	12:31:10	78789.59	394759.70	40.28	Soil	11,220	0.04
08/14/2021	12:31:11	78789.52	394759.77	40.28	Soil	13,020	1.28
08/14/2021	12:31:12	78789.78	394759.75	40.21	Soil	13,440	1.57
08/14/2021	12:31:13	78790.04	394759.89	39.92	Soil	11,880	0.49
08/14/2021	12:31:14	78790.11	394760.02	39.84	Soil	10,800	-0.25
08/14/2021	12:31:15	78790.18	394759.76	39.83	Soil	14,040	1.99
08/14/2021	12:31:16	78790.37	394759.71	39.75	Soil	11,220	0.04
08/14/2021	12:31:17	78790.51	394759.81	39.66	Soil	13,380	1.53
08/14/2021	12:31:18	78790.55	394759.84	39.59	Soil	13,140	1.36
08/14/2021	12:31:20	78790.67	394760.08	39.49	Soil	13,140	1.36
08/14/2021	12:31:20	78790.67	394759.90	39.47	Soil	13,680	1.74
08/14/2021	12:31:21	78790.77	394760.04	39.44	Soil	11,880	0.49
08/14/2021	12:31:22	78790.20	394760.00	39.52	Soil	12,960	1.24
08/14/2021	12:31:23	78790.00	394759.88	39.66	Soil	13,140	1.36
08/14/2021	12:31:24	78790.05	394759.95	39.66	Soil	12,960	1.24
08/14/2021	12:31:25	78790.30	394760.16	39.65	Soil	11,940	0.53
08/14/2021	12:31:26	78790.27	394760.23	39.62	Soil	11,340	0.12
08/14/2021	12:31:27	78790.30	394760.38	39.58	Soil	12,120	0.66
08/14/2021	12:31:28	78790.38	394760.03	39.55	Soil	12,240	0.74
08/14/2021	12:31:29	78790.58	394759.79	39.55	Soil	12,480	0.91
08/14/2021	12:31:30	78790.74	394759.69	39.53	Soil	14,940	2.61
08/14/2021	12:31:31	78790.81	394759.50	39.53	Soil	13,080	1.32
08/14/2021	12:31:32	78790.94	394759.27	39.56	Soil	12,120	0.66
08/14/2021	12:31:33	78791.19	394759.13	39.59	Soil	12,120	0.66
08/14/2021	12:31:34	78791.34	394758.92	39.68	Soil	12,600	0.99
08/14/2021	12:31:35	78791.54	394759.09	39.62	Soil	10,560	-0.42
08/21/2021	10:12:41	78791.97	394768.14	41.56	Soil	10,500	-0.46
08/21/2021	10:12:42	78791.94	394768.20	41.54	Soil	9,960	-0.84
08/21/2021	10:12:43	78791.87	394768.26	41.45	Soil	9,000	-1.50
08/21/2021	10:12:44	78791.65	394768.16	41.78	Soil	9,060	-1.46
08/21/2021	10:12:45	78791.42	394768.04	42.22	Soil	8,280	-2.00
08/21/2021	10:12:46	78791.41	394768.24	41.81	Soil	8,220	-2.04
08/21/2021	10:12:47	78791.44	394768.24	42.12	Soil	9,900	-0.88
08/21/2021	10:12:48	78791.50	394768.21	41.91	Soil	8,640	-1.75
08/21/2021	10:12:49	78791.48	394767.98	42.71	Soil	9,480	-1.17
08/21/2021	10:12:50	78791.50	394767.80	42.95	Soil	8,100	-2.12
08/21/2021	10:12:51	78791.53	394767.83	42.92	Soil	8,580	-1.79

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08/21/2021	10:12:52	78791.58	394767.91	42.91	Soil	8,460	-1.87
08/21/2021	10:12:53	78791.62	394767.99	42.83	Soil	10,200	-0.67
08/21/2021	10:12:54	78791.68	394768.05	42.73	Soil	10,740	-0.30
08/21/2021	10:12:55	78791.75	394768.20	42.68	Soil	8,520	-1.83
08/21/2021	10:12:56	78791.84	394768.42	42.38	Soil	8,220	-2.04
08/21/2021	10:12:57	78792.02	394768.64	41.93	Soil	9,840	-0.92
08/21/2021	10:12:58	78792.09	394768.79	41.80	Soil	9,300	-1.29
08/21/2021	10:12:59	78792.20	394768.84	41.79	Soil	9,000	-1.50
08/21/2021	10:13:00	78792.33	394768.76	42.00	Soil	9,840	-0.92
08/21/2021	10:13:01	78792.26	394768.82	42.10	Soil	9,480	-1.17
08/21/2021	10:13:02	78792.27	394769.01	41.91	Soil	8,400	-1.91
08/21/2021	10:13:03	78792.33	394769.09	41.89	Soil	9,780	-0.96
08/21/2021	10:13:04	78792.36	394769.15	41.89	Soil	7,980	-2.20
08/21/2021	10:13:05	78792.37	394769.13	41.92	Soil	9,300	-1.29
08/21/2021	10:13:06	78792.34	394769.15	41.83	Soil	9,780	-0.96
08/21/2021	10:13:07	78792.37	394769.15	41.86	Soil	8,460	-1.87
08/21/2021	10:13:08	78792.52	394769.23	41.41	Soil	9,060	-1.46
08/21/2021	10:13:09	78792.55	394769.19	41.56	Soil	8,940	-1.54
08/21/2021	10:13:10	78792.58	394769.33	41.42	Soil	7,380	-2.62
08/21/2021	10:13:11	78792.55	394769.25	41.49	Soil	7,560	-2.50
08/21/2021	10:13:12	78792.57	394769.27	41.47	Soil	8,820	-1.62
08/21/2021	10:13:13	78792.59	394769.31	41.43	Soil	8,100	-2.12
08/21/2021	10:13:14	78792.67	394769.42	41.00	Soil	8,100	-2.12
08/21/2021	10:13:15	78792.71	394769.45	41.00	Soil	9,000	-1.50
08/21/2021	10:13:16	78792.71	394769.44	41.03	Soil	9,600	-1.08
08/21/2021	10:13:17	78792.71	394769.38	41.12	Soil	9,420	-1.21
08/21/2021	10:13:18	78792.70	394769.45	41.08	Soil	10,200	-0.67
08/21/2021	10:13:19	78792.71	394769.54	40.99	Soil	10,440	-0.50
08/21/2021	10:13:20	78792.73	394769.74	40.47	Soil	9,120	-1.42
08/21/2021	10:13:21	78792.74	394769.83	40.38	Soil	8,100	-2.12
08/21/2021	10:13:22	78792.81	394769.78	40.44	Soil	7,680	-2.41
08/21/2021	10:13:23	78792.83	394769.75	40.52	Soil	7,980	-2.20
08/21/2021	10:13:24	78792.78	394769.85	40.19	Soil	8,700	-1.71
08/21/2021	10:13:25	78792.80	394769.92	40.31	Soil	7,260	-2.70
08/21/2021	10:13:26	78792.79	394770.02	40.27	Soil	8,280	-2.00
08/21/2021	10:13:27	78792.79	394770.12	40.22	Soil	8,160	-2.08
08/21/2021	10:13:28	78792.80	394770.20	40.18	Soil	7,860	-2.29
08/21/2021	10:13:29	78792.79	394770.28	40.12	Soil	7,500	-2.54
08/21/2021	10:13:30	78792.77	394770.34	40.08	Soil	7,140	-2.79
08/21/2021	10:13:31	78792.74	394770.35	40.17	Soil	8,520	-1.83
08/21/2021	10:13:32	78792.71	394770.36	40.21	Soil	8,160	-2.08
08/21/2021	10:13:33	78792.67	394770.39	40.21	Soil	8,460	-1.87
08/21/2021	10:13:34	78792.64	394770.42	40.19	Soil	7,800	-2.33
08/21/2021	10:13:35	78792.60	394770.46	40.17	Soil	8,040	-2.16
08/21/2021	10:13:36	78792.56	394770.44	40.20	Soil	8,580	-1.79
08/21/2021	10:13:37	78792.58	394770.22	40.28	Soil	7,680	-2.41
08/21/2021	10:13:38	78792.77	394769.86	40.37	Soil	9,420	-1.21
08/21/2021	10:13:39	78792.84	394769.67	40.35	Soil	8,640	-1.75
08/21/2021	10:13:40	78792.75	394769.52	40.42	Soil	8,220	-2.04
08/21/2021	10:13:41	78792.80	394769.32	40.55	Soil	7,920	-2.25
08/21/2021	10:13:42	78792.82	394769.22	40.64	Soil	9,720	-1.00

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08/21/2021	10:13:43	78792.77	394769.15	40.83	Soil	7,740	-2.37
08/21/2021	10:13:44	78792.75	394769.06	40.95	Soil	9,900	-0.88
08/21/2021	10:13:45	78792.74	394768.97	41.14	Soil	7,620	-2.45
08/21/2021	10:13:46	78792.68	394768.92	41.28	Soil	8,880	-1.58
08/21/2021	10:13:47	78792.64	394768.76	41.53	Soil	7,740	-2.37
08/21/2021	10:13:48	78792.68	394768.57	41.70	Soil	7,260	-2.70
08/21/2021	10:13:49	78792.69	394768.30	42.28	Soil	8,220	-2.04
08/21/2021	10:13:50	78792.72	394768.12	42.61	Soil	8,160	-2.08
08/21/2021	10:13:51	78792.72	394768.01	42.80	Soil	9,420	-1.21
08/21/2021	10:13:52	78792.66	394767.92	43.09	Soil	9,300	-1.29
08/21/2021	10:13:53	78792.68	394767.87	43.25	Soil	8,580	-1.79
08/21/2021	10:13:54	78792.67	394767.72	43.47	Soil	9,900	-0.88
08/21/2021	10:13:55	78792.64	394767.54	43.76	Soil	8,460	-1.87
08/21/2021	10:13:56	78792.58	394767.41	43.93	Soil	8,940	-1.54
08/21/2021	10:13:57	78792.54	394767.30	44.22	Soil	9,840	-0.92
08/21/2021	10:13:58	78792.55	394767.18	44.42	Soil	8,460	-1.87
08/21/2021	10:13:59	78792.53	394767.07	44.65	Soil	9,360	-1.25
08/21/2021	10:14:00	78792.63	394767.03	44.60	Soil	10,020	-0.79
08/21/2021	10:14:01	78792.63	394766.92	45.05	Soil	9,300	-1.29
08/21/2021	10:14:02	78792.69	394766.83	45.25	Soil	10,920	-0.17
08/21/2021	10:14:03	78792.76	394766.80	45.25	Soil	8,940	-1.54
08/21/2021	10:14:04	78792.81	394766.83	45.23	Soil	8,220	-2.04
08/21/2021	10:14:05	78792.86	394766.89	45.15	Soil	9,840	-0.92
08/21/2021	10:14:06	78792.91	394766.96	45.07	Soil	8,820	-1.62
08/21/2021	10:14:07	78792.94	394767.03	44.98	Soil	9,840	-0.92
08/21/2021	10:14:08	78792.96	394767.09	44.92	Soil	11,700	0.37
08/21/2021	10:14:09	78792.98	394767.14	44.84	Soil	8,340	-1.96
08/21/2021	10:14:10	78792.98	394767.21	44.74	Soil	9,480	-1.17
08/21/2021	10:14:11	78792.99	394767.27	44.63	Soil	10,020	-0.79
08/21/2021	10:14:12	78792.99	394767.33	44.51	Soil	10,260	-0.63
08/21/2021	10:14:13	78792.98	394767.39	44.39	Soil	9,600	-1.08
08/21/2021	10:14:14	78792.96	394767.46	44.24	Soil	10,620	-0.38
08/21/2021	10:14:15	78792.91	394767.55	44.14	Soil	9,720	-1.00
08/21/2021	10:14:16	78792.93	394767.61	43.98	Soil	9,180	-1.37
08/21/2021	10:14:17	78792.96	394767.64	43.87	Soil	9,180	-1.37
08/21/2021	10:14:18	78793.00	394767.67	43.71	Soil	8,640	-1.75
08/21/2021	10:14:19	78793.01	394767.84	43.32	Soil	7,680	-2.41
08/21/2021	10:14:20	78792.97	394768.06	42.98	Soil	8,220	-2.04
08/21/2021	10:14:21	78792.90	394768.11	42.96	Soil	9,000	-1.50
08/21/2021	10:14:22	78792.82	394768.09	42.96	Soil	9,120	-1.42
08/21/2021	10:14:23	78792.78	394768.23	42.58	Soil	8,520	-1.83
08/21/2021	10:14:24	78792.75	394768.25	42.62	Soil	8,940	-1.54
08/21/2021	10:14:25	78792.72	394768.22	42.60	Soil	6,840	-2.99
08/21/2021	10:14:26	78792.69	394768.22	42.54	Soil	9,420	-1.21
08/21/2021	10:14:27	78792.69	394768.25	42.47	Soil	10,020	-0.79
08/21/2021	10:14:28	78792.65	394768.26	42.44	Soil	7,980	-2.20
08/21/2021	10:14:29	78792.66	394768.32	42.30	Soil	7,980	-2.20
08/21/2021	10:14:30	78792.70	394768.44	42.01	Soil	8,160	-2.08
08/21/2021	10:14:31	78792.73	394768.57	41.71	Soil	9,000	-1.50
08/21/2021	10:14:32	78792.75	394768.65	41.50	Soil	8,280	-2.00
08/21/2021	10:14:33	78792.74	394768.72	41.40	Soil	8,340	-1.96

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08/21/2021	10:14:34	78792.76	394768.76	41.35	Soil	8,400	-1.91
08/21/2021	10:14:35	78792.91	394768.98	40.75	Soil	7,920	-2.25
08/21/2021	10:14:36	78793.01	394769.16	40.40	Soil	7,920	-2.25
08/21/2021	10:14:44	78792.99	394769.81	39.52	Soil	9,120	-1.42
08/21/2021	10:14:45	78792.96	394769.78	39.51	Soil	8,880	-1.58
08/21/2021	10:14:46	78792.93	394769.77	39.53	Soil	7,680	-2.41
08/21/2021	10:14:47	78792.89	394769.75	39.57	Soil	7,620	-2.45
08/21/2021	10:14:48	78792.86	394769.73	39.60	Soil	7,380	-2.62
08/21/2021	10:14:49	78792.84	394769.73	39.58	Soil	7,500	-2.54
08/21/2021	10:14:50	78792.84	394769.74	39.57	Soil	8,160	-2.08
08/21/2021	10:14:51	78792.84	394769.75	39.56	Soil	8,820	-1.62
08/21/2021	10:14:52	78792.85	394769.77	39.53	Soil	8,160	-2.08
08/21/2021	10:14:53	78792.86	394769.79	39.50	Soil	8,580	-1.79
08/21/2021	10:14:54	78792.88	394769.81	39.47	Soil	8,760	-1.67
08/21/2021	10:14:55	78792.90	394769.83	39.45	Soil	8,520	-1.83
08/21/2021	10:14:56	78792.93	394769.82	39.39	Soil	7,860	-2.29
08/21/2021	10:14:57	78792.88	394769.78	39.84	Soil	7,920	-2.25
08/21/2021	10:14:58	78792.59	394769.60	40.31	Soil	7,860	-2.29
08/21/2021	10:14:59	78792.61	394769.52	40.30	Soil	9,360	-1.25
08/21/2021	10:15:00	78792.45	394769.50	40.22	Soil	9,060	-1.46
08/21/2021	10:15:01	78792.60	394769.52	40.09	Soil	8,640	-1.75
08/21/2021	10:15:02	78792.71	394769.63	40.05	Soil	9,180	-1.37
08/21/2021	10:15:03	78792.80	394769.49	40.36	Soil	8,700	-1.71
08/21/2021	10:15:04	78792.56	394769.47	40.72	Soil	9,720	-1.00
08/21/2021	10:15:05	78792.55	394769.10	41.06	Soil	9,720	-1.00
08/21/2021	10:15:06	78792.59	394768.83	41.37	Soil	9,120	-1.42
08/21/2021	10:15:07	78792.61	394768.91	41.03	Soil	7,620	-2.45
08/21/2021	10:15:08	78792.60	394768.81	41.42	Soil	9,060	-1.46
08/21/2021	10:15:09	78792.56	394768.71	41.51	Soil	8,580	-1.79
08/21/2021	10:15:10	78792.57	394768.60	41.70	Soil	8,880	-1.58
08/21/2021	10:15:11	78792.53	394768.46	41.98	Soil	7,560	-2.50
08/21/2021	10:15:12	78792.47	394768.34	42.17	Soil	9,480	-1.17
08/21/2021	10:15:13	78792.41	394768.26	42.12	Soil	7,620	-2.45
08/21/2021	10:15:14	78792.45	394768.07	42.30	Soil	9,240	-1.33
08/21/2021	10:15:15	78792.40	394767.94	42.53	Soil	8,760	-1.67
08/21/2021	10:15:16	78792.40	394767.89	42.47	Soil	9,360	-1.25
08/21/2021	10:15:17	78792.37	394767.81	42.51	Soil	9,840	-0.92
08/21/2021	10:15:18	78792.48	394767.58	42.50	Soil	9,780	-0.96
08/21/2021	10:15:19	78792.48	394767.58	42.48	Soil	10,020	-0.79
08/21/2021	10:15:20	78792.52	394767.42	42.48	Soil	8,880	-1.58
08/21/2021	10:15:21	78792.56	394767.37	42.47	Soil	10,440	-0.50
08/21/2021	10:15:22	78792.37	394767.64	42.30	Soil	9,000	-1.50
08/21/2021	10:15:23	78792.27	394767.92	41.84	Soil	9,900	-0.88
08/21/2021	10:15:24	78792.21	394768.25	41.49	Soil	8,640	-1.75
08/21/2021	10:15:25	78792.09	394768.38	41.38	Soil	9,960	-0.84
08/21/2021	10:15:26	78792.17	394768.42	41.25	Soil	10,500	-0.46
08/21/2021	10:15:27	78792.03	394768.56	41.12	Soil	9,120	-1.42
08/21/2021	10:15:28	78791.97	394768.68	40.92	Soil	9,240	-1.33
08/21/2021	10:15:29	78792.13	394768.74	40.83	Soil	9,000	-1.50
08/21/2021	10:15:30	78792.16	394768.73	40.80	Soil	7,980	-2.20
08/21/2021	10:15:31	78792.24	394768.83	40.73	Soil	8,880	-1.58

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08/21/2021	10:15:32	78792.28	394768.87	40.67	Soil	7,680	-2.41
08/21/2021	10:15:33	78792.25	394768.93	40.57	Soil	8,040	-2.16
08/21/2021	10:15:34	78792.23	394769.08	40.47	Soil	9,060	-1.46
08/21/2021	10:15:35	78792.24	394769.11	40.47	Soil	10,080	-0.75
08/21/2021	10:15:36	78792.31	394769.17	40.47	Soil	8,880	-1.58
08/21/2021	10:15:37	78792.32	394769.24	40.44	Soil	9,240	-1.33
08/21/2021	10:15:38	78792.26	394769.28	40.33	Soil	8,340	-1.96
08/21/2021	10:15:39	78792.15	394769.60	39.83	Soil	8,340	-1.96
08/21/2021	10:15:40	78792.20	394769.65	39.77	Soil	10,140	-0.71
08/21/2021	10:15:41	78792.17	394769.45	39.96	Soil	8,580	-1.79
08/21/2021	10:15:42	78792.09	394769.39	39.94	Soil	8,340	-1.96
08/21/2021	10:15:43	78791.97	394768.79	40.36	Soil	7,620	-2.45
08/21/2021	10:15:44	78792.16	394768.87	40.41	Soil	9,540	-1.13
08/21/2021	10:15:45	78792.29	394769.06	40.48	Soil	9,420	-1.21
08/21/2021	10:15:46	78792.36	394769.08	40.46	Soil	8,400	-1.91
08/21/2021	10:15:47	78792.40	394769.15	40.34	Soil	9,120	-1.42
08/21/2021	10:15:48	78792.36	394769.30	40.28	Soil	8,640	-1.75
08/21/2021	10:15:49	78792.46	394769.38	40.24	Soil	8,820	-1.62
08/21/2021	10:15:50	78792.50	394769.42	40.25	Soil	9,300	-1.29
08/21/2021	10:15:51	78792.51	394769.48	40.19	Soil	8,460	-1.87
08/21/2021	10:15:52	78792.45	394769.64	40.10	Soil	10,140	-0.71
08/21/2021	10:15:53	78792.39	394769.70	40.14	Soil	8,460	-1.87
08/21/2021	10:15:54	78792.40	394769.85	40.01	Soil	8,700	-1.71
08/21/2021	10:15:55	78792.43	394769.86	40.18	Soil	8,460	-1.87
08/21/2021	10:15:56	78792.27	394769.84	40.34	Soil	8,700	-1.71
08/21/2021	10:15:57	78791.99	394769.66	40.75	Soil	10,200	-0.67
08/21/2021	10:15:58	78791.98	394769.26	41.26	Soil	9,480	-1.17
08/21/2021	10:15:59	78791.92	394769.11	41.43	Soil	9,840	-0.92
08/21/2021	10:16:00	78791.90	394768.80	41.90	Soil	10,860	-0.21
08/21/2021	10:16:01	78791.85	394768.85	41.88	Soil	8,340	-1.96
08/21/2021	10:16:02	78791.73	394768.75	42.18	Soil	7,680	-2.41
08/21/2021	10:16:03	78791.65	394769.14	42.14	Soil	10,920	-0.17
08/21/2021	10:16:04	78791.65	394769.31	42.35	Soil	8,880	-1.58
08/21/2021	10:16:05	78791.64	394769.34	42.25	Soil	9,240	-1.33
08/21/2021	10:16:06	78791.76	394769.21	42.45	Soil	8,340	-1.96
08/21/2021	10:16:07	78791.94	394768.83	42.68	Soil	10,020	-0.79
08/21/2021	10:16:08	78791.87	394768.83	42.68	Soil	9,720	-1.00
08/21/2021	10:16:09	78791.71	394768.68	43.05	Soil	8,040	-2.16
08/21/2021	10:16:10	78791.74	394768.65	42.93	Soil	8,880	-1.58
08/21/2021	10:16:11	78791.79	394768.37	43.35	Soil	8,700	-1.71
08/21/2021	10:16:12	78791.78	394768.22	43.50	Soil	9,720	-1.00
08/21/2021	10:16:13	78791.63	394767.88	44.02	Soil	8,940	-1.54
08/21/2021	10:16:14	78791.67	394767.67	44.11	Soil	8,160	-2.08
08/21/2021	10:16:15	78791.66	394767.31	44.49	Soil	8,940	-1.54
08/21/2021	10:16:16	78791.64	394767.12	44.63	Soil	7,440	-2.58
08/21/2021	10:16:17	78791.69	394767.10	44.14	Soil	7,980	-2.20
08/21/2021	10:16:18	78791.76	394767.20	43.70	Soil	9,180	-1.37
08/21/2021	10:16:19	78791.79	394767.13	43.36	Soil	10,500	-0.46
08/21/2021	10:16:20	78792.03	394766.95	42.90	Soil	9,900	-0.88
08/21/2021	10:16:21	78792.38	394766.84	42.63	Soil	9,300	-1.29
08/21/2021	10:16:22	78792.59	394766.74	42.46	Soil	9,540	-1.13

SU 7C GWS RESULTS

08/21/2021	10:16:23	78792.64	394766.69	42.50	Soil	8,580	-1.79
08/21/2021	10:16:24	78792.64	394766.66	42.56	Soil	8,580	-1.79
08/21/2021	10:16:25	78792.64	394766.64	42.64	Soil	10,440	-0.50
08/21/2021	10:16:26	78792.63	394766.62	42.72	Soil	9,660	-1.04
08/21/2021	10:16:27	78792.63	394766.61	42.81	Soil	10,320	-0.59
08/21/2021	10:16:35	78792.55	394766.52	43.67	Soil	9,120	-1.42
08/21/2021	10:16:36	78792.53	394766.52	43.78	Soil	9,540	-1.13
08/21/2021	10:16:37	78792.38	394766.66	43.98	Soil	7,920	-2.25
08/21/2021	10:16:38	78791.97	394766.94	43.91	Soil	10,380	-0.54
08/21/2021	10:16:39	78791.74	394767.27	43.48	Soil	9,480	-1.17
08/21/2021	10:16:40	78791.51	394767.45	43.31	Soil	9,480	-1.17
08/21/2021	10:16:41	78791.40	394767.43	43.01	Soil	10,260	-0.63
08/21/2021	10:16:42	78791.46	394767.38	42.77	Soil	9,960	-0.84
08/21/2021	10:16:43	78791.53	394767.38	42.52	Soil	11,400	0.16
08/21/2021	10:16:44	78791.43	394767.49	42.33	Soil	9,300	-1.29
08/21/2021	10:16:45	78791.44	394767.66	42.18	Soil	9,180	-1.37
08/21/2021	10:16:46	78791.44	394767.88	42.09	Soil	9,420	-1.21
08/21/2021	10:16:47	78791.61	394768.07	42.03	Soil	9,300	-1.29
08/21/2021	10:16:48	78791.61	394768.23	41.88	Soil	10,260	-0.63
08/21/2021	10:16:49	78791.69	394768.36	41.71	Soil	9,120	-1.42
08/21/2021	10:16:50	78791.74	394768.73	41.49	Soil	9,600	-1.08
08/21/2021	10:16:51	78791.77	394768.95	41.36	Soil	9,660	-1.04
08/21/2021	10:16:52	78791.68	394769.16	41.12	Soil	9,120	-1.42
08/21/2021	10:16:53	78791.66	394769.31	40.92	Soil	9,060	-1.46
08/21/2021	10:16:54	78791.72	394769.46	40.69	Soil	8,280	-2.00
08/21/2021	10:16:55	78791.78	394769.57	40.66	Soil	8,460	-1.87
08/21/2021	10:16:56	78791.74	394769.72	40.55	Soil	9,840	-0.92
08/21/2021	10:16:57	78791.81	394769.83	40.47	Soil	7,980	-2.20
08/21/2021	10:16:58	78791.82	394769.92	40.40	Soil	9,240	-1.33
08/21/2021	10:16:59	78791.93	394769.97	40.36	Soil	10,440	-0.50
08/21/2021	10:17:00	78791.95	394770.17	40.16	Soil	10,680	-0.34
08/21/2021	10:17:01	78791.97	394770.27	40.14	Soil	10,200	-0.67
08/21/2021	10:17:02	78791.95	394770.54	39.87	Soil	7,860	-2.29
08/21/2021	10:17:03	78791.99	394770.67	39.92	Soil	10,140	-0.71
08/21/2021	10:17:04	78791.98	394770.70	39.84	Soil	9,660	-1.04
08/21/2021	10:17:05	78791.98	394770.69	39.87	Soil	10,800	-0.25
08/21/2021	10:17:06	78791.98	394770.63	39.94	Soil	9,300	-1.29
08/21/2021	10:17:07	78791.73	394770.35	40.10	Soil	9,660	-1.04
08/21/2021	10:17:08	78791.83	394770.02	40.17	Soil	9,600	-1.08
08/21/2021	10:17:09	78791.97	394769.77	40.34	Soil	9,000	-1.50
08/21/2021	10:17:10	78791.92	394769.58	40.50	Soil	9,660	-1.04
08/21/2021	10:17:11	78791.86	394769.20	41.01	Soil	9,660	-1.04
08/21/2021	10:17:12	78791.88	394769.03	41.26	Soil	9,240	-1.33
08/21/2021	10:17:13	78791.90	394768.68	41.32	Soil	9,000	-1.50
08/21/2021	10:17:14	78791.84	394768.44	41.51	Soil	8,520	-1.83
08/21/2021	10:17:15	78791.78	394768.40	41.47	Soil	9,120	-1.42
08/21/2021	10:17:16	78791.85	394768.25	41.31	Soil	10,080	-0.75
08/21/2021	10:17:17	78791.81	394768.09	41.26	Soil	10,320	-0.59
08/21/2021	10:17:18	78791.81	394767.95	41.20	Soil	9,480	-1.17
08/21/2021	10:17:19	78791.73	394767.75	41.11	Soil	10,020	-0.79
08/21/2021	10:17:20	78791.63	394767.53	41.03	Soil	11,220	0.04

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08/21/2021	10:17:21	78791.58	394767.30	41.00	Soil	8,340	-1.96
08/21/2021	10:17:22	78791.52	394767.02	40.93	Soil	10,680	-0.34
08/21/2021	10:17:23	78791.47	394766.90	40.83	Soil	9,000	-1.50
08/21/2021	10:17:24	78791.44	394766.92	40.62	Soil	8,820	-1.62
08/21/2021	10:17:25	78791.43	394766.92	40.48	Soil	10,620	-0.38
08/21/2021	10:17:26	78791.44	394766.93	40.44	Soil	9,600	-1.08
08/21/2021	10:17:27	78791.46	394766.93	40.40	Soil	9,600	-1.08
08/21/2021	10:17:28	78791.48	394766.92	40.36	Soil	9,540	-1.13
08/21/2021	10:17:29	78791.50	394766.91	40.34	Soil	9,960	-0.84
08/21/2021	10:17:30	78791.51	394766.90	40.31	Soil	8,940	-1.54
08/21/2021	10:17:31	78791.53	394766.89	40.28	Soil	9,720	-1.00
08/21/2021	10:17:32	78791.55	394766.88	40.25	Soil	10,200	-0.67
08/21/2021	10:17:33	78791.57	394766.87	40.21	Soil	11,040	-0.09
08/21/2021	10:17:34	78791.59	394766.87	40.17	Soil	10,320	-0.59
08/21/2021	10:17:35	78791.60	394766.86	40.13	Soil	10,440	-0.50
08/21/2021	10:17:36	78791.62	394766.85	40.10	Soil	9,660	-1.04
08/21/2021	10:17:37	78791.63	394766.84	40.07	Soil	10,440	-0.50
08/21/2021	10:17:38	78791.65	394766.83	40.03	Soil	11,400	0.16
08/21/2021	10:17:39	78791.63	394767.00	40.01	Soil	9,060	-1.46
08/21/2021	10:17:40	78791.63	394767.23	39.99	Soil	10,020	-0.79
08/21/2021	10:17:41	78791.52	394767.21	39.86	Soil	11,160	-0.01
08/21/2021	10:17:42	78791.58	394767.40	39.68	Soil	10,380	-0.54
08/21/2021	10:17:43	78791.68	394767.39	39.54	Soil	9,480	-1.17
08/21/2021	10:17:44	78791.69	394767.21	39.36	Soil	9,840	-0.92
08/21/2021	10:17:45	78791.62	394767.23	39.26	Soil	9,480	-1.17
08/21/2021	10:17:46	78791.65	394767.31	39.25	Soil	8,340	-1.96
08/21/2021	10:17:47	78791.53	394767.43	39.14	Soil	8,520	-1.83
08/21/2021	10:17:48	78791.58	394767.62	39.15	Soil	10,320	-0.59
08/21/2021	10:17:49	78791.64	394767.84	39.09	Soil	9,240	-1.33
08/21/2021	10:17:50	78791.63	394768.04	38.94	Soil	8,340	-1.96
08/21/2021	10:17:51	78791.68	394768.18	38.89	Soil	9,720	-1.00
08/21/2021	10:17:52	78791.62	394768.38	38.80	Soil	9,000	-1.50
08/21/2021	10:17:53	78791.59	394768.54	38.76	Soil	8,520	-1.83
08/21/2021	10:17:54	78791.63	394768.68	38.68	Soil	9,360	-1.25
08/21/2021	10:17:55	78791.68	394768.84	38.63	Soil	9,780	-0.96
08/21/2021	10:17:56	78791.73	394769.00	38.51	Soil	8,400	-1.91
08/21/2021	10:17:57	78791.73	394769.30	38.23	Soil	9,600	-1.08
08/21/2021	10:17:58	78791.79	394769.51	38.09	Soil	9,240	-1.33
08/21/2021	10:17:59	78791.78	394769.71	38.01	Soil	8,880	-1.58
08/21/2021	10:18:00	78791.74	394769.79	38.08	Soil	7,800	-2.33
08/21/2021	10:18:01	78791.54	394769.70	38.02	Soil	10,620	-0.38
08/21/2021	10:18:02	78791.37	394769.41	38.33	Soil	8,580	-1.79
08/21/2021	10:18:03	78791.43	394769.26	38.40	Soil	10,260	-0.63
08/21/2021	10:18:04	78791.49	394769.16	38.62	Soil	10,080	-0.75
08/21/2021	10:18:05	78791.59	394769.00	38.78	Soil	9,960	-0.84
08/21/2021	10:18:06	78791.55	394768.83	39.08	Soil	8,580	-1.79
08/21/2021	10:18:07	78791.46	394768.63	39.48	Soil	7,860	-2.29
08/21/2021	10:18:08	78791.47	394768.58	39.62	Soil	8,460	-1.87
08/21/2021	10:18:09	78791.29	394768.33	39.93	Soil	8,760	-1.67
08/21/2021	10:18:10	78791.19	394767.97	40.47	Soil	7,380	-2.62
08/21/2021	10:18:11	78791.17	394767.68	40.95	Soil	8,520	-1.83

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08/21/2021	10:18:12	78791.06	394767.39	41.36	Soil	9,660	-1.04
08/21/2021	10:18:13	78790.99	394767.15	41.67	Soil	8,940	-1.54
08/21/2021	10:18:14	78790.93	394767.04	41.81	Soil	9,660	-1.04
08/21/2021	10:18:15	78790.91	394766.87	42.04	Soil	8,460	-1.87
08/21/2021	10:18:16	78790.84	394766.58	42.00	Soil	8,700	-1.71
08/21/2021	10:18:17	78790.80	394766.45	41.91	Soil	12,720	1.07
08/21/2021	10:18:18	78790.82	394766.47	41.72	Soil	9,480	-1.17
08/21/2021	10:18:19	78790.85	394766.51	41.62	Soil	10,260	-0.63
08/21/2021	10:19:12	78791.27	394766.92	38.84	Soil	9,540	-1.13
08/21/2021	10:19:13	78791.26	394766.91	38.81	Soil	11,100	-0.05
08/21/2021	10:19:14	78791.33	394767.01	38.90	Soil	11,040	-0.09
08/21/2021	10:19:15	78791.30	394767.29	38.80	Soil	11,520	0.24
08/21/2021	10:19:16	78791.21	394767.53	38.70	Soil	9,720	-1.00
08/21/2021	10:19:17	78791.29	394767.74	38.61	Soil	10,620	-0.38
08/21/2021	10:19:18	78791.37	394767.83	38.56	Soil	9,000	-1.50
08/21/2021	10:19:19	78791.38	394768.01	38.43	Soil	11,400	0.16
08/21/2021	10:19:20	78791.40	394768.25	38.29	Soil	10,680	-0.34
08/21/2021	10:19:21	78791.40	394768.39	38.21	Soil	10,440	-0.50
08/21/2021	10:19:22	78791.41	394768.54	38.29	Soil	8,400	-1.91
08/21/2021	10:19:23	78791.42	394768.79	38.12	Soil	10,320	-0.59
08/21/2021	10:19:24	78791.44	394768.96	38.15	Soil	9,480	-1.17
08/21/2021	10:19:25	78791.43	394769.16	38.11	Soil	11,400	0.16
08/21/2021	10:19:26	78791.42	394769.35	38.02	Soil	8,940	-1.54
08/21/2021	10:19:27	78791.38	394769.50	37.89	Soil	9,360	-1.25
08/21/2021	10:19:28	78791.42	394769.72	37.66	Soil	10,140	-0.71
08/21/2021	10:19:29	78791.41	394769.86	37.63	Soil	8,760	-1.67
08/21/2021	10:19:30	78791.38	394769.93	37.65	Soil	9,240	-1.33
08/21/2021	10:19:31	78791.39	394770.01	37.58	Soil	8,100	-2.12
08/21/2021	10:19:32	78791.32	394769.95	37.77	Soil	10,500	-0.46
08/21/2021	10:19:33	78791.20	394769.75	38.10	Soil	7,920	-2.25
08/21/2021	10:19:34	78791.17	394769.61	38.22	Soil	8,700	-1.71
08/21/2021	10:19:35	78791.22	394769.47	38.33	Soil	8,400	-1.91
08/21/2021	10:19:36	78791.25	394769.53	38.25	Soil	9,600	-1.08
08/21/2021	10:19:37	78791.27	394769.74	38.33	Soil	9,600	-1.08
08/21/2021	10:19:38	78791.28	394769.94	38.20	Soil	9,600	-1.08
08/21/2021	10:19:39	78791.29	394769.97	38.53	Soil	8,640	-1.75
08/21/2021	10:19:40	78791.27	394769.86	38.77	Soil	8,880	-1.58
08/21/2021	10:19:41	78791.25	394769.73	39.02	Soil	8,640	-1.75
08/21/2021	10:19:42	78791.26	394769.51	38.99	Soil	11,040	-0.09
08/21/2021	10:19:43	78791.25	394769.26	39.03	Soil	9,720	-1.00
08/21/2021	10:19:44	78791.24	394768.99	39.63	Soil	7,440	-2.58
08/21/2021	10:19:45	78791.24	394768.67	40.10	Soil	9,120	-1.42
08/21/2021	10:19:46	78791.13	394768.36	40.28	Soil	8,760	-1.67
08/21/2021	10:19:47	78791.08	394768.07	40.60	Soil	8,820	-1.62
08/21/2021	10:19:48	78791.06	394767.87	40.72	Soil	9,360	-1.25
08/21/2021	10:19:49	78791.03	394767.65	40.86	Soil	8,640	-1.75
08/21/2021	10:19:50	78791.00	394767.41	40.88	Soil	9,300	-1.29
08/21/2021	10:19:51	78790.89	394767.24	40.82	Soil	9,120	-1.42
08/21/2021	10:19:52	78790.85	394767.15	40.78	Soil	11,160	-0.01
08/21/2021	10:19:53	78790.72	394767.36	40.77	Soil	9,420	-1.21
08/21/2021	10:19:54	78790.66	394767.55	40.76	Soil	9,240	-1.33

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08/21/2021	10:19:55	78790.67	394767.70	40.84	Soil	10,500	-0.46
08/21/2021	10:19:56	78790.69	394767.86	40.97	Soil	10,560	-0.42
08/21/2021	10:19:57	78790.69	394767.86	40.94	Soil	10,200	-0.67
08/21/2021	10:19:58	78790.69	394767.89	41.02	Soil	7,980	-2.20
08/21/2021	10:19:59	78790.60	394768.02	40.97	Soil	9,000	-1.50
08/21/2021	10:20:00	78790.63	394768.25	41.01	Soil	10,620	-0.38
08/21/2021	10:20:01	78790.62	394768.53	40.79	Soil	8,520	-1.83
08/21/2021	10:20:02	78790.62	394768.76	40.60	Soil	9,780	-0.96
08/21/2021	10:20:03	78790.69	394769.05	40.19	Soil	8,880	-1.58
08/21/2021	10:20:04	78790.72	394769.31	39.88	Soil	9,180	-1.37
08/21/2021	10:20:05	78790.79	394769.57	39.75	Soil	8,460	-1.87
08/21/2021	10:20:06	78790.82	394769.84	39.66	Soil	8,340	-1.96
08/21/2021	10:20:07	78790.84	394769.99	39.52	Soil	8,340	-1.96
08/21/2021	10:20:08	78790.86	394770.03	39.57	Soil	9,000	-1.50
08/21/2021	10:20:09	78790.84	394770.03	39.69	Soil	10,560	-0.42
08/21/2021	10:20:10	78790.65	394770.01	39.66	Soil	9,240	-1.33
08/21/2021	10:20:11	78790.51	394769.92	39.89	Soil	8,760	-1.67
08/21/2021	10:20:12	78790.39	394769.68	40.09	Soil	10,800	-0.25
08/21/2021	10:20:13	78790.33	394769.52	40.31	Soil	9,540	-1.13
08/21/2021	10:20:14	78790.34	394769.49	40.34	Soil	8,640	-1.75
08/21/2021	10:20:15	78790.32	394769.42	40.42	Soil	9,480	-1.17
08/21/2021	10:20:16	78790.30	394769.18	40.54	Soil	9,060	-1.46
08/21/2021	10:20:17	78790.30	394768.98	40.80	Soil	9,060	-1.46
08/21/2021	10:20:18	78790.31	394768.85	41.07	Soil	8,820	-1.62
08/21/2021	10:20:19	78790.29	394768.76	41.24	Soil	10,080	-0.75
08/21/2021	10:20:20	78790.29	394768.54	41.43	Soil	8,460	-1.87
08/21/2021	10:20:21	78790.25	394768.28	41.53	Soil	8,640	-1.75
08/21/2021	10:20:22	78790.31	394767.95	41.74	Soil	9,780	-0.96
08/21/2021	10:20:23	78790.37	394767.58	41.82	Soil	11,280	0.08
08/21/2021	10:20:24	78790.34	394767.39	41.75	Soil	9,120	-1.42
08/21/2021	10:20:25	78790.28	394767.43	41.70	Soil	10,140	-0.71
08/21/2021	10:20:26	78790.17	394767.33	41.67	Soil	10,320	-0.59
08/21/2021	10:20:27	78790.11	394767.18	41.66	Soil	11,640	0.33
08/21/2021	10:20:28	78790.10	394767.14	41.70	Soil	11,220	0.04
08/21/2021	10:20:29	78790.10	394767.13	41.71	Soil	10,140	-0.71
08/21/2021	10:20:30	78790.09	394767.12	41.73	Soil	8,580	-1.79
08/21/2021	10:20:31	78790.08	394767.12	41.75	Soil	10,620	-0.38
08/21/2021	10:20:32	78790.07	394767.11	41.77	Soil	10,560	-0.42
08/21/2021	10:20:33	78790.07	394767.11	41.77	Soil	11,340	0.12
08/21/2021	10:20:34	78790.07	394767.11	41.78	Soil	10,860	-0.21
08/21/2021	10:20:35	78790.06	394767.11	41.79	Soil	8,580	-1.79
08/21/2021	10:20:36	78790.06	394767.10	41.77	Soil	8,880	-1.58
08/21/2021	10:20:37	78790.06	394767.10	41.76	Soil	10,140	-0.71
08/21/2021	10:20:38	78790.06	394767.10	41.74	Soil	9,540	-1.13
08/21/2021	10:20:39	78790.05	394767.10	41.72	Soil	10,500	-0.46
08/21/2021	10:20:40	78790.04	394767.10	41.69	Soil	9,660	-1.04
08/21/2021	10:20:41	78790.03	394767.11	41.67	Soil	9,840	-0.92
08/21/2021	10:20:42	78790.03	394767.12	41.65	Soil	8,640	-1.75
08/21/2021	10:20:43	78790.03	394767.15	41.63	Soil	11,280	0.08
08/21/2021	10:20:44	78789.98	394767.53	41.66	Soil	8,820	-1.62
08/21/2021	10:20:45	78789.97	394767.85	41.65	Soil	9,000	-1.50

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08/21/2021	10:20:46	78790.02	394767.87	41.60	Soil	9,840	-0.92
08/21/2021	10:20:47	78789.99	394768.04	41.46	Soil	10,260	-0.63
08/21/2021	10:20:48	78789.97	394768.25	41.37	Soil	8,880	-1.58
08/21/2021	10:20:49	78790.00	394768.40	41.20	Soil	8,640	-1.75
08/21/2021	10:20:50	78790.02	394768.58	40.89	Soil	8,400	-1.91
08/21/2021	10:20:51	78790.06	394768.75	40.72	Soil	8,640	-1.75
08/21/2021	10:20:52	78790.22	394768.87	40.70	Soil	8,760	-1.67
08/21/2021	10:20:53	78790.22	394769.02	40.57	Soil	8,100	-2.12
08/21/2021	10:20:54	78790.19	394769.19	40.48	Soil	8,940	-1.54
08/21/2021	10:20:55	78790.24	394769.31	40.42	Soil	9,540	-1.13
08/21/2021	10:20:56	78790.28	394769.37	40.26	Soil	8,220	-2.04
08/21/2021	10:20:57	78790.29	394769.40	39.95	Soil	9,180	-1.37
08/21/2021	10:20:58	78790.35	394769.39	40.05	Soil	7,980	-2.20
08/21/2021	10:20:59	78790.61	394769.24	40.18	Soil	8,880	-1.58
08/21/2021	10:21:00	78790.89	394769.08	40.38	Soil	9,660	-1.04
08/21/2021	10:21:01	78790.94	394768.82	40.34	Soil	8,220	-2.04
08/21/2021	10:21:02	78790.96	394768.60	40.41	Soil	9,780	-0.96
08/21/2021	10:21:03	78790.92	394768.41	40.65	Soil	8,460	-1.87
08/21/2021	10:21:04	78790.89	394768.21	40.92	Soil	9,720	-1.00
08/21/2021	10:21:05	78790.86	394768.05	41.08	Soil	9,180	-1.37
08/21/2021	10:21:06	78790.85	394767.84	41.09	Soil	9,480	-1.17
08/21/2021	10:21:07	78790.88	394767.63	41.27	Soil	8,220	-2.04
08/21/2021	10:21:08	78790.87	394767.41	41.32	Soil	9,780	-0.96
08/21/2021	10:21:09	78790.78	394767.23	41.42	Soil	10,560	-0.42
08/21/2021	10:21:10	78790.62	394767.07	41.46	Soil	10,500	-0.46
08/21/2021	10:21:11	78790.48	394767.07	41.54	Soil	10,560	-0.42
08/21/2021	10:21:12	78790.32	394767.21	41.56	Soil	10,200	-0.67
08/21/2021	10:21:13	78790.16	394767.38	41.50	Soil	10,560	-0.42
08/21/2021	10:21:14	78790.11	394767.39	41.50	Soil	10,500	-0.46
08/21/2021	10:21:15	78790.07	394767.55	41.50	Soil	8,580	-1.79
08/21/2021	10:21:16	78789.99	394767.78	41.37	Soil	10,800	-0.25
08/21/2021	10:21:17	78789.95	394767.88	41.36	Soil	10,320	-0.59
08/21/2021	10:21:18	78789.87	394768.12	41.33	Soil	8,520	-1.83
08/21/2021	10:21:19	78789.81	394768.42	41.23	Soil	9,180	-1.37
08/21/2021	10:21:20	78789.85	394768.60	41.19	Soil	7,260	-2.70
08/21/2021	10:21:21	78789.87	394768.70	41.06	Soil	7,680	-2.41
08/21/2021	10:21:22	78789.88	394768.86	40.79	Soil	9,240	-1.33
08/21/2021	10:21:23	78789.88	394768.98	40.75	Soil	9,720	-1.00
08/21/2021	10:21:24	78789.69	394769.23	40.71	Soil	8,040	-2.16
08/21/2021	10:21:25	78789.47	394769.48	40.45	Soil	8,280	-2.00
08/21/2021	10:21:26	78789.49	394769.53	40.39	Soil	7,980	-2.20
08/21/2021	10:21:27	78789.61	394769.53	40.38	Soil	8,160	-2.08
08/21/2021	10:21:28	78789.69	394769.53	40.39	Soil	8,040	-2.16
08/21/2021	10:21:29	78789.76	394769.54	40.38	Soil	8,400	-1.91
08/21/2021	10:21:30	78789.81	394769.55	40.39	Soil	8,160	-2.08
08/26/2021	18:11:25	78798.53	394741.06	40.22	Soil	11,340	0.12
08/26/2021	18:11:27	78798.27	394741.69	40.29	Soil	10,320	-0.59
08/26/2021	18:25:50	78793.43	394752.92	40.17	Soil	13,440	1.57
08/26/2021	18:25:51	78793.50	394753.27	40.15	Soil	10,500	-0.46
08/26/2021	18:25:52	78793.36	394753.63	40.08	Soil	13,200	1.41
08/26/2021	18:25:53	78793.20	394753.93	40.10	Soil	10,440	-0.50

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08/26/2021	18:25:54	78793.28	394754.16	40.06	Soil	9,480	-1.17
08/26/2021	18:25:55	78793.31	394754.54	39.98	Soil	13,020	1.28
08/26/2021	18:25:56	78793.15	394754.87	39.86	Soil	11,280	0.08
08/26/2021	18:25:57	78792.94	394754.71	39.88	Soil	11,160	-0.01
08/26/2021	18:25:58	78792.96	394754.31	39.82	Soil	11,820	0.45
08/26/2021	18:25:59	78792.91	394753.85	39.77	Soil	12,120	0.66
08/26/2021	18:26:00	78792.81	394753.39	39.80	Soil	11,880	0.49
08/26/2021	18:26:01	78792.67	394752.97	39.78	Soil	11,700	0.37
08/26/2021	18:26:02	78792.66	394752.53	39.91	Soil	10,260	-0.63
08/26/2021	18:26:03	78792.65	394752.03	39.92	Soil	10,680	-0.34
08/26/2021	18:26:04	78792.61	394751.69	39.92	Soil	11,520	0.24
08/26/2021	18:26:14	78791.53	394749.36	39.78	Soil	11,820	0.45
08/30/2021	17:47:30	78789.85	394758.90	40.11	Soil	13,500	1.61
08/30/2021	17:47:31	78790.15	394758.44	40.05	Soil	11,040	-0.09
08/30/2021	17:47:32	78790.41	394758.02	40.03	Soil	11,520	0.24
08/30/2021	17:47:33	78790.70	394758.03	39.95	Soil	10,140	-0.71
08/30/2021	17:47:34	78790.87	394758.21	39.78	Soil	11,460	0.20
08/30/2021	17:47:35	78791.12	394758.50	39.70	Soil	9,660	-1.04
08/30/2021	17:47:36	78790.85	394758.64	39.60	Soil	12,420	0.87
08/30/2021	17:47:37	78790.60	394758.88	39.55	Soil	11,460	0.20
08/30/2021	17:47:38	78790.21	394759.07	39.54	Soil	13,320	1.49
08/30/2021	17:47:39	78789.97	394759.30	39.55	Soil	14,040	1.99
08/30/2021	17:47:40	78789.77	394759.71	39.67	Soil	13,380	1.53
08/30/2021	17:48:37	78789.52	394760.86	39.63	Soil	9,960	-0.84
08/30/2021	17:48:38	78789.80	394760.69	39.60	Soil	11,040	-0.09
08/30/2021	17:48:39	78790.03	394760.43	39.58	Soil	9,960	-0.84
08/30/2021	17:48:40	78790.29	394760.12	39.56	Soil	11,100	-0.05
08/30/2021	17:48:41	78790.53	394759.64	39.60	Soil	10,740	-0.30
08/30/2021	17:48:42	78791.14	394759.36	39.67	Soil	13,080	1.32
08/30/2021	17:48:43	78791.49	394759.08	39.64	Soil	10,620	-0.38
08/30/2021	17:48:44	78791.61	394759.20	39.57	Soil	11,580	0.28
08/30/2021	17:48:45	78791.57	394759.36	39.51	Soil	11,940	0.53
08/30/2021	17:48:46	78791.30	394759.62	39.48	Soil	11,460	0.20
08/30/2021	17:48:47	78790.90	394759.99	39.54	Soil	11,100	-0.05
08/30/2021	17:48:48	78790.38	394760.23	39.56	Soil	11,100	-0.05
08/30/2021	17:48:49	78790.11	394760.63	39.64	Soil	10,560	-0.42
08/30/2021	17:48:50	78789.71	394760.87	39.70	Soil	11,220	0.04
08/30/2021	17:48:51	78789.45	394761.29	39.77	Soil	10,380	-0.54
08/30/2021	17:51:52	78789.91	394759.81	39.56	Soil	12,540	0.95
08/30/2021	17:51:53	78790.56	394759.13	39.63	Soil	11,160	-0.01
08/30/2021	17:51:54	78790.92	394758.62	39.98	Soil	11,460	0.20
08/30/2021	17:51:55	78791.05	394758.31	40.02	Soil	10,200	-0.67
08/30/2021	17:51:56	78790.65	394758.12	40.06	Soil	10,440	-0.50
08/30/2021	17:51:57	78790.42	394757.73	40.12	Soil	12,300	0.78
08/30/2021	17:51:58	78790.18	394757.39	40.07	Soil	10,800	-0.25
08/30/2021	17:51:59	78790.34	394757.06	40.10	Soil	12,300	0.78
08/30/2021	17:52:00	78790.23	394756.68	40.06	Soil	10,620	-0.38
08/30/2021	17:52:01	78790.36	394756.30	40.07	Soil	12,780	1.11
08/30/2021	17:52:02	78790.32	394755.82	40.06	Soil	12,480	0.91
08/30/2021	17:52:03	78790.55	394755.37	40.05	Soil	12,300	0.78
08/30/2021	17:52:04	78790.52	394754.82	40.04	Soil	11,940	0.53

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08/30/2021	17:52:05	78790.75	394754.33	40.05	Soil	11,280	0.08
08/30/2021	17:52:06	78790.53	394753.95	40.04	Soil	9,960	-0.84
08/30/2021	17:52:07	78790.69	394753.48	39.98	Soil	12,180	0.70
08/30/2021	17:52:08	78790.70	394753.00	39.86	Soil	10,920	-0.17
08/30/2021	17:52:09	78790.90	394752.63	39.88	Soil	9,540	-1.13
08/30/2021	17:52:10	78790.96	394752.08	39.94	Soil	10,440	-0.50
08/30/2021	17:52:11	78791.06	394751.60	39.96	Soil	10,020	-0.79
08/30/2021	17:52:12	78791.11	394751.36	39.97	Soil	12,300	0.78
08/30/2021	17:52:13	78791.16	394751.27	39.97	Soil	9,240	-1.33
08/30/2021	17:52:14	78791.17	394751.26	39.97	Soil	11,520	0.24
08/30/2021	17:52:15	78791.17	394751.26	39.97	Soil	12,000	0.58
08/30/2021	17:52:16	78791.16	394751.26	39.96	Soil	11,460	0.20
08/30/2021	17:52:17	78791.16	394751.26	39.95	Soil	11,100	-0.05
08/30/2021	17:52:18	78791.13	394751.30	39.94	Soil	10,740	-0.30
08/30/2021	17:52:19	78791.14	394751.31	39.94	Soil	10,920	-0.17
08/30/2021	17:52:20	78791.14	394751.31	39.94	Soil	10,860	-0.21
08/30/2021	17:52:21	78791.17	394751.30	39.94	Soil	11,460	0.20
08/30/2021	17:52:22	78791.16	394751.31	39.93	Soil	10,080	-0.75
08/30/2021	17:52:23	78791.17	394751.30	39.93	Soil	13,440	1.57
08/30/2021	17:52:24	78791.18	394751.31	39.92	Soil	10,740	-0.30
08/30/2021	17:52:25	78791.17	394751.30	39.92	Soil	11,040	-0.09
08/30/2021	17:52:26	78791.16	394751.30	39.93	Soil	10,800	-0.25
08/30/2021	17:52:27	78791.15	394751.30	39.92	Soil	12,000	0.58
08/30/2021	17:52:28	78791.18	394751.28	39.93	Soil	11,160	-0.01
08/30/2021	17:52:29	78791.19	394751.29	39.93	Soil	12,480	0.91
08/30/2021	17:52:30	78791.20	394751.29	39.93	Soil	11,160	-0.01
08/30/2021	17:52:31	78791.18	394751.29	39.93	Soil	10,980	-0.13
08/30/2021	17:52:32	78791.18	394751.28	39.93	Soil	10,140	-0.71
08/30/2021	17:52:33	78791.19	394751.28	39.93	Soil	12,240	0.74
08/30/2021	17:52:34	78791.18	394751.29	39.93	Soil	10,560	-0.42
08/30/2021	17:52:35	78791.19	394751.29	39.93	Soil	11,700	0.37
08/30/2021	17:52:36	78791.19	394751.29	39.92	Soil	11,280	0.08
08/30/2021	17:52:37	78791.18	394751.30	39.92	Soil	11,880	0.49
08/30/2021	17:52:38	78791.18	394751.30	39.92	Soil	11,040	-0.09
08/30/2021	17:52:39	78791.14	394751.31	39.93	Soil	11,280	0.08
08/30/2021	17:52:40	78791.14	394751.31	39.94	Soil	11,160	-0.01
08/30/2021	17:52:41	78791.14	394751.31	39.95	Soil	12,720	1.07
08/30/2021	17:52:42	78791.13	394751.31	39.95	Soil	10,680	-0.34
08/30/2021	17:52:43	78791.13	394751.30	39.95	Soil	12,300	0.78
08/30/2021	17:52:44	78791.12	394751.29	39.98	Soil	10,800	-0.25
08/30/2021	17:52:45	78791.02	394751.11	39.94	Soil	11,820	0.45
08/30/2021	17:52:46	78791.08	394751.21	39.91	Soil	9,420	-1.21
08/30/2021	17:52:47	78791.11	394751.25	39.91	Soil	10,740	-0.30
08/30/2021	17:52:48	78791.11	394751.24	39.91	Soil	10,860	-0.21
08/30/2021	17:52:49	78791.11	394751.24	39.90	Soil	11,820	0.45
08/30/2021	17:52:50	78791.11	394751.25	39.89	Soil	12,180	0.70
08/30/2021	17:52:51	78791.11	394751.19	39.83	Soil	11,520	0.24
08/30/2021	17:52:52	78791.13	394750.78	39.47	Soil	11,940	0.53
08/30/2021	17:52:53	78791.08	394750.52	39.47	Soil	10,620	-0.38
08/30/2021	17:52:54	78791.10	394751.05	39.90	Soil	10,500	-0.46
08/30/2021	17:52:55	78791.07	394751.19	39.90	Soil	12,060	0.62

SU 7C GWS RESULTS

08/30/2021	17:52:56	78791.01	394751.17	39.90	Soil	11,820	0.45
08/30/2021	17:52:57	78790.89	394750.75	39.93	Soil	13,140	1.36
08/30/2021	17:52:58	78791.00	394751.04	39.90	Soil	11,820	0.45
08/30/2021	17:52:59	78791.20	394751.64	39.82	Soil	10,200	-0.67
08/30/2021	17:53:00	78791.26	394752.53	39.92	Soil	11,940	0.53
08/30/2021	17:53:01	78791.19	394753.31	39.92	Soil	10,260	-0.63
08/30/2021	17:53:02	78791.23	394753.99	39.92	Soil	12,420	0.87
08/30/2021	17:53:03	78791.05	394754.74	39.95	Soil	12,360	0.82
08/30/2021	17:53:04	78790.86	394755.45	39.97	Soil	11,640	0.33
08/30/2021	17:53:05	78790.74	394756.23	39.97	Soil	11,580	0.28
08/30/2021	17:53:06	78790.50	394756.99	39.97	Soil	11,520	0.24
08/30/2021	17:53:07	78790.29	394757.71	40.01	Soil	12,300	0.78
08/30/2021	17:53:08	78790.10	394758.32	40.04	Soil	12,360	0.82
08/30/2021	17:53:09	78789.80	394758.76	40.04	Soil	13,800	1.82
08/30/2021	17:54:01	78789.63	394757.88	40.68	Soil	10,080	-0.75
08/30/2021	17:54:03	78789.63	394757.23	40.68	Soil	12,960	1.24
08/30/2021	17:56:07	78793.31	394757.48	40.40	Soil	10,020	-0.79
08/30/2021	17:56:08	78793.21	394757.42	40.32	Soil	10,860	-0.21
08/30/2021	17:56:09	78793.23	394757.43	40.32	Soil	11,580	0.28
08/30/2021	17:56:10	78793.01	394757.31	40.31	Soil	11,520	0.24
08/30/2021	17:56:11	78792.96	394757.34	40.28	Soil	10,440	-0.50
08/30/2021	17:56:56	78793.23	394756.71	40.27	Soil	11,640	0.33
08/30/2021	17:56:57	78792.91	394756.42	40.17	Soil	10,200	-0.67
08/30/2021	17:56:58	78792.64	394756.15	40.10	Soil	12,120	0.66
08/30/2021	17:56:59	78792.54	394755.62	40.11	Soil	11,220	0.04
08/30/2021	17:57:00	78792.88	394755.68	40.19	Soil	11,100	-0.05
08/30/2021	17:57:01	78793.21	394755.95	40.35	Soil	11,820	0.45
09/01/2021	16:56:54	78797.86	394739.67	40.14	Soil	10,080	-0.75
09/01/2021	16:56:55	78797.84	394739.67	40.12	Soil	8,580	-1.79
09/01/2021	16:56:56	78797.91	394739.69	40.13	Soil	10,020	-0.79
09/01/2021	16:56:57	78798.06	394739.69	40.14	Soil	12,540	0.95
09/01/2021	16:56:58	78798.11	394739.60	40.14	Soil	11,040	-0.09
09/01/2021	17:06:31	78792.81	394758.33	40.51	Soil	9,480	-1.17
09/01/2021	17:06:32	78792.81	394758.35	40.50	Soil	10,260	-0.63
09/01/2021	17:06:33	78792.80	394758.44	40.51	Soil	9,660	-1.04
09/01/2021	17:06:34	78792.81	394758.48	40.50	Soil	11,340	0.12
09/01/2021	17:06:35	78792.83	394758.44	40.54	Soil	10,500	-0.46
09/01/2021	17:06:36	78793.03	394758.36	40.56	Soil	10,620	-0.38
09/01/2021	17:06:37	78793.11	394758.38	40.55	Soil	10,920	-0.17
09/01/2021	17:06:38	78793.17	394758.56	40.61	Soil	11,040	-0.09
09/01/2021	17:07:03	78793.15	394758.81	40.52	Soil	9,900	-0.88
09/01/2021	17:07:04	78793.04	394758.62	40.52	Soil	11,220	0.04
09/01/2021	17:07:05	78792.97	394758.48	40.51	Soil	10,380	-0.54
09/01/2021	17:07:06	78793.05	394758.33	40.45	Soil	9,420	-1.21
09/01/2021	17:07:07	78792.98	394758.15	40.48	Soil	10,140	-0.71
09/01/2021	17:07:08	78793.10	394758.00	40.46	Soil	11,760	0.41
09/01/2021	17:07:09	78792.98	394757.82	40.46	Soil	11,040	-0.09
09/01/2021	17:07:10	78793.07	394757.65	40.49	Soil	11,280	0.08
09/01/2021	17:07:11	78793.13	394757.51	40.48	Soil	10,740	-0.30
09/01/2021	17:07:12	78793.05	394757.39	40.46	Soil	10,740	-0.30
09/01/2021	17:07:13	78793.10	394757.18	40.40	Soil	10,740	-0.30

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09/01/2021	17:07:14	78792.98	394756.94	40.42	Soil	10,080	-0.75
09/01/2021	17:07:15	78793.09	394756.74	40.40	Soil	11,580	0.28
09/01/2021	17:07:16	78792.91	394756.60	40.42	Soil	11,460	0.20
09/01/2021	17:07:17	78793.08	394756.35	40.48	Soil	11,880	0.49
09/01/2021	17:07:18	78793.09	394756.15	40.51	Soil	11,700	0.37
09/01/2021	17:07:19	78793.30	394756.01	40.50	Soil	12,540	0.95
09/01/2021	17:07:20	78793.19	394755.85	40.48	Soil	11,160	-0.01
09/01/2021	17:07:21	78793.22	394755.77	40.55	Soil	9,360	-1.25
09/01/2021	17:07:22	78793.56	394755.58	40.59	Soil	10,380	-0.54
09/01/2021	17:07:25	78793.55	394755.59	40.62	Soil	11,760	0.41
09/01/2021	17:08:11	78793.01	394757.65	40.49	Soil	11,160	-0.01
09/01/2021	17:08:12	78792.97	394757.67	40.45	Soil	10,800	-0.25
09/01/2021	17:08:13	78792.84	394757.58	40.42	Soil	11,040	-0.09
09/01/2021	17:08:14	78792.73	394757.67	40.41	Soil	9,720	-1.00
09/01/2021	17:08:15	78792.68	394757.50	40.42	Soil	10,800	-0.25
09/01/2021	17:08:16	78792.65	394757.53	40.42	Soil	10,560	-0.42
09/01/2021	17:08:17	78792.65	394757.53	40.38	Soil	10,620	-0.38
09/01/2021	17:08:18	78792.61	394757.57	40.31	Soil	10,260	-0.63
09/01/2021	17:08:19	78792.47	394757.68	40.25	Soil	10,320	-0.59
09/01/2021	17:08:20	78792.33	394757.52	40.21	Soil	10,620	-0.38
09/01/2021	17:08:21	78792.25	394757.63	40.19	Soil	11,220	0.04
09/01/2021	17:08:22	78792.07	394757.47	40.15	Soil	11,700	0.37
09/01/2021	17:08:23	78791.96	394757.58	40.14	Soil	12,300	0.78
09/01/2021	17:08:24	78791.80	394757.48	40.11	Soil	10,320	-0.59
09/01/2021	17:08:25	78791.66	394757.62	40.11	Soil	10,380	-0.54
09/01/2021	17:08:26	78791.56	394757.51	40.09	Soil	11,400	0.16
09/01/2021	17:08:27	78791.47	394757.55	40.10	Soil	9,960	-0.84
09/01/2021	17:08:28	78791.34	394757.55	40.08	Soil	11,040	-0.09
09/01/2021	17:08:29	78791.22	394757.51	40.05	Soil	11,220	0.04
09/01/2021	17:08:30	78791.00	394757.66	40.07	Soil	11,160	-0.01
09/01/2021	17:08:31	78791.12	394757.48	40.07	Soil	12,060	0.62
09/01/2021	17:08:32	78790.97	394757.36	40.06	Soil	10,500	-0.46
09/01/2021	17:08:33	78791.06	394757.22	40.07	Soil	11,340	0.12
09/01/2021	17:08:34	78790.91	394757.09	40.05	Soil	9,360	-1.25
09/01/2021	17:08:35	78791.03	394756.92	40.06	Soil	10,440	-0.50
09/01/2021	17:08:36	78790.89	394756.75	40.05	Soil	11,940	0.53
09/01/2021	17:08:37	78791.00	394756.60	40.05	Soil	13,440	1.57
09/01/2021	17:08:38	78790.91	394756.47	40.05	Soil	10,740	-0.30
09/01/2021	17:08:39	78790.84	394756.34	40.05	Soil	12,240	0.74
09/01/2021	17:08:40	78791.08	394756.17	40.05	Soil	11,280	0.08
09/01/2021	17:08:41	78791.00	394756.03	40.05	Soil	13,080	1.32
09/01/2021	17:08:42	78791.19	394755.93	40.04	Soil	13,020	1.28
09/01/2021	17:08:43	78791.13	394755.72	40.03	Soil	9,780	-0.96
09/01/2021	17:08:44	78791.31	394755.62	40.03	Soil	10,920	-0.17
09/01/2021	17:08:45	78791.22	394755.41	39.99	Soil	11,220	0.04
09/01/2021	17:08:46	78791.38	394755.32	40.00	Soil	10,860	-0.21
09/01/2021	17:08:47	78791.31	394755.10	40.01	Soil	9,420	-1.21
09/01/2021	17:08:48	78791.30	394755.01	40.01	Soil	10,320	-0.59
09/01/2021	17:08:49	78791.42	394754.91	40.01	Soil	10,680	-0.34
09/01/2021	17:08:50	78791.35	394754.76	40.01	Soil	11,760	0.41
09/01/2021	17:08:51	78791.39	394754.67	39.99	Soil	10,500	-0.46

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09/01/2021	17:08:52	78791.44	394754.58	39.97	Soil	10,080	-0.75
09/01/2021	17:08:53	78791.43	394754.43	39.95	Soil	11,160	-0.01
09/01/2021	17:08:54	78791.59	394754.32	39.92	Soil	12,120	0.66
09/01/2021	17:08:55	78791.49	394754.13	39.95	Soil	9,720	-1.00
09/01/2021	17:08:56	78791.68	394754.05	39.94	Soil	12,360	0.82
09/01/2021	17:08:57	78791.69	394753.91	39.96	Soil	10,800	-0.25
09/01/2021	17:08:58	78791.85	394753.83	39.98	Soil	10,260	-0.63
09/01/2021	17:08:59	78791.78	394753.67	39.96	Soil	11,040	-0.09
09/01/2021	17:09:00	78791.85	394753.61	39.91	Soil	11,100	-0.05
09/01/2021	17:09:01	78791.69	394753.46	39.91	Soil	10,440	-0.50
09/01/2021	17:09:02	78791.75	394753.29	39.87	Soil	9,900	-0.88
09/01/2021	17:09:03	78791.61	394753.16	39.88	Soil	10,620	-0.38
09/01/2021	17:09:04	78791.68	394753.02	39.90	Soil	11,460	0.20
09/01/2021	17:09:05	78791.64	394752.86	39.90	Soil	9,600	-1.08
09/01/2021	17:09:06	78791.65	394752.72	39.89	Soil	11,700	0.37
09/01/2021	17:09:07	78791.55	394752.62	39.87	Soil	12,780	1.11
09/01/2021	17:09:08	78791.48	394752.53	39.83	Soil	9,960	-0.84
09/01/2021	17:09:09	78791.56	394752.41	39.83	Soil	10,980	-0.13
09/01/2021	17:09:10	78791.31	394752.20	39.82	Soil	10,560	-0.42
09/01/2021	17:09:11	78791.29	394752.08	39.88	Soil	11,640	0.33
09/01/2021	17:09:12	78791.53	394751.86	39.88	Soil	12,300	0.78
09/01/2021	17:09:13	78791.35	394751.74	39.88	Soil	10,860	-0.21
09/01/2021	17:09:14	78791.39	394751.56	39.88	Soil	11,880	0.49
09/01/2021	17:09:15	78791.32	394751.39	39.88	Soil	12,120	0.66
09/01/2021	17:09:16	78791.29	394751.12	39.86	Soil	12,240	0.74
09/01/2021	17:09:17	78791.28	394750.90	39.88	Soil	13,920	1.90
09/01/2021	17:09:18	78791.42	394750.79	39.89	Soil	10,980	-0.13
09/01/2021	17:09:19	78791.58	394750.69	39.96	Soil	10,020	-0.79
09/01/2021	17:09:20	78791.59	394750.52	39.94	Soil	11,880	0.49
09/01/2021	17:09:21	78791.64	394750.61	39.98	Soil	11,520	0.24
09/01/2021	17:09:22	78791.88	394750.69	40.03	Soil	11,340	0.12
09/01/2021	17:09:23	78791.94	394750.73	40.00	Soil	10,560	-0.42
09/01/2021	17:09:24	78791.79	394750.80	40.03	Soil	11,400	0.16
09/01/2021	17:09:25	78791.98	394750.93	39.97	Soil	11,520	0.24
09/01/2021	17:09:26	78791.81	394751.14	39.98	Soil	9,840	-0.92
09/01/2021	17:09:27	78791.94	394751.24	39.94	Soil	10,620	-0.38
09/01/2021	17:09:28	78791.88	394751.40	39.96	Soil	12,060	0.62
09/01/2021	17:09:29	78791.99	394751.51	39.94	Soil	9,540	-1.13
09/01/2021	17:09:30	78791.91	394751.76	39.94	Soil	11,040	-0.09
09/01/2021	17:09:31	78792.05	394751.86	39.96	Soil	10,740	-0.30
09/01/2021	17:09:32	78792.09	394752.08	39.95	Soil	9,720	-1.00
09/01/2021	17:09:33	78792.05	394752.20	40.01	Soil	10,560	-0.42
09/01/2021	17:09:34	78792.21	394752.30	39.94	Soil	9,600	-1.08
09/01/2021	17:09:35	78792.06	394752.52	39.95	Soil	12,540	0.95
09/01/2021	17:09:36	78792.13	394752.62	39.99	Soil	10,500	-0.46
09/01/2021	17:09:37	78792.28	394752.68	39.93	Soil	10,860	-0.21
09/01/2021	17:09:38	78792.15	394752.89	39.95	Soil	10,320	-0.59
09/01/2021	17:09:39	78792.35	394752.97	39.95	Soil	10,440	-0.50
09/01/2021	17:09:40	78792.28	394753.16	39.94	Soil	11,940	0.53
09/01/2021	17:09:41	78792.31	394753.23	39.99	Soil	11,940	0.53
09/01/2021	17:09:42	78792.48	394753.34	39.95	Soil	11,460	0.20

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09/01/2021	17:09:43	78792.30	394753.57	39.95	Soil	10,620	-0.38
09/01/2021	17:09:44	78792.42	394753.68	39.96	Soil	10,920	-0.17
09/01/2021	17:09:45	78792.34	394753.89	39.96	Soil	9,600	-1.08
09/01/2021	17:09:46	78792.38	394754.03	39.93	Soil	10,320	-0.59
09/01/2021	17:09:47	78792.31	394754.15	39.93	Soil	11,520	0.24
09/01/2021	17:09:48	78792.26	394754.24	39.98	Soil	9,900	-0.88
09/01/2021	17:09:49	78792.31	394754.38	39.96	Soil	10,920	-0.17
09/01/2021	17:09:50	78792.19	394754.53	39.98	Soil	10,860	-0.21
09/01/2021	17:09:51	78792.28	394754.61	39.97	Soil	9,720	-1.00
09/01/2021	17:09:52	78792.10	394754.82	39.99	Soil	9,600	-1.08
09/01/2021	17:09:53	78792.21	394754.95	39.98	Soil	11,220	0.04
09/01/2021	17:09:54	78792.11	394755.11	39.98	Soil	9,720	-1.00
09/01/2021	17:09:55	78792.12	394755.27	39.99	Soil	10,920	-0.17
09/01/2021	17:09:56	78792.15	394755.37	39.98	Soil	11,520	0.24
09/01/2021	17:09:57	78792.06	394755.56	39.98	Soil	10,200	-0.67
09/01/2021	17:09:58	78792.14	394755.70	39.96	Soil	11,340	0.12
09/01/2021	17:09:59	78791.95	394755.85	39.97	Soil	9,060	-1.46
09/01/2021	17:10:00	78792.07	394756.06	39.91	Soil	11,100	-0.05
09/01/2021	17:10:01	78791.87	394756.28	39.91	Soil	9,900	-0.88
09/01/2021	17:10:02	78791.92	394756.40	39.95	Soil	10,800	-0.25
09/01/2021	17:10:03	78791.95	394756.56	39.93	Soil	10,560	-0.42
09/01/2021	17:10:04	78791.90	394756.73	39.98	Soil	9,300	-1.29
09/01/2021	17:10:05	78792.03	394756.86	39.95	Soil	11,100	-0.05
09/01/2021	17:10:06	78791.99	394757.06	39.99	Soil	10,320	-0.59
09/01/2021	17:10:07	78792.13	394757.18	39.95	Soil	12,480	0.91
09/01/2021	17:10:08	78791.99	394757.37	39.98	Soil	11,160	-0.01
09/01/2021	17:10:09	78792.16	394757.48	39.97	Soil	11,820	0.45
09/01/2021	17:10:10	78792.06	394757.66	39.98	Soil	11,460	0.20
09/01/2021	17:10:11	78792.14	394757.83	39.97	Soil	11,160	-0.01
09/01/2021	17:10:12	78792.10	394757.97	39.93	Soil	10,920	-0.17
09/01/2021	17:10:13	78792.16	394758.26	39.81	Soil	11,580	0.28
09/01/2021	17:10:14	78792.00	394758.48	39.78	Soil	11,760	0.41
09/01/2021	17:10:15	78791.85	394758.61	39.74	Soil	11,160	-0.01
09/01/2021	17:10:16	78791.66	394758.67	39.72	Soil	11,280	0.08
09/01/2021	17:10:17	78791.76	394758.71	39.69	Soil	8,940	-1.54
09/01/2021	17:10:18	78791.82	394758.87	39.51	Soil	12,300	0.78
09/01/2021	17:10:19	78791.57	394759.00	39.50	Soil	11,460	0.20
09/01/2021	17:10:20	78791.70	394759.18	39.51	Soil	10,800	-0.25
09/01/2021	17:10:21	78791.94	394759.31	39.44	Soil	10,380	-0.54
09/01/2021	17:10:22	78792.01	394759.72	39.47	Soil	9,840	-0.92
09/01/2021	17:10:23	78792.09	394759.64	39.47	Soil	9,720	-1.00
09/01/2021	17:10:24	78792.06	394759.68	39.43	Soil	11,280	0.08
09/01/2021	17:10:25	78792.05	394759.84	39.54	Soil	11,580	0.28
09/01/2021	17:10:26	78792.38	394759.84	39.57	Soil	10,620	-0.38
09/01/2021	17:10:27	78792.39	394759.83	39.57	Soil	10,320	-0.59
09/01/2021	17:10:28	78792.42	394759.82	39.52	Soil	9,960	-0.84
09/01/2021	17:10:29	78792.54	394759.88	39.71	Soil	10,800	-0.25
09/01/2021	17:10:30	78792.82	394760.18	39.78	Soil	10,380	-0.54
09/01/2021	17:10:31	78793.04	394760.14	39.74	Soil	11,400	0.16
09/01/2021	17:10:32	78792.97	394760.33	39.75	Soil	10,200	-0.67
09/01/2021	17:10:33	78793.18	394760.38	39.68	Soil	10,080	-0.75

SU 7C GWS RESULTS

09/01/2021	17:10:34	78793.10	394760.65	39.69	Soil	10,380	-0.54
09/01/2021	17:14:27	78793.00	394762.48	38.85	Soil	10,800	-0.25
09/01/2021	17:14:29	78792.83	394762.32	38.93	Soil	9,240	-1.33
09/01/2021	17:14:30	78792.78	394762.15	38.95	Soil	10,500	-0.46
09/01/2021	17:14:31	78792.72	394761.94	39.03	Soil	10,020	-0.79
09/01/2021	17:14:32	78792.68	394761.83	39.05	Soil	11,460	0.20
09/01/2021	17:14:33	78792.76	394761.65	39.10	Soil	11,100	-0.05
09/01/2021	17:14:34	78792.67	394761.48	39.17	Soil	8,520	-1.83
09/01/2021	17:14:35	78792.76	394761.37	39.18	Soil	10,680	-0.34
09/01/2021	17:14:36	78792.66	394761.20	39.37	Soil	11,100	-0.05
09/01/2021	17:14:37	78792.75	394761.00	39.37	Soil	9,840	-0.92
09/01/2021	17:14:38	78792.58	394760.87	39.34	Soil	10,140	-0.71
09/01/2021	17:14:39	78792.61	394760.59	39.42	Soil	11,580	0.28
09/01/2021	17:14:40	78792.42	394760.44	39.47	Soil	10,140	-0.71
09/01/2021	17:14:41	78792.50	394760.30	39.52	Soil	11,340	0.12
09/01/2021	17:14:42	78792.30	394760.24	39.48	Soil	11,640	0.33
09/01/2021	17:14:43	78792.01	394759.91	39.43	Soil	12,600	0.99
09/01/2021	17:14:44	78791.81	394759.93	39.43	Soil	9,060	-1.46
09/01/2021	17:14:45	78791.89	394760.15	39.42	Soil	11,940	0.53
09/01/2021	17:14:46	78791.73	394760.37	39.38	Soil	10,680	-0.34
09/01/2021	17:14:47	78791.94	394760.49	39.36	Soil	10,860	-0.21
09/01/2021	17:14:48	78791.81	394760.75	39.30	Soil	9,780	-0.96
09/01/2021	17:14:49	78792.00	394760.79	39.22	Soil	10,380	-0.54
09/01/2021	17:14:50	78792.07	394760.99	39.22	Soil	10,080	-0.75
09/01/2021	17:14:51	78792.04	394761.11	39.17	Soil	11,940	0.53
09/01/2021	17:14:52	78792.16	394761.21	39.15	Soil	10,020	-0.79
09/01/2021	17:14:53	78792.03	394761.46	39.12	Soil	11,100	-0.05
09/01/2021	17:14:54	78792.28	394761.49	39.09	Soil	12,660	1.03
09/01/2021	17:14:55	78792.21	394761.59	39.03	Soil	12,360	0.82
09/01/2021	17:14:56	78792.32	394761.72	39.02	Soil	11,520	0.24
09/01/2021	17:14:57	78792.37	394761.81	38.93	Soil	10,740	-0.30
09/01/2021	17:14:58	78792.35	394762.08	38.86	Soil	9,120	-1.42
09/01/2021	17:15:00	78792.45	394762.19	38.84	Soil	10,860	-0.21
09/01/2021	17:15:00	78792.33	394762.48	38.73	Soil	11,040	-0.09
09/01/2021	17:15:01	78792.55	394762.62	38.75	Soil	9,180	-1.37
09/01/2021	17:15:02	78792.45	394762.80	38.70	Soil	8,940	-1.54
09/01/2021	17:15:03	78792.62	394762.91	38.72	Soil	10,440	-0.50
09/01/2021	17:15:04	78792.73	394762.99	38.69	Soil	9,780	-0.96
09/01/2021	17:15:05	78792.72	394763.12	38.65	Soil	9,000	-1.50
09/01/2021	17:15:06	78792.69	394763.40	38.62	Soil	9,000	-1.50
09/01/2021	17:15:08	78792.79	394763.52	38.60	Soil	10,800	-0.25
09/01/2021	17:15:08	78792.92	394763.55	38.64	Soil	10,740	-0.30
09/01/2021	17:15:09	78792.89	394763.82	38.60	Soil	8,880	-1.58
09/01/2021	17:15:30	78793.28	394766.58	38.30	Soil	8,580	-1.79
09/01/2021	17:15:31	78793.30	394766.68	38.30	Soil	8,520	-1.83
09/01/2021	17:16:43	78792.68	394765.83	37.67	Soil	9,120	-1.42
09/01/2021	17:16:44	78792.63	394765.98	37.69	Soil	10,560	-0.42
09/01/2021	17:16:46	78792.68	394765.61	37.78	Soil	10,320	-0.59
09/01/2021	17:16:47	78792.75	394765.58	37.79	Soil	11,160	-0.01
09/01/2021	17:16:51	78792.75	394764.84	37.91	Soil	11,160	-0.01
09/01/2021	17:16:52	78792.64	394764.77	37.89	Soil	11,520	0.24

SU 7C GWS RESULTS

09/01/2021	17:16:53	78792.75	394764.51	38.00	Soil	11,040	-0.09
09/01/2021	17:16:54	78792.55	394764.39	38.01	Soil	8,940	-1.54
09/01/2021	17:16:55	78792.68	394764.22	38.05	Soil	9,180	-1.37
09/01/2021	17:16:56	78792.49	394764.09	38.05	Soil	9,240	-1.33
09/01/2021	17:16:57	78792.34	394763.92	38.05	Soil	11,700	0.37
09/01/2021	17:16:58	78792.38	394763.75	38.09	Soil	10,260	-0.63
09/01/2021	17:16:59	78792.26	394763.60	38.14	Soil	10,080	-0.75
09/01/2021	17:17:00	78792.33	394763.45	38.19	Soil	11,460	0.20
09/01/2021	17:17:01	78792.11	394763.26	38.25	Soil	9,660	-1.04
09/01/2021	17:17:02	78792.18	394763.17	38.27	Soil	9,180	-1.37
09/01/2021	17:17:03	78792.05	394762.99	38.34	Soil	10,860	-0.21
09/01/2021	17:17:04	78791.94	394762.89	38.38	Soil	10,920	-0.17
09/01/2021	17:17:42	78791.48	394761.54	38.13	Soil	12,660	1.03
09/01/2021	17:17:43	78791.60	394761.66	38.35	Soil	12,360	0.82
09/01/2021	17:17:44	78791.75	394761.87	38.53	Soil	11,760	0.41
09/01/2021	17:17:45	78791.66	394761.79	38.63	Soil	10,500	-0.46
09/01/2021	17:17:46	78791.60	394761.60	38.69	Soil	12,180	0.70
09/01/2021	17:17:47	78791.52	394761.41	38.81	Soil	9,900	-0.88
09/01/2021	17:17:48	78791.38	394761.25	38.87	Soil	10,200	-0.67
09/01/2021	17:17:49	78791.48	394761.07	38.89	Soil	9,420	-1.21
09/01/2021	17:17:50	78791.27	394760.90	38.95	Soil	11,400	0.16
09/01/2021	17:17:51	78791.37	394760.76	38.97	Soil	11,460	0.20
09/01/2021	17:17:52	78791.25	394760.59	39.00	Soil	11,040	-0.09
09/01/2021	17:17:53	78791.26	394760.49	39.02	Soil	10,800	-0.25
09/01/2021	17:17:54	78791.38	394760.34	39.07	Soil	9,840	-0.92
09/01/2021	17:17:55	78791.22	394760.17	39.10	Soil	10,920	-0.17
09/01/2021	17:17:56	78791.37	394760.05	39.13	Soil	10,800	-0.25
09/01/2021	17:17:57	78791.29	394759.78	39.14	Soil	11,400	0.16
09/01/2021	17:17:58	78791.49	394759.55	39.24	Soil	11,160	-0.01
09/01/2021	17:17:59	78791.30	394759.30	39.30	Soil	9,960	-0.84
09/01/2021	17:18:00	78791.37	394759.17	39.33	Soil	11,220	0.04
09/01/2021	17:18:01	78791.24	394759.03	39.36	Soil	10,800	-0.25
09/01/2021	17:18:38	78792.53	394758.42	39.44	Soil	12,360	0.82
09/01/2021	17:18:39	78792.41	394758.43	39.54	Soil	11,160	-0.01
09/01/2021	17:18:40	78792.39	394758.36	39.67	Soil	13,920	1.90
09/01/2021	17:18:41	78792.64	394758.33	39.86	Soil	11,820	0.45
09/01/2021	17:18:42	78792.75	394758.54	39.93	Soil	9,720	-1.00
09/01/2021	17:18:43	78793.23	394758.54	40.26	Soil	10,320	-0.59
09/01/2021	17:19:32	78793.18	394758.48	40.36	Soil	11,520	0.24
09/01/2021	17:19:33	78793.16	394758.52	40.37	Soil	9,240	-1.33
09/01/2021	17:19:41	78793.24	394759.65	40.07	Soil	10,680	-0.34
09/01/2021	17:24:21	78788.57	394770.58	40.85	Soil	7,140	-2.79
09/01/2021	17:24:22	78788.67	394770.29	40.71	Soil	8,280	-2.00
09/01/2021	17:24:23	78788.69	394770.08	40.71	Soil	7,380	-2.62

SU 7D GWS RESULTS
(SOIL)

GPS Date	GPS Time	Northing	Easting	Altitude	Matrix	Gamma (cpm)	Z-Score
08/06/2021	12:10:46	78773.11	394742.35	39.15	Soil	10,740	-0.54
08/06/2021	12:10:47	78772.99	394742.10	39.14	Soil	11,820	0.22
08/06/2021	12:15:30	78772.32	394740.41	38.92	Soil	11,220	-0.20
08/06/2021	12:15:31	78772.34	394739.77	39.01	Soil	10,980	-0.37
08/06/2021	12:15:32	78772.49	394740.25	39.00	Soil	12,720	0.86
08/06/2021	12:15:34	78772.31	394739.88	39.02	Soil	11,100	-0.29
08/06/2021	12:15:35	78772.38	394740.27	39.16	Soil	10,800	-0.50
08/06/2021	12:15:36	78772.28	394740.48	39.12	Soil	10,260	-0.88
08/06/2021	12:15:37	78772.33	394740.35	39.17	Soil	12,960	1.03
08/06/2021	12:15:38	78772.37	394740.16	39.34	Soil	11,280	-0.16
08/06/2021	12:15:39	78772.34	394740.45	39.44	Soil	11,700	0.14
08/06/2021	12:15:40	78772.17	394740.36	39.49	Soil	10,740	-0.54
08/06/2021	12:15:41	78772.10	394740.14	39.63	Soil	11,520	0.01
08/06/2021	12:15:42	78772.16	394740.39	39.80	Soil	11,100	-0.29
08/06/2021	12:15:43	78772.28	394740.46	39.99	Soil	12,120	0.44
08/06/2021	12:15:44	78772.42	394740.25	40.15	Soil	9,780	-1.22
08/06/2021	12:15:45	78772.38	394740.20	40.14	Soil	12,240	0.52
08/06/2021	12:15:46	78772.15	394740.20	40.17	Soil	9,840	-1.18
08/06/2021	12:15:47	78772.20	394740.26	40.16	Soil	12,840	0.95
08/06/2021	12:15:48	78772.41	394740.11	40.19	Soil	10,860	-0.46
08/06/2021	12:15:49	78772.35	394739.69	40.21	Soil	11,100	-0.29
08/06/2021	12:15:50	78772.38	394739.57	40.21	Soil	10,920	-0.42
08/06/2021	12:15:51	78772.27	394739.65	40.22	Soil	10,980	-0.37
08/06/2021	12:15:52	78772.04	394739.46	40.25	Soil	11,040	-0.33
08/06/2021	12:15:53	78772.21	394739.55	39.84	Soil	9,900	-1.14
08/06/2021	12:15:55	78772.41	394739.91	39.53	Soil	10,320	-0.84
08/06/2021	12:15:56	78772.44	394739.98	39.52	Soil	12,120	0.44
08/06/2021	12:15:59	78772.32	394739.40	39.56	Soil	12,240	0.52
08/06/2021	12:16:00	78772.28	394739.85	39.53	Soil	11,880	0.27
08/06/2021	12:16:01	78772.18	394739.90	39.53	Soil	11,460	-0.03
08/06/2021	12:16:02	78772.14	394739.38	39.53	Soil	11,280	-0.16
08/06/2021	12:16:03	78772.32	394739.41	39.35	Soil	11,580	0.05
08/06/2021	12:21:44	78772.21	394738.45	38.78	Soil	10,500	-0.71
08/06/2021	12:21:45	78772.14	394738.03	38.87	Soil	13,020	1.07
08/06/2021	12:21:46	78771.97	394738.29	38.97	Soil	11,400	-0.08
08/06/2021	12:21:47	78772.03	394738.68	39.12	Soil	12,060	0.39
08/06/2021	12:21:48	78772.10	394738.88	39.17	Soil	11,460	-0.03
08/06/2021	12:21:49	78771.93	394738.71	39.17	Soil	11,040	-0.33
08/06/2021	12:21:50	78771.91	394738.72	39.12	Soil	9,900	-1.14
08/06/2021	12:21:51	78771.86	394738.95	39.23	Soil	10,380	-0.80
08/06/2021	12:21:52	78771.62	394738.84	39.31	Soil	12,240	0.52
08/06/2021	14:05:11	78780.03	394731.79	34.45	Soil	10,860	-0.46
08/06/2021	14:05:18	78779.85	394731.63	34.66	Soil	9,180	-1.64
08/06/2021	14:05:22	78780.14	394731.58	34.77	Soil	10,560	-0.67
08/06/2021	14:05:26	78779.98	394731.80	34.76	Soil	10,680	-0.58
08/06/2021	14:05:30	78779.68	394731.25	34.95	Soil	10,920	-0.41
08/06/2021	14:05:34	78779.59	394731.22	35.06	Soil	9,360	-1.51
08/06/2021	14:05:38	78779.63	394731.50	35.19	Soil	10,980	-0.37
08/06/2021	14:05:42	78779.28	394731.37	35.23	Soil	11,580	0.05
08/06/2021	14:05:45	78779.24	394731.33	35.27	Soil	10,020	-1.05

SU 7D GWS RESULTS
(SOIL)

08/06/2021	14:05:46	78779.15	394731.19	35.28	Soil	10,800	-0.50
08/06/2021	14:05:50	78779.20	394731.30	35.34	Soil	9,900	-1.13
08/06/2021	14:05:56	78779.14	394731.26	35.44	Soil	11,580	0.05
08/06/2021	15:30:27	78770.73	394736.66	40.46	Soil	10,380	-0.80
08/06/2021	15:30:28	78770.87	394736.59	40.48	Soil	12,780	0.90
08/06/2021	15:30:29	78770.77	394736.46	40.50	Soil	11,940	0.31
08/06/2021	15:30:30	78770.60	394736.59	40.50	Soil	12,420	0.65
08/06/2021	15:30:31	78770.59	394736.52	40.53	Soil	10,080	-1.01
08/06/2021	15:30:32	78770.62	394736.52	40.58	Soil	10,800	-0.50
08/06/2021	15:30:33	78770.64	394736.53	40.58	Soil	11,280	-0.16
08/06/2021	15:30:34	78770.78	394736.37	40.53	Soil	12,180	0.48
08/06/2021	15:30:35	78770.88	394736.42	40.51	Soil	10,380	-0.80
08/06/2021	15:30:36	78770.69	394736.46	40.51	Soil	10,740	-0.54
08/06/2021	15:30:37	78770.71	394736.51	40.52	Soil	11,340	-0.12
08/06/2021	15:30:37	78770.71	394736.50	40.43	Soil	9,480	-1.44
08/06/2021	15:30:39	78770.77	394736.47	40.42	Soil	10,500	-0.71
08/06/2021	15:30:40	78770.79	394736.43	40.42	Soil	10,740	-0.54
08/06/2021	15:30:40	78770.84	394736.42	40.37	Soil	12,900	0.99
08/06/2021	15:30:42	78770.84	394736.41	40.34	Soil	13,020	1.07
08/06/2021	15:30:43	78770.84	394736.40	40.35	Soil	13,080	1.12
08/06/2021	15:30:43	78770.84	394736.42	40.37	Soil	12,900	0.99
08/06/2021	15:30:45	78770.75	394736.45	40.50	Soil	10,920	-0.42
08/06/2021	15:30:46	78770.68	394736.55	40.50	Soil	12,420	0.65
08/06/2021	15:30:47	78770.72	394736.78	40.55	Soil	12,060	0.39
08/06/2021	15:30:48	78770.67	394736.92	40.68	Soil	12,660	0.82
08/06/2021	15:30:49	78770.68	394736.66	40.71	Soil	12,180	0.48
08/06/2021	15:30:50	78770.91	394736.61	40.70	Soil	9,720	-1.27
08/06/2021	15:30:51	78770.82	394737.16	40.70	Soil	13,260	1.24
08/06/2021	15:30:52	78770.77	394736.72	40.59	Soil	11,700	0.14
08/06/2021	15:30:53	78770.77	394736.89	40.55	Soil	11,880	0.27
08/06/2021	15:30:54	78770.76	394737.09	40.55	Soil	11,520	0.01
08/06/2021	15:30:55	78770.79	394736.73	40.49	Soil	10,740	-0.54
08/06/2021	15:30:56	78770.96	394737.02	40.49	Soil	11,880	0.27
08/06/2021	15:30:57	78771.02	394737.06	40.49	Soil	10,560	-0.67
08/06/2021	15:30:58	78770.91	394736.73	40.44	Soil	10,020	-1.05
08/06/2021	15:30:59	78770.83	394736.87	40.44	Soil	11,520	0.01
08/06/2021	15:31:00	78770.89	394736.77	40.44	Soil	12,300	0.56
08/06/2021	15:31:01	78770.93	394736.77	40.46	Soil	12,060	0.39
08/06/2021	15:31:02	78771.12	394736.88	40.51	Soil	10,200	-0.93
08/06/2021	15:31:03	78771.24	394736.76	40.51	Soil	11,460	-0.03
08/06/2021	15:31:04	78771.10	394736.74	40.48	Soil	11,280	-0.16
08/06/2021	15:31:05	78771.13	394736.75	40.48	Soil	10,200	-0.93
08/06/2021	15:31:06	78771.23	394736.68	40.53	Soil	12,180	0.48
08/06/2021	15:31:07	78771.15	394736.72	40.54	Soil	10,920	-0.42
08/06/2021	15:31:07	78771.26	394736.75	40.55	Soil	12,180	0.48
08/06/2021	15:31:09	78771.16	394736.73	40.55	Soil	11,340	-0.12
08/06/2021	15:31:10	78771.02	394736.69	40.41	Soil	12,060	0.39
08/06/2021	15:31:11	78771.14	394736.50	40.40	Soil	12,240	0.52
08/06/2021	15:31:12	78771.29	394736.60	40.40	Soil	12,000	0.35
08/06/2021	15:31:12	78771.34	394737.04	40.43	Soil	11,700	0.14
08/06/2021	15:31:14	78771.19	394736.64	40.49	Soil	11,700	0.14

SU 7D GWS RESULTS
(SOIL)

08/06/2021	15:31:15	78771.17	394736.83	40.49	Soil	11,760	0.18
08/06/2021	15:31:16	78771.38	394737.02	40.48	Soil	10,560	-0.67
08/06/2021	15:31:17	78771.39	394736.46	40.35	Soil	10,800	-0.50
08/06/2021	15:31:18	78771.53	394736.29	40.35	Soil	12,240	0.52
08/06/2021	15:31:19	78771.20	394736.68	40.44	Soil	11,040	-0.33
08/06/2021	15:31:20	78771.52	394736.70	40.48	Soil	11,820	0.22
08/06/2021	15:31:21	78771.58	394736.67	40.48	Soil	12,240	0.52
08/06/2021	15:31:22	78771.49	394736.50	40.45	Soil	12,540	0.73
08/06/2021	15:31:23	78771.60	394736.57	40.44	Soil	10,140	-0.97
08/06/2021	15:31:24	78771.55	394736.57	40.44	Soil	12,540	0.73
08/06/2021	15:31:25	78771.42	394736.50	40.47	Soil	13,560	1.46
08/06/2021	15:31:26	78771.41	394736.53	40.51	Soil	12,060	0.39
08/06/2021	15:31:27	78771.48	394736.54	40.56	Soil	11,880	0.27
08/06/2021	15:31:28	78771.48	394736.56	40.49	Soil	11,160	-0.25
08/06/2021	15:31:29	78771.41	394736.55	40.34	Soil	12,300	0.56
08/06/2021	15:31:30	78771.45	394736.35	40.18	Soil	11,100	-0.29
08/06/2021	15:31:31	78771.55	394736.15	40.05	Soil	11,580	0.05
08/06/2021	15:31:32	78771.63	394736.48	40.05	Soil	11,880	0.27
08/06/2021	15:31:33	78771.60	394736.61	40.00	Soil	12,540	0.73
08/06/2021	15:31:34	78771.65	394736.25	39.91	Soil	12,540	0.73
08/06/2021	15:31:35	78771.59	394736.45	39.91	Soil	11,460	-0.03
08/06/2021	15:31:36	78771.88	394736.91	39.90	Soil	12,840	0.95
08/06/2021	15:31:37	78771.96	394736.84	39.93	Soil	13,140	1.16
08/06/2021	15:31:38	78771.97	394736.37	39.83	Soil	11,400	-0.08
08/06/2021	15:31:39	78771.65	394736.60	39.83	Soil	11,520	0.01
08/06/2021	15:31:40	78771.71	394736.79	39.87	Soil	12,240	0.52
08/06/2021	15:31:43	78771.93	394736.61	39.81	Soil	13,380	1.33
08/06/2021	15:31:44	78771.77	394736.34	39.78	Soil	13,680	1.54
08/06/2021	15:31:45	78771.72	394736.04	39.78	Soil	12,540	0.73
08/06/2021	15:31:46	78771.93	394736.65	39.74	Soil	11,520	0.01
08/06/2021	15:31:47	78772.08	394736.63	39.74	Soil	11,880	0.27
08/06/2021	15:31:49	78772.07	394736.56	39.66	Soil	12,000	0.35
08/06/2021	15:31:50	78771.88	394736.86	39.65	Soil	11,880	0.27
08/06/2021	15:31:53	78772.15	394736.96	39.61	Soil	14,280	1.97
08/06/2021	15:32:00	78772.11	394736.79	39.43	Soil	11,700	0.14
08/06/2021	15:32:02	78772.16	394736.98	39.49	Soil	12,360	0.61
08/06/2021	15:38:28	78772.21	394737.39	38.67	Soil	12,600	0.78
08/06/2021	15:38:29	78772.06	394737.74	38.73	Soil	12,240	0.52
08/06/2021	15:38:34	78772.13	394737.02	38.80	Soil	11,820	0.22
08/06/2021	15:38:35	78771.98	394737.50	38.89	Soil	11,640	0.10
08/06/2021	15:38:36	78772.10	394737.66	38.85	Soil	12,240	0.52
08/06/2021	15:38:37	78772.13	394737.13	38.82	Soil	11,400	-0.08
08/06/2021	15:38:38	78771.96	394737.36	38.91	Soil	12,120	0.44
08/06/2021	15:38:39	78771.96	394737.64	38.89	Soil	12,960	1.03
08/06/2021	15:38:40	78772.08	394737.17	38.90	Soil	11,520	0.01
08/06/2021	15:38:41	78772.08	394737.12	38.92	Soil	12,720	0.86
08/06/2021	15:38:42	78772.02	394737.57	38.95	Soil	13,560	1.46
08/06/2021	15:38:43	78772.00	394737.28	38.96	Soil	10,980	-0.37
08/06/2021	15:38:44	78771.96	394737.14	38.89	Soil	10,920	-0.42
08/06/2021	15:38:45	78771.80	394737.61	39.03	Soil	11,280	-0.16
08/06/2021	15:38:46	78771.76	394737.36	38.96	Soil	11,940	0.31

SU 7D GWS RESULTS
(SOIL)

08/06/2021	15:38:47	78772.10	394737.11	38.84	Soil	11,940	0.31
08/06/2021	15:38:48	78771.76	394737.67	38.91	Soil	12,660	0.82
08/06/2021	15:38:49	78771.70	394737.96	38.89	Soil	11,040	-0.33
08/06/2021	15:38:50	78772.01	394737.41	38.79	Soil	12,180	0.48
08/06/2021	15:38:51	78772.05	394737.15	38.86	Soil	12,480	0.69
08/06/2021	15:38:52	78771.89	394737.77	38.81	Soil	10,440	-0.76
08/06/2021	15:38:53	78771.90	394737.66	38.77	Soil	12,060	0.39
08/06/2021	15:38:54	78771.73	394737.39	38.82	Soil	12,720	0.86
08/06/2021	15:38:55	78771.69	394737.46	38.79	Soil	12,780	0.90
08/06/2021	15:38:56	78771.68	394737.41	38.85	Soil	11,940	0.31
08/06/2021	15:38:57	78771.81	394737.61	38.82	Soil	10,620	-0.63
08/06/2021	15:38:58	78771.84	394737.56	38.87	Soil	10,860	-0.46
08/06/2021	15:38:59	78771.80	394737.43	38.84	Soil	11,400	-0.08
08/06/2021	15:39:00	78771.81	394737.45	38.84	Soil	11,820	0.22
08/06/2021	15:39:01	78771.83	394737.47	38.81	Soil	11,580	0.05
08/06/2021	15:39:02	78771.81	394737.39	38.78	Soil	11,580	0.05
08/06/2021	15:39:03	78771.73	394737.32	38.82	Soil	13,080	1.12
08/06/2021	15:39:04	78771.76	394737.30	38.80	Soil	10,920	-0.42
08/06/2021	15:39:05	78771.78	394737.28	38.80	Soil	12,060	0.39
08/06/2021	15:39:06	78771.73	394737.26	38.82	Soil	11,400	-0.08
08/06/2021	15:39:48	78771.75	394737.13	38.85	Soil	12,540	0.73
08/06/2021	15:39:49	78771.64	394737.20	38.88	Soil	12,420	0.65
08/06/2021	15:39:50	78771.49	394737.70	38.95	Soil	12,900	0.99
08/06/2021	15:39:51	78771.82	394737.41	38.88	Soil	11,100	-0.29
08/06/2021	15:39:52	78771.83	394737.22	38.68	Soil	11,100	-0.29
08/06/2021	15:39:53	78771.68	394737.59	38.84	Soil	12,660	0.82
08/06/2021	15:39:54	78771.70	394737.69	38.83	Soil	10,740	-0.54
08/06/2021	15:39:55	78771.86	394737.23	38.76	Soil	11,400	-0.08
08/06/2021	15:39:56	78771.64	394737.22	38.85	Soil	13,200	1.20
08/06/2021	15:39:57	78771.63	394737.47	38.85	Soil	11,880	0.27
08/06/2021	15:39:58	78771.68	394737.04	38.83	Soil	11,700	0.14
08/06/2021	15:39:59	78771.67	394737.11	38.89	Soil	11,160	-0.25
08/06/2021	15:40:00	78771.63	394737.43	38.88	Soil	12,960	1.03
08/06/2021	15:40:01	78771.70	394737.06	38.83	Soil	11,520	0.01
08/06/2021	15:40:02	78771.56	394737.04	38.78	Soil	13,200	1.20
08/06/2021	15:40:03	78771.55	394737.60	38.97	Soil	11,460	-0.03
08/06/2021	15:40:04	78771.47	394737.51	38.97	Soil	12,540	0.73
08/06/2021	15:40:05	78771.65	394737.04	39.00	Soil	11,760	0.18
08/06/2021	15:40:06	78771.55	394737.50	39.04	Soil	11,340	-0.12
08/06/2021	15:40:07	78771.43	394737.52	39.05	Soil	11,520	0.01
08/06/2021	15:40:08	78771.38	394737.33	39.07	Soil	12,120	0.44
08/06/2021	15:40:09	78771.55	394737.53	39.01	Soil	12,180	0.48
08/06/2021	15:40:10	78771.67	394737.51	39.00	Soil	11,400	-0.08
08/06/2021	15:40:11	78771.58	394737.25	39.00	Soil	12,360	0.61
08/06/2021	15:40:12	78771.58	394737.37	39.02	Soil	11,580	0.05
08/06/2021	15:40:13	78771.53	394737.65	39.01	Soil	10,500	-0.71
08/06/2021	15:40:14	78771.55	394737.56	39.15	Soil	11,940	0.31
08/06/2021	15:40:15	78771.56	394737.51	39.17	Soil	11,280	-0.16
08/06/2021	15:40:16	78771.45	394737.41	39.12	Soil	13,080	1.12
08/06/2021	15:40:17	78771.34	394737.21	39.01	Soil	12,840	0.95
08/06/2021	15:40:18	78771.31	394737.30	38.98	Soil	11,220	-0.20

SU 7D GWS RESULTS
(SOIL)

08/06/2021	15:40:19	78771.33	394737.49	38.99	Soil	11,460	-0.03
08/06/2021	15:40:20	78771.26	394737.40	39.01	Soil	12,600	0.78
08/06/2021	15:40:21	78771.16	394737.14	39.01	Soil	12,120	0.44
08/06/2021	15:40:22	78771.08	394737.22	39.05	Soil	12,300	0.56
08/06/2021	15:40:23	78771.02	394737.61	39.17	Soil	11,280	-0.16
08/06/2021	15:40:24	78771.03	394737.27	39.13	Soil	11,040	-0.33
08/06/2021	15:40:25	78771.16	394736.99	39.06	Soil	10,500	-0.71
08/06/2021	15:40:26	78771.17	394737.34	39.12	Soil	12,780	0.90
08/06/2021	15:40:27	78771.18	394737.65	39.22	Soil	10,500	-0.71
08/06/2021	15:40:28	78771.04	394738.06	39.25	Soil	11,280	-0.16
08/06/2021	15:40:29	78771.09	394737.88	39.10	Soil	13,200	1.20
08/06/2021	15:40:30	78771.19	394737.32	39.04	Soil	10,980	-0.37
08/06/2021	15:40:31	78771.14	394737.33	39.13	Soil	12,480	0.69
08/06/2021	15:40:32	78770.83	394737.69	39.22	Soil	13,440	1.37
08/06/2021	15:40:33	78770.68	394737.57	39.25	Soil	11,940	0.31
08/06/2021	15:40:34	78770.74	394737.12	39.25	Soil	12,480	0.69
08/06/2021	15:40:35	78770.66	394736.99	39.23	Soil	11,460	-0.03
08/06/2021	15:40:36	78770.76	394737.16	39.25	Soil	11,400	-0.08
08/06/2021	15:40:37	78770.70	394737.44	39.28	Soil	10,440	-0.76
08/06/2021	15:40:38	78770.52	394737.70	39.32	Soil	9,960	-1.10
08/06/2021	15:40:39	78770.47	394737.94	39.27	Soil	10,860	-0.46
08/06/2021	15:40:40	78770.54	394737.60	39.13	Soil	12,060	0.39
08/06/2021	15:40:41	78770.52	394737.14	39.10	Soil	11,520	0.01
08/06/2021	15:40:42	78770.54	394737.22	39.14	Soil	11,220	-0.20
08/06/2021	15:40:43	78770.50	394737.42	39.21	Soil	11,940	0.31
08/06/2021	15:40:44	78770.39	394737.46	39.33	Soil	10,620	-0.63
08/06/2021	15:40:45	78770.40	394737.06	39.22	Soil	10,920	-0.42
08/06/2021	15:40:46	78770.52	394736.92	39.19	Soil	11,520	0.01
08/06/2021	15:40:47	78770.62	394736.86	39.26	Soil	12,480	0.69
08/06/2021	15:40:48	78770.60	394736.87	39.35	Soil	13,260	1.24
08/06/2021	15:40:49	78770.58	394736.85	39.37	Soil	12,420	0.65
08/06/2021	15:40:50	78770.52	394736.81	39.41	Soil	12,540	0.73
08/06/2021	15:40:51	78770.44	394736.83	39.41	Soil	11,880	0.27
08/06/2021	15:40:52	78770.54	394736.87	39.42	Soil	10,980	-0.37
08/06/2021	15:40:53	78770.53	394736.89	39.43	Soil	11,460	-0.03
08/06/2021	15:40:54	78770.51	394736.92	39.45	Soil	12,600	0.78
08/06/2021	15:40:55	78770.51	394736.94	39.45	Soil	10,380	-0.80
08/06/2021	15:40:56	78770.36	394737.18	39.52	Soil	9,600	-1.35
08/06/2021	15:40:57	78770.18	394737.35	39.56	Soil	9,840	-1.18
08/06/2021	15:40:58	78770.14	394737.28	39.48	Soil	10,020	-1.05
08/06/2021	15:40:59	78770.12	394736.94	39.40	Soil	11,880	0.27
08/06/2021	15:41:00	78770.16	394737.16	39.51	Soil	10,800	-0.50
08/06/2021	15:41:01	78769.92	394737.28	39.59	Soil	12,180	0.48
08/06/2021	15:41:02	78769.91	394737.10	39.76	Soil	10,080	-1.01
08/06/2021	15:41:03	78770.09	394737.02	39.87	Soil	11,100	-0.29
08/06/2021	15:41:04	78770.02	394737.32	39.90	Soil	9,960	-1.10
08/06/2021	15:41:05	78770.13	394737.22	39.86	Soil	13,140	1.16
08/06/2021	15:41:06	78770.22	394737.32	39.92	Soil	12,120	0.44
08/06/2021	15:41:07	78770.03	394737.28	40.03	Soil	11,100	-0.29
08/06/2021	15:41:08	78770.08	394737.14	40.13	Soil	11,040	-0.33
08/06/2021	15:41:09	78770.10	394737.31	40.17	Soil	10,980	-0.37

SU 7D GWS RESULTS
(SOIL)

08/06/2021	15:41:10	78770.14	394737.33	40.14	Soil	10,320	-0.84
08/06/2021	15:41:11	78770.24	394737.28	40.16	Soil	11,100	-0.29
08/06/2021	15:41:12	78770.13	394736.96	40.14	Soil	10,980	-0.37
08/06/2021	15:41:13	78770.16	394736.70	40.13	Soil	11,160	-0.25
08/06/2021	15:41:14	78770.29	394736.95	40.15	Soil	10,380	-0.80
08/06/2021	15:41:15	78770.36	394736.70	40.11	Soil	10,740	-0.54
08/06/2021	15:41:16	78770.32	394736.80	40.09	Soil	12,060	0.39
08/06/2021	15:41:17	78770.19	394736.75	40.07	Soil	10,140	-0.97
08/06/2021	15:41:18	78770.32	394736.50	40.11	Soil	11,700	0.14
08/06/2021	15:41:19	78770.27	394736.60	40.08	Soil	10,380	-0.80
08/06/2021	15:41:20	78770.27	394736.59	40.05	Soil	10,620	-0.63
08/06/2021	15:41:21	78770.39	394736.49	40.06	Soil	11,220	-0.20
08/06/2021	15:41:22	78770.36	394736.61	39.99	Soil	10,140	-0.97
08/06/2021	15:41:23	78770.32	394736.47	40.13	Soil	12,000	0.35
08/06/2021	15:41:24	78770.18	394736.51	40.00	Soil	11,400	-0.08
08/06/2021	15:41:25	78770.09	394736.53	39.96	Soil	11,700	0.14
08/06/2021	15:41:26	78770.13	394736.39	39.94	Soil	10,620	-0.63
08/06/2021	15:41:27	78770.20	394736.52	39.96	Soil	11,340	-0.12
08/06/2021	15:41:28	78770.34	394736.42	39.95	Soil	10,200	-0.93
08/06/2021	15:41:29	78770.31	394736.36	39.94	Soil	10,440	-0.76
08/06/2021	15:41:30	78770.22	394736.37	39.94	Soil	11,580	0.05
08/06/2021	15:41:31	78770.23	394736.21	39.93	Soil	10,080	-1.01
08/06/2021	15:41:32	78770.25	394736.22	39.96	Soil	10,980	-0.37
08/06/2021	15:41:33	78770.36	394736.14	39.97	Soil	12,000	0.35
08/06/2021	15:41:34	78770.34	394736.05	39.97	Soil	10,440	-0.76
08/06/2021	15:41:35	78770.26	394736.02	39.98	Soil	10,140	-0.97
08/06/2021	15:41:36	78770.31	394735.90	39.93	Soil	10,200	-0.93
08/06/2021	15:41:37	78770.34	394735.93	39.92	Soil	10,920	-0.42
08/06/2021	15:41:38	78770.42	394735.97	39.94	Soil	10,500	-0.71
08/06/2021	15:41:39	78770.42	394735.96	39.70	Soil	11,280	-0.16
08/06/2021	15:41:40	78770.37	394736.07	39.70	Soil	12,900	0.99
08/06/2021	15:41:41	78770.40	394736.02	39.66	Soil	11,460	-0.03
08/06/2021	15:41:42	78770.39	394736.04	39.68	Soil	12,600	0.78
08/06/2021	15:41:43	78770.41	394735.94	39.63	Soil	13,380	1.33
08/06/2021	15:41:44	78770.40	394735.78	39.61	Soil	11,340	-0.12
08/06/2021	15:41:45	78770.33	394735.87	39.67	Soil	9,360	-1.52
08/06/2021	15:41:46	78770.33	394735.98	39.69	Soil	11,580	0.05
08/06/2021	15:41:47	78770.34	394735.99	39.68	Soil	11,160	-0.25
08/06/2021	15:41:48	78770.36	394735.98	39.67	Soil	11,040	-0.33
08/06/2021	15:41:49	78770.36	394736.00	39.67	Soil	10,920	-0.42
08/06/2021	15:41:50	78770.35	394736.04	39.62	Soil	10,920	-0.42
08/06/2021	15:41:51	78770.55	394736.14	39.64	Soil	10,020	-1.05
08/06/2021	15:41:52	78770.78	394736.14	39.61	Soil	11,760	0.18
08/06/2021	15:41:53	78770.67	394735.93	39.57	Soil	9,960	-1.10
08/06/2021	15:41:54	78770.62	394735.92	39.45	Soil	10,920	-0.42
08/06/2021	15:41:55	78770.66	394735.85	39.28	Soil	10,920	-0.42
08/06/2021	15:41:56	78770.60	394735.98	39.30	Soil	10,560	-0.67
08/06/2021	15:41:57	78770.46	394736.19	39.29	Soil	11,340	-0.12
08/06/2021	15:41:58	78770.51	394736.14	39.12	Soil	14,100	1.84
08/06/2021	15:41:59	78770.74	394735.95	39.08	Soil	11,460	-0.03
08/06/2021	15:42:00	78770.81	394736.23	39.15	Soil	12,600	0.78

SU 7D GWS RESULTS
(SOIL)

08/06/2021	15:42:01	78770.69	394736.20	39.06	Soil	14,280	1.97
08/06/2021	15:42:02	78770.68	394735.78	39.03	Soil	12,840	0.95
08/06/2021	15:42:03	78770.86	394736.15	39.09	Soil	10,860	-0.46
08/06/2021	15:42:04	78770.81	394736.50	39.10	Soil	11,640	0.10
08/06/2021	15:42:05	78770.69	394736.42	39.18	Soil	11,100	-0.29
08/06/2021	15:42:06	78770.72	394736.66	39.16	Soil	11,580	0.05
08/06/2021	15:42:07	78770.92	394736.64	39.14	Soil	13,980	1.75
08/06/2021	15:42:08	78770.87	394736.42	39.14	Soil	14,460	2.10
08/06/2021	15:42:09	78770.85	394736.37	39.16	Soil	13,800	1.63
08/06/2021	15:42:10	78770.94	394736.40	39.18	Soil	13,140	1.16
08/06/2021	15:42:11	78770.96	394736.41	39.18	Soil	14,760	2.31
08/06/2021	15:42:12	78770.93	394736.40	39.18	Soil	15,420	2.78
08/06/2021	15:42:13	78770.90	394736.38	39.19	Soil	14,520	2.14
08/06/2021	15:42:14	78770.83	394736.35	39.21	Soil	13,740	1.58
08/06/2021	15:42:15	78770.84	394736.33	39.22	Soil	13,980	1.75
08/06/2021	15:42:16	78770.89	394736.33	39.24	Soil	14,400	2.05
08/06/2021	15:42:17	78770.89	394736.29	39.25	Soil	14,160	1.88
08/06/2021	15:42:18	78770.88	394736.18	39.22	Soil	14,880	2.39
08/06/2021	15:42:19	78770.91	394736.14	39.24	Soil	13,620	1.50
08/06/2021	15:42:20	78770.93	394736.13	39.25	Soil	13,020	1.07
08/06/2021	15:42:21	78770.94	394736.12	39.27	Soil	16,740	3.71
08/06/2021	15:42:22	78770.95	394736.13	39.31	Soil	14,340	2.01
08/06/2021	15:42:23	78770.99	394736.09	39.42	Soil	16,980	3.88
08/06/2021	15:42:24	78771.11	394735.93	39.44	Soil	10,860	-0.46
08/06/2021	15:42:25	78771.05	394736.31	39.44	Soil	10,680	-0.59
08/06/2021	15:42:26	78770.96	394736.28	39.36	Soil	12,660	0.82
08/06/2021	15:42:27	78771.04	394735.98	39.38	Soil	10,920	-0.42
08/06/2021	15:42:28	78771.14	394736.00	39.33	Soil	11,580	0.05
08/06/2021	15:42:29	78771.23	394735.84	39.36	Soil	11,760	0.18
08/06/2021	15:42:30	78771.24	394735.80	39.35	Soil	12,660	0.82
08/06/2021	15:42:31	78771.07	394736.32	39.28	Soil	12,120	0.44
08/06/2021	15:42:32	78770.99	394736.63	39.38	Soil	11,520	0.01
08/06/2021	15:42:33	78771.11	394736.57	39.26	Soil	13,440	1.37
08/06/2021	15:42:34	78771.25	394735.99	39.21	Soil	11,400	-0.08
08/06/2021	15:42:35	78771.18	394735.94	39.21	Soil	12,660	0.82
08/06/2021	15:42:36	78771.17	394736.04	39.19	Soil	11,760	0.18
08/06/2021	15:42:37	78771.13	394735.82	39.22	Soil	11,580	0.05
08/06/2021	15:42:38	78771.26	394736.08	39.23	Soil	12,360	0.61
08/06/2021	15:42:39	78771.40	394736.03	39.18	Soil	10,920	-0.42
08/06/2021	15:42:40	78771.35	394735.74	39.06	Soil	13,140	1.16
08/06/2021	15:42:41	78771.22	394736.07	39.05	Soil	11,640	0.10
08/06/2021	15:42:42	78771.15	394736.17	39.01	Soil	11,520	0.01
08/06/2021	15:42:43	78771.19	394735.93	39.02	Soil	12,480	0.69
08/06/2021	15:42:44	78771.46	394736.08	39.06	Soil	12,480	0.69
08/06/2021	15:42:45	78771.47	394736.46	39.10	Soil	11,100	-0.29
08/06/2021	15:42:46	78771.35	394736.23	38.97	Soil	11,160	-0.25
08/06/2021	15:42:47	78771.43	394736.20	38.94	Soil	12,720	0.86
08/06/2021	15:42:48	78771.61	394736.33	38.97	Soil	11,040	-0.33
08/06/2021	15:42:49	78771.44	394735.91	38.90	Soil	11,520	0.01
08/06/2021	15:42:50	78771.44	394736.12	38.98	Soil	12,300	0.56
08/06/2021	15:42:51	78771.49	394736.30	38.96	Soil	12,120	0.44

SU 7D GWS RESULTS
(SOIL)

08/06/2021	15:42:52	78771.63	394735.83	38.93	Soil	12,360	0.61
08/06/2021	15:42:53	78771.56	394736.02	38.97	Soil	12,780	0.90
08/06/2021	15:42:54	78771.49	394736.42	39.04	Soil	10,320	-0.84
08/06/2021	15:42:55	78771.52	394736.21	38.83	Soil	12,660	0.82
08/06/2021	15:42:56	78771.65	394736.05	38.75	Soil	12,120	0.44
08/06/2021	15:42:57	78771.70	394736.33	38.79	Soil	11,820	0.22
08/06/2021	15:42:58	78771.64	394736.30	38.74	Soil	11,400	-0.08
08/06/2021	15:42:59	78771.65	394735.98	38.76	Soil	10,860	-0.46
08/06/2021	15:43:00	78771.74	394735.83	38.74	Soil	12,660	0.82
08/06/2021	15:43:01	78771.82	394735.57	38.75	Soil	10,920	-0.42
08/06/2021	15:43:02	78771.68	394735.32	38.76	Soil	11,940	0.31
08/06/2021	15:43:03	78771.71	394735.61	38.80	Soil	9,900	-1.14
08/06/2021	15:43:04	78771.78	394736.07	38.86	Soil	13,560	1.46
08/06/2021	15:43:05	78771.76	394735.78	38.89	Soil	11,820	0.22
08/06/2021	15:43:06	78771.68	394735.80	39.01	Soil	11,820	0.22
08/06/2021	15:43:07	78771.69	394736.17	39.03	Soil	11,640	0.10
08/06/2021	15:43:08	78771.75	394735.93	38.98	Soil	13,380	1.33
08/06/2021	15:43:09	78771.71	394736.13	38.93	Soil	11,160	-0.25
08/06/2021	15:43:10	78771.60	394736.47	39.00	Soil	11,760	0.18
08/06/2021	15:43:11	78771.63	394736.02	38.79	Soil	9,180	-1.65
08/06/2021	15:43:12	78771.82	394735.97	38.76	Soil	10,320	-0.84
08/06/2021	15:43:13	78771.86	394736.23	38.83	Soil	11,940	0.31
08/06/2021	15:43:14	78771.79	394735.77	38.78	Soil	11,700	0.14
08/06/2021	15:43:15	78771.77	394735.65	38.79	Soil	13,800	1.63
08/06/2021	15:43:16	78771.92	394736.09	38.78	Soil	14,100	1.84
08/06/2021	15:43:19	78771.92	394736.13	38.81	Soil	11,640	0.10
08/06/2021	15:43:20	78771.87	394736.04	38.85	Soil	11,160	-0.25
08/06/2021	15:43:25	78771.83	394736.01	38.75	Soil	11,760	0.18
08/06/2021	15:43:29	78771.86	394736.25	38.64	Soil	11,760	0.18
08/06/2021	15:43:30	78771.90	394735.78	38.58	Soil	10,860	-0.46
08/06/2021	15:53:11	78771.88	394735.22	39.05	Soil	11,580	0.05
08/06/2021	15:53:12	78771.88	394735.26	39.02	Soil	11,640	0.10
08/06/2021	15:53:14	78771.85	394735.00	39.10	Soil	12,600	0.78
08/06/2021	15:53:15	78771.81	394735.46	39.18	Soil	11,940	0.31
08/06/2021	15:53:16	78771.89	394735.28	39.11	Soil	11,340	-0.12
08/06/2021	15:53:17	78771.82	394735.06	39.14	Soil	12,300	0.56
08/06/2021	15:53:18	78771.78	394735.32	39.18	Soil	11,460	-0.03
08/06/2021	15:53:19	78771.79	394735.29	39.17	Soil	14,460	2.10
08/06/2021	15:53:20	78771.78	394735.02	39.18	Soil	13,080	1.12
08/06/2021	15:53:21	78771.71	394735.24	39.15	Soil	11,880	0.27
08/06/2021	15:53:22	78771.65	394735.39	39.13	Soil	12,720	0.86
08/06/2021	15:53:23	78771.79	394735.17	39.22	Soil	11,640	0.10
08/06/2021	15:53:24	78771.80	394735.19	39.25	Soil	13,260	1.24
08/06/2021	15:53:25	78771.70	394735.38	39.18	Soil	11,640	0.10
08/06/2021	15:53:26	78771.75	394735.18	38.97	Soil	11,160	-0.25
08/06/2021	15:53:27	78771.71	394734.84	39.21	Soil	11,940	0.31
08/06/2021	15:53:28	78771.70	394734.90	39.16	Soil	11,160	-0.25
08/06/2021	15:53:29	78771.61	394735.26	39.11	Soil	12,300	0.56
08/06/2021	15:53:30	78771.56	394735.49	39.10	Soil	12,240	0.52
08/06/2021	15:53:31	78771.65	394735.13	39.14	Soil	12,300	0.56
08/06/2021	15:53:32	78771.52	394735.08	39.19	Soil	11,580	0.05

SU 7D GWS RESULTS
(SOIL)

08/06/2021	15:53:33	78771.44	394735.45	39.25	Soil	11,880	0.27
08/06/2021	15:53:34	78771.38	394735.29	39.24	Soil	12,120	0.44
08/06/2021	15:53:35	78771.31	394735.00	39.25	Soil	12,660	0.82
08/06/2021	15:53:36	78771.40	394735.17	39.28	Soil	11,820	0.22
08/06/2021	15:53:37	78771.37	394735.26	39.37	Soil	11,580	0.05
08/06/2021	15:53:38	78771.29	394735.26	39.33	Soil	12,660	0.82
08/06/2021	15:53:39	78771.31	394735.38	39.25	Soil	13,020	1.07
08/06/2021	15:53:40	78771.31	394735.25	39.23	Soil	10,380	-0.80
08/06/2021	15:53:41	78771.46	394735.10	39.16	Soil	10,980	-0.37
08/06/2021	15:53:42	78771.37	394735.14	39.24	Soil	14,040	1.80
08/06/2021	15:53:43	78771.29	394735.24	39.29	Soil	13,620	1.50
08/06/2021	15:53:44	78771.34	394735.25	39.29	Soil	11,820	0.22
08/06/2021	15:53:45	78771.18	394735.13	39.51	Soil	10,560	-0.67
08/06/2021	15:53:46	78771.12	394735.03	39.51	Soil	11,280	-0.16
08/06/2021	15:53:47	78771.15	394735.13	39.53	Soil	10,500	-0.71
08/06/2021	15:53:48	78771.18	394735.13	39.53	Soil	11,460	-0.03
08/06/2021	15:53:49	78771.20	394734.91	39.57	Soil	12,060	0.39
08/06/2021	15:53:50	78771.26	394734.93	39.57	Soil	10,800	-0.50
08/06/2021	15:53:51	78771.28	394734.97	39.60	Soil	11,280	-0.16
08/06/2021	15:53:52	78771.23	394734.88	39.64	Soil	12,900	0.99
08/06/2021	15:53:53	78771.21	394734.97	39.62	Soil	11,640	0.10
08/06/2021	15:53:54	78771.21	394735.02	39.66	Soil	13,140	1.16
08/06/2021	15:53:55	78771.23	394734.88	39.68	Soil	11,820	0.22
08/06/2021	15:53:56	78771.27	394734.90	39.67	Soil	11,340	-0.12
08/06/2021	15:53:57	78771.29	394734.95	39.68	Soil	11,460	-0.03
08/06/2021	15:53:58	78771.29	394734.85	39.71	Soil	13,200	1.20
08/06/2021	15:53:59	78771.28	394734.90	39.70	Soil	10,860	-0.46
08/06/2021	15:54:00	78771.29	394734.95	39.74	Soil	11,820	0.22
08/06/2021	15:54:01	78771.32	394734.83	39.76	Soil	13,080	1.12
08/06/2021	15:54:02	78771.40	394734.91	39.66	Soil	12,900	0.99
08/06/2021	15:54:03	78771.53	394735.12	39.62	Soil	11,700	0.14
08/06/2021	15:54:04	78771.63	394735.03	39.64	Soil	12,000	0.35
08/06/2021	15:54:05	78771.65	394735.03	39.60	Soil	12,360	0.61
08/06/2021	15:54:06	78771.65	394735.20	39.59	Soil	11,220	-0.20
08/06/2021	15:54:07	78771.63	394735.11	39.59	Soil	11,640	0.10
08/06/2021	15:54:08	78771.55	394734.99	39.57	Soil	12,540	0.73
08/06/2021	15:54:09	78771.59	394735.18	39.49	Soil	11,820	0.22
08/06/2021	15:54:10	78771.58	394735.62	39.58	Soil	11,460	-0.03
08/06/2021	15:54:11	78771.42	394736.02	39.53	Soil	11,760	0.18
08/06/2021	15:54:12	78771.42	394735.75	39.48	Soil	12,180	0.48
08/06/2021	15:54:13	78771.48	394735.49	39.62	Soil	11,340	-0.12
08/06/2021	15:54:14	78771.50	394735.68	39.57	Soil	11,760	0.18
08/06/2021	15:54:15	78771.51	394735.69	39.48	Soil	11,280	-0.16
08/06/2021	15:54:16	78771.42	394735.55	39.50	Soil	10,140	-0.97
08/06/2021	15:54:17	78771.34	394735.75	39.57	Soil	13,020	1.07
08/06/2021	15:54:18	78771.46	394735.74	39.45	Soil	11,700	0.14
08/06/2021	15:54:19	78771.58	394735.29	39.35	Soil	12,360	0.61
08/06/2021	15:54:20	78771.55	394735.40	39.39	Soil	12,720	0.86
08/06/2021	15:54:21	78771.34	394735.63	39.40	Soil	12,480	0.69
08/06/2021	15:54:22	78771.20	394735.29	39.43	Soil	11,100	-0.29
08/06/2021	15:54:23	78771.27	394735.28	39.43	Soil	11,580	0.05

SU 7D GWS RESULTS
(SOIL)

08/06/2021	15:54:24	78771.37	394735.61	39.49	Soil	12,180	0.48
08/06/2021	15:54:25	78771.41	394735.51	39.48	Soil	10,980	-0.37
08/06/2021	15:54:26	78771.38	394735.16	39.57	Soil	12,720	0.86
08/06/2021	15:54:27	78771.34	394735.37	39.73	Soil	12,240	0.52
08/06/2021	15:54:28	78771.33	394735.58	39.72	Soil	11,760	0.18
08/06/2021	15:54:29	78771.28	394735.48	39.72	Soil	10,860	-0.46
08/06/2021	15:54:30	78771.11	394735.62	39.68	Soil	13,440	1.37
08/06/2021	15:54:31	78771.02	394735.64	39.63	Soil	11,040	-0.33
08/06/2021	15:54:32	78771.02	394735.32	39.74	Soil	9,960	-1.10
08/06/2021	15:54:33	78770.96	394735.39	39.68	Soil	12,120	0.44
08/06/2021	15:54:34	78770.86	394735.59	39.63	Soil	12,480	0.69
08/06/2021	15:54:35	78770.95	394735.34	39.68	Soil	11,760	0.18
08/06/2021	15:54:36	78770.99	394735.41	39.63	Soil	10,440	-0.76
08/06/2021	15:54:37	78770.84	394735.64	39.61	Soil	12,840	0.95
08/06/2021	15:54:38	78770.99	394735.48	39.63	Soil	10,800	-0.50
08/06/2021	15:54:39	78771.06	394735.40	39.61	Soil	11,460	-0.03
08/06/2021	15:54:40	78770.99	394735.35	39.60	Soil	10,380	-0.80
08/06/2021	15:54:41	78771.07	394735.17	39.60	Soil	12,480	0.69
08/06/2021	15:54:42	78770.98	394735.17	39.55	Soil	10,620	-0.63
08/06/2021	15:54:43	78770.81	394735.13	39.56	Soil	12,180	0.48
08/06/2021	15:54:44	78770.80	394735.01	39.57	Soil	11,640	0.10
08/06/2021	15:54:45	78770.93	394735.01	39.57	Soil	10,380	-0.80
08/06/2021	15:54:46	78771.04	394734.99	39.57	Soil	13,260	1.24
08/06/2021	15:54:47	78771.07	394734.93	39.58	Soil	13,740	1.58
08/06/2021	15:54:48	78771.11	394734.80	39.56	Soil	12,240	0.52
08/06/2021	15:54:49	78771.10	394734.66	39.56	Soil	13,260	1.24
08/06/2021	15:54:50	78771.05	394734.58	39.55	Soil	11,640	0.10
08/06/2021	15:54:51	78771.01	394734.54	39.56	Soil	12,180	0.48
08/06/2021	15:54:52	78770.97	394734.50	39.59	Soil	12,060	0.39
08/06/2021	15:54:53	78770.92	394734.47	39.62	Soil	9,960	-1.10
08/06/2021	15:54:54	78770.92	394734.43	39.64	Soil	9,780	-1.22
08/06/2021	15:54:55	78770.91	394734.38	39.67	Soil	12,600	0.78
08/06/2021	15:54:56	78770.89	394734.31	39.69	Soil	11,880	0.27
08/06/2021	15:54:57	78770.89	394734.24	39.69	Soil	12,240	0.52
08/06/2021	15:54:58	78770.88	394734.13	39.67	Soil	10,680	-0.59
08/06/2021	15:54:59	78770.88	394734.07	39.68	Soil	11,520	0.01
08/06/2021	15:55:00	78770.87	394734.07	39.66	Soil	12,060	0.39
08/06/2021	15:55:01	78770.85	394734.06	39.66	Soil	12,420	0.65
08/06/2021	15:55:02	78770.84	394734.02	39.64	Soil	11,460	-0.03
08/06/2021	15:55:03	78770.83	394733.98	39.61	Soil	13,320	1.29
08/06/2021	15:55:04	78770.80	394733.97	39.57	Soil	11,640	0.10
08/06/2021	15:55:05	78770.81	394733.91	39.50	Soil	12,720	0.86
08/06/2021	15:55:06	78770.86	394733.78	39.42	Soil	13,020	1.07
08/06/2021	15:55:07	78770.89	394733.68	39.46	Soil	11,280	-0.16
08/06/2021	15:55:08	78770.91	394733.68	39.48	Soil	10,800	-0.50
08/06/2021	15:55:09	78770.93	394733.68	39.54	Soil	10,380	-0.80
08/06/2021	15:55:10	78770.96	394733.68	39.57	Soil	11,640	0.10
08/06/2021	15:55:11	78770.99	394733.68	39.64	Soil	11,940	0.31
08/06/2021	15:55:12	78771.10	394733.86	39.86	Soil	10,260	-0.88
08/06/2021	15:55:13	78771.31	394734.25	39.78	Soil	11,040	-0.33
08/06/2021	15:55:14	78771.21	394734.38	39.69	Soil	12,540	0.73

SU 7D GWS RESULTS
(SOIL)

08/06/2021	15:55:15	78771.04	394734.22	39.71	Soil	11,760	0.18
08/06/2021	15:55:16	78771.04	394734.10	39.68	Soil	11,160	-0.25
08/06/2021	15:55:17	78771.01	394734.00	39.63	Soil	11,280	-0.16
08/06/2021	15:55:18	78771.03	394733.96	39.69	Soil	11,940	0.31
08/06/2021	15:55:19	78771.04	394733.94	39.65	Soil	11,160	-0.25
08/06/2021	15:55:20	78771.06	394733.87	39.66	Soil	10,440	-0.76
08/06/2021	15:55:21	78771.08	394733.86	39.65	Soil	11,280	-0.16
08/06/2021	15:55:22	78771.10	394733.81	39.61	Soil	12,000	0.35
08/06/2021	15:55:23	78771.15	394733.73	39.59	Soil	10,260	-0.88
08/06/2021	15:55:24	78771.18	394733.70	39.60	Soil	11,280	-0.16
08/06/2021	15:55:25	78771.19	394733.70	39.60	Soil	11,460	-0.03
08/06/2021	15:55:26	78771.19	394733.75	39.65	Soil	11,700	0.14
08/06/2021	15:55:27	78771.20	394733.82	39.66	Soil	11,760	0.18
08/06/2021	15:55:28	78771.18	394733.82	39.65	Soil	12,840	0.95
08/06/2021	15:55:29	78771.16	394733.84	39.69	Soil	13,980	1.75
08/06/2021	15:55:30	78771.15	394733.93	39.71	Soil	11,640	0.10
08/06/2021	15:55:31	78771.13	394733.98	39.71	Soil	10,440	-0.76
08/06/2021	15:55:32	78771.21	394734.04	39.81	Soil	12,960	1.03
08/06/2021	15:55:33	78771.31	394734.03	39.88	Soil	9,720	-1.27
08/06/2021	15:55:34	78771.26	394733.92	39.85	Soil	12,720	0.86
08/06/2021	15:55:35	78771.20	394733.90	39.83	Soil	11,700	0.14
08/06/2021	15:55:36	78771.22	394733.84	39.81	Soil	12,900	0.99
08/06/2021	15:55:37	78771.29	394733.86	39.85	Soil	12,540	0.73
08/06/2021	15:55:38	78771.22	394733.88	39.76	Soil	12,780	0.90
08/06/2021	15:55:39	78771.26	394734.02	39.86	Soil	12,420	0.65
08/06/2021	15:55:40	78771.36	394734.23	39.97	Soil	11,640	0.10
08/06/2021	15:55:41	78771.29	394734.20	39.84	Soil	12,180	0.48
08/06/2021	15:55:42	78771.30	394734.10	39.79	Soil	11,280	-0.16
08/06/2021	15:55:43	78771.32	394734.08	39.99	Soil	12,240	0.52
08/06/2021	15:55:44	78771.29	394734.17	39.89	Soil	9,540	-1.39
08/06/2021	15:55:45	78771.37	394734.15	39.84	Soil	11,580	0.05
08/06/2021	15:55:46	78771.49	394733.93	39.79	Soil	10,140	-0.97
08/06/2021	15:55:47	78771.55	394733.96	39.78	Soil	12,000	0.35
08/06/2021	15:55:48	78771.49	394734.30	39.83	Soil	13,140	1.16
08/06/2021	15:55:49	78771.37	394734.37	39.78	Soil	10,200	-0.93
08/06/2021	15:55:50	78771.48	394734.00	39.68	Soil	10,680	-0.59
08/06/2021	15:55:51	78771.68	394734.07	39.63	Soil	12,000	0.35
08/06/2021	15:55:52	78771.82	394734.43	39.57	Soil	12,120	0.44
08/06/2021	15:55:53	78771.75	394734.33	39.52	Soil	11,340	-0.12
08/06/2021	15:55:54	78771.75	394734.05	39.50	Soil	12,300	0.56
08/06/2021	15:55:55	78771.86	394734.21	39.51	Soil	11,220	-0.20
08/06/2021	15:56:02	78771.80	394734.08	39.32	Soil	11,760	0.18
08/06/2021	15:56:03	78771.73	394734.17	39.39	Soil	11,820	0.22
08/06/2021	15:56:04	78771.78	394734.11	39.43	Soil	10,800	-0.50
08/06/2021	15:56:05	78771.86	394734.08	39.44	Soil	11,760	0.18
08/06/2021	15:56:06	78771.88	394734.10	39.41	Soil	11,280	-0.16
08/06/2021	15:56:07	78771.90	394734.11	39.41	Soil	12,060	0.39
08/06/2021	15:56:12	78771.82	394734.06	39.21	Soil	12,060	0.39
08/06/2021	15:56:13	78771.86	394734.32	39.28	Soil	12,360	0.61
08/06/2021	15:56:14	78771.86	394734.37	39.26	Soil	11,760	0.18
08/06/2021	15:56:26	78771.90	394734.22	39.02	Soil	10,860	-0.46

SU 7D GWS RESULTS
(SOIL)

08/06/2021	16:06:23	78771.90	394733.42	38.98	Soil	10,440	-0.76
08/06/2021	16:06:27	78771.87	394733.55	38.98	Soil	11,880	0.27
08/06/2021	16:06:30	78771.84	394733.59	38.98	Soil	12,420	0.65
08/06/2021	16:06:31	78771.72	394733.64	39.01	Soil	11,700	0.14
08/06/2021	16:06:32	78771.79	394733.21	39.00	Soil	11,580	0.05
08/06/2021	16:06:33	78771.82	394733.14	39.05	Soil	12,000	0.35
08/06/2021	16:06:34	78771.84	394733.55	39.04	Soil	12,480	0.69
08/06/2021	16:06:35	78771.81	394733.72	39.01	Soil	11,160	-0.25
08/06/2021	16:06:36	78771.86	394733.25	38.96	Soil	12,300	0.56
08/06/2021	16:06:37	78771.83	394732.99	38.98	Soil	10,200	-0.93
08/06/2021	16:06:38	78771.69	394733.41	39.02	Soil	10,440	-0.76
08/06/2021	16:06:39	78771.55	394733.59	39.03	Soil	11,640	0.10
08/06/2021	16:06:40	78771.56	394733.16	39.06	Soil	10,740	-0.54
08/06/2021	16:06:41	78771.57	394732.88	39.09	Soil	11,460	-0.03
08/06/2021	16:06:42	78771.51	394733.32	39.07	Soil	11,220	-0.20
08/06/2021	16:06:43	78771.70	394733.62	39.06	Soil	11,400	-0.08
08/06/2021	16:06:44	78771.73	394733.35	39.10	Soil	11,580	0.05
08/06/2021	16:06:45	78771.68	394732.76	39.15	Soil	11,040	-0.33
08/06/2021	16:06:46	78771.58	394733.17	39.13	Soil	11,640	0.10
08/06/2021	16:06:47	78771.51	394733.70	39.11	Soil	13,680	1.54
08/06/2021	16:06:48	78771.38	394733.26	39.15	Soil	10,500	-0.71
08/06/2021	16:06:49	78771.39	394732.79	39.24	Soil	10,980	-0.37
08/06/2021	16:06:50	78771.36	394733.13	39.18	Soil	11,460	-0.03
08/06/2021	16:06:51	78771.52	394733.30	39.21	Soil	11,940	0.31
08/06/2021	16:06:52	78771.39	394732.99	39.30	Soil	11,100	-0.29
08/06/2021	16:06:53	78771.43	394732.68	39.43	Soil	13,020	1.07
08/06/2021	16:06:54	78771.42	394732.89	39.40	Soil	12,120	0.44
08/06/2021	16:06:55	78771.32	394732.98	39.45	Soil	11,940	0.31
08/06/2021	16:06:56	78771.49	394733.32	39.44	Soil	11,460	-0.03
08/06/2021	16:06:57	78771.29	394733.49	39.41	Soil	12,360	0.61
08/06/2021	16:06:58	78771.36	394733.35	39.49	Soil	11,580	0.05
08/06/2021	16:06:59	78771.53	394732.86	39.75	Soil	10,560	-0.67
08/06/2021	16:07:00	78771.32	394732.90	39.88	Soil	10,980	-0.37
08/06/2021	16:07:01	78771.34	394733.47	39.93	Soil	12,000	0.35
08/06/2021	16:07:02	78771.18	394733.86	39.85	Soil	10,140	-0.97
08/06/2021	16:07:03	78771.21	394733.67	39.83	Soil	12,780	0.90
08/06/2021	16:07:04	78771.27	394733.77	39.84	Soil	10,800	-0.50
08/06/2021	16:07:05	78771.21	394733.71	39.86	Soil	11,340	-0.12
08/06/2021	16:07:06	78771.14	394733.56	39.81	Soil	9,540	-1.39
08/06/2021	16:07:07	78771.11	394733.78	39.85	Soil	9,840	-1.18
08/06/2021	16:07:08	78771.00	394733.81	39.84	Soil	11,880	0.27
08/06/2021	16:07:09	78770.98	394733.70	39.82	Soil	11,820	0.22
08/06/2021	16:07:10	78771.09	394733.80	39.84	Soil	10,860	-0.46
08/06/2021	16:07:11	78771.16	394733.65	39.85	Soil	12,060	0.39
08/06/2021	16:07:12	78771.14	394733.54	39.85	Soil	11,280	-0.16
08/06/2021	16:07:13	78771.12	394733.66	39.86	Soil	9,960	-1.10
08/06/2021	16:07:14	78771.06	394733.54	39.89	Soil	10,380	-0.80
08/06/2021	16:07:15	78771.10	394733.45	39.90	Soil	10,920	-0.42
08/06/2021	16:07:16	78771.15	394733.36	39.91	Soil	11,940	0.31
08/06/2021	16:07:17	78771.13	394733.20	39.91	Soil	10,020	-1.05
08/06/2021	16:07:18	78771.10	394733.23	39.91	Soil	10,860	-0.46

SU 7D GWS RESULTS
(SOIL)

08/06/2021	16:07:19	78771.08	394733.21	39.90	Soil	10,800	-0.50
08/06/2021	16:07:20	78771.11	394733.04	39.90	Soil	11,160	-0.25
08/06/2021	16:07:21	78771.10	394732.92	39.91	Soil	11,700	0.14
08/06/2021	16:07:22	78771.13	394732.77	39.89	Soil	10,500	-0.71
08/06/2021	16:07:23	78771.11	394732.64	39.85	Soil	11,520	0.01
08/06/2021	16:07:24	78771.03	394732.61	39.86	Soil	11,220	-0.20
08/06/2021	16:07:25	78771.06	394732.44	39.87	Soil	9,660	-1.31
08/06/2021	16:07:26	78771.06	394732.28	39.85	Soil	10,680	-0.59
08/06/2021	16:07:27	78771.00	394732.21	39.86	Soil	11,340	-0.12
08/06/2021	16:07:28	78771.04	394732.03	39.86	Soil	12,060	0.39
08/06/2021	16:07:29	78771.05	394731.93	39.89	Soil	10,620	-0.63
08/06/2021	16:07:30	78770.98	394731.87	39.88	Soil	9,780	-1.22
08/06/2021	16:07:31	78771.01	394731.67	39.87	Soil	10,380	-0.80
08/06/2021	16:07:32	78771.05	394731.64	39.87	Soil	11,760	0.18
08/06/2021	16:07:33	78771.00	394731.74	39.86	Soil	12,720	0.86
08/06/2021	16:07:34	78771.00	394731.63	39.86	Soil	10,440	-0.76
08/06/2021	16:07:35	78770.99	394731.68	39.87	Soil	10,980	-0.37
08/06/2021	16:07:36	78770.95	394731.83	39.87	Soil	11,340	-0.12
08/06/2021	16:07:37	78770.98	394731.71	39.85	Soil	10,740	-0.54
08/06/2021	16:07:38	78770.96	394731.68	39.86	Soil	11,820	0.22
08/06/2021	16:07:39	78770.93	394731.79	39.84	Soil	10,620	-0.63
08/06/2021	16:07:40	78770.94	394731.69	39.84	Soil	11,520	0.01
08/06/2021	16:07:41	78770.93	394731.72	39.84	Soil	12,840	0.95
08/06/2021	16:07:42	78770.95	394731.77	39.83	Soil	11,400	-0.08
08/06/2021	16:07:43	78770.94	394731.64	39.82	Soil	10,440	-0.76
08/06/2021	16:07:44	78770.91	394731.74	39.82	Soil	11,220	-0.20
08/06/2021	16:07:45	78770.95	394731.76	39.80	Soil	10,620	-0.63
08/06/2021	16:07:46	78770.92	394731.67	39.81	Soil	11,580	0.05
08/06/2021	16:07:47	78770.91	394731.77	39.80	Soil	10,440	-0.76
08/06/2021	16:07:48	78770.99	394731.74	39.80	Soil	11,280	-0.16
08/06/2021	16:07:49	78771.04	394731.66	39.90	Soil	10,200	-0.93
08/06/2021	16:07:50	78771.03	394731.72	39.81	Soil	11,400	-0.08
08/06/2021	16:07:51	78770.95	394731.64	39.80	Soil	11,160	-0.25
08/06/2021	16:07:52	78771.10	394731.64	39.65	Soil	10,680	-0.59
08/06/2021	16:07:53	78771.31	394731.76	39.58	Soil	11,700	0.14
08/06/2021	16:07:54	78771.19	394731.70	39.41	Soil	11,760	0.18
08/06/2021	16:07:55	78771.24	394731.63	39.31	Soil	10,920	-0.42
08/06/2021	16:07:56	78771.32	394731.62	39.34	Soil	12,420	0.65
08/06/2021	16:07:57	78771.34	394731.61	39.35	Soil	11,220	-0.20
08/06/2021	16:07:58	78771.31	394731.59	39.53	Soil	10,500	-0.71
08/06/2021	16:07:59	78771.34	394731.78	39.54	Soil	10,620	-0.63
08/06/2021	16:08:00	78771.44	394731.83	39.65	Soil	11,700	0.14
08/06/2021	16:08:01	78771.44	394731.46	39.62	Soil	9,960	-1.10
08/06/2021	16:08:02	78771.31	394731.54	39.58	Soil	11,880	0.27
08/06/2021	16:08:03	78771.30	394731.83	39.61	Soil	13,200	1.20
08/06/2021	16:08:04	78771.40	394731.57	39.62	Soil	11,040	-0.33
08/06/2021	16:08:05	78771.38	394731.69	39.58	Soil	12,540	0.73
08/06/2021	16:08:06	78771.45	394731.87	39.59	Soil	12,240	0.52
08/06/2021	16:08:07	78771.50	394731.63	39.58	Soil	11,280	-0.16
08/06/2021	16:08:08	78771.39	394731.66	39.53	Soil	9,960	-1.10
08/06/2021	16:08:09	78771.39	394731.79	39.57	Soil	11,400	-0.08

SU 7D GWS RESULTS
(SOIL)

08/06/2021	16:08:10	78771.61	394731.64	39.56	Soil	12,240	0.52
08/06/2021	16:08:11	78771.84	394731.79	39.42	Soil	12,900	0.99
08/06/2021	16:08:12	78771.78	394731.90	39.48	Soil	11,700	0.14
08/06/2021	16:08:13	78771.76	394731.61	39.57	Soil	12,180	0.48
08/06/2021	16:08:14	78771.69	394731.54	39.42	Soil	11,460	-0.03
08/06/2021	16:08:15	78771.60	394732.03	39.39	Soil	11,640	0.10
08/06/2021	16:08:16	78771.65	394731.83	39.38	Soil	12,240	0.52
08/06/2021	16:08:17	78771.49	394731.69	39.53	Soil	13,500	1.41
08/06/2021	16:08:18	78771.55	394731.64	39.45	Soil	11,040	-0.33
08/06/2021	16:08:19	78771.64	394731.78	39.31	Soil	11,160	-0.25
08/06/2021	16:08:20	78771.50	394732.02	39.22	Soil	12,480	0.69
08/06/2021	16:08:21	78771.50	394732.00	39.36	Soil	9,240	-1.61
08/06/2021	16:08:22	78771.74	394731.50	39.41	Soil	10,980	-0.37
08/06/2021	16:08:23	78771.61	394731.63	39.34	Soil	10,800	-0.50
08/06/2021	16:08:24	78771.42	394731.98	39.33	Soil	12,840	0.95
08/06/2021	16:08:25	78771.52	394731.66	39.29	Soil	11,700	0.14
08/06/2021	16:08:26	78771.65	394731.54	39.30	Soil	10,740	-0.54
08/06/2021	16:08:27	78771.61	394731.51	39.29	Soil	11,040	-0.33
08/06/2021	16:08:28	78771.63	394731.45	39.34	Soil	12,120	0.44
08/06/2021	16:08:29	78771.57	394731.51	39.37	Soil	12,480	0.69
08/06/2021	16:08:30	78771.60	394731.51	39.41	Soil	11,640	0.10
08/06/2021	16:08:31	78771.62	394731.54	39.43	Soil	12,540	0.73
08/06/2021	16:08:32	78771.65	394731.53	39.43	Soil	12,300	0.56
08/06/2021	16:08:33	78771.68	394731.55	39.44	Soil	12,420	0.65
08/06/2021	16:08:34	78771.73	394731.67	39.41	Soil	12,840	0.95
08/06/2021	16:08:35	78771.74	394731.70	39.44	Soil	12,180	0.48
08/06/2021	16:08:36	78771.70	394731.84	39.48	Soil	10,620	-0.63
08/06/2021	16:08:37	78771.79	394732.16	39.28	Soil	10,620	-0.63
08/06/2021	16:08:38	78771.78	394732.17	39.30	Soil	11,100	-0.29
08/06/2021	16:08:39	78771.86	394731.74	39.36	Soil	11,520	0.01
08/06/2021	16:08:40	78771.85	394731.50	39.34	Soil	11,880	0.27
08/06/2021	16:08:41	78771.89	394731.94	39.24	Soil	11,640	0.10
08/06/2021	16:08:42	78771.91	394732.19	39.20	Soil	11,700	0.14
08/06/2021	16:08:44	78771.85	394731.80	39.13	Soil	11,520	0.01
08/06/2021	16:08:45	78771.78	394732.03	39.15	Soil	11,460	-0.03
08/06/2021	16:08:46	78772.08	394731.74	39.13	Soil	14,040	1.80
08/06/2021	16:08:47	78771.97	394731.60	39.09	Soil	10,560	-0.67
08/06/2021	16:08:48	78772.13	394731.50	39.10	Soil	11,460	-0.03
08/06/2021	16:08:49	78772.13	394731.57	39.26	Soil	9,300	-1.56
08/06/2021	16:08:50	78771.98	394731.88	39.18	Soil	11,700	0.14
08/06/2021	16:08:51	78772.07	394731.76	39.20	Soil	12,300	0.56
08/06/2021	16:08:53	78772.11	394731.71	39.23	Soil	11,040	-0.33
08/06/2021	16:08:56	78772.12	394731.62	39.55	Soil	11,520	0.01
08/06/2021	16:08:58	78771.94	394731.65	39.45	Soil	11,760	0.18
08/06/2021	16:08:59	78772.13	394731.44	39.39	Soil	10,740	-0.54
08/06/2021	16:09:00	78772.08	394731.70	39.35	Soil	9,780	-1.22
08/06/2021	16:09:01	78771.98	394732.14	39.33	Soil	10,860	-0.46
08/06/2021	16:09:02	78772.02	394731.85	39.44	Soil	11,040	-0.33
08/06/2021	16:09:06	78772.09	394731.73	39.44	Soil	11,580	0.05
08/06/2021	16:17:53	78772.18	394731.03	39.08	Soil	11,160	-0.25
08/06/2021	16:17:56	78772.16	394730.43	39.14	Soil	12,540	0.73

SU 7D GWS RESULTS
(SOIL)

08/06/2021	16:17:57	78772.02	394730.45	39.31	Soil	10,500	-0.71
08/06/2021	16:17:58	78772.21	394730.72	39.34	Soil	10,260	-0.88
08/06/2021	16:17:59	78772.21	394730.84	39.37	Soil	12,840	0.95
08/06/2021	16:18:00	78771.94	394731.15	39.52	Soil	11,700	0.14
08/06/2021	16:18:01	78771.96	394731.09	39.52	Soil	11,220	-0.20
08/06/2021	16:18:02	78772.17	394730.44	39.44	Soil	10,920	-0.42
08/06/2021	16:18:03	78772.08	394730.49	39.48	Soil	11,280	-0.16
08/06/2021	16:18:04	78771.71	394730.79	39.58	Soil	10,920	-0.42
08/06/2021	16:18:05	78771.69	394730.58	39.63	Soil	11,220	-0.20
08/06/2021	16:18:06	78771.68	394730.39	39.67	Soil	12,960	1.03
08/06/2021	16:18:07	78771.83	394730.90	39.71	Soil	11,760	0.18
08/06/2021	16:18:08	78771.77	394731.21	39.73	Soil	11,460	-0.03
08/06/2021	16:18:09	78771.68	394730.72	39.83	Soil	10,560	-0.67
08/06/2021	16:18:10	78771.69	394730.33	39.86	Soil	10,920	-0.42
08/06/2021	16:18:11	78771.64	394730.73	39.84	Soil	11,760	0.18
08/06/2021	16:18:12	78771.74	394731.35	39.96	Soil	10,200	-0.93
08/06/2021	16:18:13	78771.65	394730.76	39.92	Soil	10,560	-0.67
08/06/2021	16:18:14	78771.65	394730.53	40.02	Soil	10,740	-0.54
08/06/2021	16:18:15	78771.56	394730.63	40.11	Soil	11,460	-0.03
08/06/2021	16:18:17	78771.59	394730.41	40.11	Soil	11,220	-0.20
08/06/2021	16:18:17	78771.79	394730.34	40.13	Soil	11,820	0.22
08/06/2021	16:18:18	78771.74	394730.63	40.12	Soil	12,420	0.65
08/06/2021	16:18:19	78771.75	394730.57	40.13	Soil	12,480	0.69
08/06/2021	16:18:20	78771.84	394730.44	40.11	Soil	12,480	0.69
08/06/2021	16:18:21	78771.85	394730.64	40.12	Soil	10,680	-0.59
08/06/2021	16:18:22	78771.85	394730.48	40.13	Soil	11,940	0.31
08/06/2021	16:18:23	78771.79	394730.48	40.19	Soil	11,760	0.18
08/06/2021	16:18:24	78771.68	394730.64	40.19	Soil	12,060	0.39
08/06/2021	16:18:25	78771.65	394730.58	40.19	Soil	13,020	1.07
08/06/2021	16:18:26	78771.68	394730.61	40.20	Soil	11,820	0.22
08/06/2021	16:18:27	78771.68	394730.63	40.22	Soil	13,500	1.41
08/06/2021	16:18:28	78771.63	394730.59	40.22	Soil	12,600	0.78
08/06/2021	16:18:29	78771.63	394730.63	40.23	Soil	11,880	0.27
08/06/2021	16:18:30	78771.65	394730.64	40.24	Soil	11,520	0.01
08/06/2021	16:18:31	78771.69	394730.67	40.29	Soil	12,180	0.48
08/06/2021	16:18:33	78771.69	394730.85	40.37	Soil	12,360	0.61
08/06/2021	16:18:33	78771.68	394730.77	40.37	Soil	11,400	-0.08
08/06/2021	16:18:34	78771.68	394730.77	40.40	Soil	11,460	-0.03
08/06/2021	16:18:35	78771.68	394730.74	40.42	Soil	13,800	1.63
08/06/2021	16:18:36	78771.73	394730.49	40.34	Soil	11,040	-0.33
08/06/2021	16:18:37	78771.67	394730.42	40.35	Soil	12,000	0.35
08/07/2021	14:41:08	78787.66	394731.14	38.82	Soil	8,100	-2.39
08/07/2021	14:41:09	78787.62	394731.01	38.82	Soil	8,880	-1.85
08/07/2021	14:41:10	78787.58	394730.88	38.82	Soil	9,660	-1.30
08/07/2021	14:41:11	78787.54	394730.75	38.82	Soil	9,060	-1.72
08/07/2021	14:41:12	78787.49	394730.62	38.85	Soil	8,580	-2.06
08/07/2021	14:41:13	78787.45	394730.52	38.98	Soil	9,900	-1.13
08/07/2021	14:41:14	78787.49	394730.40	37.44	Soil	8,580	-2.06
08/07/2021	14:41:15	78787.44	394730.58	36.26	Soil	9,660	-1.30
08/09/2021	8:43:47	78779.37	394729.85	33.47	Soil	10,980	-0.37
08/09/2021	8:43:48	78779.34	394730.38	33.51	Soil	8,640	-2.01

SU 7D GWS RESULTS
(SOIL)

08/09/2021	8:43:49	78779.48	394730.62	33.59	Soil	9,300	-1.55
08/09/2021	8:43:50	78779.65	394730.02	33.60	Soil	8,760	-1.93
08/09/2021	8:43:51	78779.76	394729.87	33.61	Soil	10,860	-0.46
08/09/2021	8:43:52	78779.76	394730.53	33.67	Soil	9,480	-1.42
08/09/2021	8:43:53	78779.84	394730.47	33.73	Soil	10,080	-1.00
08/09/2021	8:43:54	78779.96	394729.94	33.73	Soil	8,280	-2.27
08/09/2021	8:43:55	78780.06	394730.22	33.72	Soil	10,740	-0.54
08/09/2021	8:43:56	78779.95	394730.80	33.71	Soil	9,660	-1.30
08/09/2021	8:43:57	78779.99	394730.48	33.65	Soil	8,580	-2.06
08/09/2021	8:43:58	78780.14	394730.03	33.70	Soil	9,960	-1.09
08/09/2021	8:43:59	78780.25	394730.53	33.82	Soil	11,220	-0.20
08/09/2021	8:44:01	78780.50	394730.37	33.96	Soil	7,740	-2.65
08/09/2021	8:44:02	78780.51	394730.30	33.94	Soil	11,100	-0.29
08/09/2021	8:44:05	78780.63	394730.42	34.07	Soil	7,680	-2.69
08/09/2021	8:44:06	78780.69	394730.49	34.14	Soil	10,260	-0.88
08/09/2021	8:44:08	78780.73	394730.71	34.11	Soil	8,520	-2.10
08/09/2021	8:44:09	78780.95	394730.41	34.13	Soil	10,500	-0.71
08/09/2021	8:44:10	78780.94	394730.80	34.06	Soil	9,780	-1.21
08/09/2021	8:44:11	78780.74	394730.81	34.02	Soil	9,360	-1.51
08/09/2021	8:44:12	78780.84	394730.71	34.02	Soil	9,720	-1.26
08/09/2021	8:44:13	78781.07	394730.82	33.99	Soil	8,520	-2.10
08/09/2021	8:44:41	78781.34	394730.66	33.93	Soil	9,660	-1.30
08/09/2021	8:46:01	78780.60	394730.83	34.08	Soil	10,380	-0.79
08/09/2021	8:46:05	78780.55	394730.82	34.19	Soil	9,600	-1.34
08/09/2021	8:46:08	78780.34	394730.82	34.34	Soil	9,540	-1.38
08/09/2021	8:46:10	78780.09	394731.63	34.26	Soil	9,960	-1.09
08/09/2021	8:46:11	78780.12	394731.03	34.45	Soil	10,860	-0.46
08/09/2021	8:46:12	78780.26	394730.81	34.59	Soil	10,140	-0.96
08/09/2021	8:46:13	78780.15	394731.33	34.49	Soil	10,440	-0.75
08/09/2021	8:46:14	78779.98	394731.56	34.36	Soil	10,980	-0.37
08/09/2021	8:46:15	78780.10	394731.10	34.50	Soil	10,020	-1.05
08/09/2021	8:46:17	78779.90	394731.67	34.50	Soil	9,840	-1.17
08/09/2021	8:46:18	78779.77	394731.35	34.64	Soil	10,080	-1.00
08/09/2021	8:46:19	78779.95	394730.90	34.73	Soil	10,560	-0.67
08/09/2021	8:46:20	78779.99	394731.47	34.63	Soil	10,920	-0.41
08/09/2021	8:46:22	78779.84	394731.41	34.66	Soil	11,160	-0.25
08/09/2021	8:46:23	78780.05	394730.95	34.75	Soil	11,160	-0.25
08/09/2021	8:46:24	78779.82	394731.20	34.71	Soil	9,900	-1.13
08/09/2021	8:46:25	78779.60	394731.58	34.75	Soil	10,680	-0.58
08/09/2021	8:46:26	78779.71	394731.11	34.85	Soil	11,040	-0.33
08/09/2021	8:46:27	78779.80	394730.72	34.91	Soil	10,740	-0.54
08/09/2021	8:46:28	78779.63	394731.25	34.85	Soil	10,440	-0.75
08/09/2021	8:46:30	78779.42	394730.89	35.06	Soil	10,020	-1.05
08/09/2021	8:46:31	78779.61	394730.65	35.12	Soil	10,740	-0.54
08/09/2021	8:46:32	78779.47	394731.29	35.06	Soil	10,560	-0.67
08/09/2021	8:46:34	78779.44	394730.96	35.20	Soil	12,720	0.85
08/09/2021	8:46:35	78779.60	394730.64	35.21	Soil	10,620	-0.62
08/09/2021	8:46:36	78779.24	394731.24	35.11	Soil	11,520	0.01
08/09/2021	8:46:38	78779.34	394730.84	35.19	Soil	11,460	-0.04
08/09/2021	8:46:39	78779.37	394730.65	35.23	Soil	11,520	0.01
08/09/2021	8:46:42	78778.98	394730.73	35.48	Soil	10,500	-0.71

SU 7D GWS RESULTS
(SOIL)

08/09/2021	8:46:43	78779.20	394730.61	35.50	Soil	10,980	-0.37
08/09/2021	8:46:46	78779.00	394730.73	35.62	Soil	10,200	-0.92
08/09/2021	8:46:47	78779.05	394730.45	35.62	Soil	10,740	-0.54
08/09/2021	8:46:50	78778.82	394730.52	35.72	Soil	11,460	-0.04
08/09/2021	8:46:51	78778.55	394730.37	35.80	Soil	10,920	-0.41
08/09/2021	8:46:54	78778.74	394730.47	35.80	Soil	11,400	-0.08
08/09/2021	8:46:55	78778.57	394730.40	35.75	Soil	9,420	-1.47
08/09/2021	8:46:58	78778.49	394730.53	35.84	Soil	10,260	-0.88
08/09/2021	8:46:59	78778.67	394730.57	35.80	Soil	11,160	-0.25
08/09/2021	8:47:02	78778.62	394730.41	36.32	Soil	10,560	-0.67
08/09/2021	8:47:03	78778.57	394730.50	36.60	Soil	11,100	-0.29
08/09/2021	8:47:05	78778.50	394730.79	37.19	Soil	11,280	-0.16
08/09/2021	8:47:06	78778.71	394730.33	37.49	Soil	10,800	-0.50
08/09/2021	8:47:07	78778.61	394730.70	37.71	Soil	10,680	-0.58
08/09/2021	8:47:09	78778.55	394730.58	37.66	Soil	9,300	-1.55
08/09/2021	8:47:10	78778.58	394730.35	37.51	Soil	11,220	-0.20
08/09/2021	8:47:13	78778.03	394730.34	36.83	Soil	10,680	-0.58
08/09/2021	8:47:14	78777.89	394730.33	36.59	Soil	11,460	-0.04
08/09/2021	8:47:24	78777.72	394730.37	36.32	Soil	11,460	-0.04
08/09/2021	8:47:25	78777.71	394730.29	36.21	Soil	11,220	-0.20
08/09/2021	8:47:30	78777.98	394730.38	36.13	Soil	10,020	-1.05
08/09/2021	8:47:34	78777.96	394730.28	36.06	Soil	10,200	-0.92
08/09/2021	8:47:35	78777.91	394730.32	36.15	Soil	9,000	-1.76
08/09/2021	8:47:39	78777.81	394730.33	36.18	Soil	11,400	-0.08
08/09/2021	8:47:43	78777.85	394730.41	36.25	Soil	11,700	0.13
08/09/2021	8:49:25	78777.46	394729.79	36.74	Soil	10,140	-0.96
08/09/2021	8:49:26	78777.51	394729.44	36.70	Soil	11,700	0.13
08/09/2021	8:49:29	78777.28	394729.18	36.21	Soil	9,840	-1.17
08/09/2021	8:49:30	78777.33	394729.11	36.23	Soil	10,380	-0.79
08/09/2021	8:49:31	78777.35	394729.53	36.28	Soil	11,700	0.13
08/09/2021	8:49:32	78777.33	394729.50	36.24	Soil	10,920	-0.41
08/09/2021	8:49:33	78777.45	394728.73	36.30	Soil	12,060	0.39
08/09/2021	8:49:34	78777.48	394728.71	36.22	Soil	11,460	-0.04
08/09/2021	8:49:35	78777.34	394729.21	36.31	Soil	11,580	0.05
08/09/2021	8:49:36	78777.30	394728.97	36.34	Soil	11,100	-0.29
08/09/2021	8:49:37	78777.46	394728.65	36.30	Soil	9,000	-1.76
08/09/2021	8:49:38	78777.47	394729.08	36.29	Soil	11,700	0.13
08/09/2021	8:49:39	78777.32	394729.42	36.37	Soil	11,700	0.13
08/09/2021	8:49:40	78777.45	394728.82	36.27	Soil	9,840	-1.17
08/09/2021	8:49:41	78777.60	394728.53	36.23	Soil	10,440	-0.75
08/09/2021	8:49:42	78777.54	394729.07	36.30	Soil	11,760	0.18
08/09/2021	8:49:43	78777.54	394728.96	36.27	Soil	11,160	-0.25
08/09/2021	8:49:44	78777.83	394728.33	36.29	Soil	13,680	1.52
08/09/2021	8:49:46	78777.70	394728.62	36.21	Soil	10,020	-1.05
08/09/2021	8:49:48	78777.71	394728.55	36.26	Soil	10,140	-0.96
08/09/2021	8:49:49	78777.64	394729.26	36.32	Soil	9,600	-1.34
08/09/2021	8:49:50	78777.51	394729.22	36.27	Soil	10,800	-0.50
08/09/2021	8:49:51	78777.63	394728.59	36.38	Soil	11,040	-0.33
08/09/2021	8:49:52	78777.72	394728.79	36.25	Soil	9,120	-1.68
08/09/2021	8:49:53	78777.50	394729.32	36.33	Soil	11,280	-0.16
08/09/2021	8:49:54	78777.43	394728.90	36.31	Soil	11,940	0.30

SU 7D GWS RESULTS
(SOIL)

08/09/2021	8:49:55	78777.59	394728.47	36.40	Soil	12,600	0.76
08/09/2021	8:49:56	78777.61	394728.83	36.26	Soil	12,120	0.43
08/09/2021	8:49:57	78777.40	394729.25	36.30	Soil	10,080	-1.00
08/09/2021	8:49:58	78777.64	394728.83	36.25	Soil	11,700	0.13
08/09/2021	8:49:59	78777.86	394728.58	36.23	Soil	11,220	-0.20
08/09/2021	8:50:00	78777.67	394729.14	36.18	Soil	10,740	-0.54
08/09/2021	8:50:01	78777.53	394729.28	36.18	Soil	12,060	0.39
08/09/2021	8:50:02	78777.58	394729.05	36.14	Soil	11,460	-0.04
08/09/2021	8:50:03	78777.78	394728.68	36.23	Soil	9,960	-1.09
08/09/2021	8:50:04	78777.74	394728.68	36.24	Soil	9,720	-1.26
08/09/2021	8:50:05	78777.40	394729.03	36.25	Soil	12,360	0.60
08/09/2021	8:50:06	78777.41	394729.37	36.45	Soil	11,520	0.01
08/09/2021	8:50:07	78777.73	394729.66	36.49	Soil	9,480	-1.42
08/09/2021	8:50:08	78777.78	394729.45	36.35	Soil	10,860	-0.46
08/09/2021	8:50:09	78777.82	394728.74	36.23	Soil	11,400	-0.08
08/09/2021	8:50:10	78778.01	394728.79	36.25	Soil	11,160	-0.25
08/09/2021	8:50:11	78778.06	394729.56	36.33	Soil	10,680	-0.58
08/09/2021	8:50:12	78778.05	394729.70	36.26	Soil	10,260	-0.88
08/09/2021	8:50:13	78778.13	394728.94	36.14	Soil	12,300	0.55
08/09/2021	8:50:14	78778.17	394728.70	36.14	Soil	10,440	-0.75
08/09/2021	8:50:15	78778.07	394729.32	36.23	Soil	10,560	-0.67
08/09/2021	8:50:16	78778.06	394729.54	36.19	Soil	10,320	-0.84
08/09/2021	8:50:17	78778.25	394728.92	36.11	Soil	11,820	0.22
08/09/2021	8:50:19	78778.18	394729.37	36.13	Soil	10,080	-1.00
08/09/2021	8:50:20	78778.06	394729.42	36.12	Soil	9,480	-1.42
08/09/2021	8:50:21	78778.34	394728.95	36.12	Soil	11,100	-0.29
08/09/2021	8:50:25	78778.34	394728.95	36.16	Soil	10,620	-0.62
08/09/2021	8:50:26	78778.36	394729.42	36.19	Soil	10,140	-0.96
08/09/2021	8:50:27	78778.21	394729.17	36.15	Soil	11,100	-0.29
08/09/2021	8:50:28	78778.26	394728.62	36.10	Soil	12,240	0.51
08/09/2021	8:50:29	78778.41	394728.98	36.17	Soil	11,100	-0.29
08/09/2021	8:50:30	78778.45	394729.61	36.12	Soil	8,280	-2.27
08/09/2021	8:50:31	78778.38	394729.48	36.11	Soil	10,620	-0.62
08/09/2021	8:50:32	78778.46	394728.92	36.10	Soil	11,460	-0.04
08/09/2021	8:50:34	78778.54	394729.30	36.17	Soil	12,120	0.43
08/09/2021	8:50:35	78778.46	394729.71	36.03	Soil	9,660	-1.30
08/09/2021	8:50:36	78778.56	394729.20	36.04	Soil	10,620	-0.62
08/09/2021	8:50:39	78778.74	394729.06	36.06	Soil	9,900	-1.13
08/09/2021	8:50:40	78778.57	394729.34	36.05	Soil	11,280	-0.16
08/09/2021	8:50:41	78778.57	394729.62	36.03	Soil	9,000	-1.76
08/09/2021	8:50:42	78778.57	394729.79	36.05	Soil	9,960	-1.09
08/09/2021	8:50:43	78778.49	394729.76	36.11	Soil	10,440	-0.75
08/09/2021	8:50:44	78778.57	394729.99	35.93	Soil	10,140	-0.96
08/09/2021	8:50:45	78778.81	394729.98	35.73	Soil	9,780	-1.21
08/09/2021	8:50:46	78778.84	394729.62	35.81	Soil	9,540	-1.38
08/09/2021	8:50:47	78778.76	394729.69	35.95	Soil	9,120	-1.68
08/09/2021	8:50:48	78778.60	394729.98	35.92	Soil	11,460	-0.04
08/09/2021	8:50:49	78778.76	394729.82	35.86	Soil	11,220	-0.20
08/09/2021	8:50:50	78779.10	394729.31	35.86	Soil	13,920	1.69
08/09/2021	8:50:51	78779.31	394728.95	35.85	Soil	12,000	0.34
08/09/2021	8:50:52	78779.24	394729.12	35.88	Soil	10,320	-0.84

SU 7D GWS RESULTS
(SOIL)

08/09/2021	8:50:53	78779.05	394729.31	35.91	Soil	9,960	-1.09
08/09/2021	8:50:54	78779.03	394728.91	35.90	Soil	9,300	-1.55
08/09/2021	8:50:55	78779.07	394728.83	35.84	Soil	10,320	-0.84
08/09/2021	8:50:56	78779.17	394729.71	35.74	Soil	10,680	-0.58
08/09/2021	8:50:57	78779.25	394730.15	35.61	Soil	10,440	-0.75
08/09/2021	8:50:58	78779.46	394729.56	35.70	Soil	10,500	-0.71
08/09/2021	8:50:59	78779.65	394728.98	35.60	Soil	10,260	-0.88
08/09/2021	8:51:00	78779.53	394729.00	35.64	Soil	9,720	-1.26
08/09/2021	8:51:01	78779.24	394729.46	35.64	Soil	9,900	-1.13
08/09/2021	8:51:02	78779.12	394729.94	35.58	Soil	9,660	-1.30
08/09/2021	8:51:03	78779.27	394730.08	35.43	Soil	11,400	-0.08
08/09/2021	8:51:04	78779.49	394729.62	35.51	Soil	10,620	-0.62
08/09/2021	8:51:05	78779.62	394729.10	35.52	Soil	10,500	-0.71
08/09/2021	8:51:06	78779.60	394729.18	35.54	Soil	10,020	-1.05
08/09/2021	8:51:07	78779.52	394729.51	35.53	Soil	10,080	-1.00
08/09/2021	8:51:08	78779.42	394730.15	35.38	Soil	11,760	0.18
08/09/2021	8:51:09	78779.36	394730.33	35.34	Soil	12,060	0.39
08/09/2021	8:51:10	78779.55	394729.63	35.42	Soil	10,140	-0.96
08/09/2021	8:51:11	78779.83	394729.15	35.61	Soil	10,140	-0.96
08/09/2021	8:51:12	78779.92	394729.10	35.52	Soil	10,620	-0.62
08/09/2021	8:51:14	78780.16	394729.35	35.39	Soil	9,600	-1.34
08/09/2021	8:51:15	78779.83	394729.96	35.30	Soil	10,200	-0.92
08/09/2021	8:51:16	78779.78	394730.12	35.18	Soil	10,260	-0.88
08/09/2021	8:51:17	78779.92	394729.67	35.35	Soil	10,380	-0.79
08/09/2021	8:51:18	78780.21	394729.32	35.46	Soil	11,280	-0.16
08/09/2021	8:51:19	78780.10	394729.74	35.21	Soil	10,980	-0.37
08/09/2021	8:51:20	78780.03	394730.11	35.16	Soil	12,060	0.39
08/09/2021	8:51:21	78780.06	394730.50	34.96	Soil	10,560	-0.67
08/09/2021	8:51:22	78780.25	394730.37	34.90	Soil	10,800	-0.50
08/09/2021	8:51:23	78780.46	394729.92	35.06	Soil	10,680	-0.58
08/09/2021	8:51:24	78780.57	394729.41	35.21	Soil	11,220	-0.20
08/09/2021	8:51:26	78780.66	394729.75	35.00	Soil	11,040	-0.33
08/09/2021	8:51:27	78780.45	394730.17	34.72	Soil	10,200	-0.92
08/09/2021	8:51:28	78780.54	394729.91	34.94	Soil	11,760	0.18
08/09/2021	8:51:30	78780.93	394729.53	34.73	Soil	12,300	0.55
08/09/2021	8:51:31	78781.00	394730.04	34.66	Soil	10,620	-0.62
08/09/2021	8:51:32	78780.75	394730.35	34.60	Soil	10,020	-1.05
08/09/2021	8:51:33	78780.81	394729.92	34.71	Soil	11,040	-0.33
08/09/2021	8:51:36	78780.94	394729.67	34.80	Soil	11,640	0.09
08/09/2021	8:51:37	78780.96	394729.62	34.89	Soil	9,600	-1.34
08/09/2021	8:51:38	78781.12	394729.84	34.66	Soil	10,500	-0.71
08/09/2021	8:51:39	78780.91	394730.42	34.50	Soil	9,300	-1.55
08/09/2021	8:51:40	78780.96	394730.37	34.48	Soil	9,360	-1.51
08/09/2021	8:51:41	78781.02	394729.94	34.72	Soil	10,020	-1.05
08/09/2021	8:51:42	78781.02	394729.69	34.87	Soil	9,720	-1.26
08/09/2021	8:51:43	78780.89	394729.95	34.70	Soil	10,620	-0.62
08/09/2021	8:51:44	78780.80	394730.32	34.70	Soil	9,780	-1.21
08/09/2021	8:51:45	78781.04	394730.09	34.85	Soil	9,840	-1.17
08/09/2021	8:51:46	78781.17	394729.90	35.01	Soil	10,920	-0.41
08/09/2021	8:51:47	78781.18	394730.25	35.21	Soil	9,960	-1.09
08/09/2021	8:51:48	78781.15	394730.06	35.22	Soil	9,600	-1.34

SU 7D GWS RESULTS
(SOIL)

08/09/2021	8:51:49	78781.18	394729.84	35.25	Soil	10,440	-0.75
08/09/2021	8:51:50	78781.23	394729.97	35.24	Soil	10,560	-0.67
08/09/2021	8:51:51	78781.22	394729.94	35.19	Soil	10,800	-0.50
08/09/2021	8:51:52	78781.25	394729.80	34.91	Soil	10,980	-0.37
08/09/2021	8:51:53	78781.20	394729.78	34.89	Soil	12,540	0.72
08/09/2021	8:51:54	78781.06	394729.89	34.86	Soil	11,400	-0.08
08/09/2021	8:51:55	78781.10	394729.88	34.92	Soil	10,860	-0.46
08/09/2021	8:51:56	78781.22	394729.81	34.89	Soil	11,100	-0.29
08/09/2021	8:51:57	78781.16	394729.93	34.80	Soil	11,340	-0.12
08/09/2021	8:51:58	78781.21	394730.05	34.74	Soil	10,380	-0.79
08/09/2021	8:51:59	78781.44	394729.98	34.70	Soil	10,560	-0.67
08/09/2021	8:52:00	78781.42	394729.99	34.64	Soil	11,040	-0.33
08/09/2021	8:52:01	78781.31	394729.98	34.50	Soil	9,540	-1.38
08/09/2021	8:52:02	78781.61	394729.50	34.38	Soil	12,900	0.98
08/09/2021	8:52:03	78781.73	394729.18	34.09	Soil	10,980	-0.37
08/09/2021	8:52:04	78781.67	394729.38	33.97	Soil	11,280	-0.16
08/09/2021	8:52:05	78781.52	394729.79	34.07	Soil	12,120	0.43
08/09/2021	8:52:06	78781.51	394730.15	34.00	Soil	10,560	-0.67
08/09/2021	8:52:07	78781.57	394729.97	33.82	Soil	12,120	0.43
08/09/2021	8:52:08	78781.65	394729.69	33.70	Soil	10,920	-0.41
08/09/2021	8:52:09	78781.67	394729.60	33.68	Soil	10,440	-0.75
08/09/2021	8:52:10	78781.57	394729.58	33.69	Soil	12,000	0.34
08/09/2021	8:52:11	78781.51	394729.58	33.64	Soil	11,280	-0.16
08/09/2021	8:52:12	78781.44	394729.55	33.91	Soil	12,360	0.60
08/09/2021	8:52:13	78781.33	394729.65	34.01	Soil	10,920	-0.41
08/09/2021	8:52:14	78781.33	394729.72	34.09	Soil	10,560	-0.67
08/09/2021	8:52:15	78781.31	394729.95	34.03	Soil	10,500	-0.71
08/09/2021	8:52:16	78781.45	394730.43	33.75	Soil	11,100	-0.29
08/09/2021	8:52:17	78781.69	394730.45	33.66	Soil	11,340	-0.12
08/09/2021	8:52:18	78781.91	394729.86	33.62	Soil	12,060	0.39
08/09/2021	8:52:19	78781.85	394729.78	33.55	Soil	11,700	0.13
08/09/2021	8:52:20	78781.79	394730.37	33.29	Soil	12,000	0.34
08/09/2021	8:52:21	78781.89	394730.27	33.31	Soil	11,280	-0.16
08/09/2021	8:52:22	78781.88	394729.84	33.43	Soil	11,100	-0.29
08/09/2021	8:52:23	78782.02	394729.46	33.55	Soil	11,760	0.18
08/09/2021	8:52:24	78782.02	394729.42	33.63	Soil	10,380	-0.79
08/09/2021	8:52:25	78781.77	394729.99	33.64	Soil	8,700	-1.97
08/09/2021	8:52:26	78781.58	394730.49	33.54	Soil	11,100	-0.29
08/09/2021	8:52:27	78781.58	394730.36	33.45	Soil	11,040	-0.33
08/09/2021	8:52:28	78782.01	394729.56	33.49	Soil	12,060	0.39
08/09/2021	8:52:29	78782.07	394729.46	33.39	Soil	12,540	0.72
08/09/2021	8:52:30	78781.87	394730.31	33.09	Soil	10,260	-0.88
08/09/2021	8:52:31	78781.69	394730.60	33.14	Soil	12,240	0.51
08/09/2021	8:52:32	78781.58	394730.41	33.54	Soil	9,720	-1.26
08/09/2021	8:52:33	78781.68	394729.99	33.50	Soil	11,160	-0.25
08/09/2021	8:52:34	78781.68	394729.91	33.49	Soil	12,360	0.60
08/09/2021	8:52:35	78781.65	394730.11	33.50	Soil	9,660	-1.30
08/09/2021	8:52:36	78781.82	394729.98	33.44	Soil	9,420	-1.47
08/09/2021	8:52:37	78781.85	394729.79	33.36	Soil	11,400	-0.08
08/09/2021	8:52:38	78781.85	394730.04	33.21	Soil	12,660	0.81
08/09/2021	8:52:39	78781.82	394730.18	33.23	Soil	12,180	0.47

SU 7D GWS RESULTS
(SOIL)

08/09/2021	8:52:40	78781.98	394729.87	33.22	Soil	10,440	-0.75
08/09/2021	8:52:41	78782.13	394729.88	33.23	Soil	11,340	-0.12
08/09/2021	8:52:42	78782.11	394730.08	33.24	Soil	11,820	0.22
08/09/2021	8:52:43	78782.06	394729.99	33.24	Soil	12,060	0.39
08/09/2021	8:52:44	78781.94	394729.87	33.29	Soil	10,800	-0.50
08/09/2021	8:52:45	78781.83	394729.99	33.31	Soil	10,560	-0.67
08/09/2021	8:52:46	78781.81	394729.98	33.32	Soil	10,500	-0.71
08/09/2021	8:52:47	78782.04	394729.78	33.27	Soil	10,560	-0.67
08/09/2021	8:52:48	78782.21	394729.94	33.30	Soil	11,700	0.13
08/09/2021	8:52:49	78781.89	394730.59	33.19	Soil	10,260	-0.88
08/09/2021	8:52:50	78781.85	394730.45	33.13	Soil	10,920	-0.41
08/09/2021	8:52:51	78781.96	394729.94	33.23	Soil	11,400	-0.08
08/09/2021	8:52:52	78782.15	394729.83	33.24	Soil	12,840	0.93
08/09/2021	8:52:53	78781.98	394730.25	33.11	Soil	10,860	-0.46
08/09/2021	8:52:54	78781.98	394730.17	33.33	Soil	9,960	-1.09
08/09/2021	8:52:57	78782.10	394730.16	33.20	Soil	12,540	0.72
08/09/2021	8:52:58	78782.33	394729.94	33.04	Soil	10,320	-0.84
08/09/2021	8:53:00	78782.11	394729.82	33.18	Soil	13,080	1.10
08/09/2021	8:53:01	78782.52	394730.30	33.67	Soil	10,080	-1.00
08/09/2021	8:53:03	78782.77	394730.04	33.74	Soil	10,680	-0.58
08/09/2021	8:53:04	78782.31	394730.17	33.80	Soil	11,220	-0.20
08/09/2021	8:53:05	78782.68	394730.02	33.76	Soil	12,600	0.76
08/09/2021	8:53:07	78782.59	394729.82	33.79	Soil	10,860	-0.46
08/09/2021	8:53:08	78782.75	394730.06	33.78	Soil	10,860	-0.46
08/09/2021	8:53:09	78782.93	394729.92	33.53	Soil	10,140	-0.96
08/09/2021	8:53:11	78781.73	394729.81	33.40	Soil	10,500	-0.71
08/09/2021	8:53:12	78781.92	394729.86	33.21	Soil	11,280	-0.16
08/09/2021	8:53:13	78781.88	394729.62	33.17	Soil	10,740	-0.54
08/09/2021	8:53:14	78781.92	394729.40	33.30	Soil	13,440	1.35
08/09/2021	8:53:15	78782.07	394729.42	33.47	Soil	9,300	-1.55
08/09/2021	8:53:16	78781.97	394729.38	33.71	Soil	10,920	-0.41
08/09/2021	8:53:17	78781.73	394729.34	33.94	Soil	11,280	-0.16
08/09/2021	8:53:18	78781.53	394729.44	34.16	Soil	11,220	-0.20
08/09/2021	8:53:19	78781.41	394729.44	34.18	Soil	10,980	-0.37
08/09/2021	8:53:20	78781.22	394729.75	34.04	Soil	11,880	0.26
08/09/2021	8:53:21	78781.02	394730.21	33.92	Soil	10,920	-0.41
08/09/2021	8:53:22	78781.23	394729.87	34.16	Soil	10,680	-0.58
08/09/2021	8:53:26	78781.22	394729.42	34.53	Soil	9,180	-1.64
08/09/2021	8:53:27	78781.28	394729.67	34.53	Soil	9,600	-1.34
08/09/2021	8:53:28	78781.07	394730.00	34.45	Soil	10,200	-0.92
08/09/2021	8:53:29	78781.03	394730.17	34.25	Soil	10,140	-0.96
08/09/2021	8:53:30	78781.29	394730.03	34.43	Soil	11,100	-0.29
08/09/2021	8:53:31	78781.28	394730.13	34.38	Soil	8,880	-1.85
08/09/2021	8:53:32	78781.07	394730.44	34.17	Soil	11,280	-0.16
08/09/2021	8:53:33	78780.90	394730.13	34.26	Soil	11,340	-0.12
08/09/2021	8:53:34	78781.06	394729.67	34.30	Soil	10,440	-0.75
08/09/2021	8:53:35	78781.13	394729.47	34.45	Soil	11,340	-0.12
08/09/2021	8:53:36	78781.08	394729.45	34.51	Soil	9,420	-1.47
08/09/2021	8:53:37	78781.00	394729.80	34.44	Soil	10,980	-0.37
08/09/2021	8:53:38	78780.92	394730.01	34.30	Soil	9,960	-1.09
08/09/2021	8:53:39	78781.04	394729.89	34.31	Soil	10,320	-0.84

SU 7D GWS RESULTS
(SOIL)

08/09/2021	8:53:40	78781.06	394729.88	34.37	Soil	10,440	-0.75
08/09/2021	8:53:41	78780.89	394729.99	34.50	Soil	10,020	-1.05
08/09/2021	8:53:42	78780.97	394729.59	34.64	Soil	10,920	-0.41
08/09/2021	8:53:44	78780.99	394729.54	34.63	Soil	11,580	0.05
08/09/2021	8:53:45	78780.63	394730.02	34.41	Soil	11,820	0.22
08/09/2021	8:53:46	78780.62	394729.86	34.51	Soil	10,800	-0.50
08/09/2021	8:53:47	78780.91	394729.35	34.61	Soil	9,600	-1.34
08/09/2021	8:53:50	78780.57	394729.59	34.60	Soil	9,720	-1.26
08/09/2021	8:53:51	78780.56	394729.69	34.63	Soil	10,020	-1.05
08/09/2021	8:53:52	78780.51	394730.02	34.68	Soil	11,460	-0.04
08/09/2021	8:53:53	78780.67	394729.90	34.55	Soil	12,300	0.55
08/09/2021	8:53:56	78780.49	394729.58	34.54	Soil	9,780	-1.21
08/09/2021	8:53:57	78780.53	394730.04	34.53	Soil	9,900	-1.13
08/09/2021	8:53:58	78780.65	394729.97	34.63	Soil	11,340	-0.12
08/09/2021	8:53:59	78780.63	394729.42	34.75	Soil	10,860	-0.46
08/09/2021	8:54:01	78780.60	394729.69	34.78	Soil	9,060	-1.72
08/09/2021	8:54:02	78780.69	394729.58	34.72	Soil	11,160	-0.25
08/09/2021	8:54:04	78780.80	394729.45	34.56	Soil	10,140	-0.96
08/09/2021	8:54:05	78780.63	394729.65	34.48	Soil	8,940	-1.80
08/09/2021	8:54:09	78780.71	394729.40	34.42	Soil	10,620	-0.62
08/09/2021	8:54:19	78781.02	394728.09	34.65	Soil	12,120	0.43
08/09/2021	8:54:20	78781.39	394727.81	34.68	Soil	9,720	-1.26
08/09/2021	8:54:21	78781.49	394727.94	34.59	Soil	10,080	-1.00
08/09/2021	8:54:23	78781.22	394727.90	34.64	Soil	10,500	-0.71
08/09/2021	8:54:24	78781.32	394727.61	34.51	Soil	10,560	-0.67
08/09/2021	8:54:25	78781.28	394728.10	34.54	Soil	11,040	-0.33
08/09/2021	8:54:26	78781.26	394727.85	34.59	Soil	10,260	-0.88
08/09/2021	8:54:27	78781.44	394727.37	34.64	Soil	11,760	0.18
08/09/2021	8:54:28	78781.46	394727.75	34.52	Soil	10,680	-0.58
08/09/2021	8:54:30	78781.21	394728.20	34.54	Soil	10,800	-0.50
08/09/2021	8:54:31	78781.18	394728.13	34.50	Soil	11,520	0.01
08/09/2021	8:54:32	78781.39	394727.68	34.68	Soil	8,760	-1.93
08/09/2021	8:54:33	78781.53	394727.39	34.69	Soil	10,140	-0.96
08/09/2021	8:54:34	78781.45	394727.74	34.73	Soil	10,380	-0.79
08/09/2021	8:54:36	78781.64	394727.99	34.72	Soil	10,080	-1.00
08/09/2021	8:54:38	78781.64	394727.75	34.60	Soil	10,440	-0.75
08/09/2021	8:54:39	78781.61	394727.91	34.63	Soil	10,920	-0.41
08/09/2021	8:54:44	78782.20	394728.36	34.73	Soil	11,040	-0.33
08/09/2021	8:54:45	78782.44	394728.39	34.26	Soil	8,760	-1.93
08/09/2021	8:54:46	78782.61	394728.39	34.19	Soil	10,800	-0.50
08/09/2021	8:54:47	78782.80	394728.30	34.25	Soil	10,320	-0.84
08/09/2021	8:54:51	78782.82	394728.26	34.07	Soil	10,920	-0.41
08/09/2021	8:54:54	78782.69	394728.25	34.07	Soil	12,240	0.51
08/09/2021	8:54:55	78782.77	394728.22	34.14	Soil	12,000	0.34
08/09/2021	8:54:59	78782.57	394728.23	34.12	Soil	11,160	-0.25
08/09/2021	8:55:00	78782.69	394728.22	34.15	Soil	10,080	-1.00
08/09/2021	8:55:02	78782.66	394728.15	34.48	Soil	11,760	0.18
08/09/2021	8:55:03	78782.47	394728.36	34.49	Soil	10,080	-1.00
08/09/2021	8:55:06	78782.31	394728.24	34.45	Soil	9,420	-1.47
08/09/2021	8:55:12	78782.42	394728.33	34.46	Soil	10,260	-0.88
08/09/2021	8:55:13	78782.48	394728.23	34.45	Soil	11,220	-0.20

SU 7D GWS RESULTS
(SOIL)

08/09/2021	8:55:30	78781.72	394727.95	35.50	Soil	10,560	-0.67
08/09/2021	8:55:35	78781.69	394727.93	35.63	Soil	11,220	-0.20
08/09/2021	8:55:37	78781.60	394727.98	35.66	Soil	10,620	-0.62
08/09/2021	8:55:40	78781.59	394727.59	35.87	Soil	7,320	-2.94
08/09/2021	8:55:41	78781.27	394728.11	35.95	Soil	10,320	-0.84
08/09/2021	8:55:43	78781.55	394728.01	36.09	Soil	9,840	-1.17
08/09/2021	8:55:44	78781.62	394727.74	36.15	Soil	9,840	-1.17
08/09/2021	8:55:47	78781.46	394728.04	36.43	Soil	9,660	-1.30
08/09/2021	8:55:48	78781.16	394727.76	36.45	Soil	10,260	-0.88
08/09/2021	8:55:51	78781.25	394727.75	36.61	Soil	9,480	-1.42
08/09/2021	8:55:52	78781.14	394727.94	36.51	Soil	10,620	-0.62
08/09/2021	8:55:57	78780.79	394728.04	36.57	Soil	10,740	-0.54
08/09/2021	8:55:58	78780.89	394727.72	36.57	Soil	10,740	-0.54
08/09/2021	8:55:59	78780.72	394727.77	36.52	Soil	9,960	-1.09
08/09/2021	8:56:02	78780.83	394727.72	36.82	Soil	9,180	-1.64
08/09/2021	8:56:09	78780.74	394727.50	36.58	Soil	10,560	-0.67
08/09/2021	8:56:10	78780.80	394727.14	36.46	Soil	11,520	0.01
08/09/2021	8:56:14	78780.72	394727.22	36.68	Soil	11,160	-0.25
08/09/2021	8:56:18	78780.65	394727.11	36.71	Soil	10,920	-0.41
08/09/2021	8:56:19	78780.58	394727.16	36.66	Soil	11,580	0.05
08/09/2021	8:56:23	78780.41	394727.32	36.73	Soil	10,320	-0.84
08/09/2021	8:56:32	78780.16	394727.12	36.60	Soil	10,500	-0.71
08/09/2021	8:56:36	78780.00	394727.08	36.71	Soil	11,520	0.01
08/09/2021	8:56:49	78779.50	394727.18	36.55	Soil	10,260	-0.88
08/09/2021	8:56:50	78779.58	394727.22	36.60	Soil	10,980	-0.37
08/09/2021	8:56:53	78779.39	394727.08	36.49	Soil	10,980	-0.37
08/09/2021	8:56:54	78779.37	394726.78	36.48	Soil	11,400	-0.08
08/09/2021	8:56:55	78779.25	394727.10	36.45	Soil	11,040	-0.33
08/09/2021	8:56:57	78779.21	394726.96	36.66	Soil	12,060	0.39
08/09/2021	8:56:58	78779.28	394726.82	36.58	Soil	12,780	0.89
08/09/2021	8:56:59	78779.13	394727.04	36.51	Soil	10,260	-0.88
08/09/2021	8:57:00	78779.11	394727.01	36.52	Soil	11,580	0.05
08/09/2021	8:57:01	78779.31	394726.94	36.53	Soil	11,820	0.22
08/09/2021	8:57:02	78779.23	394726.82	36.62	Soil	11,280	-0.16
08/09/2021	8:57:03	78778.91	394727.00	36.55	Soil	12,120	0.43
08/09/2021	8:57:06	78778.80	394727.03	36.74	Soil	13,080	1.10
08/09/2021	8:57:07	78778.79	394726.74	36.69	Soil	11,400	-0.08
08/09/2021	8:57:08	78778.56	394727.17	36.58	Soil	10,860	-0.46
08/09/2021	8:57:11	78778.72	394727.34	36.59	Soil	11,400	-0.08
08/09/2021	8:57:14	78778.54	394727.12	36.58	Soil	10,740	-0.54
08/09/2021	8:57:15	78778.54	394727.10	36.57	Soil	11,160	-0.25
08/09/2021	8:57:17	78778.56	394727.17	36.64	Soil	11,880	0.26
08/09/2021	8:57:18	78778.57	394726.86	36.67	Soil	12,060	0.39
08/09/2021	8:57:19	78778.41	394726.87	36.63	Soil	11,520	0.01
08/09/2021	8:57:20	78778.45	394726.74	36.83	Soil	10,800	-0.50
08/09/2021	8:57:21	78778.47	394726.48	36.77	Soil	10,440	-0.75
08/09/2021	8:57:22	78778.38	394726.45	36.70	Soil	11,280	-0.16
08/09/2021	8:57:23	78778.32	394726.65	36.87	Soil	12,000	0.34
08/09/2021	8:57:24	78778.47	394726.81	36.74	Soil	12,540	0.72
08/09/2021	8:57:25	78778.46	394726.84	36.84	Soil	12,060	0.39
08/09/2021	8:57:26	78778.40	394726.91	36.81	Soil	10,320	-0.84

SU 7D GWS RESULTS
(SOIL)

08/09/2021	8:57:27	78778.55	394727.07	36.59	Soil	12,660	0.81
08/09/2021	8:57:28	78778.46	394727.08	36.66	Soil	10,620	-0.62
08/09/2021	8:57:32	78778.24	394726.66	36.83	Soil	11,760	0.18
08/09/2021	8:57:33	78778.19	394726.75	36.81	Soil	10,560	-0.67
08/09/2021	8:57:36	78778.19	394727.04	36.82	Soil	10,920	-0.41
08/09/2021	8:57:37	78778.43	394727.08	36.68	Soil	11,580	0.05
08/09/2021	8:57:39	78778.22	394726.69	37.01	Soil	11,100	-0.29
08/09/2021	8:57:40	78778.53	394726.35	36.97	Soil	11,040	-0.33
08/09/2021	8:57:41	78778.39	394726.46	36.91	Soil	11,940	0.30
08/09/2021	8:57:43	78778.20	394726.57	36.95	Soil	10,980	-0.37
08/09/2021	8:57:44	78778.27	394726.51	36.94	Soil	10,980	-0.37
08/09/2021	8:57:47	78778.33	394726.31	36.99	Soil	12,900	0.98
08/09/2021	8:57:48	78778.38	394726.21	36.73	Soil	13,920	1.69
08/09/2021	8:57:49	78778.33	394726.31	36.66	Soil	11,940	0.30
08/09/2021	8:57:50	78778.26	394726.44	36.71	Soil	11,580	0.05
08/09/2021	8:57:51	78778.20	394726.44	36.79	Soil	11,940	0.30
08/09/2021	8:57:53	78778.23	394726.53	36.92	Soil	10,020	-1.05
08/09/2021	8:57:54	78778.36	394726.43	36.88	Soil	10,560	-0.67
08/09/2021	8:57:55	78778.51	394725.90	36.98	Soil	11,100	-0.29
08/09/2021	8:57:56	78778.49	394725.79	36.81	Soil	10,860	-0.46
08/09/2021	8:57:57	78778.43	394726.32	36.84	Soil	11,940	0.30
08/09/2021	8:57:58	78778.31	394726.66	36.86	Soil	11,940	0.30
08/09/2021	8:57:59	78778.46	394726.22	36.97	Soil	11,340	-0.12
08/09/2021	8:58:00	78778.77	394725.80	36.87	Soil	10,800	-0.50
08/09/2021	8:58:01	78778.69	394726.09	36.75	Soil	12,360	0.60
08/09/2021	8:58:02	78778.45	394726.43	36.82	Soil	12,240	0.51
08/09/2021	8:58:03	78778.54	394726.06	36.89	Soil	13,140	1.14
08/09/2021	8:58:04	78778.71	394725.77	36.91	Soil	11,940	0.30
08/09/2021	8:58:05	78778.58	394726.16	36.79	Soil	13,440	1.35
08/09/2021	8:58:06	78778.52	394726.31	36.77	Soil	11,280	-0.16
08/09/2021	8:58:07	78778.70	394725.95	36.99	Soil	12,180	0.47
08/09/2021	8:58:08	78778.65	394725.80	36.97	Soil	12,660	0.81
08/09/2021	8:58:09	78778.43	394726.32	36.99	Soil	10,320	-0.84
08/09/2021	8:58:10	78778.36	394726.66	36.97	Soil	10,980	-0.37
08/09/2021	8:58:11	78778.56	394726.44	36.92	Soil	13,020	1.06
08/09/2021	8:58:12	78778.73	394725.98	37.03	Soil	11,820	0.22
08/09/2021	8:58:13	78778.69	394725.96	36.88	Soil	12,420	0.64
08/09/2021	8:58:14	78778.69	394725.96	36.82	Soil	11,580	0.05
08/09/2021	8:58:15	78778.68	394725.70	37.03	Soil	12,000	0.34
08/09/2021	8:58:16	78778.77	394725.50	36.96	Soil	11,220	-0.20
08/09/2021	8:58:17	78778.86	394725.72	36.77	Soil	12,900	0.98
08/09/2021	8:58:18	78778.71	394726.28	36.70	Soil	12,120	0.43
08/09/2021	8:58:19	78778.77	394726.19	36.57	Soil	12,840	0.93
08/09/2021	8:58:20	78779.12	394725.51	36.46	Soil	10,620	-0.62
08/09/2021	8:58:21	78779.12	394725.62	36.32	Soil	13,680	1.52
08/09/2021	8:58:22	78778.90	394726.31	36.29	Soil	11,160	-0.25
08/09/2021	8:58:23	78779.02	394726.36	36.11	Soil	12,900	0.98
08/09/2021	8:58:24	78779.35	394725.70	36.16	Soil	12,120	0.43
08/09/2021	8:58:25	78779.32	394725.80	35.97	Soil	10,680	-0.58
08/09/2021	8:58:26	78779.08	394726.41	35.92	Soil	13,620	1.48
08/09/2021	8:58:27	78779.01	394726.41	35.91	Soil	9,900	-1.13

SU 7D GWS RESULTS
(SOIL)

08/09/2021	8:58:28	78779.18	394726.38	36.03	Soil	12,660	0.81
08/09/2021	8:58:29	78779.29	394726.68	35.92	Soil	12,060	0.39
08/09/2021	8:58:30	78779.20	394726.54	35.76	Soil	9,900	-1.13
08/09/2021	8:58:31	78779.37	394726.11	35.84	Soil	11,820	0.22
08/09/2021	8:58:32	78779.76	394725.96	35.73	Soil	13,260	1.23
08/09/2021	8:58:33	78779.58	394726.20	35.63	Soil	15,540	2.83
08/09/2021	8:58:34	78779.40	394726.45	35.67	Soil	10,380	-0.79
08/09/2021	8:58:35	78779.65	394726.27	35.52	Soil	13,020	1.06
08/09/2021	8:58:36	78779.72	394725.88	35.50	Soil	11,820	0.22
08/09/2021	8:58:37	78779.48	394726.05	35.52	Soil	12,360	0.60
08/09/2021	8:58:38	78779.38	394726.45	35.54	Soil	13,560	1.44
08/09/2021	8:58:39	78779.33	394726.74	35.54	Soil	11,760	0.18
08/09/2021	8:58:40	78779.50	394726.53	35.63	Soil	11,460	-0.04
08/09/2021	8:58:41	78779.73	394726.17	35.48	Soil	12,660	0.81
08/09/2021	8:58:42	78779.73	394726.43	35.44	Soil	12,000	0.34
08/09/2021	8:58:43	78779.53	394726.94	35.32	Soil	12,180	0.47
08/09/2021	8:58:44	78779.46	394726.85	35.31	Soil	10,800	-0.50
08/09/2021	8:58:45	78779.61	394726.43	35.47	Soil	10,440	-0.75
08/09/2021	8:58:46	78779.69	394726.22	35.43	Soil	13,020	1.06
08/09/2021	8:58:47	78779.63	394726.61	35.38	Soil	13,200	1.19
08/09/2021	8:58:48	78779.71	394726.94	35.40	Soil	11,160	-0.25
08/09/2021	8:58:49	78779.90	394726.39	35.38	Soil	11,640	0.09
08/09/2021	8:58:50	78779.80	394725.85	35.45	Soil	13,260	1.23
08/09/2021	8:58:51	78779.69	394726.23	35.34	Soil	13,560	1.44
08/09/2021	8:58:52	78779.90	394726.74	35.07	Soil	11,940	0.30
08/09/2021	8:58:53	78780.08	394726.53	35.12	Soil	10,500	-0.71
08/09/2021	8:58:54	78780.11	394726.16	35.22	Soil	11,460	-0.04
08/09/2021	8:58:55	78780.05	394725.93	35.16	Soil	10,560	-0.67
08/09/2021	8:58:56	78779.91	394726.13	35.28	Soil	10,500	-0.71
08/09/2021	8:58:57	78779.82	394726.56	35.40	Soil	11,400	-0.08
08/09/2021	8:58:58	78779.85	394726.69	35.46	Soil	11,100	-0.29
08/09/2021	8:58:59	78779.89	394726.39	35.42	Soil	11,280	-0.16
08/09/2021	8:59:00	78780.18	394726.18	35.40	Soil	10,500	-0.71
08/09/2021	8:59:01	78780.39	394726.30	35.36	Soil	12,960	1.02
08/09/2021	8:59:02	78780.15	394726.56	35.36	Soil	11,940	0.30
08/09/2021	8:59:03	78780.08	394726.91	35.33	Soil	12,240	0.51
08/09/2021	8:59:04	78780.19	394726.90	35.23	Soil	9,960	-1.09
08/09/2021	8:59:05	78780.34	394726.50	35.16	Soil	9,780	-1.21
08/09/2021	8:59:06	78780.50	394726.21	35.08	Soil	10,380	-0.79
08/09/2021	8:59:07	78780.24	394726.22	35.18	Soil	10,140	-0.96
08/09/2021	8:59:08	78779.97	394726.49	35.24	Soil	11,760	0.18
08/09/2021	8:59:09	78780.02	394726.79	35.08	Soil	10,440	-0.75
08/09/2021	8:59:10	78780.27	394726.59	35.04	Soil	10,920	-0.41
08/09/2021	8:59:11	78780.52	394726.00	35.06	Soil	11,520	0.01
08/09/2021	8:59:12	78780.17	394725.95	35.21	Soil	10,260	-0.88
08/09/2021	8:59:13	78780.00	394726.32	35.26	Soil	13,140	1.14
08/09/2021	8:59:14	78780.49	394726.47	34.97	Soil	11,100	-0.29
08/09/2021	8:59:15	78780.71	394726.31	34.94	Soil	11,160	-0.25
08/09/2021	8:59:16	78780.47	394726.34	35.02	Soil	11,940	0.30
08/09/2021	8:59:17	78780.48	394726.50	34.96	Soil	11,160	-0.25
08/09/2021	8:59:18	78780.58	394726.70	35.05	Soil	10,800	-0.50

SU 7D GWS RESULTS
(SOIL)

08/09/2021	8:59:19	78780.39	394726.90	35.05	Soil	11,040	-0.33
08/09/2021	8:59:20	78780.32	394726.61	35.05	Soil	10,440	-0.75
08/09/2021	8:59:21	78780.53	394726.11	35.01	Soil	13,020	1.06
08/09/2021	8:59:22	78780.67	394725.85	34.99	Soil	12,060	0.39
08/09/2021	8:59:23	78780.56	394726.02	35.00	Soil	9,720	-1.26
08/09/2021	8:59:24	78780.71	394726.05	35.06	Soil	11,460	-0.04
08/09/2021	8:59:25	78780.83	394726.07	35.05	Soil	10,860	-0.46
08/09/2021	8:59:26	78780.49	394726.30	35.26	Soil	9,420	-1.47
08/09/2021	8:59:27	78780.37	394726.43	35.21	Soil	9,720	-1.26
08/09/2021	8:59:28	78780.75	394726.33	34.95	Soil	12,420	0.64
08/09/2021	8:59:29	78780.83	394726.32	34.94	Soil	11,280	-0.16
08/09/2021	8:59:30	78780.57	394726.45	35.05	Soil	10,440	-0.75
08/09/2021	8:59:31	78780.40	394726.77	35.17	Soil	10,800	-0.50
08/09/2021	8:59:32	78780.35	394727.15	35.20	Soil	10,860	-0.46
08/09/2021	8:59:33	78780.52	394727.19	35.18	Soil	9,360	-1.51
08/09/2021	8:59:34	78780.85	394726.68	35.12	Soil	11,640	0.09
08/09/2021	8:59:35	78780.81	394726.40	35.17	Soil	10,980	-0.37
08/09/2021	8:59:36	78780.50	394726.84	35.33	Soil	12,720	0.85
08/09/2021	8:59:37	78780.38	394726.97	35.26	Soil	10,500	-0.71
08/09/2021	8:59:38	78780.54	394726.51	35.36	Soil	9,780	-1.21
08/09/2021	8:59:39	78780.52	394726.59	35.35	Soil	10,440	-0.75
08/09/2021	8:59:40	78780.46	394727.08	35.31	Soil	9,960	-1.09
08/09/2021	8:59:41	78780.71	394726.91	35.16	Soil	10,920	-0.41
08/09/2021	8:59:42	78780.87	394726.38	35.10	Soil	12,420	0.64
08/09/2021	8:59:43	78780.76	394726.41	35.20	Soil	10,380	-0.79
08/09/2021	8:59:44	78780.69	394726.65	35.28	Soil	11,940	0.30
08/09/2021	8:59:45	78780.71	394726.48	35.42	Soil	11,340	-0.12
08/09/2021	8:59:46	78780.89	394726.19	35.34	Soil	10,560	-0.67
08/09/2021	8:59:47	78781.03	394726.30	35.17	Soil	10,800	-0.50
08/09/2021	8:59:48	78780.87	394726.59	35.26	Soil	11,520	0.01
08/09/2021	8:59:49	78780.92	394726.77	35.11	Soil	11,220	-0.20
08/09/2021	8:59:50	78781.08	394727.03	35.19	Soil	12,420	0.64
08/09/2021	8:59:51	78781.01	394727.33	35.13	Soil	11,640	0.09
08/09/2021	8:59:52	78781.07	394727.09	35.14	Soil	10,080	-1.00
08/09/2021	8:59:53	78781.32	394726.55	35.26	Soil	9,840	-1.17
08/09/2021	8:59:54	78781.44	394726.34	35.28	Soil	11,100	-0.29
08/09/2021	8:59:55	78781.25	394726.85	35.24	Soil	11,460	-0.04
08/09/2021	8:59:56	78781.13	394727.30	35.22	Soil	10,800	-0.50
08/09/2021	8:59:57	78781.35	394727.06	35.31	Soil	11,460	-0.04
08/09/2021	8:59:58	78781.61	394726.52	35.35	Soil	10,080	-1.00
08/09/2021	8:59:59	78781.52	394726.61	35.28	Soil	11,880	0.26
08/09/2021	9:00:00	78781.28	394727.25	35.32	Soil	10,740	-0.54
08/09/2021	9:00:01	78781.24	394727.46	35.34	Soil	10,560	-0.67
08/09/2021	9:00:02	78781.29	394727.42	35.31	Soil	10,740	-0.54
08/09/2021	9:00:03	78781.21	394727.59	35.38	Soil	11,940	0.30
08/09/2021	9:00:04	78781.37	394727.60	35.32	Soil	9,300	-1.55
08/09/2021	9:00:05	78781.78	394727.24	35.38	Soil	11,280	-0.16
08/09/2021	9:00:06	78781.79	394726.86	35.43	Soil	12,000	0.34
08/09/2021	9:00:07	78781.54	394726.67	35.50	Soil	10,200	-0.92
08/09/2021	9:00:08	78781.69	394726.76	35.59	Soil	11,580	0.05
08/09/2021	9:00:09	78781.96	394727.00	35.39	Soil	10,800	-0.50

SU 7D GWS RESULTS
(SOIL)

08/09/2021	9:00:10	78781.99	394726.83	35.55	Soil	9,720	-1.26
08/09/2021	9:00:11	78781.87	394726.54	35.53	Soil	10,920	-0.41
08/09/2021	9:00:12	78781.82	394726.90	35.42	Soil	9,600	-1.34
08/09/2021	9:00:14	78781.98	394727.32	35.32	Soil	10,320	-0.84
08/09/2021	9:00:15	78782.09	394726.84	35.44	Soil	10,980	-0.37
08/09/2021	9:00:16	78782.20	394727.08	35.37	Soil	9,840	-1.17
08/09/2021	9:00:19	78782.35	394727.27	35.28	Soil	10,980	-0.37
08/09/2021	9:00:20	78782.47	394727.03	35.42	Soil	10,620	-0.62
08/09/2021	9:00:21	78782.20	394726.87	35.49	Soil	11,220	-0.20
08/09/2021	9:00:22	78782.27	394726.94	35.49	Soil	11,040	-0.33
08/09/2021	9:00:23	78782.54	394727.06	35.29	Soil	10,380	-0.79
08/09/2021	9:00:24	78782.30	394727.23	35.57	Soil	11,460	-0.04
08/09/2021	9:00:25	78782.07	394727.21	35.51	Soil	9,360	-1.51
08/09/2021	9:00:26	78782.48	394727.04	35.42	Soil	9,720	-1.26
08/09/2021	9:00:28	78782.68	394727.09	35.34	Soil	12,360	0.60
08/09/2021	9:00:29	78782.44	394727.28	35.14	Soil	9,060	-1.72
08/09/2021	9:00:30	78782.74	394727.22	35.06	Soil	9,660	-1.30
08/09/2021	9:00:31	78783.08	394727.12	34.93	Soil	10,560	-0.67
08/09/2021	9:00:32	78782.93	394727.23	34.89	Soil	11,220	-0.20
08/09/2021	9:00:33	78782.73	394727.32	34.97	Soil	9,960	-1.09
08/09/2021	9:00:34	78783.00	394727.18	34.97	Soil	10,860	-0.46
08/09/2021	9:00:35	78783.02	394727.09	34.99	Soil	10,080	-1.00
08/09/2021	9:00:36	78782.74	394727.27	34.98	Soil	10,740	-0.54
08/09/2021	9:00:37	78782.88	394727.51	34.75	Soil	11,280	-0.16
08/09/2021	9:00:51	78783.30	394727.35	34.95	Soil	10,920	-0.41
08/09/2021	9:00:52	78783.16	394727.29	34.93	Soil	11,580	0.05
08/09/2021	9:00:53	78783.12	394727.42	35.04	Soil	11,700	0.13
08/09/2021	9:00:54	78783.08	394727.57	34.96	Soil	10,200	-0.92
08/09/2021	9:01:11	78782.86	394727.48	34.57	Soil	10,020	-1.05
08/09/2021	9:01:12	78783.12	394727.46	34.55	Soil	10,860	-0.46
08/09/2021	9:01:13	78783.35	394727.46	34.52	Soil	11,220	-0.20
08/09/2021	9:01:14	78783.20	394727.53	34.56	Soil	11,340	-0.12
08/09/2021	9:01:20	78782.76	394728.22	34.35	Soil	11,100	-0.29
08/09/2021	9:01:24	78782.69	394728.39	34.42	Soil	10,620	-0.62
08/09/2021	9:01:41	78783.83	394728.40	35.43	Soil	9,780	-1.21
08/09/2021	9:01:42	78783.87	394728.40	35.49	Soil	8,700	-1.97
08/09/2021	9:01:44	78783.06	394728.59	36.35	Soil	11,280	-0.16
08/09/2021	9:02:32	78783.46	394730.47	33.68	Soil	10,500	-0.71
08/09/2021	9:02:46	78783.71	394730.80	33.47	Soil	8,460	-2.14
08/09/2021	9:02:49	78783.99	394730.92	33.42	Soil	9,300	-1.55
08/09/2021	9:02:50	78783.76	394730.85	33.17	Soil	9,840	-1.17
08/09/2021	9:02:51	78783.64	394730.58	33.42	Soil	11,640	0.09
08/09/2021	9:02:53	78783.38	394730.66	33.47	Soil	10,320	-0.84
08/09/2021	9:02:55	78783.50	394730.78	33.24	Soil	9,600	-1.34
08/09/2021	9:02:57	78783.34	394730.70	33.20	Soil	10,200	-0.92
08/09/2021	9:02:58	78783.27	394730.96	33.18	Soil	10,320	-0.84
08/09/2021	9:02:59	78783.40	394730.70	33.23	Soil	9,960	-1.09
08/09/2021	9:03:00	78783.32	394730.69	33.23	Soil	10,140	-0.96
08/09/2021	9:03:01	78783.09	394730.75	33.21	Soil	10,500	-0.71
08/09/2021	9:03:09	78783.46	394730.48	33.31	Soil	11,580	0.05
08/09/2021	9:03:12	78783.27	394730.61	33.43	Soil	9,600	-1.34

SU 7D GWS RESULTS
(SOIL)

08/09/2021	9:03:18	78782.86	394730.84	33.55	Soil	10,440	-0.75
08/09/2021	9:03:19	78783.08	394730.82	33.60	Soil	11,340	-0.12
08/09/2021	9:03:21	78783.29	394730.67	33.46	Soil	10,200	-0.92
08/09/2021	9:03:23	78783.02	394730.71	33.54	Soil	10,860	-0.46
08/09/2021	9:03:24	78783.10	394730.75	33.58	Soil	11,340	-0.12
08/09/2021	9:03:26	78783.10	394730.72	33.88	Soil	9,660	-1.30
08/09/2021	9:03:28	78783.22	394730.65	34.02	Soil	10,620	-0.62
08/09/2021	9:03:29	78783.24	394730.83	34.00	Soil	9,720	-1.26
08/09/2021	9:04:12	78782.99	394728.79	34.71	Soil	11,580	0.05
08/09/2021	9:04:16	78783.00	394728.97	34.61	Soil	11,520	0.01
08/09/2021	9:04:19	78782.86	394728.97	34.65	Soil	10,500	-0.71
08/09/2021	9:04:23	78782.71	394728.74	34.61	Soil	12,600	0.76
08/09/2021	9:04:24	78782.70	394728.89	34.50	Soil	11,760	0.18
08/09/2021	9:04:27	78782.79	394728.85	34.63	Soil	11,760	0.18
08/09/2021	9:04:28	78782.65	394728.89	34.51	Soil	10,260	-0.88
08/09/2021	9:04:29	78782.53	394728.96	34.83	Soil	10,200	-0.92
08/09/2021	9:04:30	78782.74	394728.66	34.90	Soil	9,960	-1.09
08/09/2021	9:04:33	78782.68	394728.53	34.71	Soil	12,660	0.81
08/09/2021	9:04:34	78782.55	394728.48	34.64	Soil	11,160	-0.25
08/09/2021	9:04:35	78782.46	394728.39	34.56	Soil	12,060	0.39
08/09/2021	9:04:36	78782.51	394728.45	34.62	Soil	11,640	0.09
08/09/2021	9:04:37	78782.57	394728.55	34.89	Soil	12,480	0.68
08/09/2021	9:04:38	78782.49	394728.82	35.00	Soil	10,020	-1.05
08/09/2021	9:04:39	78782.27	394728.96	35.14	Soil	10,920	-0.41
08/09/2021	9:04:40	78782.28	394728.86	35.09	Soil	9,900	-1.13
08/09/2021	9:04:41	78782.47	394728.78	35.09	Soil	11,460	-0.04
08/09/2021	9:04:42	78782.47	394728.73	35.20	Soil	11,160	-0.25
08/09/2021	9:04:43	78782.39	394728.61	35.19	Soil	10,740	-0.54
08/09/2021	9:04:44	78782.50	394728.47	35.25	Soil	9,720	-1.26
08/09/2021	9:04:45	78782.54	394728.48	35.21	Soil	10,320	-0.84
08/09/2021	9:04:46	78782.41	394728.51	35.04	Soil	9,600	-1.34
08/09/2021	9:04:47	78782.42	394728.50	34.89	Soil	11,220	-0.20
08/09/2021	9:04:48	78782.44	394728.61	34.92	Soil	12,240	0.51
08/09/2021	9:04:49	78782.30	394728.65	34.94	Soil	12,180	0.47
08/09/2021	9:04:51	78782.23	394728.72	35.00	Soil	10,800	-0.50
08/09/2021	9:04:52	78782.31	394728.70	35.04	Soil	11,580	0.05
08/09/2021	9:04:53	78782.27	394728.67	35.07	Soil	12,480	0.68
08/09/2021	9:04:54	78782.24	394728.53	35.06	Soil	12,900	0.98
08/09/2021	9:04:55	78782.35	394728.37	35.09	Soil	11,760	0.18
08/09/2021	9:04:56	78782.33	394728.48	35.12	Soil	11,040	-0.33
08/09/2021	9:04:57	78782.34	394728.34	35.32	Soil	11,460	-0.04
08/09/2021	9:05:01	78782.81	394727.55	35.61	Soil	11,520	0.01
08/09/2021	9:05:02	78782.94	394727.35	35.68	Soil	13,320	1.27
08/09/2021	9:05:03	78782.81	394727.55	35.74	Soil	11,520	0.01
08/09/2021	9:05:04	78782.99	394727.33	35.69	Soil	10,320	-0.84
08/09/2021	9:05:05	78783.18	394727.19	35.55	Soil	12,720	0.85
08/09/2021	9:05:06	78782.88	394727.51	35.47	Soil	12,540	0.72
08/09/2021	9:05:08	78783.06	394727.56	35.52	Soil	12,540	0.72
08/09/2021	9:05:09	78783.04	394727.45	35.65	Soil	11,280	-0.16
08/09/2021	9:05:12	78782.88	394727.56	35.75	Soil	10,860	-0.46
08/09/2021	9:05:13	78783.26	394727.12	35.76	Soil	11,580	0.05

SU 7D GWS RESULTS
(SOIL)

08/09/2021	9:05:14	78783.00	394727.09	35.84	Soil	11,940	0.30
08/09/2021	9:05:15	78782.89	394727.33	35.85	Soil	9,360	-1.51
08/09/2021	9:05:16	78783.27	394727.03	35.88	Soil	11,100	-0.29
08/09/2021	9:05:21	78783.17	394727.15	35.75	Soil	12,360	0.60
08/09/2021	9:05:22	78783.16	394727.29	35.79	Soil	10,980	-0.37
08/09/2021	9:05:45	78783.83	394725.91	35.67	Soil	11,580	0.05
08/09/2021	9:07:00	78782.75	394726.78	36.61	Soil	11,160	-0.25
08/09/2021	9:07:03	78782.80	394726.47	36.59	Soil	12,180	0.47
08/09/2021	9:07:04	78782.48	394726.84	36.51	Soil	11,220	-0.20
08/09/2021	9:07:05	78782.70	394726.59	36.57	Soil	11,580	0.05
08/09/2021	9:07:09	78782.64	394727.05	36.37	Soil	11,280	-0.16
08/09/2021	9:07:10	78782.55	394726.90	36.51	Soil	10,620	-0.62
08/09/2021	9:07:11	78782.55	394726.75	36.50	Soil	10,560	-0.67
08/09/2021	9:07:12	78782.68	394726.44	36.57	Soil	10,380	-0.79
08/09/2021	9:07:14	78782.73	394726.11	36.52	Soil	12,360	0.60
08/09/2021	9:07:15	78782.59	394726.34	36.52	Soil	12,900	0.98
08/09/2021	9:07:16	78782.76	394726.31	36.54	Soil	11,640	0.09
08/09/2021	9:07:19	78782.67	394725.99	36.50	Soil	11,220	-0.20
08/09/2021	9:07:23	78782.75	394726.15	36.39	Soil	9,120	-1.68
08/09/2021	9:07:24	78782.60	394726.47	36.40	Soil	11,580	0.05
08/09/2021	9:07:25	78782.61	394726.63	36.41	Soil	9,840	-1.17
08/09/2021	9:07:28	78782.42	394726.41	36.43	Soil	10,740	-0.54
08/09/2021	9:07:29	78782.29	394726.69	36.50	Soil	12,000	0.34
08/09/2021	9:07:30	78782.53	394726.32	36.59	Soil	12,180	0.47
08/09/2021	9:07:31	78782.69	394726.11	36.45	Soil	10,320	-0.84
08/09/2021	9:07:32	78782.61	394726.25	36.50	Soil	11,100	-0.29
08/09/2021	9:07:33	78782.51	394726.37	36.49	Soil	10,680	-0.58
08/09/2021	9:07:34	78782.41	394726.69	36.51	Soil	10,260	-0.88
08/09/2021	9:07:35	78782.42	394726.58	36.60	Soil	10,320	-0.84
08/09/2021	9:07:36	78782.50	394726.17	36.55	Soil	11,040	-0.33
08/09/2021	9:07:37	78782.57	394726.24	36.41	Soil	10,500	-0.71
08/09/2021	9:07:38	78782.34	394726.64	36.48	Soil	11,580	0.05
08/09/2021	9:07:39	78782.32	394726.75	36.53	Soil	10,560	-0.67
08/09/2021	9:07:40	78782.36	394726.32	36.56	Soil	10,140	-0.96
08/09/2021	9:07:41	78782.39	394726.03	36.45	Soil	11,940	0.30
08/09/2021	9:07:42	78782.27	394726.44	36.47	Soil	12,360	0.60
08/09/2021	9:07:43	78782.21	394726.33	36.44	Soil	12,240	0.51
08/09/2021	9:07:45	78782.43	394725.96	36.19	Soil	10,620	-0.62
08/09/2021	9:07:46	78782.33	394726.48	36.31	Soil	9,720	-1.26
08/09/2021	9:07:47	78782.18	394726.73	36.36	Soil	11,100	-0.29
08/09/2021	9:07:48	78782.28	394726.26	36.39	Soil	11,100	-0.29
08/09/2021	9:07:50	78782.05	394726.58	36.53	Soil	10,560	-0.67
08/09/2021	9:07:51	78782.02	394727.00	36.44	Soil	10,620	-0.62
08/09/2021	9:07:52	78782.17	394726.40	36.38	Soil	11,100	-0.29
08/09/2021	9:07:53	78782.21	394726.11	36.22	Soil	12,000	0.34
08/09/2021	9:07:54	78782.02	394726.47	36.32	Soil	13,140	1.14
08/09/2021	9:07:55	78781.91	394726.40	36.37	Soil	8,880	-1.85
08/09/2021	9:07:56	78782.06	394726.04	36.36	Soil	10,860	-0.46
08/09/2021	9:07:57	78782.12	394725.97	36.37	Soil	11,520	0.01
08/09/2021	9:07:58	78782.11	394725.86	36.38	Soil	9,120	-1.68
08/09/2021	9:07:59	78781.99	394725.81	36.29	Soil	11,700	0.13

SU 7D GWS RESULTS
(SOIL)

08/09/2021	9:08:00	78781.85	394726.11	36.28	Soil	11,160	-0.25
08/09/2021	9:08:01	78781.96	394726.59	36.66	Soil	9,840	-1.17
08/09/2021	9:08:02	78781.84	394726.69	36.75	Soil	11,340	-0.12
08/09/2021	9:08:03	78781.66	394726.86	36.76	Soil	11,160	-0.25
08/09/2021	9:08:04	78781.71	394726.34	36.71	Soil	11,520	0.01
08/09/2021	9:08:05	78781.84	394725.99	36.81	Soil	10,920	-0.41
08/09/2021	9:08:06	78781.86	394726.23	36.88	Soil	11,520	0.01
08/09/2021	9:08:07	78781.56	394726.58	36.84	Soil	11,820	0.22
08/09/2021	9:08:08	78781.53	394726.55	36.98	Soil	10,920	-0.41
08/09/2021	9:08:09	78781.68	394726.20	36.95	Soil	11,520	0.01
08/09/2021	9:08:10	78781.69	394725.94	36.96	Soil	10,620	-0.62
08/09/2021	9:08:11	78781.52	394726.04	37.01	Soil	10,260	-0.88
08/09/2021	9:08:12	78781.46	394726.30	36.97	Soil	10,440	-0.75
08/09/2021	9:08:13	78781.54	394726.37	37.01	Soil	11,220	-0.20
08/09/2021	9:08:14	78781.45	394726.44	37.00	Soil	11,940	0.30
08/09/2021	9:08:15	78781.42	394726.65	36.91	Soil	10,620	-0.62
08/09/2021	9:08:16	78781.52	394726.39	37.02	Soil	11,220	-0.20
08/09/2021	9:08:17	78781.60	394725.93	37.07	Soil	11,520	0.01
08/09/2021	9:08:18	78781.50	394726.18	37.09	Soil	13,380	1.31
08/09/2021	9:08:19	78781.35	394726.72	36.90	Soil	11,220	-0.20
08/09/2021	9:08:20	78781.31	394726.64	36.84	Soil	13,140	1.14
08/09/2021	9:08:21	78781.31	394726.33	36.96	Soil	11,340	-0.12
08/09/2021	9:08:22	78781.38	394726.36	37.04	Soil	10,500	-0.71
08/09/2021	9:08:23	78781.55	394726.15	36.91	Soil	11,280	-0.16
08/09/2021	9:08:24	78781.48	394726.01	37.01	Soil	12,540	0.72
08/09/2021	9:08:25	78781.26	394725.97	37.01	Soil	11,280	-0.16
08/09/2021	9:08:26	78781.27	394725.82	36.99	Soil	9,780	-1.21
08/09/2021	9:08:27	78781.31	394725.84	36.96	Soil	10,920	-0.41
08/09/2021	9:08:28	78781.20	394726.19	36.99	Soil	10,320	-0.84
08/09/2021	9:08:29	78781.09	394726.51	36.97	Soil	10,620	-0.62
08/09/2021	9:08:30	78780.92	394726.41	36.90	Soil	10,980	-0.37
08/09/2021	9:08:31	78780.88	394726.09	36.83	Soil	10,080	-1.00
08/09/2021	9:08:32	78780.82	394726.00	36.72	Soil	10,020	-1.05
08/09/2021	9:08:33	78780.95	394726.03	36.64	Soil	10,140	-0.96
08/09/2021	9:08:34	78781.08	394726.11	36.61	Soil	10,740	-0.54
08/09/2021	9:08:35	78781.08	394726.17	36.69	Soil	10,620	-0.62
08/09/2021	9:08:36	78781.24	394726.12	36.74	Soil	9,960	-1.09
08/09/2021	9:08:37	78781.34	394725.77	36.83	Soil	11,520	0.01
08/09/2021	9:08:38	78781.29	394725.65	36.72	Soil	12,360	0.60
08/09/2021	9:08:39	78781.06	394726.09	36.60	Soil	12,240	0.51
08/09/2021	9:08:40	78781.14	394726.49	36.51	Soil	10,800	-0.50
08/09/2021	9:08:41	78781.27	394726.29	36.59	Soil	11,580	0.05
08/09/2021	9:08:42	78781.03	394726.22	36.64	Soil	10,140	-0.96
08/09/2021	9:08:43	78780.85	394726.40	36.64	Soil	11,160	-0.25
08/09/2021	9:08:44	78781.07	394726.16	36.62	Soil	9,900	-1.13
08/09/2021	9:08:45	78781.23	394725.74	36.71	Soil	10,500	-0.71
08/09/2021	9:08:46	78781.19	394725.54	36.76	Soil	12,600	0.76
08/09/2021	9:08:47	78781.11	394725.54	36.58	Soil	10,620	-0.62
08/09/2021	9:08:48	78781.01	394725.99	36.65	Soil	10,200	-0.92
08/09/2021	9:08:49	78781.03	394726.29	36.67	Soil	11,160	-0.25
08/09/2021	9:08:50	78781.15	394725.89	36.70	Soil	11,160	-0.25

SU 7D GWS RESULTS
(SOIL)

08/09/2021	9:08:51	78781.22	394725.47	36.59	Soil	9,780	-1.21
08/09/2021	9:08:52	78780.97	394725.82	36.55	Soil	10,620	-0.62
08/09/2021	9:08:53	78780.84	394726.25	36.45	Soil	12,120	0.43
08/09/2021	9:08:54	78781.07	394725.96	36.57	Soil	11,580	0.05
08/09/2021	9:08:55	78781.19	394725.36	36.45	Soil	11,520	0.01
08/09/2021	9:08:56	78781.11	394725.39	36.39	Soil	10,620	-0.62
08/09/2021	9:08:57	78780.93	394725.88	36.39	Soil	11,940	0.30
08/09/2021	9:08:58	78780.68	394726.18	36.35	Soil	10,260	-0.88
08/09/2021	9:08:59	78780.85	394726.12	36.32	Soil	11,280	-0.16
08/09/2021	9:09:00	78781.02	394725.56	36.35	Soil	11,640	0.09
08/09/2021	9:09:01	78780.96	394725.61	36.34	Soil	12,180	0.47
08/09/2021	9:09:02	78780.84	394725.96	36.30	Soil	10,320	-0.84
08/09/2021	9:09:03	78780.86	394725.84	36.26	Soil	9,360	-1.51
08/09/2021	9:09:04	78780.91	394725.55	36.37	Soil	10,440	-0.75
08/09/2021	9:09:05	78780.91	394725.52	36.24	Soil	11,100	-0.29
08/09/2021	9:09:06	78780.79	394725.63	36.15	Soil	11,880	0.26
08/09/2021	9:09:07	78780.94	394725.50	36.09	Soil	11,820	0.22
08/09/2021	9:09:08	78780.78	394725.62	36.03	Soil	11,940	0.30
08/09/2021	9:09:09	78780.51	394725.68	35.95	Soil	10,200	-0.92
08/09/2021	9:09:10	78780.70	394725.34	36.01	Soil	11,040	-0.33
08/09/2021	9:09:11	78780.92	394725.23	36.03	Soil	10,620	-0.62
08/09/2021	9:09:12	78780.55	394725.22	36.00	Soil	10,140	-0.96
08/09/2021	9:09:13	78780.07	394725.46	36.07	Soil	11,940	0.30
08/09/2021	9:09:14	78780.11	394725.59	36.03	Soil	10,980	-0.37
08/09/2021	9:09:15	78780.22	394725.94	35.91	Soil	12,060	0.39
08/09/2021	9:09:16	78780.49	394725.99	35.73	Soil	11,040	-0.33
08/09/2021	9:09:17	78780.56	394725.66	35.82	Soil	12,000	0.34
08/09/2021	9:09:18	78780.23	394725.41	35.89	Soil	11,160	-0.25
08/09/2021	9:09:19	78780.62	394725.16	35.93	Soil	11,700	0.13
08/09/2021	9:09:20	78780.76	394724.92	35.95	Soil	11,460	-0.04
08/09/2021	9:09:21	78780.41	394725.14	35.94	Soil	10,920	-0.41
08/09/2021	9:09:22	78780.13	394725.46	35.89	Soil	10,260	-0.88
08/09/2021	9:09:23	78780.20	394725.31	35.91	Soil	10,680	-0.58
08/09/2021	9:09:24	78780.32	394725.11	35.90	Soil	12,480	0.68
08/09/2021	9:09:25	78780.04	394725.29	35.90	Soil	11,340	-0.12
08/09/2021	9:09:26	78780.13	394725.27	35.83	Soil	11,220	-0.20
08/09/2021	9:09:27	78780.49	394725.23	35.82	Soil	12,060	0.39
08/09/2021	9:09:28	78780.08	394725.61	35.86	Soil	10,740	-0.54
08/09/2021	9:09:29	78779.82	394725.88	35.73	Soil	11,160	-0.25
08/09/2021	9:09:30	78780.24	394725.77	35.60	Soil	11,040	-0.33
08/09/2021	9:09:31	78780.62	394725.46	35.71	Soil	11,280	-0.16
08/09/2021	9:09:32	78780.26	394725.24	35.94	Soil	9,420	-1.47
08/09/2021	9:09:33	78779.90	394725.10	35.95	Soil	11,220	-0.20
08/09/2021	9:09:34	78780.34	394724.83	35.82	Soil	11,400	-0.08
08/09/2021	9:09:36	78779.99	394724.96	35.99	Soil	12,240	0.51
08/09/2021	9:09:37	78779.98	394724.91	36.00	Soil	12,300	0.55
08/09/2021	9:09:39	78780.49	394724.78	35.96	Soil	13,860	1.65
08/09/2021	9:09:42	78780.04	394724.97	36.01	Soil	12,180	0.47
08/09/2021	9:09:43	78779.87	394725.10	36.02	Soil	11,520	0.01
08/09/2021	9:09:44	78779.78	394725.38	36.07	Soil	12,120	0.43
08/09/2021	9:09:45	78779.64	394725.67	36.05	Soil	11,520	0.01

SU 7D GWS RESULTS
(SOIL)

08/09/2021	9:09:46	78779.70	394725.76	36.19	Soil	14,100	1.82
08/09/2021	9:09:47	78779.73	394725.43	36.26	Soil	12,960	1.02
08/09/2021	9:09:48	78779.59	394725.56	36.18	Soil	11,940	0.30
08/09/2021	9:09:49	78779.61	394725.82	36.13	Soil	10,800	-0.50
08/09/2021	9:09:50	78779.74	394725.82	36.16	Soil	11,580	0.05
08/09/2021	9:09:51	78779.71	394725.78	36.23	Soil	12,180	0.47
08/09/2021	9:09:52	78779.79	394725.63	36.31	Soil	11,520	0.01
08/09/2021	9:09:53	78779.73	394725.41	36.43	Soil	11,640	0.09
08/09/2021	9:09:54	78779.61	394725.37	36.53	Soil	12,300	0.55
08/09/2021	9:09:55	78779.64	394725.32	36.66	Soil	11,760	0.18
08/09/2021	9:09:56	78779.59	394725.31	36.69	Soil	12,480	0.68
08/09/2021	9:09:57	78779.55	394725.33	36.75	Soil	12,540	0.72
08/09/2021	9:09:58	78779.54	394725.36	36.79	Soil	11,100	-0.29
08/09/2021	9:09:59	78779.56	394725.47	36.81	Soil	10,740	-0.54
08/09/2021	9:10:00	78779.56	394725.63	36.85	Soil	13,140	1.14
08/09/2021	9:10:01	78779.53	394725.65	36.88	Soil	11,220	-0.20
08/09/2021	9:10:02	78779.45	394725.59	36.90	Soil	12,360	0.60
08/09/2021	9:10:03	78779.39	394725.70	36.91	Soil	10,920	-0.41
08/09/2021	9:10:04	78779.29	394725.90	36.94	Soil	11,400	-0.08
08/09/2021	9:10:05	78779.26	394726.08	36.92	Soil	12,300	0.55
08/09/2021	9:10:06	78779.30	394726.00	36.89	Soil	12,900	0.98
08/09/2021	9:10:07	78779.35	394725.69	36.86	Soil	12,660	0.81
08/09/2021	9:10:08	78779.30	394725.74	36.89	Soil	11,760	0.18
08/09/2021	9:10:09	78779.32	394725.88	36.89	Soil	11,520	0.01
08/09/2021	9:10:10	78779.31	394725.98	36.94	Soil	11,520	0.01
08/09/2021	9:10:11	78779.31	394726.03	37.00	Soil	13,560	1.44
08/09/2021	9:10:12	78779.33	394726.08	36.92	Soil	11,640	0.09
08/09/2021	9:10:13	78779.38	394726.05	36.93	Soil	12,000	0.34
08/09/2021	9:10:14	78779.40	394726.04	36.93	Soil	13,080	1.10
08/09/2021	9:10:15	78779.42	394726.00	36.94	Soil	11,340	-0.12
08/09/2021	9:10:16	78779.49	394725.90	36.96	Soil	10,860	-0.46
08/09/2021	9:10:17	78779.47	394725.80	36.97	Soil	12,480	0.68
08/09/2021	9:10:18	78779.38	394725.93	36.97	Soil	13,740	1.56
08/09/2021	9:10:19	78779.39	394725.92	36.95	Soil	12,120	0.43
08/09/2021	9:10:20	78779.47	394725.83	36.95	Soil	11,100	-0.29
08/09/2021	9:10:21	78779.48	394725.96	36.95	Soil	11,160	-0.25
08/09/2021	9:10:22	78779.47	394725.96	36.94	Soil	12,120	0.43
08/09/2021	9:10:23	78779.53	394725.90	36.97	Soil	12,180	0.47
08/09/2021	9:10:24	78779.59	394725.85	36.96	Soil	12,540	0.72
08/09/2021	9:10:25	78779.60	394725.81	36.99	Soil	10,980	-0.37
08/09/2021	9:10:26	78779.58	394725.88	37.04	Soil	12,600	0.76
08/09/2021	9:10:27	78779.53	394725.93	37.11	Soil	12,000	0.34
08/09/2021	9:10:28	78779.47	394725.73	37.19	Soil	13,020	1.06
08/09/2021	9:10:29	78779.49	394725.45	37.30	Soil	11,460	-0.04
08/09/2021	9:10:30	78779.51	394725.43	37.31	Soil	13,140	1.14
08/09/2021	9:10:31	78779.60	394725.30	37.26	Soil	12,120	0.43
08/09/2021	9:10:32	78779.97	394725.12	37.03	Soil	9,960	-1.09
08/09/2021	9:10:33	78780.15	394724.94	36.98	Soil	10,440	-0.75
08/09/2021	9:10:34	78779.73	394725.17	37.09	Soil	10,020	-1.05
08/09/2021	9:10:35	78779.60	394725.35	37.13	Soil	11,100	-0.29
08/09/2021	9:10:36	78779.89	394725.13	37.06	Soil	11,460	-0.04

SU 7D GWS RESULTS
(SOIL)

08/09/2021	9:10:37	78779.93	394725.07	36.99	Soil	10,140	-0.96
08/09/2021	9:10:38	78779.75	394725.12	36.99	Soil	10,380	-0.79
08/09/2021	9:10:39	78780.02	394725.02	36.90	Soil	11,280	-0.16
08/09/2021	9:10:41	78779.67	394725.09	36.95	Soil	12,720	0.85
08/09/2021	9:10:42	78779.63	394725.35	36.87	Soil	11,820	0.22
08/09/2021	9:10:43	78779.92	394725.26	36.84	Soil	9,540	-1.38
08/09/2021	9:10:44	78779.89	394725.15	36.81	Soil	11,760	0.18
08/09/2021	9:10:45	78779.64	394725.34	36.83	Soil	11,760	0.18
08/09/2021	9:10:46	78779.69	394725.60	36.79	Soil	12,180	0.47
08/09/2021	9:10:47	78779.79	394725.70	37.00	Soil	11,460	-0.04
08/09/2021	9:10:48	78779.75	394725.71	37.09	Soil	11,880	0.26
08/09/2021	9:10:49	78779.75	394725.66	37.02	Soil	13,020	1.06
08/09/2021	9:10:50	78779.81	394725.67	36.78	Soil	10,980	-0.37
08/09/2021	9:10:51	78779.81	394725.55	36.77	Soil	10,260	-0.88
08/09/2021	9:10:52	78779.87	394725.20	36.79	Soil	10,980	-0.37
08/09/2021	9:10:53	78779.92	394725.09	36.86	Soil	11,220	-0.20
08/09/2021	9:10:54	78779.91	394724.92	36.63	Soil	12,300	0.55
08/09/2021	9:10:55	78779.94	394725.19	36.65	Soil	10,920	-0.41
08/09/2021	9:10:56	78780.08	394725.60	36.68	Soil	10,860	-0.46
08/09/2021	9:10:57	78780.25	394725.74	36.55	Soil	10,740	-0.54
08/09/2021	9:10:58	78780.17	394725.68	36.50	Soil	12,120	0.43
08/09/2021	9:10:59	78780.06	394725.89	36.53	Soil	10,920	-0.41
08/09/2021	9:11:00	78779.90	394726.00	36.73	Soil	11,340	-0.12
08/09/2021	9:11:01	78779.94	394725.55	36.72	Soil	13,080	1.10
08/09/2021	9:11:02	78779.98	394725.11	36.67	Soil	11,400	-0.08
08/09/2021	9:11:03	78779.80	394725.18	36.64	Soil	11,160	-0.25
08/09/2021	9:11:04	78779.75	394725.60	36.46	Soil	12,360	0.60
08/09/2021	9:11:05	78779.93	394725.70	36.44	Soil	11,700	0.13
08/09/2021	9:11:06	78779.94	394725.61	36.49	Soil	11,160	-0.25
08/09/2021	9:11:07	78779.77	394725.69	36.68	Soil	12,720	0.85
08/09/2021	9:11:08	78779.59	394725.94	36.73	Soil	11,640	0.09
08/09/2021	9:11:09	78779.71	394725.90	36.89	Soil	12,120	0.43
08/09/2021	9:11:10	78779.80	394725.52	36.91	Soil	11,880	0.26
08/09/2021	9:11:11	78779.83	394725.31	36.92	Soil	12,000	0.34
08/09/2021	9:11:12	78779.67	394725.79	36.87	Soil	11,280	-0.16
08/09/2021	9:11:13	78779.50	394726.15	36.85	Soil	14,460	2.07
08/09/2021	9:11:14	78779.56	394725.72	36.91	Soil	13,740	1.56
08/09/2021	9:11:15	78779.59	394725.47	36.92	Soil	12,540	0.72
08/09/2021	9:11:16	78779.48	394725.84	37.06	Soil	11,760	0.18
08/09/2021	9:11:17	78779.38	394725.82	37.14	Soil	11,520	0.01
08/09/2021	9:11:18	78779.54	394725.33	37.17	Soil	12,420	0.64
08/09/2021	9:11:19	78779.60	394725.06	37.17	Soil	11,760	0.18
08/09/2021	9:11:20	78779.52	394725.03	37.22	Soil	13,620	1.48
08/09/2021	9:11:21	78779.39	394725.31	37.18	Soil	12,180	0.47
08/09/2021	9:11:22	78779.51	394725.57	37.19	Soil	12,120	0.43
08/09/2021	9:11:23	78779.54	394725.56	37.21	Soil	12,240	0.51
08/09/2021	9:11:24	78779.46	394725.65	37.32	Soil	13,200	1.19
08/09/2021	9:11:25	78779.35	394725.90	37.27	Soil	11,100	-0.29
08/09/2021	9:11:26	78779.34	394725.98	37.18	Soil	13,500	1.40
08/09/2021	9:11:27	78779.46	394725.59	37.28	Soil	12,780	0.89
08/09/2021	9:11:28	78779.34	394725.32	37.30	Soil	11,280	-0.16

SU 7D GWS RESULTS
(SOIL)

08/09/2021	9:11:29	78779.23	394725.20	37.36	Soil	10,980	-0.37
08/09/2021	9:11:30	78779.54	394725.15	37.23	Soil	11,580	0.05
08/09/2021	9:11:31	78779.64	394725.15	37.34	Soil	12,780	0.89
08/09/2021	9:11:32	78779.34	394725.30	37.30	Soil	11,400	-0.08
08/09/2021	9:11:33	78779.28	394725.50	37.26	Soil	13,500	1.40
08/09/2021	9:11:34	78779.45	394725.54	37.10	Soil	12,720	0.85
08/09/2021	9:11:35	78779.50	394725.54	37.33	Soil	13,320	1.27
08/09/2021	9:11:36	78779.15	394725.66	37.29	Soil	12,000	0.34
08/09/2021	9:11:37	78779.36	394725.83	37.22	Soil	12,840	0.93
08/09/2021	9:11:38	78779.48	394725.75	37.24	Soil	11,340	-0.12
08/09/2021	9:11:39	78779.10	394725.66	37.43	Soil	11,940	0.30
08/09/2021	9:11:40	78778.85	394725.83	37.34	Soil	12,480	0.68
08/09/2021	9:11:41	78779.02	394726.08	37.25	Soil	10,200	-0.92
08/09/2021	9:11:42	78779.40	394725.56	37.42	Soil	13,500	1.40
08/09/2021	9:11:43	78779.38	394725.24	37.45	Soil	11,160	-0.25
08/09/2021	9:11:44	78779.07	394725.48	37.48	Soil	12,720	0.85
08/09/2021	9:11:45	78779.05	394725.66	37.49	Soil	10,980	-0.37
08/09/2021	9:11:46	78779.19	394725.37	37.43	Soil	11,700	0.13
08/09/2021	9:11:47	78779.13	394725.32	37.47	Soil	11,520	0.01
08/09/2021	9:11:48	78778.92	394725.85	37.50	Soil	11,760	0.18
08/09/2021	9:11:49	78778.61	394726.19	37.53	Soil	11,100	-0.29
08/09/2021	9:11:50	78778.72	394726.13	37.56	Soil	11,100	-0.29
08/09/2021	9:11:51	78779.08	394725.67	37.51	Soil	11,100	-0.29
08/09/2021	9:11:52	78779.09	394725.27	37.56	Soil	12,960	1.02
08/09/2021	9:11:53	78778.75	394725.38	37.67	Soil	10,980	-0.37
08/09/2021	9:11:54	78778.73	394725.44	37.66	Soil	13,080	1.10
08/09/2021	9:11:55	78779.05	394725.44	37.51	Soil	10,260	-0.88
08/09/2021	9:11:56	78778.88	394725.60	37.65	Soil	10,740	-0.54
08/09/2021	9:11:57	78778.48	394725.76	37.71	Soil	12,420	0.64
08/09/2021	9:11:58	78778.63	394725.92	37.59	Soil	14,280	1.94
08/09/2021	9:11:59	78779.05	394725.87	37.63	Soil	11,580	0.05
08/09/2021	9:12:00	78778.86	394725.65	37.69	Soil	12,240	0.51
08/09/2021	9:12:01	78778.57	394725.56	37.66	Soil	12,060	0.39
08/09/2021	9:12:02	78778.69	394725.66	37.68	Soil	11,520	0.01
08/09/2021	9:12:03	78778.70	394725.78	37.66	Soil	10,860	-0.46
08/09/2021	9:12:04	78778.81	394725.76	37.65	Soil	12,780	0.89
08/09/2021	9:12:05	78778.76	394725.77	37.68	Soil	14,040	1.78
08/09/2021	9:12:06	78778.73	394725.85	37.72	Soil	12,120	0.43
08/09/2021	9:12:07	78778.76	394725.85	37.67	Soil	11,040	-0.33
08/09/2021	9:12:08	78778.90	394725.68	37.73	Soil	12,780	0.89
08/09/2021	9:12:09	78778.87	394725.61	37.78	Soil	11,340	-0.12
08/09/2021	9:12:10	78778.84	394725.56	37.79	Soil	13,620	1.48
08/09/2021	9:12:11	78778.73	394725.63	37.81	Soil	12,720	0.85
08/09/2021	9:12:12	78778.73	394725.69	37.81	Soil	12,480	0.68
08/09/2021	9:12:13	78778.75	394725.75	37.90	Soil	12,300	0.55
08/09/2021	9:12:14	78778.68	394725.78	37.92	Soil	12,300	0.55
08/09/2021	9:12:15	78778.67	394725.60	37.84	Soil	13,440	1.35
08/09/2021	9:12:16	78778.78	394725.44	37.84	Soil	12,300	0.55
08/09/2021	9:12:17	78778.77	394725.43	37.81	Soil	14,160	1.86
08/09/2021	9:12:18	78778.80	394725.36	37.87	Soil	13,080	1.10
08/09/2021	9:12:19	78778.79	394725.32	37.99	Soil	11,760	0.18

SU 7D GWS RESULTS
(SOIL)

08/09/2021	9:12:20	78778.74	394725.32	37.95	Soil	11,820	0.22
08/09/2021	9:12:21	78778.72	394725.38	37.79	Soil	10,860	-0.46
08/09/2021	9:12:22	78778.82	394725.38	37.77	Soil	12,540	0.72
08/09/2021	9:12:23	78778.86	394725.24	37.87	Soil	10,320	-0.84
08/09/2021	9:12:24	78778.72	394725.31	37.86	Soil	13,620	1.48
08/09/2021	9:12:25	78778.64	394725.61	37.88	Soil	11,220	-0.20
08/09/2021	9:12:26	78778.74	394725.55	37.78	Soil	12,840	0.93
08/09/2021	9:12:27	78778.83	394725.21	37.84	Soil	11,220	-0.20
08/09/2021	9:12:28	78778.67	394725.41	37.96	Soil	13,920	1.69
08/09/2021	9:12:29	78778.49	394725.71	37.97	Soil	11,460	-0.04
08/09/2021	9:12:30	78778.60	394725.46	37.96	Soil	12,660	0.81
08/09/2021	9:12:31	78778.66	394725.13	37.98	Soil	12,240	0.51
08/09/2021	9:12:32	78778.44	394725.32	38.01	Soil	12,240	0.51
08/09/2021	9:12:33	78778.42	394725.60	37.99	Soil	14,940	2.41
08/09/2021	9:12:34	78778.76	394725.54	38.11	Soil	12,480	0.68
08/09/2021	9:12:35	78778.90	394725.19	38.16	Soil	11,340	-0.12
08/09/2021	9:12:36	78778.88	394725.07	38.18	Soil	11,280	-0.16
08/09/2021	9:12:37	78778.82	394725.01	38.21	Soil	11,880	0.26
08/09/2021	9:12:38	78778.81	394724.66	38.16	Soil	11,400	-0.08
08/09/2021	9:12:39	78778.60	394724.67	38.04	Soil	12,780	0.89
08/09/2021	9:12:40	78778.42	394725.04	37.88	Soil	12,240	0.51
08/09/2021	9:12:41	78778.72	394725.03	37.85	Soil	12,120	0.43
08/09/2021	9:12:42	78779.00	394724.88	37.88	Soil	12,060	0.39
08/09/2021	9:12:43	78779.09	394724.76	37.86	Soil	10,560	-0.67
08/09/2021	9:12:44	78779.28	394724.66	37.86	Soil	11,940	0.30
08/09/2021	9:12:45	78779.09	394724.70	37.98	Soil	13,380	1.31
08/09/2021	9:12:46	78778.94	394724.66	38.03	Soil	11,880	0.26
08/09/2021	9:12:47	78779.15	394724.48	37.90	Soil	10,740	-0.54
08/09/2021	9:12:48	78779.16	394724.53	38.00	Soil	11,580	0.05
08/09/2021	9:12:49	78778.86	394724.72	37.96	Soil	11,340	-0.12
08/09/2021	9:12:50	78779.01	394724.54	37.91	Soil	10,860	-0.46
08/09/2021	9:12:51	78779.40	394724.39	37.64	Soil	11,220	-0.20
08/09/2021	9:12:52	78779.26	394724.73	37.49	Soil	12,480	0.68
08/09/2021	9:12:53	78778.95	394725.11	37.43	Soil	11,460	-0.04
08/09/2021	9:12:54	78779.31	394724.84	37.41	Soil	12,300	0.55
08/09/2021	9:12:55	78779.64	394724.64	37.34	Soil	10,980	-0.37
08/09/2021	9:12:56	78779.15	394725.04	37.42	Soil	11,640	0.09
08/09/2021	9:12:57	78778.88	394725.21	37.38	Soil	13,260	1.23
08/09/2021	9:12:58	78779.56	394725.01	37.48	Soil	12,240	0.51
08/09/2021	9:12:59	78779.81	394724.90	37.73	Soil	12,420	0.64
08/09/2021	9:13:00	78779.10	394724.81	37.91	Soil	11,880	0.26
08/09/2021	9:13:01	78778.79	394724.72	37.79	Soil	11,880	0.26
08/09/2021	9:13:02	78779.09	394724.68	37.88	Soil	11,580	0.05
08/09/2021	9:13:03	78778.91	394724.40	37.96	Soil	10,740	-0.54
08/09/2021	9:13:04	78778.52	394724.22	37.97	Soil	11,640	0.09
08/09/2021	9:13:05	78778.92	394724.52	37.90	Soil	10,980	-0.37
08/09/2021	9:13:06	78779.33	394724.57	37.97	Soil	11,880	0.26
08/09/2021	9:13:07	78779.08	394724.24	37.95	Soil	10,140	-0.96
08/09/2021	9:13:08	78778.81	394724.16	37.97	Soil	11,160	-0.25
08/09/2021	9:13:09	78779.08	394724.18	38.02	Soil	12,600	0.76
08/09/2021	9:13:10	78779.20	394724.21	37.95	Soil	9,960	-1.09

SU 7D GWS RESULTS
(SOIL)

08/09/2021	9:13:11	78778.84	394724.15	37.98	Soil	10,620	-0.62
08/09/2021	9:13:12	78778.68	394724.11	38.02	Soil	10,560	-0.67
08/09/2021	9:13:13	78779.30	394724.25	37.88	Soil	10,980	-0.37
08/09/2021	9:13:14	78779.62	394724.18	37.92	Soil	10,980	-0.37
08/09/2021	9:13:15	78779.16	394724.02	37.96	Soil	12,000	0.34
08/09/2021	9:13:16	78778.88	394723.95	37.92	Soil	9,360	-1.51
08/09/2021	9:13:17	78779.46	394724.06	37.85	Soil	10,200	-0.92
08/09/2021	9:13:18	78779.66	394724.10	37.82	Soil	9,720	-1.26
08/09/2021	9:13:19	78779.13	394723.90	37.88	Soil	10,260	-0.88
08/09/2021	9:13:20	78778.92	394723.72	37.87	Soil	11,220	-0.20
08/09/2021	9:13:21	78779.33	394723.93	37.78	Soil	11,340	-0.12
08/09/2021	9:13:22	78779.41	394724.23	37.88	Soil	11,880	0.26
08/09/2021	9:13:23	78779.11	394724.20	37.82	Soil	10,320	-0.84
08/09/2021	9:13:24	78779.30	394724.23	37.70	Soil	12,240	0.51
08/09/2021	9:13:25	78779.69	394724.29	37.67	Soil	10,320	-0.84
08/09/2021	9:13:26	78779.77	394724.09	37.68	Soil	10,560	-0.67
08/09/2021	9:13:27	78779.52	394723.76	37.71	Soil	10,020	-1.05
08/09/2021	9:13:28	78779.24	394724.00	37.82	Soil	11,160	-0.25
08/09/2021	9:13:29	78779.14	394724.44	37.78	Soil	9,540	-1.38
08/09/2021	9:13:30	78779.11	394724.39	37.82	Soil	11,280	-0.16
08/09/2021	9:13:31	78779.24	394724.38	37.77	Soil	11,160	-0.25
08/09/2021	9:13:32	78779.40	394724.24	37.84	Soil	11,760	0.18
08/09/2021	9:13:33	78779.36	394724.28	37.81	Soil	11,100	-0.29
08/09/2021	9:13:34	78779.42	394724.31	37.87	Soil	11,040	-0.33
08/09/2021	9:13:35	78779.32	394724.32	38.03	Soil	11,820	0.22
08/09/2021	9:13:36	78779.34	394724.40	37.93	Soil	12,360	0.60
08/09/2021	9:13:37	78779.46	394724.19	37.90	Soil	12,420	0.64
08/09/2021	9:13:38	78779.40	394723.89	37.92	Soil	11,940	0.30
08/09/2021	9:13:39	78779.40	394723.76	37.90	Soil	10,140	-0.96
08/09/2021	9:13:40	78779.50	394724.08	37.89	Soil	11,220	-0.20
08/09/2021	9:13:41	78779.55	394724.72	37.79	Soil	10,680	-0.58
08/09/2021	9:13:42	78779.55	394724.77	37.78	Soil	11,100	-0.29
08/09/2021	9:13:43	78779.49	394724.51	37.79	Soil	9,840	-1.17
08/09/2021	9:13:44	78779.41	394724.69	37.77	Soil	12,000	0.34
08/09/2021	9:13:45	78779.59	394724.43	37.89	Soil	11,100	-0.29
08/09/2021	9:13:46	78779.61	394724.16	37.95	Soil	12,120	0.43
08/09/2021	9:13:47	78779.34	394723.70	37.87	Soil	12,060	0.39
08/09/2021	9:13:48	78779.44	394723.76	37.82	Soil	9,120	-1.68
08/09/2021	9:13:49	78779.66	394724.25	37.76	Soil	11,220	-0.20
08/09/2021	9:13:50	78779.71	394724.40	37.84	Soil	9,660	-1.30
08/09/2021	9:13:51	78779.75	394724.15	37.89	Soil	12,360	0.60
08/09/2021	9:13:52	78779.55	394723.79	37.85	Soil	11,220	-0.20
08/09/2021	9:13:53	78779.79	394724.04	37.83	Soil	12,540	0.72
08/09/2021	9:13:54	78779.75	394724.45	37.82	Soil	11,640	0.09
08/09/2021	9:13:58	78779.89	394724.11	37.67	Soil	11,640	0.09
08/09/2021	9:13:59	78779.86	394724.31	37.66	Soil	10,500	-0.71
08/09/2021	9:14:01	78780.02	394723.96	37.86	Soil	11,280	-0.16
08/09/2021	9:14:02	78779.90	394723.86	37.66	Soil	11,580	0.05
08/09/2021	9:14:03	78779.91	394724.32	37.64	Soil	10,800	-0.50
08/09/2021	9:14:06	78779.97	394723.87	37.65	Soil	11,940	0.30
08/09/2021	9:14:08	78779.82	394724.45	37.60	Soil	9,480	-1.42

SU 7D GWS RESULTS
(SOIL)

08/09/2021	9:14:09	78779.84	394724.43	37.72	Soil	10,740	-0.54
08/09/2021	9:14:14	78780.16	394723.84	37.67	Soil	11,460	-0.04
08/09/2021	9:14:25	78780.05	394724.01	37.69	Soil	11,460	-0.04
08/09/2021	9:14:41	78780.09	394725.07	37.66	Soil	12,660	0.81
08/09/2021	9:14:42	78780.18	394725.01	37.74	Soil	11,820	0.22
08/09/2021	9:15:04	78780.61	394724.89	37.55	Soil	12,840	0.93
08/09/2021	9:15:05	78780.59	394724.93	37.41	Soil	10,920	-0.41
08/09/2021	9:15:08	78780.72	394724.90	37.33	Soil	11,160	-0.25
08/09/2021	9:15:09	78780.82	394725.00	37.44	Soil	11,700	0.13
08/09/2021	9:15:16	78781.10	394725.01	37.13	Soil	11,100	-0.29
08/09/2021	9:15:17	78781.01	394724.90	37.21	Soil	11,580	0.05
08/09/2021	9:15:20	78780.96	394724.90	37.17	Soil	11,460	-0.04
08/09/2021	9:15:21	78781.17	394725.06	37.24	Soil	11,820	0.22
08/09/2021	9:15:24	78781.46	394724.84	37.22	Soil	11,280	-0.16
08/09/2021	9:15:25	78781.35	394725.07	37.15	Soil	12,060	0.39
08/09/2021	9:15:26	78781.33	394724.82	37.15	Soil	11,520	0.01
08/09/2021	9:15:27	78781.44	394724.93	37.09	Soil	10,980	-0.37
08/09/2021	9:15:28	78781.55	394725.20	37.11	Soil	10,860	-0.46
08/09/2021	9:15:29	78781.60	394724.82	37.14	Soil	12,180	0.47
08/09/2021	9:15:31	78781.68	394725.15	36.99	Soil	11,820	0.22
08/09/2021	9:15:32	78781.47	394725.27	37.09	Soil	11,940	0.30
08/09/2021	9:15:35	78781.82	394724.97	36.99	Soil	10,740	-0.54
08/09/2021	9:15:36	78781.75	394725.25	37.06	Soil	10,920	-0.41
08/09/2021	9:15:37	78781.94	394724.88	37.15	Soil	11,760	0.18
08/09/2021	9:15:39	78782.02	394725.06	36.91	Soil	9,120	-1.68
08/09/2021	9:15:40	78781.68	394725.48	36.89	Soil	11,400	-0.08
08/09/2021	9:15:41	78781.77	394725.40	36.99	Soil	10,200	-0.92
08/09/2021	9:15:42	78782.13	394724.85	36.97	Soil	10,860	-0.46
08/09/2021	9:15:43	78781.97	394724.92	36.92	Soil	12,180	0.47
08/09/2021	9:15:44	78781.90	394725.13	36.89	Soil	10,500	-0.71
08/09/2021	9:15:45	78781.98	394725.38	36.92	Soil	10,740	-0.54
08/09/2021	9:15:46	78782.04	394725.51	36.85	Soil	10,740	-0.54
08/09/2021	9:15:47	78782.03	394725.32	36.84	Soil	9,300	-1.55
08/09/2021	9:15:48	78781.91	394724.91	36.87	Soil	11,700	0.13
08/09/2021	9:15:49	78781.80	394724.92	36.85	Soil	11,880	0.26
08/09/2021	9:15:50	78781.77	394724.97	36.82	Soil	11,460	-0.04
08/09/2021	9:15:51	78781.71	394724.97	36.78	Soil	10,740	-0.54
08/09/2021	9:15:52	78781.77	394725.22	36.70	Soil	12,600	0.76
08/09/2021	9:15:53	78781.76	394725.47	36.65	Soil	11,040	-0.33
08/09/2021	9:15:54	78781.82	394725.18	36.76	Soil	12,360	0.60
08/09/2021	9:15:56	78781.84	394724.73	36.62	Soil	10,020	-1.05
08/09/2021	9:15:57	78781.88	394724.81	36.76	Soil	10,680	-0.58
08/09/2021	9:16:02	78782.00	394725.07	36.43	Soil	12,060	0.39
08/09/2021	9:16:03	78782.25	394725.11	36.57	Soil	10,200	-0.92
08/09/2021	9:16:04	78782.51	394724.80	36.54	Soil	11,220	-0.20
08/09/2021	9:16:05	78782.17	394724.89	36.40	Soil	10,800	-0.50
08/09/2021	9:16:06	78781.89	394725.35	36.30	Soil	12,540	0.72
08/09/2021	9:16:07	78782.04	394725.30	36.34	Soil	11,580	0.05
08/09/2021	9:16:08	78782.14	394725.31	36.33	Soil	12,480	0.68
08/09/2021	9:16:09	78782.05	394725.70	36.14	Soil	11,940	0.30
08/09/2021	9:16:11	78782.17	394725.26	36.42	Soil	10,260	-0.88

SU 7D GWS RESULTS
(SOIL)

08/09/2021	9:16:12	78782.09	394725.14	36.41	Soil	10,500	-0.71
08/09/2021	9:16:13	78782.26	394725.42	36.38	Soil	10,260	-0.88
08/09/2021	9:16:14	78782.39	394725.46	36.50	Soil	12,240	0.51
08/09/2021	9:16:15	78782.40	394724.93	36.50	Soil	11,760	0.18
08/09/2021	9:16:16	78782.42	394725.15	36.22	Soil	11,640	0.09
08/09/2021	9:16:18	78782.67	394725.15	36.53	Soil	9,960	-1.09
08/09/2021	9:16:21	78782.87	394725.20	36.23	Soil	10,740	-0.54
08/09/2021	9:16:23	78782.96	394725.04	36.39	Soil	11,220	-0.20
08/09/2021	9:16:25	78782.82	394725.29	36.33	Soil	11,580	0.05
08/09/2021	9:16:26	78782.97	394725.45	36.36	Soil	11,580	0.05
08/09/2021	9:16:27	78783.01	394725.16	36.30	Soil	12,180	0.47
08/09/2021	9:16:28	78783.03	394725.01	36.26	Soil	11,520	0.01
08/09/2021	9:16:31	78782.99	394725.12	36.22	Soil	12,780	0.89
08/09/2021	9:16:32	78782.88	394725.19	36.32	Soil	11,580	0.05
08/09/2021	9:16:33	78782.93	394725.37	36.22	Soil	12,000	0.34
08/09/2021	9:16:34	78782.97	394725.16	36.33	Soil	11,580	0.05
08/09/2021	9:16:36	78783.06	394724.86	36.16	Soil	10,800	-0.50
08/09/2021	9:16:37	78783.09	394725.52	36.01	Soil	11,160	-0.25
08/09/2021	9:16:39	78783.16	394725.04	36.25	Soil	11,580	0.05
08/09/2021	9:16:40	78783.12	394724.79	36.19	Soil	11,220	-0.20
08/09/2021	9:16:41	78783.17	394725.05	36.06	Soil	11,760	0.18
08/09/2021	9:16:42	78783.14	394725.49	36.12	Soil	10,920	-0.41
08/09/2021	9:16:43	78783.18	394725.49	36.23	Soil	10,380	-0.79
08/09/2021	9:16:44	78783.26	394725.08	36.26	Soil	11,700	0.13
08/09/2021	9:16:45	78783.10	394725.00	36.24	Soil	12,000	0.34
08/09/2021	9:16:46	78782.77	394725.32	36.19	Soil	11,820	0.22
08/09/2021	9:16:47	78783.00	394725.16	36.28	Soil	11,700	0.13
08/09/2021	9:16:48	78783.21	394724.86	36.34	Soil	9,120	-1.68
08/09/2021	9:16:49	78782.97	394725.11	36.22	Soil	12,360	0.60
08/09/2021	9:16:51	78782.92	394725.42	36.34	Soil	11,760	0.18
08/09/2021	9:16:52	78783.10	394725.19	36.33	Soil	10,680	-0.58
08/09/2021	9:16:54	78783.18	394725.19	36.27	Soil	11,940	0.30
08/09/2021	9:16:55	78783.01	394725.45	36.25	Soil	11,580	0.05
08/09/2021	9:17:04	78783.87	394725.49	36.11	Soil	11,940	0.30
08/09/2021	9:17:07	78783.88	394725.64	36.19	Soil	11,460	-0.04
08/09/2021	9:17:10	78783.85	394725.56	36.26	Soil	9,540	-1.38
08/09/2021	9:17:11	78783.87	394725.19	36.31	Soil	11,220	-0.20
08/09/2021	9:17:16	78783.81	394725.16	36.36	Soil	12,120	0.43
08/09/2021	9:17:19	78783.83	394725.84	36.33	Soil	11,400	-0.08
08/09/2021	9:17:20	78784.01	394725.83	36.37	Soil	11,580	0.05
08/09/2021	9:17:21	78783.89	394725.72	36.39	Soil	10,740	-0.54
08/09/2021	9:17:22	78783.99	394725.84	36.42	Soil	12,120	0.43
08/09/2021	9:17:23	78783.88	394726.12	36.22	Soil	9,960	-1.09
08/09/2021	9:17:24	78783.86	394726.19	36.28	Soil	12,780	0.89
08/09/2021	9:17:25	78783.95	394725.57	36.30	Soil	11,100	-0.29
08/09/2021	9:17:28	78783.88	394725.85	36.50	Soil	12,480	0.68
08/09/2021	9:17:29	78784.03	394725.22	36.49	Soil	12,240	0.51
08/09/2021	9:17:30	78784.08	394725.49	36.29	Soil	10,620	-0.62
08/09/2021	9:17:31	78784.12	394726.21	36.29	Soil	11,820	0.22
08/09/2021	9:17:32	78783.98	394725.75	36.62	Soil	11,640	0.09
08/09/2021	9:17:33	78784.04	394725.20	36.52	Soil	11,400	-0.08

SU 7D GWS RESULTS
(SOIL)

08/09/2021	9:17:34	78784.18	394725.51	36.34	Soil	13,140	1.14
08/09/2021	9:17:35	78784.10	394725.98	36.31	Soil	10,740	-0.54
08/09/2021	9:17:36	78784.25	394726.12	36.24	Soil	12,420	0.64
08/09/2021	9:17:37	78784.37	394725.88	36.37	Soil	12,840	0.93
08/09/2021	9:17:38	78784.17	394725.57	36.37	Soil	10,260	-0.88
08/09/2021	9:17:39	78784.13	394725.36	36.36	Soil	11,640	0.09
08/09/2021	9:17:40	78784.28	394725.94	36.27	Soil	11,520	0.01
08/09/2021	9:17:41	78784.42	394726.32	36.31	Soil	10,980	-0.37
08/09/2021	9:17:42	78784.33	394725.68	36.46	Soil	11,640	0.09
08/09/2021	9:17:43	78783.97	394725.37	36.31	Soil	10,260	-0.88
08/09/2021	9:17:44	78784.09	394725.86	36.11	Soil	10,620	-0.62
08/09/2021	9:17:45	78784.25	394726.04	36.10	Soil	10,380	-0.79
08/09/2021	9:17:46	78784.43	394726.12	36.13	Soil	10,380	-0.79
08/09/2021	9:17:47	78784.25	394726.04	36.26	Soil	9,840	-1.17
08/09/2021	9:17:49	78784.11	394725.99	36.32	Soil	11,820	0.22
08/09/2021	9:17:50	78784.27	394726.13	36.31	Soil	9,000	-1.76
08/09/2021	9:17:51	78784.39	394726.00	36.23	Soil	10,560	-0.67
08/09/2021	9:17:52	78784.47	394725.89	36.29	Soil	10,080	-1.00
08/09/2021	9:17:53	78784.34	394725.98	36.28	Soil	10,140	-0.96
08/09/2021	9:17:54	78784.41	394725.94	36.37	Soil	11,640	0.09
08/09/2021	9:17:55	78784.25	394726.21	36.44	Soil	11,940	0.30
08/09/2021	9:17:56	78784.58	394726.13	36.48	Soil	11,580	0.05
08/09/2021	9:17:57	78784.74	394725.99	36.44	Soil	11,940	0.30
08/09/2021	9:17:58	78784.29	394726.28	36.16	Soil	12,180	0.47
08/09/2021	9:17:59	78784.02	394726.72	36.16	Soil	11,160	-0.25
08/09/2021	9:18:00	78784.22	394726.53	36.26	Soil	11,400	-0.08
08/09/2021	9:18:01	78784.55	394726.47	36.32	Soil	10,920	-0.41
08/09/2021	9:18:02	78784.48	394726.60	36.37	Soil	11,220	-0.20
08/09/2021	9:18:03	78784.29	394726.42	36.37	Soil	11,520	0.01
08/09/2021	9:18:04	78784.28	394726.19	36.42	Soil	11,520	0.01
08/09/2021	9:18:05	78784.15	394726.54	36.33	Soil	11,100	-0.29
08/09/2021	9:18:06	78784.22	394727.01	36.27	Soil	11,880	0.26
08/09/2021	9:18:07	78784.37	394726.62	36.41	Soil	12,600	0.76
08/09/2021	9:18:08	78784.35	394726.20	36.40	Soil	10,560	-0.67
08/09/2021	9:18:09	78784.36	394726.19	36.38	Soil	11,760	0.18
08/09/2021	9:18:10	78784.32	394726.23	36.37	Soil	10,980	-0.37
08/09/2021	9:18:11	78784.32	394726.34	36.35	Soil	11,040	-0.33
08/09/2021	9:18:12	78784.27	394726.70	36.12	Soil	10,740	-0.54
08/09/2021	9:18:13	78784.21	394727.08	36.13	Soil	11,760	0.18
08/09/2021	9:18:16	78784.23	394726.90	36.09	Soil	12,480	0.68
08/09/2021	9:18:18	78784.18	394726.77	36.20	Soil	12,480	0.68
08/09/2021	9:18:19	78784.29	394726.52	36.28	Soil	10,620	-0.62
08/09/2021	9:18:20	78784.20	394726.53	36.20	Soil	11,520	0.01
08/09/2021	9:18:21	78784.13	394726.75	36.16	Soil	13,200	1.19
08/09/2021	9:18:22	78784.11	394727.02	36.11	Soil	11,280	-0.16
08/09/2021	9:18:23	78784.30	394726.84	36.15	Soil	11,640	0.09
08/09/2021	9:18:24	78784.24	394726.81	36.35	Soil	9,180	-1.64
08/09/2021	9:18:25	78784.23	394726.68	36.32	Soil	12,840	0.93
08/09/2021	9:18:26	78784.22	394726.68	36.14	Soil	10,620	-0.62
08/09/2021	9:18:27	78784.10	394726.78	36.25	Soil	11,280	-0.16
08/09/2021	9:18:28	78783.99	394726.80	36.10	Soil	11,700	0.13

SU 7D GWS RESULTS
(SOIL)

08/09/2021	9:18:29	78784.12	394726.78	36.12	Soil	11,280	-0.16
08/09/2021	9:18:30	78784.12	394726.79	36.12	Soil	12,300	0.55
08/09/2021	9:18:31	78784.19	394726.83	36.13	Soil	10,140	-0.96
08/09/2021	9:18:32	78784.04	394727.01	36.08	Soil	11,700	0.13
08/09/2021	9:18:33	78784.22	394727.16	36.15	Soil	12,900	0.98
08/09/2021	9:18:35	78784.34	394726.93	35.89	Soil	11,160	-0.25
08/09/2021	9:18:37	78784.36	394727.21	36.06	Soil	10,980	-0.37
08/09/2021	9:18:39	78784.41	394726.69	36.07	Soil	10,320	-0.84
08/09/2021	9:18:40	78784.22	394726.77	35.99	Soil	11,400	-0.08
08/09/2021	9:18:43	78784.48	394726.66	35.93	Soil	10,140	-0.96
08/09/2021	9:18:46	78784.56	394726.63	35.97	Soil	10,320	-0.84
08/09/2021	9:18:47	78784.34	394726.73	35.74	Soil	12,180	0.47
08/09/2021	9:18:50	78784.04	394726.79	35.70	Soil	11,520	0.01
08/09/2021	9:18:51	78784.15	394726.94	35.71	Soil	9,720	-1.26
08/09/2021	9:18:53	78784.23	394726.90	35.77	Soil	10,440	-0.75
08/09/2021	9:18:55	78784.23	394727.48	35.48	Soil	10,260	-0.88
08/09/2021	9:18:56	78784.28	394727.61	35.53	Soil	9,900	-1.13
08/09/2021	9:18:57	78783.97	394727.25	35.60	Soil	12,720	0.85
08/09/2021	9:18:58	78783.98	394727.03	35.59	Soil	11,160	-0.25
08/09/2021	9:18:59	78784.33	394727.51	35.45	Soil	11,820	0.22
08/09/2021	9:19:00	78784.36	394727.59	35.44	Soil	12,060	0.39
08/09/2021	9:19:01	78783.96	394727.18	35.51	Soil	10,320	-0.84
08/09/2021	9:19:03	78784.12	394727.64	35.41	Soil	11,040	-0.33
08/09/2021	9:19:04	78784.01	394727.49	35.46	Soil	10,860	-0.46
08/09/2021	9:19:06	78784.15	394727.75	35.35	Soil	11,760	0.18
08/09/2021	9:19:07	78784.26	394727.72	35.39	Soil	9,960	-1.09
08/09/2021	9:19:12	78783.98	394727.43	35.38	Soil	11,280	-0.16
08/09/2021	9:19:48	78784.03	394727.47	35.83	Soil	11,880	0.26
08/09/2021	9:19:51	78783.97	394727.22	35.85	Soil	11,040	-0.33
08/09/2021	9:19:54	78784.01	394727.45	35.88	Soil	11,040	-0.33
08/09/2021	9:19:55	78784.00	394727.57	35.84	Soil	11,580	0.05
08/09/2021	9:20:01	78784.03	394727.49	35.92	Soil	10,860	-0.46
08/09/2021	9:20:02	78784.07	394727.50	35.89	Soil	11,700	0.13
08/09/2021	9:20:05	78784.06	394727.31	35.91	Soil	10,740	-0.54
08/09/2021	9:20:06	78783.99	394727.58	35.99	Soil	9,900	-1.13
08/09/2021	9:20:12	78783.35	394727.04	36.65	Soil	9,660	-1.30
08/09/2021	9:20:13	78783.23	394727.12	36.73	Soil	12,480	0.68
08/09/2021	9:20:14	78783.06	394727.30	36.83	Soil	10,620	-0.62
08/09/2021	9:20:15	78782.96	394727.03	36.94	Soil	12,180	0.47
08/09/2021	9:20:17	78782.92	394727.09	36.97	Soil	10,440	-0.75
08/09/2021	9:20:18	78782.93	394727.22	36.98	Soil	13,020	1.06
08/09/2021	9:20:21	78782.67	394727.08	37.27	Soil	11,400	-0.08
08/09/2021	9:20:22	78782.54	394726.89	37.42	Soil	11,100	-0.29
08/09/2021	9:20:23	78782.44	394726.61	37.45	Soil	11,160	-0.25
08/09/2021	9:20:24	78782.36	394726.79	37.45	Soil	11,940	0.30
08/09/2021	9:20:25	78782.38	394726.97	37.47	Soil	11,700	0.13
08/09/2021	9:20:26	78782.39	394726.70	37.60	Soil	10,500	-0.71
08/09/2021	9:20:27	78782.23	394726.55	37.69	Soil	10,620	-0.62
08/09/2021	9:20:28	78782.03	394726.75	37.80	Soil	11,460	-0.04
08/09/2021	9:20:29	78781.97	394726.71	37.91	Soil	9,300	-1.55
08/09/2021	9:20:30	78781.88	394726.42	38.03	Soil	10,500	-0.71

SU 7D GWS RESULTS
(SOIL)

08/09/2021	9:20:31	78781.66	394726.40	38.14	Soil	9,780	-1.21
08/09/2021	9:20:32	78781.52	394726.53	38.27	Soil	11,700	0.13
08/09/2021	9:20:33	78781.47	394726.38	38.38	Soil	10,500	-0.71
08/09/2021	9:20:34	78781.34	394726.14	38.45	Soil	14,040	1.78
08/09/2021	9:20:35	78781.14	394726.24	38.57	Soil	10,560	-0.67
08/09/2021	9:20:36	78781.04	394726.28	38.61	Soil	12,900	0.98
08/09/2021	9:20:37	78781.01	394726.05	38.63	Soil	9,780	-1.21
08/09/2021	9:20:38	78781.01	394726.07	38.64	Soil	11,040	-0.33
08/09/2021	9:20:39	78780.89	394726.22	38.61	Soil	11,160	-0.25
08/09/2021	9:20:40	78780.62	394726.04	38.50	Soil	10,140	-0.96
08/09/2021	9:20:41	78780.51	394725.85	38.35	Soil	10,380	-0.79
08/09/2021	9:20:42	78780.46	394725.97	38.16	Soil	11,280	-0.16
08/09/2021	9:20:43	78780.22	394725.98	38.01	Soil	11,340	-0.12
08/09/2021	9:20:44	78780.00	394725.73	38.07	Soil	10,800	-0.50
08/09/2021	9:20:45	78779.97	394725.73	38.09	Soil	10,140	-0.96
08/09/2021	9:20:46	78780.00	394726.02	38.15	Soil	11,820	0.22
08/09/2021	9:20:47	78779.96	394726.10	38.24	Soil	12,540	0.72
08/09/2021	9:20:48	78779.85	394725.80	38.25	Soil	10,200	-0.92
08/09/2021	9:20:49	78779.87	394725.85	38.21	Soil	12,060	0.39
08/09/2021	9:20:50	78780.04	394726.18	38.17	Soil	11,640	0.09
08/09/2021	9:20:51	78780.04	394726.04	38.19	Soil	11,160	-0.25
08/09/2021	9:20:52	78779.94	394725.80	38.21	Soil	10,200	-0.92
08/09/2021	9:20:53	78780.05	394726.08	38.20	Soil	12,600	0.76
08/09/2021	9:20:54	78780.05	394726.20	38.22	Soil	11,280	-0.16
08/09/2021	9:20:55	78779.95	394725.91	38.21	Soil	10,980	-0.37
08/09/2021	9:20:56	78780.02	394725.95	38.18	Soil	10,740	-0.54
08/09/2021	9:20:57	78780.13	394726.24	38.17	Soil	10,020	-1.05
08/09/2021	9:20:58	78780.09	394726.13	38.17	Soil	10,620	-0.62
08/09/2021	9:20:59	78780.10	394725.95	38.01	Soil	12,720	0.85
08/09/2021	9:21:00	78780.23	394726.19	37.53	Soil	10,140	-0.96
08/09/2021	9:21:01	78780.29	394726.36	37.36	Soil	9,240	-1.59
08/09/2021	9:21:02	78780.21	394726.17	37.42	Soil	11,100	-0.29
08/09/2021	9:21:03	78780.24	394726.01	37.35	Soil	12,000	0.34
08/09/2021	9:21:04	78780.34	394726.12	37.35	Soil	11,220	-0.20
08/09/2021	9:21:05	78780.41	394725.99	37.29	Soil	10,740	-0.54
08/09/2021	9:21:06	78780.36	394726.02	37.27	Soil	11,460	-0.04
08/09/2021	9:21:07	78780.26	394726.37	37.29	Soil	11,880	0.26
08/09/2021	9:21:08	78780.25	394726.73	37.33	Soil	10,140	-0.96
08/09/2021	9:21:09	78780.30	394726.91	37.58	Soil	11,040	-0.33
08/09/2021	9:21:10	78780.31	394726.87	37.79	Soil	11,520	0.01
08/09/2021	9:21:11	78780.35	394726.84	38.06	Soil	10,320	-0.84
08/09/2021	9:21:12	78780.21	394727.12	38.37	Soil	11,160	-0.25
08/09/2021	9:21:16	78779.12	394729.07	38.90	Soil	10,320	-0.84
08/09/2021	9:21:17	78778.79	394729.38	38.92	Soil	10,200	-0.92
08/09/2021	9:21:18	78778.52	394729.75	38.96	Soil	12,060	0.39
08/09/2021	9:21:19	78778.09	394730.30	39.48	Soil	10,080	-1.00
08/09/2021	9:35:23	78775.91	394727.27	38.14	Soil	10,920	-0.41
08/09/2021	9:35:40	78776.33	394727.41	38.25	Soil	11,220	-0.20
08/09/2021	9:35:41	78776.39	394727.63	38.21	Soil	9,840	-1.17
08/09/2021	9:35:42	78776.35	394727.82	38.25	Soil	10,620	-0.62
08/09/2021	9:35:43	78776.31	394727.78	38.23	Soil	9,240	-1.59

SU 7D GWS RESULTS
(SOIL)

08/09/2021	9:35:44	78776.29	394727.66	38.20	Soil	11,280	-0.16
08/09/2021	9:35:45	78776.31	394727.70	38.20	Soil	10,740	-0.54
08/09/2021	9:35:46	78776.29	394727.72	38.21	Soil	9,420	-1.47
08/09/2021	9:35:47	78776.23	394727.71	38.18	Soil	9,900	-1.13
08/09/2021	9:35:48	78776.27	394727.79	38.23	Soil	9,540	-1.38
08/09/2021	9:35:49	78776.32	394727.83	38.24	Soil	11,880	0.26
08/09/2021	9:36:00	78776.34	394727.36	38.41	Soil	12,060	0.39
08/09/2021	9:36:01	78776.30	394727.77	38.32	Soil	9,060	-1.72
08/09/2021	9:36:04	78776.57	394727.89	38.25	Soil	10,320	-0.84
08/09/2021	9:36:05	78776.46	394727.82	38.31	Soil	11,160	-0.25
08/09/2021	9:36:06	78776.52	394727.92	38.32	Soil	11,100	-0.29
08/09/2021	9:36:07	78776.53	394727.97	38.26	Soil	12,420	0.64
08/09/2021	9:36:08	78776.68	394727.56	38.34	Soil	12,240	0.51
08/09/2021	9:36:09	78776.65	394727.50	38.31	Soil	10,680	-0.58
08/09/2021	9:36:10	78776.58	394728.02	38.24	Soil	10,320	-0.84
08/09/2021	9:36:11	78776.56	394728.22	38.25	Soil	13,020	1.06
08/09/2021	9:36:12	78776.71	394727.77	38.14	Soil	10,860	-0.46
08/09/2021	9:36:13	78776.80	394727.78	38.04	Soil	10,020	-1.05
08/09/2021	9:36:14	78776.70	394728.18	38.09	Soil	9,540	-1.38
08/09/2021	9:36:16	78776.64	394728.12	38.21	Soil	9,360	-1.51
08/09/2021	9:36:17	78776.73	394728.01	38.20	Soil	11,580	0.05
08/09/2021	9:36:23	78777.11	394728.49	38.02	Soil	12,180	0.47
08/09/2021	9:36:24	78776.81	394728.25	38.22	Soil	10,920	-0.41
08/09/2021	9:36:25	78776.68	394728.06	38.36	Soil	10,680	-0.58
08/09/2021	9:36:26	78776.73	394728.21	38.36	Soil	10,800	-0.50
08/09/2021	9:36:27	78777.02	394728.66	37.83	Soil	11,820	0.22
08/09/2021	9:36:28	78777.14	394728.61	37.90	Soil	11,460	-0.04
08/09/2021	9:36:29	78777.01	394728.36	38.14	Soil	10,920	-0.41
08/09/2021	9:36:30	78776.96	394728.15	38.24	Soil	11,040	-0.33
08/09/2021	9:36:31	78776.99	394727.93	38.28	Soil	10,020	-1.05
08/09/2021	9:36:34	78776.91	394728.07	38.33	Soil	12,240	0.51
08/09/2021	9:36:35	78776.91	394728.21	38.26	Soil	11,400	-0.08
08/09/2021	9:36:36	78777.13	394727.67	38.26	Soil	11,640	0.09
08/09/2021	9:36:37	78777.09	394727.69	38.10	Soil	10,980	-0.37
08/09/2021	9:36:39	78777.13	394728.34	38.19	Soil	10,980	-0.37
08/09/2021	9:36:40	78777.07	394728.35	38.17	Soil	10,740	-0.54
08/09/2021	9:36:41	78777.09	394727.92	38.14	Soil	12,240	0.51
08/09/2021	9:36:44	78777.09	394727.89	38.34	Soil	10,920	-0.41
08/09/2021	9:36:45	78777.07	394727.89	38.30	Soil	10,020	-1.05
08/09/2021	9:36:47	78777.07	394727.12	38.44	Soil	11,460	-0.04
08/09/2021	9:36:48	78776.87	394727.49	38.34	Soil	11,880	0.26
08/09/2021	9:36:49	78776.81	394727.82	38.34	Soil	10,200	-0.92
08/09/2021	9:36:50	78776.94	394728.06	38.33	Soil	9,600	-1.34
08/09/2021	9:36:51	78776.86	394727.87	38.41	Soil	11,220	-0.20
08/09/2021	9:36:52	78776.87	394727.51	38.51	Soil	11,580	0.05
08/09/2021	9:36:53	78776.90	394727.71	38.43	Soil	10,860	-0.46
08/09/2021	9:36:54	78776.85	394728.22	38.45	Soil	11,820	0.22
08/09/2021	9:36:55	78776.88	394728.01	38.53	Soil	10,980	-0.37
08/09/2021	9:36:57	78777.12	394727.70	38.70	Soil	10,560	-0.67
08/09/2021	9:36:58	78776.93	394727.93	38.69	Soil	10,380	-0.79
08/09/2021	9:36:59	78776.97	394727.63	38.70	Soil	11,220	-0.20

SU 7D GWS RESULTS
(SOIL)

08/09/2021	9:37:01	78777.00	394727.95	38.72	Soil	11,040	-0.33
08/09/2021	9:37:02	78776.89	394727.85	38.65	Soil	10,560	-0.67
08/09/2021	9:37:05	78776.95	394727.90	38.69	Soil	11,220	-0.20
08/09/2021	9:37:06	78776.98	394727.73	38.68	Soil	11,520	0.01
08/09/2021	9:37:12	78777.31	394726.98	38.33	Soil	10,200	-0.92
08/09/2021	9:37:13	78777.34	394726.97	38.31	Soil	12,960	1.02
08/09/2021	9:37:14	78777.29	394726.96	38.32	Soil	10,260	-0.88
08/09/2021	9:37:15	78777.28	394726.88	38.27	Soil	9,960	-1.09
08/09/2021	9:37:16	78777.24	394726.96	38.35	Soil	10,320	-0.84
08/09/2021	9:37:17	78777.34	394726.95	38.27	Soil	11,280	-0.16
08/09/2021	9:37:18	78777.33	394726.86	38.27	Soil	12,420	0.64
08/09/2021	9:37:20	78777.33	394727.16	38.34	Soil	12,480	0.68
08/09/2021	9:37:24	78777.33	394726.91	38.27	Soil	11,280	-0.16
08/09/2021	9:37:25	78777.22	394726.74	38.23	Soil	11,700	0.13
08/09/2021	9:37:26	78777.24	394726.78	38.26	Soil	10,140	-0.96
08/09/2021	9:37:27	78777.24	394726.70	38.25	Soil	12,300	0.55
08/09/2021	9:37:28	78777.28	394726.66	38.20	Soil	10,500	-0.71
08/09/2021	9:37:29	78777.32	394726.61	38.20	Soil	10,920	-0.41
08/09/2021	9:37:30	78777.34	394726.64	38.20	Soil	9,480	-1.42
08/09/2021	9:37:31	78777.34	394726.63	38.20	Soil	11,940	0.30
08/09/2021	9:37:32	78777.33	394726.63	38.19	Soil	10,980	-0.37
08/09/2021	9:37:33	78777.33	394726.58	38.14	Soil	11,400	-0.08
08/09/2021	9:37:34	78777.33	394726.61	38.15	Soil	9,840	-1.17
08/09/2021	9:37:35	78777.33	394726.67	38.16	Soil	11,040	-0.33
08/09/2021	9:37:36	78777.35	394726.64	38.14	Soil	12,180	0.47
08/09/2021	9:37:37	78777.45	394726.55	38.09	Soil	10,560	-0.67
08/09/2021	9:37:38	78777.53	394726.65	38.24	Soil	10,740	-0.54
08/09/2021	9:37:39	78777.61	394726.41	38.26	Soil	10,740	-0.54
08/09/2021	9:37:40	78777.64	394725.94	38.25	Soil	12,060	0.39
08/09/2021	9:37:41	78777.78	394725.72	38.45	Soil	11,100	-0.29
08/09/2021	9:37:42	78777.90	394725.77	38.42	Soil	12,000	0.34
08/09/2021	9:37:43	78777.90	394726.21	38.32	Soil	10,980	-0.37
08/09/2021	9:37:46	78777.89	394725.97	38.23	Soil	11,100	-0.29
08/09/2021	9:37:47	78777.91	394725.85	38.23	Soil	12,840	0.93
08/09/2021	9:37:48	78778.11	394726.30	38.11	Soil	12,720	0.85
08/09/2021	9:37:49	78778.24	394726.53	38.00	Soil	12,540	0.72
08/09/2021	9:37:50	78778.08	394726.05	38.11	Soil	12,180	0.47
08/09/2021	9:37:51	78777.79	394725.66	38.31	Soil	11,640	0.09
08/09/2021	9:37:52	78777.70	394725.63	38.36	Soil	12,780	0.89
08/09/2021	9:37:53	78777.77	394725.91	38.13	Soil	10,980	-0.37
08/09/2021	9:37:54	78777.77	394725.91	38.40	Soil	11,820	0.22
08/09/2021	9:37:55	78777.78	394725.98	38.36	Soil	12,300	0.55
08/09/2021	9:37:58	78777.69	394726.56	38.25	Soil	12,540	0.72
08/09/2021	9:37:59	78777.61	394726.36	38.22	Soil	11,220	-0.20
08/09/2021	9:38:00	78777.54	394726.58	38.34	Soil	11,460	-0.04
08/09/2021	9:38:01	78777.25	394727.01	38.45	Soil	10,920	-0.41
08/09/2021	9:38:02	78777.27	394726.69	38.34	Soil	10,860	-0.46
08/09/2021	9:38:03	78777.60	394726.30	38.29	Soil	11,340	-0.12
08/09/2021	9:38:04	78777.56	394726.47	38.40	Soil	11,820	0.22
08/09/2021	9:38:05	78777.20	394726.64	38.44	Soil	12,900	0.98
08/09/2021	9:38:06	78777.08	394726.41	38.44	Soil	11,340	-0.12

SU 7D GWS RESULTS
(SOIL)

08/09/2021	9:38:07	78777.39	394726.22	38.47	Soil	11,340	-0.12
08/09/2021	9:38:08	78777.47	394725.87	38.43	Soil	11,160	-0.25
08/09/2021	9:38:09	78777.38	394725.74	38.50	Soil	12,900	0.98
08/09/2021	9:38:10	78777.24	394725.90	38.53	Soil	9,780	-1.21
08/09/2021	9:38:11	78777.20	394726.11	38.50	Soil	12,540	0.72
08/09/2021	9:38:12	78777.34	394726.32	38.43	Soil	10,800	-0.50
08/09/2021	9:38:13	78777.43	394726.10	38.51	Soil	11,880	0.26
08/09/2021	9:38:14	78777.35	394725.78	38.60	Soil	10,560	-0.67
08/09/2021	9:38:15	78777.28	394725.57	38.62	Soil	11,460	-0.04
08/09/2021	9:38:16	78777.15	394725.67	38.63	Soil	10,860	-0.46
08/09/2021	9:38:17	78777.01	394725.89	38.62	Soil	11,640	0.09
08/09/2021	9:38:18	78776.97	394726.23	38.49	Soil	11,940	0.30
08/09/2021	9:38:19	78777.05	394726.40	38.46	Soil	11,520	0.01
08/09/2021	9:38:20	78777.04	394726.03	38.60	Soil	12,000	0.34
08/09/2021	9:38:21	78776.92	394725.58	38.66	Soil	11,700	0.13
08/09/2021	9:38:22	78776.83	394725.66	38.67	Soil	11,880	0.26
08/09/2021	9:38:23	78776.87	394725.92	38.52	Soil	12,480	0.68
08/09/2021	9:38:24	78776.99	394726.38	38.46	Soil	11,520	0.01
08/09/2021	9:38:25	78776.98	394726.85	38.51	Soil	11,640	0.09
08/09/2021	9:38:26	78777.24	394726.61	38.40	Soil	12,540	0.72
08/09/2021	9:38:27	78777.28	394726.18	38.51	Soil	11,820	0.22
08/09/2021	9:38:28	78776.99	394726.27	38.50	Soil	10,860	-0.46
08/09/2021	9:38:29	78776.94	394726.60	38.52	Soil	13,080	1.10
08/09/2021	9:38:30	78776.84	394726.36	38.64	Soil	12,120	0.43
08/09/2021	9:38:31	78776.90	394725.93	38.64	Soil	11,280	-0.16
08/09/2021	9:38:32	78776.82	394725.52	38.70	Soil	9,420	-1.47
08/09/2021	9:38:33	78776.68	394725.63	38.60	Soil	9,480	-1.42
08/09/2021	9:38:34	78776.63	394726.00	38.59	Soil	13,200	1.19
08/09/2021	9:38:35	78776.67	394726.25	38.54	Soil	12,240	0.51
08/09/2021	9:38:36	78776.72	394726.72	38.39	Soil	14,400	2.03
08/09/2021	9:38:37	78776.66	394726.51	38.44	Soil	11,460	-0.04
08/09/2021	9:38:38	78776.76	394726.22	38.52	Soil	11,700	0.13
08/09/2021	9:38:39	78776.81	394725.81	38.56	Soil	12,180	0.47
08/09/2021	9:38:40	78776.83	394725.79	38.61	Soil	13,500	1.40
08/09/2021	9:38:41	78776.98	394726.51	38.42	Soil	11,040	-0.33
08/09/2021	9:38:42	78776.97	394727.16	38.21	Soil	10,920	-0.41
08/09/2021	9:38:43	78777.04	394727.02	38.21	Soil	11,460	-0.04
08/09/2021	9:38:44	78776.96	394726.75	38.26	Soil	12,900	0.98
08/09/2021	9:38:45	78776.91	394726.52	38.19	Soil	12,000	0.34
08/09/2021	9:38:46	78776.88	394726.46	38.27	Soil	11,880	0.26
08/09/2021	9:38:47	78776.88	394726.42	38.37	Soil	10,920	-0.41
08/09/2021	9:38:48	78776.98	394726.81	38.37	Soil	12,900	0.98
08/09/2021	9:38:49	78776.87	394727.17	38.19	Soil	10,980	-0.37
08/09/2021	9:38:50	78776.84	394727.13	38.23	Soil	12,840	0.93
08/09/2021	9:38:51	78776.91	394726.83	38.28	Soil	9,900	-1.13
08/09/2021	9:38:52	78776.90	394726.29	38.42	Soil	11,100	-0.29
08/09/2021	9:38:53	78776.87	394726.00	38.44	Soil	11,340	-0.12
08/09/2021	9:38:54	78776.87	394726.21	38.35	Soil	12,480	0.68
08/09/2021	9:38:55	78776.81	394726.77	38.37	Soil	13,140	1.14
08/09/2021	9:38:56	78776.66	394726.86	38.28	Soil	11,460	-0.04
08/09/2021	9:38:57	78776.71	394726.34	38.40	Soil	11,400	-0.08

SU 7D GWS RESULTS
(SOIL)

08/09/2021	9:38:58	78776.74	394726.32	38.40	Soil	12,780	0.89
08/09/2021	9:38:59	78776.60	394726.72	38.30	Soil	12,120	0.43
08/09/2021	9:39:00	78776.52	394727.04	38.19	Soil	12,480	0.68
08/09/2021	9:39:01	78776.70	394726.61	38.27	Soil	11,220	-0.20
08/09/2021	9:39:02	78776.75	394726.05	38.28	Soil	11,160	-0.25
08/09/2021	9:39:03	78776.70	394726.13	38.26	Soil	9,600	-1.34
08/09/2021	9:39:04	78776.66	394726.75	38.19	Soil	11,880	0.26
08/09/2021	9:39:05	78776.49	394726.70	38.14	Soil	11,580	0.05
08/09/2021	9:39:06	78776.58	394726.10	38.27	Soil	11,820	0.22
08/09/2021	9:39:07	78776.59	394725.92	38.24	Soil	11,280	-0.16
08/09/2021	9:39:08	78776.61	394726.33	38.27	Soil	11,760	0.18
08/09/2021	9:39:09	78776.66	394726.75	38.15	Soil	12,420	0.64
08/09/2021	9:39:10	78776.55	394726.90	38.09	Soil	11,160	-0.25
08/09/2021	9:39:11	78776.34	394726.93	38.18	Soil	10,920	-0.41
08/09/2021	9:39:12	78776.29	394727.04	38.16	Soil	10,800	-0.50
08/09/2021	9:39:13	78776.41	394726.85	38.15	Soil	9,840	-1.17
08/09/2021	9:39:14	78776.41	394726.61	38.10	Soil	12,360	0.60
08/09/2021	9:39:15	78776.37	394726.48	38.09	Soil	12,540	0.72
08/09/2021	9:39:16	78776.50	394726.20	38.14	Soil	11,940	0.30
08/09/2021	9:39:17	78776.59	394726.05	38.07	Soil	11,760	0.18
08/09/2021	9:39:18	78776.77	394726.02	38.08	Soil	10,320	-0.84
08/09/2021	9:39:19	78777.19	394725.94	37.91	Soil	10,680	-0.58
08/09/2021	9:39:20	78777.21	394726.00	37.93	Soil	10,500	-0.71
08/09/2021	9:39:21	78776.78	394725.98	38.01	Soil	12,480	0.68
08/09/2021	9:39:22	78776.52	394725.96	38.09	Soil	11,460	-0.04
08/09/2021	9:39:23	78776.60	394725.92	38.12	Soil	10,980	-0.37
08/09/2021	9:39:24	78776.99	394725.75	37.94	Soil	11,820	0.22
08/09/2021	9:39:25	78777.08	394725.67	37.95	Soil	11,940	0.30
08/09/2021	9:39:26	78776.74	394725.79	38.07	Soil	11,640	0.09
08/09/2021	9:39:27	78776.95	394725.65	38.10	Soil	10,740	-0.54
08/09/2021	9:39:28	78777.03	394725.61	38.08	Soil	10,800	-0.50
08/09/2021	9:39:29	78776.61	394725.84	38.26	Soil	13,140	1.14
08/09/2021	9:39:30	78776.47	394725.95	38.16	Soil	12,600	0.76
08/09/2021	9:39:31	78776.50	394725.94	38.20	Soil	11,220	-0.20
08/09/2021	9:39:32	78776.88	394725.84	38.09	Soil	10,440	-0.75
08/09/2021	9:39:33	78776.83	394725.93	38.14	Soil	10,140	-0.96
08/09/2021	9:39:34	78776.38	394725.98	38.23	Soil	11,580	0.05
08/09/2021	9:39:35	78776.45	394725.55	38.29	Soil	11,520	0.01
08/09/2021	9:39:36	78776.60	394725.34	38.32	Soil	11,040	-0.33
08/09/2021	9:39:37	78776.20	394725.46	38.46	Soil	10,680	-0.58
08/09/2021	9:39:38	78776.19	394725.69	38.43	Soil	12,360	0.60
08/09/2021	9:39:39	78776.53	394725.52	38.42	Soil	13,320	1.27
08/09/2021	9:39:40	78776.32	394725.62	38.54	Soil	11,160	-0.25
08/09/2021	9:39:41	78775.94	394725.87	38.44	Soil	11,340	-0.12
08/09/2021	9:39:42	78776.02	394726.20	38.49	Soil	10,740	-0.54
08/09/2021	9:39:43	78775.95	394726.80	38.39	Soil	12,600	0.76
08/09/2021	9:39:44	78775.85	394726.99	38.25	Soil	10,920	-0.41
08/09/2021	9:39:45	78775.76	394726.77	38.45	Soil	10,500	-0.71
08/09/2021	9:39:46	78775.65	394726.91	38.40	Soil	11,100	-0.29
08/09/2021	9:39:49	78775.80	394726.66	38.52	Soil	11,040	-0.33
08/09/2021	9:39:50	78775.92	394726.48	38.34	Soil	10,980	-0.37

SU 7D GWS RESULTS
(SOIL)

08/09/2021	9:39:51	78775.85	394726.45	38.57	Soil	10,800	-0.50
08/09/2021	9:39:52	78775.72	394726.41	38.67	Soil	10,320	-0.84
08/09/2021	9:39:53	78775.95	394726.18	38.53	Soil	10,500	-0.71
08/09/2021	9:39:54	78776.24	394725.96	38.43	Soil	12,540	0.72
08/09/2021	9:39:55	78776.03	394726.04	38.54	Soil	11,880	0.26
08/09/2021	9:39:56	78775.84	394726.12	38.68	Soil	11,280	-0.16
08/09/2021	9:39:57	78775.78	394726.43	38.76	Soil	11,820	0.22
08/09/2021	9:39:58	78775.78	394726.83	38.75	Soil	12,000	0.34
08/09/2021	9:39:59	78775.67	394726.80	38.85	Soil	10,140	-0.96
08/09/2021	9:40:00	78775.72	394726.42	38.82	Soil	11,940	0.30
08/09/2021	9:40:01	78775.81	394725.86	38.88	Soil	10,860	-0.46
08/09/2021	9:40:02	78775.78	394725.54	38.95	Soil	9,900	-1.13
08/09/2021	9:40:03	78775.66	394725.47	39.01	Soil	9,540	-1.38
08/09/2021	9:40:04	78775.53	394725.73	39.02	Soil	11,220	-0.20
08/09/2021	9:40:05	78775.48	394726.21	38.94	Soil	11,160	-0.25
08/09/2021	9:40:14	78775.28	394726.49	38.92	Soil	10,260	-0.88
08/09/2021	9:40:15	78775.33	394726.34	38.99	Soil	11,820	0.22
08/09/2021	9:40:16	78775.23	394726.42	39.14	Soil	10,500	-0.71
08/09/2021	9:40:17	78775.30	394726.29	39.12	Soil	11,340	-0.12
08/09/2021	9:40:18	78775.60	394725.89	39.15	Soil	10,800	-0.50
08/09/2021	9:40:19	78775.79	394725.53	39.12	Soil	11,640	0.09
08/09/2021	9:40:20	78775.47	394725.67	39.19	Soil	10,800	-0.50
08/09/2021	9:40:21	78775.28	394725.94	39.17	Soil	11,700	0.13
08/09/2021	9:40:22	78775.34	394726.22	39.08	Soil	11,880	0.26
08/09/2021	9:40:23	78775.40	394726.42	39.07	Soil	11,400	-0.08
08/09/2021	9:40:24	78775.50	394726.59	38.99	Soil	10,920	-0.41
08/09/2021	9:40:25	78775.40	394726.56	39.05	Soil	11,040	-0.33
08/09/2021	9:40:36	78775.30	394726.51	39.19	Soil	12,120	0.43
08/09/2021	9:40:37	78775.24	394726.27	39.16	Soil	11,760	0.18
08/09/2021	9:40:38	78775.39	394726.12	39.13	Soil	10,740	-0.54
08/09/2021	9:40:39	78775.48	394725.97	39.20	Soil	11,400	-0.08
08/09/2021	9:40:40	78775.20	394726.20	39.29	Soil	11,160	-0.25
08/09/2021	9:40:42	78774.96	394726.09	39.38	Soil	11,220	-0.20
08/09/2021	9:40:43	78775.33	394725.56	39.36	Soil	10,440	-0.75
08/09/2021	9:40:44	78775.30	394725.57	39.32	Soil	11,220	-0.20
08/09/2021	9:40:45	78775.04	394725.76	39.30	Soil	12,360	0.60
08/09/2021	9:40:46	78775.06	394725.84	39.19	Soil	10,080	-1.00
08/09/2021	9:40:47	78775.36	394725.75	39.33	Soil	10,560	-0.67
08/09/2021	9:40:48	78775.27	394725.43	39.42	Soil	10,260	-0.88
08/09/2021	9:40:49	78774.90	394725.60	39.50	Soil	10,620	-0.62
08/09/2021	9:40:50	78774.94	394725.77	39.47	Soil	10,080	-1.00
08/09/2021	9:40:51	78775.16	394725.77	39.43	Soil	10,680	-0.58
08/09/2021	9:40:52	78775.00	394725.89	39.47	Soil	11,280	-0.16
08/09/2021	9:40:53	78774.85	394725.72	39.46	Soil	11,640	0.09
08/09/2021	9:40:54	78774.92	394725.60	39.50	Soil	11,520	0.01
08/09/2021	9:40:55	78774.97	394725.89	39.42	Soil	12,180	0.47
08/09/2021	9:40:56	78775.06	394726.16	39.36	Soil	11,940	0.30
08/09/2021	9:40:57	78775.33	394725.97	39.30	Soil	12,060	0.39
08/09/2021	9:40:58	78775.46	394725.80	39.30	Soil	11,100	-0.29
08/09/2021	9:40:59	78775.15	394726.15	39.26	Soil	10,440	-0.75
08/09/2021	9:41:03	78775.07	394725.83	39.73	Soil	11,640	0.09

SU 7D GWS RESULTS
(SOIL)

08/09/2021	9:41:04	78774.95	394725.75	39.72	Soil	10,860	-0.46
08/09/2021	9:41:06	78775.02	394725.97	39.76	Soil	10,560	-0.67
08/09/2021	9:41:07	78774.93	394725.83	39.72	Soil	11,700	0.13
08/09/2021	9:41:17	78774.72	394725.84	39.51	Soil	10,680	-0.58
08/09/2021	9:41:18	78774.78	394725.86	39.45	Soil	10,980	-0.37
08/09/2021	9:41:28	78774.99	394726.08	39.41	Soil	10,980	-0.37
08/09/2021	9:41:29	78775.07	394725.83	39.35	Soil	11,160	-0.25
08/09/2021	9:41:33	78774.78	394725.81	39.33	Soil	10,620	-0.62
08/09/2021	9:41:34	78774.91	394725.64	39.33	Soil	11,100	-0.29
08/09/2021	9:41:37	78774.69	394725.82	39.47	Soil	10,680	-0.58
08/09/2021	9:42:40	78773.79	394725.05	40.14	Soil	9,960	-1.09
08/09/2021	9:42:41	78773.87	394725.10	39.99	Soil	11,340	-0.12
08/09/2021	9:42:44	78773.76	394724.99	39.91	Soil	10,440	-0.75
08/09/2021	9:42:45	78773.87	394724.99	39.77	Soil	10,080	-1.00
08/09/2021	9:42:46	78773.86	394725.07	39.77	Soil	10,680	-0.58
08/09/2021	9:43:05	78773.96	394725.15	39.63	Soil	10,320	-0.84
08/09/2021	9:43:06	78773.87	394725.12	39.69	Soil	12,120	0.43
08/09/2021	9:43:10	78774.07	394725.30	39.46	Soil	11,400	-0.08
08/09/2021	9:43:13	78774.26	394725.01	39.70	Soil	11,880	0.26
08/09/2021	9:43:14	78774.23	394724.76	39.70	Soil	11,100	-0.29
08/09/2021	9:43:15	78774.09	394725.25	39.65	Soil	11,160	-0.25
08/09/2021	9:43:17	78773.94	394725.20	39.62	Soil	11,400	-0.08
08/09/2021	9:43:21	78774.23	394725.48	39.48	Soil	11,460	-0.04
08/09/2021	9:43:22	78774.34	394725.00	39.52	Soil	10,380	-0.79
08/09/2021	9:43:23	78774.39	394725.08	39.44	Soil	10,200	-0.92
08/09/2021	9:43:27	78774.34	394725.48	39.40	Soil	13,200	1.19
08/09/2021	9:43:28	78774.51	394725.03	39.39	Soil	11,520	0.01
08/09/2021	9:43:29	78774.61	394725.00	39.38	Soil	10,860	-0.46
08/09/2021	9:43:30	78774.50	394725.39	39.22	Soil	12,660	0.81
08/09/2021	9:43:33	78774.73	394725.61	39.00	Soil	11,400	-0.08
08/09/2021	9:43:34	78774.79	394725.29	39.02	Soil	10,320	-0.84
08/09/2021	9:43:35	78774.48	394725.33	39.22	Soil	11,580	0.05
08/09/2021	9:43:36	78774.34	394725.23	39.41	Soil	11,040	-0.33
08/09/2021	9:43:37	78774.44	394724.87	39.43	Soil	9,960	-1.09
08/09/2021	9:43:38	78774.56	394724.57	39.37	Soil	11,700	0.13
08/09/2021	9:43:39	78774.56	394724.56	39.33	Soil	10,620	-0.62
08/09/2021	9:43:40	78774.52	394725.02	39.21	Soil	11,160	-0.25
08/09/2021	9:43:41	78774.44	394725.59	39.23	Soil	10,020	-1.05
08/09/2021	9:43:43	78774.66	394725.81	39.06	Soil	9,960	-1.09
08/09/2021	9:43:44	78774.90	394725.18	38.97	Soil	11,820	0.22
08/09/2021	9:43:45	78775.03	394724.79	38.97	Soil	11,700	0.13
08/09/2021	9:43:46	78774.80	394724.98	39.15	Soil	12,420	0.64
08/09/2021	9:43:47	78774.75	394725.05	39.26	Soil	13,200	1.19
08/09/2021	9:43:48	78775.02	394724.58	39.19	Soil	9,720	-1.26
08/09/2021	9:43:49	78774.99	394724.39	39.12	Soil	11,820	0.22
08/09/2021	9:43:50	78774.82	394724.71	39.02	Soil	10,200	-0.92
08/09/2021	9:43:51	78774.83	394725.25	38.96	Soil	11,640	0.09
08/09/2021	9:43:52	78774.95	394725.56	39.03	Soil	11,160	-0.25
08/09/2021	9:43:53	78775.16	394725.26	38.89	Soil	10,920	-0.41
08/09/2021	9:43:54	78775.30	394724.92	38.87	Soil	13,320	1.27
08/09/2021	9:43:55	78775.09	394725.18	39.05	Soil	10,560	-0.67

SU 7D GWS RESULTS
(SOIL)

08/09/2021	9:43:56	78774.76	394725.52	39.16	Soil	12,060	0.39
08/09/2021	9:43:57	78774.74	394725.24	39.14	Soil	12,120	0.43
08/09/2021	9:43:58	78774.93	394724.99	39.05	Soil	11,640	0.09
08/09/2021	9:43:59	78775.05	394725.40	39.08	Soil	11,460	-0.04
08/09/2021	9:44:00	78775.01	394725.61	39.11	Soil	11,400	-0.08
08/09/2021	9:44:01	78774.93	394725.18	39.04	Soil	12,660	0.81
08/09/2021	9:44:02	78774.85	394724.69	39.14	Soil	11,640	0.09
08/09/2021	9:44:03	78774.89	394724.60	39.22	Soil	11,940	0.30
08/09/2021	9:44:04	78775.08	394724.99	39.00	Soil	11,100	-0.29
08/09/2021	9:44:05	78775.01	394725.34	39.04	Soil	11,340	-0.12
08/09/2021	9:44:06	78774.76	394725.22	39.07	Soil	11,700	0.13
08/09/2021	9:44:07	78774.78	394725.25	39.06	Soil	12,120	0.43
08/09/2021	9:44:08	78774.76	394725.56	39.14	Soil	11,040	-0.33
08/09/2021	9:44:09	78774.56	394725.44	39.24	Soil	12,240	0.51
08/09/2021	9:44:10	78774.57	394725.54	39.24	Soil	11,280	-0.16
08/09/2021	9:44:13	78774.66	394725.36	39.17	Soil	11,280	-0.16
08/09/2021	9:44:14	78774.86	394725.32	39.03	Soil	10,260	-0.88
08/09/2021	9:44:15	78774.87	394725.10	39.21	Soil	12,480	0.68
08/09/2021	9:44:16	78774.90	394724.87	39.33	Soil	11,400	-0.08
08/09/2021	9:44:17	78774.98	394725.13	39.11	Soil	10,980	-0.37
08/09/2021	9:44:18	78775.01	394725.67	39.10	Soil	10,920	-0.41
08/09/2021	9:44:19	78775.00	394725.51	39.07	Soil	11,820	0.22
08/09/2021	9:44:20	78774.97	394724.94	39.18	Soil	10,980	-0.37
08/09/2021	9:44:21	78774.90	394724.95	39.15	Soil	11,880	0.26
08/09/2021	9:44:22	78774.89	394725.32	39.13	Soil	11,040	-0.33
08/09/2021	9:44:23	78775.02	394725.23	39.02	Soil	12,180	0.47
08/09/2021	9:44:24	78775.08	394724.95	39.31	Soil	11,040	-0.33
08/09/2021	9:44:25	78774.98	394724.78	39.32	Soil	10,200	-0.92
08/09/2021	9:44:26	78775.12	394724.52	39.33	Soil	10,200	-0.92
08/09/2021	9:44:27	78775.18	394724.54	39.31	Soil	12,240	0.51
08/09/2021	9:44:28	78774.86	394724.88	39.42	Soil	11,280	-0.16
08/09/2021	9:44:29	78774.86	394724.86	39.22	Soil	10,500	-0.71
08/09/2021	9:44:30	78775.03	394724.76	39.12	Soil	10,980	-0.37
08/09/2021	9:44:31	78774.92	394725.12	39.15	Soil	11,880	0.26
08/09/2021	9:44:32	78774.93	394725.13	39.18	Soil	10,440	-0.75
08/09/2021	9:44:33	78775.14	394724.85	39.19	Soil	10,680	-0.58
08/09/2021	9:44:34	78775.11	394725.18	39.19	Soil	11,820	0.22
08/09/2021	9:44:35	78774.95	394725.56	39.25	Soil	12,360	0.60
08/09/2021	9:44:36	78775.09	394725.38	39.21	Soil	10,920	-0.41
08/09/2021	9:44:37	78775.02	394725.12	39.20	Soil	11,400	-0.08
08/09/2021	9:44:38	78775.01	394725.43	39.33	Soil	11,880	0.26
08/09/2021	9:44:39	78775.15	394725.63	39.38	Soil	10,920	-0.41
08/09/2021	9:44:40	78775.02	394725.15	39.25	Soil	10,680	-0.58
08/09/2021	9:44:41	78775.03	394725.09	39.16	Soil	11,580	0.05
08/09/2021	9:44:42	78775.21	394725.51	39.14	Soil	10,200	-0.92
08/09/2021	9:44:43	78775.20	394725.32	39.05	Soil	10,080	-1.00
08/09/2021	9:44:44	78775.25	394725.15	39.08	Soil	11,700	0.13
08/09/2021	9:44:45	78775.32	394725.44	39.08	Soil	11,100	-0.29
08/09/2021	9:44:46	78775.20	394725.25	39.06	Soil	10,800	-0.50
08/09/2021	9:44:47	78775.24	394724.83	39.23	Soil	11,760	0.18
08/09/2021	9:44:48	78775.15	394724.54	39.40	Soil	10,680	-0.58

SU 7D GWS RESULTS
(SOIL)

08/09/2021	9:44:49	78775.06	394724.60	39.41	Soil	10,860	-0.46
08/09/2021	9:44:50	78775.27	394724.98	39.28	Soil	10,560	-0.67
08/09/2021	9:44:51	78775.27	394725.17	39.10	Soil	11,640	0.09
08/09/2021	9:44:52	78775.06	394725.02	39.04	Soil	10,800	-0.50
08/09/2021	9:44:53	78775.10	394724.96	39.09	Soil	10,860	-0.46
08/09/2021	9:44:54	78775.17	394725.17	39.19	Soil	11,100	-0.29
08/09/2021	9:44:55	78775.29	394725.48	38.96	Soil	10,080	-1.00
08/09/2021	9:44:56	78775.42	394725.38	38.96	Soil	11,700	0.13
08/09/2021	9:44:57	78775.46	394725.03	39.07	Soil	9,720	-1.26
08/09/2021	9:44:58	78775.35	394724.77	39.15	Soil	10,920	-0.41
08/09/2021	9:44:59	78775.22	394724.49	39.24	Soil	10,320	-0.84
08/09/2021	9:45:00	78775.26	394724.40	39.22	Soil	10,920	-0.41
08/09/2021	9:45:01	78775.42	394724.69	39.23	Soil	12,060	0.39
08/09/2021	9:45:02	78775.53	394725.17	39.21	Soil	10,560	-0.67
08/09/2021	9:45:03	78775.53	394725.42	39.01	Soil	8,820	-1.89
08/09/2021	9:45:04	78775.59	394725.44	39.04	Soil	9,900	-1.13
08/09/2021	9:45:05	78775.64	394725.35	38.99	Soil	10,920	-0.41
08/09/2021	9:45:06	78775.74	394725.27	39.08	Soil	11,220	-0.20
08/09/2021	9:45:07	78775.79	394725.24	39.16	Soil	11,640	0.09
08/09/2021	9:45:08	78775.62	394725.01	39.16	Soil	11,520	0.01
08/09/2021	9:45:09	78775.41	394724.57	39.25	Soil	12,360	0.60
08/09/2021	9:45:10	78775.44	394724.69	39.18	Soil	11,940	0.30
08/09/2021	9:45:11	78775.72	394725.29	39.08	Soil	12,720	0.85
08/09/2021	9:45:12	78775.86	394725.60	38.80	Soil	11,520	0.01
08/09/2021	9:45:13	78775.82	394725.66	38.84	Soil	9,000	-1.76
08/09/2021	9:45:14	78775.71	394725.52	38.87	Soil	11,580	0.05
08/09/2021	9:45:15	78775.74	394725.30	38.94	Soil	11,220	-0.20
08/09/2021	9:45:16	78775.98	394725.23	38.76	Soil	11,700	0.13
08/09/2021	9:45:17	78776.01	394725.23	38.80	Soil	10,860	-0.46
08/09/2021	9:45:18	78775.78	394725.25	38.99	Soil	9,960	-1.09
08/09/2021	9:45:19	78775.65	394725.13	39.09	Soil	11,040	-0.33
08/09/2021	9:45:20	78775.67	394724.87	39.08	Soil	12,240	0.51
08/09/2021	9:45:21	78775.65	394724.61	39.05	Soil	13,140	1.14
08/09/2021	9:45:22	78775.61	394724.45	39.11	Soil	12,720	0.85
08/09/2021	9:45:23	78775.72	394724.66	39.10	Soil	11,580	0.05
08/09/2021	9:45:24	78775.87	394725.12	39.02	Soil	12,480	0.68
08/09/2021	9:45:25	78775.85	394725.19	39.14	Soil	10,920	-0.41
08/09/2021	9:45:26	78775.77	394724.87	39.10	Soil	11,100	-0.29
08/09/2021	9:45:27	78775.71	394724.45	39.11	Soil	11,220	-0.20
08/09/2021	9:45:28	78775.83	394724.54	39.11	Soil	12,240	0.51
08/09/2021	9:45:29	78776.04	394725.06	39.06	Soil	12,780	0.89
08/09/2021	9:45:30	78775.93	394725.21	39.11	Soil	10,440	-0.75
08/09/2021	9:45:31	78775.78	394724.69	39.13	Soil	12,000	0.34
08/09/2021	9:45:32	78775.77	394724.22	39.13	Soil	11,760	0.18
08/09/2021	9:45:33	78775.80	394724.31	39.08	Soil	9,960	-1.09
08/09/2021	9:45:34	78776.01	394724.65	39.09	Soil	10,800	-0.50
08/09/2021	9:45:35	78776.12	394725.22	38.95	Soil	10,860	-0.46
08/09/2021	9:45:36	78775.98	394725.35	38.77	Soil	10,860	-0.46
08/09/2021	9:45:37	78775.89	394725.08	39.08	Soil	10,980	-0.37
08/09/2021	9:45:38	78775.89	394725.20	38.85	Soil	9,660	-1.30
08/09/2021	9:45:39	78775.86	394725.65	38.69	Soil	12,360	0.60

SU 7D GWS RESULTS
(SOIL)

08/09/2021	9:45:40	78775.80	394725.44	38.66	Soil	10,440	-0.75
08/09/2021	9:45:41	78775.78	394725.15	38.78	Soil	11,400	-0.08
08/09/2021	9:45:42	78775.83	394725.16	38.78	Soil	11,460	-0.04
08/09/2021	9:45:43	78775.92	394725.22	38.84	Soil	10,980	-0.37
08/09/2021	9:45:44	78775.98	394725.13	38.94	Soil	11,820	0.22
08/09/2021	9:45:45	78775.89	394724.77	39.01	Soil	12,180	0.47
08/09/2021	9:45:46	78775.71	394724.62	39.00	Soil	11,340	-0.12
08/09/2021	9:45:47	78775.67	394724.93	39.08	Soil	10,860	-0.46
08/09/2021	9:45:48	78775.80	394725.31	38.77	Soil	10,560	-0.67
08/09/2021	9:45:49	78775.83	394725.35	38.91	Soil	10,740	-0.54
08/09/2021	9:45:50	78775.86	394725.02	39.06	Soil	11,700	0.13
08/09/2021	9:45:51	78775.86	394724.71	39.14	Soil	11,760	0.18
08/09/2021	9:45:52	78775.82	394724.44	39.10	Soil	12,360	0.60
08/09/2021	9:45:53	78775.90	394724.30	39.11	Soil	11,580	0.05
08/09/2021	9:45:54	78775.84	394724.58	39.19	Soil	11,280	-0.16
08/09/2021	9:45:55	78775.71	394725.07	39.23	Soil	10,980	-0.37
08/09/2021	9:45:56	78775.87	394725.28	38.88	Soil	9,720	-1.26
08/09/2021	9:45:57	78776.01	394725.11	39.05	Soil	12,360	0.60
08/09/2021	9:45:58	78775.94	394724.82	39.08	Soil	10,740	-0.54
08/09/2021	9:45:59	78775.91	394725.11	38.92	Soil	11,580	0.05
08/09/2021	9:46:00	78775.98	394725.54	38.81	Soil	11,580	0.05
08/09/2021	9:46:01	78775.97	394725.22	39.00	Soil	12,180	0.47
08/09/2021	9:46:02	78775.98	394724.78	39.17	Soil	11,340	-0.12
08/09/2021	9:46:03	78776.01	394724.71	39.16	Soil	11,940	0.30
08/09/2021	9:46:04	78776.16	394724.87	39.03	Soil	11,880	0.26
08/09/2021	9:46:05	78776.36	394725.27	38.73	Soil	11,700	0.13
08/09/2021	9:46:06	78776.51	394725.52	38.59	Soil	9,780	-1.21
08/09/2021	9:46:07	78776.57	394725.27	38.79	Soil	9,480	-1.42
08/09/2021	9:46:08	78776.53	394724.98	38.82	Soil	12,840	0.93
08/09/2021	9:46:09	78776.46	394724.89	38.94	Soil	10,200	-0.92
08/09/2021	9:46:10	78776.44	394725.19	38.82	Soil	10,740	-0.54
08/09/2021	9:46:11	78776.52	394725.68	38.71	Soil	12,480	0.68
08/09/2021	9:46:12	78776.56	394725.54	38.73	Soil	11,940	0.30
08/09/2021	9:46:13	78776.51	394724.93	39.08	Soil	10,260	-0.88
08/09/2021	9:46:14	78776.48	394724.52	39.03	Soil	11,580	0.05
08/09/2021	9:46:15	78776.49	394724.54	39.06	Soil	10,740	-0.54
08/09/2021	9:46:16	78776.60	394724.89	38.91	Soil	12,000	0.34
08/09/2021	9:46:17	78776.59	394724.88	38.96	Soil	10,320	-0.84
08/09/2021	9:46:18	78776.45	394724.61	38.97	Soil	11,280	-0.16
08/09/2021	9:46:19	78776.49	394724.81	38.85	Soil	10,200	-0.92
08/09/2021	9:46:20	78776.62	394725.09	38.59	Soil	9,000	-1.76
08/09/2021	9:46:21	78776.64	394725.06	38.70	Soil	11,580	0.05
08/09/2021	9:46:22	78776.64	394725.15	38.72	Soil	10,140	-0.96
08/09/2021	9:46:23	78776.73	394725.42	38.53	Soil	10,740	-0.54
08/09/2021	9:46:24	78776.81	394725.17	38.74	Soil	12,540	0.72
08/09/2021	9:46:25	78776.86	394724.43	38.84	Soil	11,340	-0.12
08/09/2021	9:46:26	78776.88	394724.18	38.85	Soil	11,640	0.09
08/09/2021	9:46:27	78776.81	394724.62	38.93	Soil	12,300	0.55
08/09/2021	9:46:28	78776.80	394725.01	38.94	Soil	12,060	0.39
08/09/2021	9:46:29	78776.92	394724.72	38.81	Soil	9,120	-1.68
08/09/2021	9:46:30	78777.12	394724.33	38.77	Soil	10,980	-0.37

SU 7D GWS RESULTS
(SOIL)

08/09/2021	9:46:31	78777.17	394724.53	38.75	Soil	11,100	-0.29
08/09/2021	9:46:32	78777.04	394724.55	38.76	Soil	11,400	-0.08
08/09/2021	9:46:33	78776.96	394724.54	38.86	Soil	11,340	-0.12
08/09/2021	9:46:34	78777.00	394724.95	38.60	Soil	10,800	-0.50
08/09/2021	9:46:35	78777.06	394725.08	38.79	Soil	12,660	0.81
08/09/2021	9:46:36	78777.05	394724.54	38.96	Soil	11,400	-0.08
08/09/2021	9:46:37	78777.13	394724.30	38.98	Soil	11,640	0.09
08/09/2021	9:46:38	78777.23	394724.68	39.04	Soil	11,400	-0.08
08/09/2021	9:46:39	78777.11	394724.61	39.00	Soil	11,340	-0.12
08/09/2021	9:46:40	78777.09	394724.27	38.96	Soil	12,720	0.85
08/09/2021	9:46:41	78777.23	394724.46	38.95	Soil	11,340	-0.12
08/09/2021	9:46:42	78777.19	394724.76	38.96	Soil	10,980	-0.37
08/09/2021	9:46:43	78777.08	394724.47	38.94	Soil	11,880	0.26
08/09/2021	9:46:44	78777.18	394724.31	38.89	Soil	8,880	-1.85
08/09/2021	9:46:45	78777.26	394724.62	38.93	Soil	10,560	-0.67
08/09/2021	9:46:46	78777.13	394724.65	38.92	Soil	10,140	-0.96
08/09/2021	9:46:47	78777.09	394724.35	38.93	Soil	10,800	-0.50
08/09/2021	9:46:48	78777.25	394724.44	38.80	Soil	12,060	0.39
08/09/2021	9:46:49	78777.27	394724.65	38.82	Soil	10,740	-0.54
08/09/2021	9:46:50	78777.19	394724.41	38.76	Soil	11,280	-0.16
08/09/2021	9:46:51	78777.24	394724.42	38.68	Soil	11,580	0.05
08/09/2021	9:46:52	78777.40	394725.11	38.46	Soil	10,860	-0.46
08/09/2021	9:46:53	78777.39	394725.48	38.37	Soil	10,440	-0.75
08/09/2021	9:46:54	78777.28	394724.96	38.65	Soil	10,440	-0.75
08/09/2021	9:46:55	78777.27	394724.38	38.84	Soil	10,920	-0.41
08/09/2021	9:46:56	78777.17	394724.41	38.80	Soil	12,240	0.51
08/09/2021	9:46:57	78777.19	394724.87	38.73	Soil	10,980	-0.37
08/09/2021	9:46:58	78777.39	394725.42	38.49	Soil	11,220	-0.20
08/09/2021	9:46:59	78777.37	394725.23	38.60	Soil	12,120	0.43
08/09/2021	9:47:00	78777.21	394724.64	38.70	Soil	10,320	-0.84
08/09/2021	9:47:01	78777.12	394724.55	38.81	Soil	10,560	-0.67
08/09/2021	9:47:02	78777.17	394724.85	38.69	Soil	10,680	-0.58
08/09/2021	9:47:03	78777.37	394725.38	38.53	Soil	10,560	-0.67
08/09/2021	9:47:04	78777.33	394725.23	38.85	Soil	10,980	-0.37
08/09/2021	9:47:05	78777.06	394724.55	38.84	Soil	10,800	-0.50
08/09/2021	9:47:06	78777.02	394724.75	38.73	Soil	11,880	0.26
08/09/2021	9:47:07	78777.19	394725.51	38.46	Soil	11,280	-0.16
08/09/2021	9:47:08	78777.34	394725.42	38.42	Soil	13,140	1.14
08/09/2021	9:47:09	78777.25	394724.95	38.71	Soil	12,300	0.55
08/09/2021	9:47:10	78777.24	394724.75	38.78	Soil	9,000	-1.76
08/09/2021	9:47:11	78777.23	394724.46	38.76	Soil	11,100	-0.29
08/09/2021	9:47:12	78777.07	394724.40	38.73	Soil	10,560	-0.67
08/09/2021	9:47:13	78777.16	394724.83	38.62	Soil	10,680	-0.58
08/09/2021	9:47:14	78777.33	394724.99	38.49	Soil	10,380	-0.79
08/09/2021	9:47:15	78777.35	394724.70	38.62	Soil	11,640	0.09
08/09/2021	9:47:16	78777.30	394724.87	38.55	Soil	12,240	0.51
08/09/2021	9:47:17	78777.29	394725.46	38.33	Soil	12,060	0.39
08/09/2021	9:47:18	78777.35	394725.50	38.50	Soil	11,040	-0.33
08/09/2021	9:47:19	78777.32	394724.82	38.47	Soil	12,300	0.55
08/09/2021	9:47:20	78777.03	394724.56	38.66	Soil	12,300	0.55
08/09/2021	9:47:21	78777.00	394724.75	38.58	Soil	10,020	-1.05

SU 7D GWS RESULTS
(SOIL)

08/09/2021	9:47:22	78777.42	394725.03	38.40	Soil	13,140	1.14
08/09/2021	9:47:23	78777.63	394725.40	38.14	Soil	10,980	-0.37
08/09/2021	9:47:24	78777.64	394725.40	38.16	Soil	13,380	1.31
08/09/2021	9:47:25	78777.66	394725.15	38.27	Soil	13,080	1.10
08/09/2021	9:47:26	78777.57	394725.08	38.39	Soil	12,060	0.39
08/09/2021	9:47:27	78777.47	394725.21	38.41	Soil	11,520	0.01
08/09/2021	9:47:28	78777.60	394725.49	38.04	Soil	11,760	0.18
08/09/2021	9:47:29	78777.73	394725.53	38.19	Soil	9,720	-1.26
08/09/2021	9:47:30	78777.71	394725.07	38.28	Soil	11,760	0.18
08/09/2021	9:47:31	78777.67	394724.43	38.39	Soil	10,260	-0.88
08/09/2021	9:47:32	78777.48	394724.05	38.44	Soil	10,320	-0.84
08/09/2021	9:47:33	78777.49	394724.26	38.41	Soil	11,460	-0.04
08/09/2021	9:47:34	78777.72	394724.76	38.50	Soil	11,760	0.18
08/09/2021	9:47:35	78777.54	394724.62	38.49	Soil	9,360	-1.51
08/09/2021	9:47:36	78777.25	394724.15	38.49	Soil	12,420	0.64
08/09/2021	9:47:37	78777.37	394724.17	38.39	Soil	10,260	-0.88
08/09/2021	9:47:38	78777.74	394724.71	38.36	Soil	10,320	-0.84
08/09/2021	9:47:39	78777.84	394725.29	38.13	Soil	10,920	-0.41
08/09/2021	9:47:40	78777.78	394725.17	38.20	Soil	10,800	-0.50
08/09/2021	9:47:41	78777.73	394724.66	38.25	Soil	9,780	-1.21
08/09/2021	9:47:42	78777.65	394724.35	38.24	Soil	11,820	0.22
08/09/2021	9:47:43	78777.68	394724.45	38.18	Soil	10,860	-0.46
08/09/2021	9:47:44	78777.69	394724.84	38.25	Soil	11,040	-0.33
08/09/2021	9:47:45	78777.63	394724.80	38.29	Soil	11,520	0.01
08/09/2021	9:47:46	78777.51	394724.25	38.39	Soil	10,560	-0.67
08/09/2021	9:47:47	78777.56	394723.99	38.32	Soil	11,880	0.26
08/09/2021	9:47:48	78777.74	394724.43	38.22	Soil	11,580	0.05
08/09/2021	9:47:49	78777.93	394724.94	38.18	Soil	11,160	-0.25
08/09/2021	9:47:50	78777.98	394724.75	38.13	Soil	11,940	0.30
08/09/2021	9:47:51	78777.76	394724.07	38.22	Soil	9,600	-1.34
08/09/2021	9:47:52	78777.79	394723.95	38.16	Soil	12,180	0.47
08/09/2021	9:47:53	78777.99	394724.46	38.12	Soil	13,200	1.19
08/09/2021	9:47:54	78778.11	394725.00	37.88	Soil	10,380	-0.79
08/09/2021	9:47:55	78778.15	394725.12	38.06	Soil	11,220	-0.20
08/09/2021	9:47:56	78778.02	394724.76	38.13	Soil	11,280	-0.16
08/09/2021	9:47:57	78778.01	394724.35	38.19	Soil	10,140	-0.96
08/09/2021	9:47:58	78777.94	394724.08	38.13	Soil	11,460	-0.04
08/09/2021	9:47:59	78777.98	394724.15	38.14	Soil	10,680	-0.58
08/09/2021	9:48:00	78778.29	394724.64	38.12	Soil	10,920	-0.41
08/09/2021	9:48:01	78778.27	394725.17	37.76	Soil	10,680	-0.58
08/09/2021	9:48:02	78778.08	394725.15	37.96	Soil	12,540	0.72
08/09/2021	9:48:03	78778.07	394724.75	38.07	Soil	10,860	-0.46
08/09/2021	9:48:04	78778.05	394724.50	38.17	Soil	10,020	-1.05
08/09/2021	9:48:05	78777.89	394724.24	38.17	Soil	10,080	-1.00
08/09/2021	9:48:06	78777.91	394724.03	38.20	Soil	10,440	-0.75
08/09/2021	9:48:07	78778.18	394724.25	38.18	Soil	10,260	-0.88
08/09/2021	9:48:08	78778.32	394724.73	38.08	Soil	11,340	-0.12
08/09/2021	9:48:09	78778.17	394724.68	38.18	Soil	11,820	0.22
08/09/2021	9:48:10	78777.96	394724.22	38.16	Soil	12,900	0.98
08/09/2021	9:48:11	78777.97	394724.10	38.15	Soil	10,860	-0.46
08/09/2021	9:48:12	78778.27	394724.45	38.15	Soil	11,340	-0.12

SU 7D GWS RESULTS
(SOIL)

08/09/2021	9:48:13	78778.47	394724.90	38.07	Soil	10,500	-0.71
08/09/2021	9:48:14	78778.43	394724.92	38.16	Soil	11,280	-0.16
08/09/2021	9:48:15	78778.19	394724.60	38.28	Soil	11,520	0.01
08/09/2021	9:48:16	78777.98	394724.37	38.28	Soil	11,880	0.26
08/09/2021	9:48:17	78777.95	394724.22	38.29	Soil	11,520	0.01
08/09/2021	9:48:18	78778.06	394724.32	38.22	Soil	11,400	-0.08
08/09/2021	9:48:19	78778.18	394724.79	38.23	Soil	9,720	-1.26
08/09/2021	9:48:20	78778.23	394724.82	38.19	Soil	10,500	-0.71
08/09/2021	9:48:21	78778.24	394724.26	38.22	Soil	9,780	-1.21
08/09/2021	9:48:22	78778.12	394723.80	38.23	Soil	11,160	-0.25
08/09/2021	9:48:23	78778.08	394723.96	38.18	Soil	9,180	-1.64
08/09/2021	9:48:24	78778.28	394724.56	38.02	Soil	10,980	-0.37
08/09/2021	9:48:25	78778.39	394725.00	37.88	Soil	10,920	-0.41
08/09/2021	9:48:26	78778.48	394725.02	37.99	Soil	11,640	0.09
08/09/2021	9:48:27	78778.54	394724.70	38.04	Soil	10,080	-1.00
08/09/2021	9:48:28	78778.55	394724.36	38.07	Soil	10,320	-0.84
08/09/2021	9:48:29	78778.49	394724.08	38.09	Soil	11,160	-0.25
08/09/2021	9:48:30	78778.39	394723.82	38.13	Soil	12,420	0.64
08/09/2021	9:48:31	78778.46	394723.98	38.13	Soil	11,580	0.05
08/09/2021	9:48:32	78778.67	394724.69	37.89	Soil	9,900	-1.13
08/09/2021	9:48:33	78778.74	394725.18	37.77	Soil	12,300	0.55
08/09/2021	9:48:34	78778.75	394725.00	37.87	Soil	11,340	-0.12
08/09/2021	9:48:35	78778.82	394724.66	38.01	Soil	12,240	0.51
08/09/2021	9:48:36	78778.73	394724.36	38.11	Soil	11,880	0.26
08/09/2021	9:48:37	78778.58	394723.97	38.15	Soil	11,160	-0.25
08/09/2021	9:48:38	78778.50	394724.09	38.12	Soil	11,400	-0.08
08/09/2021	9:48:39	78778.64	394724.48	38.07	Soil	11,640	0.09
08/09/2021	9:48:40	78778.86	394724.85	38.01	Soil	10,980	-0.37
08/09/2021	9:48:41	78778.87	394725.23	37.69	Soil	12,240	0.51
08/09/2021	9:48:42	78778.66	394725.40	37.73	Soil	12,840	0.93
08/09/2021	9:48:43	78778.74	394725.26	37.97	Soil	12,240	0.51
08/09/2021	9:48:44	78778.88	394724.81	38.04	Soil	11,580	0.05
08/09/2021	9:48:45	78778.74	394724.35	38.11	Soil	10,440	-0.75
08/09/2021	9:48:46	78778.62	394724.02	38.17	Soil	10,020	-1.05
08/09/2021	9:48:47	78778.65	394723.87	38.16	Soil	9,480	-1.42
08/09/2021	9:48:48	78778.87	394724.26	38.08	Soil	10,260	-0.88
08/09/2021	9:48:49	78779.03	394724.82	37.97	Soil	11,520	0.01
08/09/2021	9:48:50	78778.97	394724.91	37.83	Soil	12,420	0.64
08/09/2021	9:48:51	78779.02	394725.08	37.84	Soil	10,920	-0.41
08/09/2021	9:48:52	78779.11	394725.52	37.73	Soil	11,160	-0.25
08/09/2021	9:48:53	78779.21	394725.48	37.74	Soil	11,760	0.18
08/09/2021	9:48:54	78779.27	394725.03	37.97	Soil	12,300	0.55
08/09/2021	9:48:55	78779.21	394724.77	38.12	Soil	11,160	-0.25
08/09/2021	9:48:56	78779.16	394724.69	38.26	Soil	10,080	-1.00
08/09/2021	9:48:57	78779.14	394724.52	38.18	Soil	11,640	0.09
08/09/2021	9:48:58	78779.12	394724.32	38.22	Soil	11,880	0.26
08/09/2021	9:48:59	78779.05	394724.03	38.20	Soil	10,500	-0.71
08/09/2021	9:49:00	78779.08	394724.04	38.19	Soil	10,560	-0.67
08/09/2021	9:49:01	78779.32	394724.59	38.11	Soil	11,280	-0.16
08/09/2021	9:49:02	78779.25	394724.84	38.21	Soil	10,740	-0.54
08/09/2021	9:49:03	78779.01	394724.57	38.23	Soil	12,000	0.34

SU 7D GWS RESULTS
(SOIL)

08/09/2021	9:49:04	78779.21	394724.73	37.88	Soil	12,420	0.64
08/09/2021	9:49:05	78779.48	394725.31	37.66	Soil	11,400	-0.08
08/09/2021	9:49:06	78779.41	394725.25	37.78	Soil	10,560	-0.67
08/09/2021	9:49:07	78779.15	394724.97	37.90	Soil	9,600	-1.34
08/09/2021	9:49:08	78778.99	394724.74	38.07	Soil	10,800	-0.50
08/09/2021	9:49:09	78778.95	394724.40	38.13	Soil	11,160	-0.25
08/09/2021	9:49:10	78778.88	394724.07	38.08	Soil	11,700	0.13
08/09/2021	9:49:11	78778.98	394724.15	38.05	Soil	11,040	-0.33
08/09/2021	9:49:12	78779.24	394724.61	37.84	Soil	12,180	0.47
08/09/2021	9:49:13	78779.30	394724.84	37.93	Soil	10,380	-0.79
08/09/2021	9:49:14	78779.21	394724.57	37.95	Soil	10,200	-0.92
08/09/2021	9:49:15	78779.20	394724.14	37.95	Soil	10,020	-1.05
08/09/2021	9:49:16	78779.27	394724.07	37.89	Soil	11,520	0.01
08/09/2021	9:49:17	78779.26	394724.35	37.89	Soil	10,680	-0.58
08/09/2021	9:49:18	78779.20	394724.66	37.58	Soil	11,640	0.09
08/09/2021	9:49:19	78779.18	394724.74	37.68	Soil	11,220	-0.20
08/09/2021	9:49:20	78779.13	394724.44	37.90	Soil	10,740	-0.54
08/09/2021	9:49:21	78779.20	394724.09	37.92	Soil	10,020	-1.05
08/09/2021	9:49:22	78779.35	394724.03	37.70	Soil	10,620	-0.62
08/09/2021	9:49:23	78779.49	394724.42	37.54	Soil	10,440	-0.75
08/09/2021	9:49:24	78779.44	394724.54	37.77	Soil	12,000	0.34
08/09/2021	9:49:25	78779.27	394724.25	37.77	Soil	10,740	-0.54
08/09/2021	9:49:26	78779.27	394724.24	37.54	Soil	10,320	-0.84
08/09/2021	9:49:27	78779.44	394724.42	37.49	Soil	10,560	-0.67
08/09/2021	9:49:28	78779.66	394724.41	37.32	Soil	10,440	-0.75
08/09/2021	9:49:29	78779.81	394724.43	37.44	Soil	10,380	-0.79
08/09/2021	9:49:30	78779.79	394724.22	37.52	Soil	12,180	0.47
08/09/2021	9:49:31	78779.86	394723.76	37.54	Soil	12,240	0.51
08/09/2021	9:49:32	78779.75	394723.55	37.42	Soil	10,260	-0.88
08/09/2021	9:49:33	78779.82	394723.97	37.22	Soil	11,460	-0.04
08/09/2021	9:49:35	78779.76	394723.81	37.47	Soil	14,220	1.90
08/09/2021	9:49:36	78779.66	394723.54	37.29	Soil	12,240	0.51
08/09/2021	9:49:37	78779.74	394723.75	37.31	Soil	10,260	-0.88
08/09/2021	9:49:38	78779.71	394724.09	37.41	Soil	11,580	0.05
08/09/2021	9:49:39	78779.49	394724.08	37.57	Soil	10,320	-0.84
08/09/2021	9:49:40	78779.25	394723.57	37.65	Soil	10,200	-0.92
08/09/2021	9:49:41	78779.14	394723.53	37.71	Soil	10,740	-0.54
08/09/2021	9:49:42	78779.07	394723.53	37.80	Soil	10,560	-0.67
08/09/2021	9:49:43	78778.96	394723.40	37.84	Soil	10,740	-0.54
08/09/2021	9:49:44	78778.95	394723.07	37.92	Soil	9,840	-1.17
08/09/2021	9:49:45	78779.36	394722.87	38.05	Soil	10,560	-0.67
08/09/2021	9:49:46	78779.56	394723.50	38.00	Soil	10,320	-0.84
08/09/2021	9:49:47	78779.61	394724.14	37.94	Soil	10,800	-0.50
08/09/2021	9:49:48	78779.79	394723.86	38.04	Soil	12,720	0.85
08/09/2021	9:49:49	78779.85	394723.70	37.98	Soil	13,200	1.19
08/09/2021	9:49:50	78779.86	394723.77	37.97	Soil	11,580	0.05
08/09/2021	9:49:51	78780.04	394723.45	37.99	Soil	9,900	-1.13
08/09/2021	9:49:52	78780.05	394723.60	37.96	Soil	10,380	-0.79
08/09/2021	9:49:53	78779.95	394723.72	37.94	Soil	11,640	0.09
08/09/2021	9:49:54	78780.06	394723.50	37.88	Soil	11,160	-0.25
08/09/2021	9:50:10	78780.77	394722.83	37.04	Soil	10,800	-0.50

SU 7D GWS RESULTS
(SOIL)

08/09/2021	9:50:11	78780.74	394722.49	37.23	Soil	11,040	-0.33
08/09/2021	9:50:12	78780.57	394722.54	37.07	Soil	11,880	0.26
08/09/2021	9:50:13	78780.66	394723.03	36.93	Soil	11,160	-0.25
08/09/2021	9:50:14	78780.64	394723.01	37.07	Soil	10,920	-0.41
08/09/2021	9:50:17	78780.56	394723.28	37.05	Soil	10,440	-0.75
08/09/2021	9:50:19	78780.25	394722.54	37.25	Soil	11,760	0.18
08/09/2021	9:50:20	78780.29	394722.35	37.02	Soil	11,220	-0.20
08/09/2021	9:50:21	78780.64	394723.12	36.94	Soil	11,700	0.13
08/09/2021	9:50:22	78780.85	394723.13	36.88	Soil	12,300	0.55
08/09/2021	9:50:23	78780.67	394722.45	37.14	Soil	10,860	-0.46
08/09/2021	9:50:24	78780.48	394722.24	37.04	Soil	10,380	-0.79
08/09/2021	9:50:26	78780.58	394723.33	36.86	Soil	10,560	-0.67
08/09/2021	9:50:27	78780.55	394723.07	36.97	Soil	10,140	-0.96
08/09/2021	9:50:36	78780.08	394722.85	37.14	Soil	11,700	0.13
08/09/2021	9:50:37	78780.06	394722.42	37.07	Soil	11,700	0.13
08/09/2021	9:50:38	78780.05	394722.55	36.89	Soil	11,220	-0.20
08/09/2021	9:50:41	78780.10	394722.41	37.15	Soil	11,100	-0.29
08/09/2021	9:50:42	78780.04	394722.68	37.03	Soil	12,540	0.72
08/09/2021	9:50:44	78779.98	394722.95	37.32	Soil	11,580	0.05
08/09/2021	9:50:45	78779.97	394722.70	37.26	Soil	11,580	0.05
08/09/2021	9:50:46	78779.96	394723.04	37.15	Soil	10,500	-0.71
08/09/2021	9:50:47	78779.84	394723.64	37.16	Soil	9,960	-1.09
08/09/2021	9:50:48	78779.70	394723.73	37.12	Soil	11,700	0.13
08/09/2021	9:50:49	78779.64	394723.16	37.13	Soil	10,680	-0.58
08/09/2021	9:50:50	78779.77	394722.80	37.11	Soil	10,440	-0.75
08/09/2021	9:50:52	78779.76	394722.83	37.21	Soil	11,220	-0.20
08/09/2021	9:50:53	78779.73	394722.87	37.43	Soil	10,080	-1.00
08/09/2021	9:50:54	78779.61	394722.78	37.45	Soil	11,280	-0.16
08/09/2021	9:50:55	78779.60	394722.86	37.38	Soil	10,560	-0.67
08/09/2021	9:50:56	78779.63	394723.06	37.34	Soil	9,960	-1.09
08/09/2021	9:50:57	78779.60	394723.29	37.25	Soil	10,500	-0.71
08/09/2021	9:50:58	78779.70	394723.86	37.21	Soil	11,580	0.05
08/09/2021	9:50:59	78779.54	394723.97	37.28	Soil	10,680	-0.58
08/09/2021	9:51:00	78779.41	394723.41	37.48	Soil	11,220	-0.20
08/09/2021	9:51:01	78779.45	394723.11	37.46	Soil	12,060	0.39
08/09/2021	9:51:02	78779.44	394723.45	37.40	Soil	10,860	-0.46
08/09/2021	9:51:03	78779.36	394723.86	37.31	Soil	12,000	0.34
08/09/2021	9:51:04	78779.35	394723.81	37.37	Soil	10,980	-0.37
08/09/2021	9:51:05	78779.38	394723.44	37.45	Soil	10,200	-0.92
08/09/2021	9:51:06	78779.21	394723.60	37.38	Soil	11,400	-0.08
08/09/2021	9:51:07	78779.18	394724.17	37.27	Soil	11,160	-0.25
08/09/2021	9:51:08	78779.27	394724.09	37.37	Soil	10,320	-0.84
08/09/2021	9:51:09	78779.23	394723.42	37.50	Soil	9,960	-1.09
08/09/2021	9:51:10	78779.09	394723.08	37.53	Soil	10,680	-0.58
08/09/2021	9:51:11	78779.22	394723.50	37.42	Soil	11,460	-0.04
08/09/2021	9:51:12	78779.40	394723.78	37.53	Soil	10,260	-0.88
08/09/2021	9:51:13	78779.24	394723.29	37.64	Soil	10,680	-0.58
08/09/2021	9:51:15	78778.75	394723.40	37.53	Soil	11,280	-0.16
08/09/2021	9:51:16	78778.69	394723.61	37.50	Soil	10,980	-0.37
08/09/2021	9:51:17	78778.65	394723.08	37.63	Soil	10,320	-0.84
08/09/2021	9:51:18	78778.63	394723.03	37.44	Soil	10,320	-0.84

SU 7D GWS RESULTS
(SOIL)

08/09/2021	9:51:19	78778.90	394723.66	37.37	Soil	9,480	-1.42
08/09/2021	9:51:20	78779.17	394723.96	37.38	Soil	10,860	-0.46
08/09/2021	9:51:21	78779.07	394723.74	37.71	Soil	10,920	-0.41
08/09/2021	9:51:22	78778.77	394723.38	37.54	Soil	12,360	0.60
08/09/2021	9:51:23	78778.66	394723.61	37.45	Soil	12,060	0.39
08/09/2021	9:51:24	78778.82	394724.18	37.42	Soil	10,740	-0.54
08/09/2021	9:51:25	78778.74	394724.10	37.46	Soil	11,940	0.30
08/09/2021	9:51:26	78778.52	394723.50	37.60	Soil	10,680	-0.58
08/09/2021	9:51:27	78778.48	394723.20	37.51	Soil	10,560	-0.67
08/09/2021	9:51:28	78778.73	394723.82	37.52	Soil	10,500	-0.71
08/09/2021	9:51:29	78778.82	394724.35	37.54	Soil	11,880	0.26
08/09/2021	9:51:30	78778.52	394723.89	37.53	Soil	11,040	-0.33
08/09/2021	9:51:31	78778.38	394723.22	37.51	Soil	9,900	-1.13
08/09/2021	9:51:32	78778.60	394723.41	37.48	Soil	9,600	-1.34
08/09/2021	9:51:33	78778.76	394723.88	37.50	Soil	11,100	-0.29
08/09/2021	9:51:34	78778.61	394723.63	37.60	Soil	11,460	-0.04
08/09/2021	9:51:35	78778.45	394723.04	37.63	Soil	11,520	0.01
08/09/2021	9:51:36	78778.58	394723.38	37.63	Soil	12,180	0.47
08/09/2021	9:51:37	78778.72	394723.83	37.68	Soil	10,800	-0.50
08/09/2021	9:51:38	78778.66	394723.35	37.64	Soil	11,460	-0.04
08/09/2021	9:51:40	78778.54	394723.34	37.59	Soil	11,580	0.05
08/09/2021	9:51:41	78778.65	394724.03	37.55	Soil	11,220	-0.20
08/09/2021	9:51:42	78778.58	394723.75	37.63	Soil	10,620	-0.62
08/09/2021	9:51:43	78778.49	394723.06	37.61	Soil	11,940	0.30
08/09/2021	9:51:44	78778.55	394723.10	37.61	Soil	11,580	0.05
08/09/2021	9:51:45	78778.68	394723.53	37.51	Soil	9,900	-1.13
08/09/2021	9:51:46	78778.74	394723.71	37.66	Soil	11,820	0.22
08/09/2021	9:51:47	78778.63	394723.27	37.66	Soil	10,200	-0.92
08/09/2021	9:51:48	78778.63	394723.04	37.60	Soil	10,020	-1.05
08/09/2021	9:51:49	78778.77	394723.53	37.52	Soil	9,780	-1.21
08/09/2021	9:51:50	78778.72	394723.76	37.47	Soil	11,580	0.05
08/09/2021	9:51:51	78778.55	394723.32	37.59	Soil	10,980	-0.37
08/09/2021	9:51:52	78778.58	394723.16	37.60	Soil	9,840	-1.17
08/09/2021	9:51:53	78778.58	394723.62	37.59	Soil	10,500	-0.71
08/09/2021	9:51:54	78778.34	394723.97	37.58	Soil	11,640	0.09
08/09/2021	9:51:55	78778.45	394723.56	37.60	Soil	10,260	-0.88
08/09/2021	9:51:56	78778.72	394723.41	37.58	Soil	10,860	-0.46
08/09/2021	9:51:57	78778.68	394723.80	37.63	Soil	10,680	-0.58
08/09/2021	9:51:58	78778.53	394723.79	37.71	Soil	11,340	-0.12
08/09/2021	9:51:59	78778.53	394723.24	37.71	Soil	10,380	-0.79
08/09/2021	9:52:00	78778.63	394723.18	37.69	Soil	10,800	-0.50
08/09/2021	9:52:01	78778.64	394723.89	37.78	Soil	10,920	-0.41
08/09/2021	9:52:02	78778.69	394724.14	37.59	Soil	9,780	-1.21
08/09/2021	9:52:03	78778.64	394723.61	37.66	Soil	10,020	-1.05
08/09/2021	9:52:04	78778.35	394723.47	37.72	Soil	11,040	-0.33
08/09/2021	9:52:05	78778.30	394723.45	37.73	Soil	10,560	-0.67
08/09/2021	9:52:06	78778.42	394723.70	37.59	Soil	10,860	-0.46
08/09/2021	9:52:07	78778.30	394723.73	37.62	Soil	11,880	0.26
08/09/2021	9:52:08	78778.23	394723.27	37.79	Soil	8,940	-1.80
08/09/2021	9:52:09	78778.34	394723.30	37.75	Soil	11,160	-0.25
08/09/2021	9:52:10	78778.46	394723.83	37.79	Soil	10,920	-0.41

SU 7D GWS RESULTS
(SOIL)

08/09/2021	9:52:11	78778.28	394723.88	37.80	Soil	11,100	-0.29
08/09/2021	9:52:12	78778.04	394723.27	37.85	Soil	10,560	-0.67
08/09/2021	9:52:13	78778.02	394723.17	37.85	Soil	11,040	-0.33
08/09/2021	9:52:14	78778.10	394723.65	37.95	Soil	10,980	-0.37
08/09/2021	9:52:15	78777.88	394723.83	38.16	Soil	10,140	-0.96
08/09/2021	9:52:16	78777.69	394723.44	38.23	Soil	9,480	-1.42
08/09/2021	9:52:17	78777.93	394723.31	38.23	Soil	11,400	-0.08
08/09/2021	9:52:18	78778.04	394723.56	38.23	Soil	9,360	-1.51
08/09/2021	9:52:19	78777.80	394723.63	38.19	Soil	11,340	-0.12
08/09/2021	9:52:20	78777.77	394723.57	38.20	Soil	11,520	0.01
08/09/2021	9:52:21	78777.90	394723.72	38.21	Soil	9,780	-1.21
08/09/2021	9:52:22	78777.78	394723.85	38.16	Soil	10,980	-0.37
08/09/2021	9:52:23	78777.63	394723.75	38.08	Soil	10,980	-0.37
08/09/2021	9:52:24	78777.80	394723.64	37.91	Soil	10,620	-0.62
08/09/2021	9:52:25	78778.11	394723.69	37.91	Soil	11,040	-0.33
08/09/2021	9:52:26	78778.03	394723.74	37.99	Soil	9,360	-1.51
08/09/2021	9:52:27	78777.90	394723.66	37.93	Soil	10,620	-0.62
08/09/2021	9:52:28	78778.14	394723.68	37.91	Soil	10,620	-0.62
08/09/2021	9:52:29	78778.18	394723.96	37.87	Soil	10,380	-0.79
08/09/2021	9:52:30	78778.04	394724.00	37.95	Soil	10,620	-0.62
08/09/2021	9:52:31	78777.93	394723.44	38.02	Soil	10,800	-0.50
08/09/2021	9:52:32	78777.98	394723.39	38.13	Soil	10,740	-0.54
08/09/2021	9:52:33	78777.92	394723.54	38.13	Soil	10,920	-0.41
08/09/2021	9:52:34	78777.82	394723.04	38.23	Soil	11,580	0.05
08/09/2021	9:52:36	78777.78	394723.41	38.00	Soil	11,280	-0.16
08/09/2021	9:52:37	78777.80	394723.88	37.97	Soil	11,700	0.13
08/09/2021	9:52:38	78777.60	394723.83	38.10	Soil	10,320	-0.84
08/09/2021	9:52:40	78777.50	394723.45	38.16	Soil	10,020	-1.05
08/09/2021	9:52:41	78777.72	394724.16	38.06	Soil	10,980	-0.37
08/09/2021	9:52:42	78777.69	394724.06	38.15	Soil	12,660	0.81
08/09/2021	9:52:43	78777.57	394723.62	38.23	Soil	10,620	-0.62
08/09/2021	9:52:44	78777.51	394723.65	38.18	Soil	12,540	0.72
08/09/2021	9:52:45	78777.58	394723.53	38.30	Soil	12,000	0.34
08/09/2021	9:52:48	78777.29	394723.55	38.26	Soil	10,860	-0.46
08/09/2021	9:52:49	78777.36	394723.90	38.33	Soil	10,500	-0.71
08/09/2021	9:52:50	78777.29	394723.38	38.39	Soil	12,300	0.55
08/09/2021	9:52:52	78777.31	394723.39	38.26	Soil	10,980	-0.37
08/09/2021	9:52:53	78777.19	394723.64	38.27	Soil	11,220	-0.20
08/09/2021	9:52:54	78777.12	394724.01	38.20	Soil	10,620	-0.62
08/09/2021	9:52:55	78777.08	394724.03	38.29	Soil	10,500	-0.71
08/09/2021	9:52:56	78777.14	394723.28	38.44	Soil	11,220	-0.20
08/09/2021	9:52:57	78777.10	394722.85	38.42	Soil	11,160	-0.25
08/09/2021	9:52:58	78777.25	394723.35	38.32	Soil	11,820	0.22
08/09/2021	9:52:59	78777.35	394723.85	38.33	Soil	11,100	-0.29
08/09/2021	9:53:00	78777.34	394723.93	38.28	Soil	11,400	-0.08
08/09/2021	9:53:01	78777.23	394723.83	38.29	Soil	10,440	-0.75
08/09/2021	9:53:02	78777.18	394723.66	38.29	Soil	10,560	-0.67
08/09/2021	9:53:03	78777.13	394723.54	38.39	Soil	10,260	-0.88
08/09/2021	9:53:04	78777.00	394723.21	38.54	Soil	11,280	-0.16
08/09/2021	9:53:05	78776.88	394723.03	38.53	Soil	11,820	0.22
08/09/2021	9:53:06	78776.99	394723.55	38.36	Soil	10,560	-0.67

SU 7D GWS RESULTS
(SOIL)

08/09/2021	9:53:07	78777.03	394724.07	38.25	Soil	10,860	-0.46
08/09/2021	9:53:08	78776.91	394723.74	38.33	Soil	11,880	0.26
08/09/2021	9:53:09	78776.85	394723.34	38.41	Soil	12,000	0.34
08/09/2021	9:53:10	78776.79	394722.98	38.59	Soil	11,040	-0.33
08/09/2021	9:53:11	78776.91	394722.82	38.42	Soil	12,060	0.39
08/09/2021	9:53:13	78777.58	394723.41	38.22	Soil	12,000	0.34
08/09/2021	9:53:14	78776.99	394723.34	38.38	Soil	10,920	-0.41
08/09/2021	9:53:15	78776.74	394723.32	38.18	Soil	10,920	-0.41
08/09/2021	9:53:16	78776.99	394723.83	37.90	Soil	11,040	-0.33
08/09/2021	9:53:17	78777.03	394724.09	37.93	Soil	10,320	-0.84
08/09/2021	9:53:18	78777.01	394723.67	38.08	Soil	11,280	-0.16
08/09/2021	9:53:19	78776.97	394723.50	38.12	Soil	12,540	0.72
08/09/2021	9:53:20	78776.87	394723.72	38.08	Soil	13,440	1.35
08/09/2021	9:53:21	78777.02	394724.09	38.09	Soil	11,160	-0.25
08/09/2021	9:53:22	78776.76	394723.86	38.19	Soil	11,820	0.22
08/09/2021	9:53:23	78776.64	394723.73	38.18	Soil	10,320	-0.84
08/09/2021	9:53:24	78776.80	394724.46	38.05	Soil	10,320	-0.84
08/09/2021	9:53:25	78776.87	394724.51	38.01	Soil	12,000	0.34
08/09/2021	9:53:26	78776.80	394724.12	38.10	Soil	11,160	-0.25
08/09/2021	9:53:27	78776.79	394724.15	38.22	Soil	11,940	0.30
08/09/2021	9:53:28	78776.70	394723.92	38.01	Soil	12,000	0.34
08/09/2021	9:53:29	78776.69	394723.36	38.07	Soil	11,880	0.26
08/09/2021	9:53:30	78776.88	394722.83	38.02	Soil	10,320	-0.84
08/09/2021	9:53:31	78777.00	394723.17	37.82	Soil	12,420	0.64
08/09/2021	9:53:32	78776.93	394723.66	37.79	Soil	9,660	-1.30
08/09/2021	9:53:33	78776.92	394723.22	38.07	Soil	12,120	0.43
08/09/2021	9:53:34	78776.81	394722.77	37.97	Soil	11,580	0.05
08/09/2021	9:53:35	78776.79	394723.06	37.84	Soil	12,120	0.43
08/09/2021	9:53:36	78776.71	394723.54	37.78	Soil	11,160	-0.25
08/09/2021	9:53:37	78776.53	394723.86	38.08	Soil	11,160	-0.25
08/09/2021	9:53:38	78776.47	394723.89	38.14	Soil	12,600	0.76
08/09/2021	9:53:39	78776.49	394724.20	37.97	Soil	11,760	0.18
08/09/2021	9:53:40	78776.50	394724.33	37.97	Soil	11,640	0.09
08/09/2021	9:53:41	78776.48	394724.12	38.16	Soil	12,600	0.76
08/09/2021	9:53:42	78776.40	394724.30	38.22	Soil	11,280	-0.16
08/09/2021	9:53:43	78776.44	394724.69	38.07	Soil	10,020	-1.05
08/09/2021	9:53:44	78776.43	394724.68	38.14	Soil	11,220	-0.20
08/09/2021	9:53:45	78776.54	394724.37	38.12	Soil	10,620	-0.62
08/09/2021	9:53:46	78776.71	394724.32	38.16	Soil	12,360	0.60
08/09/2021	9:53:47	78776.57	394724.06	38.14	Soil	9,540	-1.38
08/09/2021	9:53:48	78776.47	394723.90	38.24	Soil	12,900	0.98
08/09/2021	9:53:49	78776.35	394723.91	38.16	Soil	11,580	0.05
08/09/2021	9:53:50	78776.66	394723.60	37.96	Soil	11,940	0.30
08/09/2021	9:53:51	78776.57	394723.20	38.22	Soil	10,800	-0.50
08/09/2021	9:53:52	78776.21	394723.01	38.19	Soil	11,160	-0.25
08/09/2021	9:53:53	78776.25	394723.29	38.09	Soil	11,940	0.30
08/09/2021	9:53:54	78776.31	394723.53	38.13	Soil	10,560	-0.67
08/09/2021	9:53:55	78776.37	394723.75	38.26	Soil	11,220	-0.20
08/09/2021	9:53:56	78776.39	394724.22	38.22	Soil	11,160	-0.25
08/09/2021	9:53:57	78776.35	394724.28	38.20	Soil	11,520	0.01
08/09/2021	9:53:58	78776.30	394723.83	38.25	Soil	11,040	-0.33

SU 7D GWS RESULTS
(SOIL)

08/09/2021	9:53:59	78776.18	394723.70	38.25	Soil	11,280	-0.16
08/09/2021	9:54:00	78776.06	394723.42	38.32	Soil	10,320	-0.84
08/09/2021	9:54:01	78775.88	394723.19	38.48	Soil	12,180	0.47
08/09/2021	9:54:02	78775.79	394722.98	38.58	Soil	11,280	-0.16
08/09/2021	9:54:03	78775.99	394723.33	38.44	Soil	12,360	0.60
08/09/2021	9:54:04	78776.21	394724.17	38.32	Soil	9,360	-1.51
08/09/2021	9:54:05	78776.27	394724.40	38.30	Soil	11,100	-0.29
08/09/2021	9:54:06	78776.16	394724.03	38.36	Soil	12,060	0.39
08/09/2021	9:54:07	78776.13	394723.92	38.36	Soil	10,860	-0.46
08/09/2021	9:54:08	78775.96	394723.80	38.42	Soil	10,800	-0.50
08/09/2021	9:54:09	78775.83	394723.57	38.52	Soil	12,180	0.47
08/09/2021	9:54:10	78775.67	394723.46	38.55	Soil	10,440	-0.75
08/09/2021	9:54:11	78775.79	394723.84	38.46	Soil	11,040	-0.33
08/09/2021	9:54:12	78775.90	394724.17	38.44	Soil	11,640	0.09
08/09/2021	9:54:13	78775.82	394723.73	38.54	Soil	11,100	-0.29
08/09/2021	9:54:14	78775.82	394723.36	38.48	Soil	11,100	-0.29
08/09/2021	9:54:15	78775.96	394723.72	38.47	Soil	14,820	2.32
08/09/2021	9:54:16	78775.91	394724.28	38.31	Soil	11,160	-0.25
08/09/2021	9:54:17	78775.85	394724.15	38.43	Soil	10,380	-0.79
08/09/2021	9:54:18	78775.85	394723.73	38.54	Soil	11,520	0.01
08/09/2021	9:54:19	78775.70	394723.70	38.60	Soil	9,600	-1.34
08/09/2021	9:54:20	78775.69	394723.94	38.55	Soil	10,740	-0.54
08/09/2021	9:54:21	78775.70	394724.12	38.61	Soil	10,200	-0.92
08/09/2021	9:54:22	78775.63	394723.90	38.77	Soil	11,100	-0.29
08/09/2021	9:54:23	78775.48	394723.37	38.81	Soil	12,360	0.60
08/09/2021	9:54:24	78775.46	394723.45	38.73	Soil	10,320	-0.84
08/09/2021	9:54:25	78775.37	394723.96	38.72	Soil	13,140	1.14
08/09/2021	9:54:26	78775.38	394723.93	38.76	Soil	13,620	1.48
08/09/2021	9:54:27	78775.52	394723.41	38.64	Soil	11,400	-0.08
08/09/2021	9:54:28	78775.53	394723.32	38.66	Soil	12,060	0.39
08/09/2021	9:54:29	78775.48	394723.79	38.69	Soil	10,260	-0.88
08/09/2021	9:54:30	78775.44	394724.06	38.67	Soil	9,540	-1.38
08/09/2021	9:54:31	78775.34	394723.99	38.77	Soil	10,500	-0.71
08/09/2021	9:54:32	78775.31	394724.03	38.80	Soil	11,100	-0.29
08/09/2021	9:54:33	78775.27	394724.24	38.81	Soil	11,340	-0.12
08/09/2021	9:54:34	78775.25	394724.37	38.83	Soil	10,800	-0.50
08/09/2021	9:54:35	78775.35	394724.20	38.84	Soil	11,640	0.09
08/09/2021	9:54:36	78775.24	394724.12	38.91	Soil	13,500	1.40
08/09/2021	9:54:37	78774.98	394724.32	39.02	Soil	10,020	-1.05
08/09/2021	9:54:38	78775.05	394724.47	38.90	Soil	13,800	1.61
08/09/2021	9:54:39	78775.13	394724.23	38.89	Soil	10,680	-0.58
08/09/2021	9:54:40	78775.00	394723.75	38.93	Soil	11,820	0.22
08/09/2021	9:54:41	78774.91	394723.84	38.86	Soil	11,040	-0.33
08/09/2021	9:54:42	78774.86	394724.23	38.90	Soil	10,860	-0.46
08/09/2021	9:54:43	78774.79	394724.20	38.94	Soil	11,400	-0.08
08/09/2021	9:54:44	78774.85	394723.77	38.94	Soil	11,220	-0.20
08/09/2021	9:54:45	78774.88	394723.70	38.91	Soil	11,100	-0.29
08/09/2021	9:54:46	78774.88	394723.65	38.96	Soil	10,440	-0.75
08/09/2021	9:54:47	78774.80	394723.64	38.84	Soil	11,880	0.26
08/09/2021	9:54:48	78774.73	394723.58	38.81	Soil	11,160	-0.25
08/09/2021	9:54:49	78774.74	394723.48	38.78	Soil	11,100	-0.29

SU 7D GWS RESULTS
(SOIL)

08/09/2021	9:54:50	78774.75	394723.46	38.75	Soil	10,500	-0.71
08/09/2021	9:54:51	78774.75	394723.45	38.71	Soil	10,140	-0.96
08/09/2021	9:54:52	78774.73	394723.42	38.67	Soil	11,520	0.01
08/09/2021	9:54:53	78774.71	394723.41	38.66	Soil	11,040	-0.33
08/09/2021	9:54:54	78774.72	394723.40	38.64	Soil	12,120	0.43
08/09/2021	9:54:55	78774.70	394723.35	38.56	Soil	10,620	-0.62
08/09/2021	9:54:56	78774.68	394723.25	38.56	Soil	9,780	-1.21
08/09/2021	9:54:57	78774.81	394723.23	38.66	Soil	8,520	-2.10
08/09/2021	9:54:58	78774.94	394723.27	38.68	Soil	11,220	-0.20
08/09/2021	9:54:59	78774.91	394723.28	38.67	Soil	10,680	-0.58
08/09/2021	9:55:00	78774.87	394723.25	38.66	Soil	10,680	-0.58
08/09/2021	9:55:01	78774.86	394723.23	38.69	Soil	9,900	-1.13
08/09/2021	9:55:02	78774.86	394723.20	38.71	Soil	12,780	0.89
08/09/2021	9:55:03	78774.85	394723.17	38.73	Soil	11,520	0.01
08/09/2021	9:55:04	78774.84	394723.14	38.74	Soil	10,500	-0.71
08/09/2021	9:55:05	78774.84	394723.11	38.77	Soil	11,340	-0.12
08/09/2021	9:55:06	78774.84	394723.10	38.80	Soil	10,140	-0.96
08/09/2021	9:55:07	78774.85	394723.11	38.86	Soil	11,160	-0.25
08/09/2021	9:55:08	78774.87	394723.09	39.05	Soil	10,320	-0.84
08/09/2021	9:55:09	78774.85	394722.93	39.19	Soil	12,060	0.39
08/09/2021	9:55:10	78774.80	394722.84	39.15	Soil	10,020	-1.05
08/09/2021	9:55:11	78774.83	394722.84	39.40	Soil	11,160	-0.25
08/09/2021	9:55:12	78774.79	394722.57	39.32	Soil	10,560	-0.67
08/09/2021	9:55:13	78774.85	394722.71	39.00	Soil	10,500	-0.71
08/09/2021	9:55:14	78774.82	394723.11	38.89	Soil	11,520	0.01
08/09/2021	9:55:15	78774.93	394722.84	39.17	Soil	12,180	0.47
08/09/2021	9:55:16	78775.11	394722.33	39.00	Soil	10,500	-0.71
08/09/2021	9:55:17	78775.12	394722.40	38.78	Soil	11,160	-0.25
08/09/2021	9:55:18	78775.16	394722.89	38.63	Soil	10,500	-0.71
08/09/2021	9:55:19	78775.11	394723.19	38.53	Soil	11,280	-0.16
08/09/2021	9:55:20	78775.13	394722.93	38.77	Soil	11,580	0.05
08/09/2021	9:55:21	78775.13	394722.34	38.79	Soil	10,080	-1.00
08/09/2021	9:55:22	78775.12	394722.40	38.73	Soil	11,280	-0.16
08/09/2021	9:55:23	78775.14	394722.97	38.57	Soil	9,720	-1.26
08/09/2021	9:55:24	78774.98	394723.15	38.75	Soil	11,580	0.05
08/09/2021	9:55:25	78775.10	394722.52	38.81	Soil	9,660	-1.30
08/09/2021	9:55:26	78775.23	394722.42	38.71	Soil	11,340	-0.12
08/09/2021	9:55:27	78775.20	394723.11	38.52	Soil	12,420	0.64
08/09/2021	9:55:28	78775.13	394723.33	38.64	Soil	10,980	-0.37
08/09/2021	9:55:29	78775.15	394722.75	38.78	Soil	11,100	-0.29
08/09/2021	9:55:30	78775.25	394722.52	38.75	Soil	12,420	0.64
08/09/2021	9:55:31	78775.29	394722.87	38.74	Soil	12,120	0.43
08/09/2021	9:55:32	78775.25	394723.22	38.83	Soil	10,740	-0.54
08/09/2021	9:55:33	78775.11	394722.75	39.07	Soil	11,160	-0.25
08/09/2021	9:55:34	78775.07	394722.16	38.91	Soil	11,880	0.26
08/09/2021	9:55:35	78775.23	394722.64	38.83	Soil	10,680	-0.58
08/09/2021	9:55:36	78775.46	394723.30	38.47	Soil	12,120	0.43
08/09/2021	9:55:37	78775.44	394723.11	38.59	Soil	11,760	0.18
08/09/2021	9:55:38	78775.40	394722.52	38.66	Soil	13,020	1.06
08/09/2021	9:55:39	78775.32	394722.62	38.70	Soil	11,220	-0.20
08/09/2021	9:55:40	78775.35	394723.01	38.70	Soil	10,920	-0.41

SU 7D GWS RESULTS
(SOIL)

08/09/2021	9:55:41	78775.26	394722.96	38.73	Soil	11,640	0.09
08/09/2021	9:55:42	78775.22	394722.70	38.77	Soil	10,920	-0.41
08/09/2021	9:55:43	78775.14	394722.81	38.71	Soil	10,500	-0.71
08/09/2021	9:55:44	78775.07	394723.10	38.60	Soil	10,380	-0.79
08/09/2021	9:55:45	78775.11	394722.99	38.57	Soil	12,060	0.39
08/09/2021	9:55:46	78775.09	394722.85	38.53	Soil	9,360	-1.51
08/09/2021	9:55:47	78775.05	394722.83	38.50	Soil	11,520	0.01
08/09/2021	9:55:48	78775.04	394722.82	38.53	Soil	9,600	-1.34
08/09/2021	9:55:49	78775.04	394722.84	38.56	Soil	12,000	0.34
08/09/2021	9:55:50	78775.10	394722.77	38.74	Soil	11,160	-0.25
08/09/2021	9:55:51	78775.19	394722.59	38.85	Soil	10,680	-0.58
08/09/2021	9:55:52	78775.08	394722.46	38.98	Soil	11,100	-0.29
08/09/2021	9:55:53	78775.09	394722.76	38.65	Soil	9,780	-1.21
08/09/2021	9:55:54	78775.18	394723.11	38.60	Soil	10,440	-0.75
08/09/2021	9:55:55	78775.23	394722.71	38.82	Soil	10,980	-0.37
08/09/2021	9:55:56	78775.30	394722.46	38.66	Soil	10,140	-0.96
08/09/2021	9:55:57	78775.45	394723.17	38.47	Soil	10,620	-0.62
08/09/2021	9:55:58	78775.74	394723.28	38.58	Soil	10,080	-1.00
08/09/2021	9:55:59	78775.78	394722.65	38.63	Soil	10,320	-0.84
08/09/2021	9:56:00	78775.70	394722.65	38.50	Soil	12,300	0.55
08/09/2021	9:56:01	78775.60	394723.24	38.36	Soil	10,800	-0.50
08/09/2021	9:56:02	78775.60	394723.08	38.57	Soil	11,520	0.01
08/09/2021	9:56:03	78775.63	394722.45	38.65	Soil	9,900	-1.13
08/09/2021	9:56:04	78775.63	394722.57	38.61	Soil	12,240	0.51
08/09/2021	9:56:05	78775.81	394723.07	38.56	Soil	11,700	0.13
08/09/2021	9:56:06	78775.72	394722.85	38.83	Soil	11,580	0.05
08/09/2021	9:56:07	78775.53	394722.12	38.83	Soil	11,580	0.05
08/09/2021	9:56:08	78775.51	394722.27	38.61	Soil	10,860	-0.46
08/09/2021	9:56:09	78775.53	394722.66	38.59	Soil	11,940	0.30
08/09/2021	9:56:10	78775.46	394722.64	38.53	Soil	11,280	-0.16
08/09/2021	9:56:11	78775.43	394722.70	38.55	Soil	12,420	0.64
08/09/2021	9:56:12	78775.58	394722.89	38.45	Soil	11,580	0.05
08/09/2021	9:56:13	78775.57	394722.92	38.42	Soil	10,800	-0.50
08/09/2021	9:56:14	78775.55	394722.96	38.38	Soil	11,820	0.22
08/09/2021	9:56:15	78775.58	394722.95	38.44	Soil	11,220	-0.20
08/09/2021	9:56:16	78775.76	394722.91	38.37	Soil	10,980	-0.37
08/09/2021	9:56:17	78775.84	394723.05	38.41	Soil	11,400	-0.08
08/09/2021	9:56:18	78775.79	394722.63	38.80	Soil	11,040	-0.33
08/09/2021	9:56:19	78775.71	394722.09	38.80	Soil	11,880	0.26
08/09/2021	9:56:20	78775.90	394722.54	38.48	Soil	11,820	0.22
08/09/2021	9:56:21	78776.06	394723.09	38.30	Soil	11,220	-0.20
08/09/2021	9:56:22	78775.95	394722.86	38.60	Soil	10,620	-0.62
08/09/2021	9:56:23	78775.73	394722.17	38.72	Soil	11,880	0.26
08/09/2021	9:56:24	78775.78	394722.33	38.41	Soil	13,440	1.35
08/09/2021	9:56:25	78775.95	394722.90	38.40	Soil	12,360	0.60
08/09/2021	9:56:26	78775.80	394722.71	38.55	Soil	12,480	0.68
08/09/2021	9:56:27	78775.69	394722.44	38.58	Soil	11,280	-0.16
08/09/2021	9:56:28	78775.78	394722.89	38.40	Soil	11,640	0.09
08/09/2021	9:56:29	78775.85	394723.17	38.44	Soil	13,260	1.23
08/09/2021	9:56:30	78775.81	394722.50	38.66	Soil	11,580	0.05
08/09/2021	9:56:31	78775.79	394722.24	38.81	Soil	11,580	0.05

SU 7D GWS RESULTS
(SOIL)

08/09/2021	9:56:32	78775.85	394722.95	38.53	Soil	11,640	0.09
08/09/2021	9:56:33	78776.06	394723.13	38.40	Soil	11,340	-0.12
08/09/2021	9:56:34	78776.19	394722.49	38.51	Soil	9,840	-1.17
08/09/2021	9:56:35	78776.32	394722.33	38.60	Soil	12,000	0.34
08/09/2021	9:56:36	78776.11	394722.30	38.68	Soil	13,080	1.10
08/09/2021	9:56:37	78776.11	394721.96	38.78	Soil	11,100	-0.29
08/09/2021	9:56:38	78776.18	394721.91	38.89	Soil	13,560	1.44
08/09/2021	9:56:39	78776.04	394722.14	38.79	Soil	14,460	2.07
08/09/2021	9:56:40	78776.14	394722.31	38.85	Soil	10,860	-0.46
08/09/2021	9:56:41	78776.40	394722.16	38.77	Soil	11,640	0.09
08/09/2021	9:56:42	78776.29	394722.06	38.91	Soil	10,440	-0.75
08/09/2021	9:56:43	78776.07	394722.19	38.65	Soil	12,480	0.68
08/09/2021	9:56:44	78776.35	394722.10	38.65	Soil	12,240	0.51
08/09/2021	9:56:45	78776.55	394721.88	38.85	Soil	12,780	0.89
08/09/2021	9:56:46	78776.29	394722.12	38.65	Soil	12,360	0.60
08/09/2021	9:56:47	78776.44	394722.72	38.40	Soil	10,860	-0.46
08/09/2021	9:56:48	78776.81	394722.88	38.09	Soil	9,660	-1.30
08/09/2021	9:56:49	78776.80	394722.48	38.16	Soil	10,860	-0.46
08/09/2021	9:56:50	78776.70	394722.57	38.25	Soil	11,460	-0.04
08/09/2021	9:56:51	78776.61	394722.57	38.39	Soil	11,880	0.26
08/09/2021	9:56:52	78776.46	394722.50	38.30	Soil	12,720	0.85
08/09/2021	9:56:53	78776.55	394722.73	38.30	Soil	10,200	-0.92
08/09/2021	9:56:54	78776.43	394723.01	38.19	Soil	10,980	-0.37
08/09/2021	9:56:55	78776.53	394722.99	38.21	Soil	12,120	0.43
08/09/2021	9:56:56	78776.45	394722.46	38.34	Soil	11,760	0.18
08/09/2021	9:56:57	78776.20	394722.15	38.62	Soil	9,960	-1.09
08/09/2021	9:56:58	78776.16	394721.61	38.79	Soil	10,740	-0.54
08/09/2021	9:56:59	78776.27	394721.59	38.68	Soil	11,760	0.18
08/09/2021	9:57:00	78776.16	394721.87	38.70	Soil	12,660	0.81
08/09/2021	9:57:01	78776.00	394722.16	38.59	Soil	10,620	-0.62
08/09/2021	9:57:02	78776.08	394722.20	38.49	Soil	10,560	-0.67
08/09/2021	9:57:03	78776.20	394722.35	38.38	Soil	11,940	0.30
08/09/2021	9:57:04	78776.18	394722.39	38.40	Soil	11,160	-0.25
08/09/2021	9:57:05	78776.29	394722.41	38.48	Soil	11,700	0.13
08/09/2021	9:57:06	78776.43	394722.68	38.47	Soil	11,460	-0.04
08/09/2021	9:57:07	78776.54	394723.01	38.31	Soil	9,840	-1.17
08/09/2021	9:57:08	78776.51	394722.69	38.44	Soil	10,980	-0.37
08/09/2021	9:57:09	78776.41	394721.93	38.70	Soil	11,460	-0.04
08/09/2021	9:57:10	78776.45	394721.69	38.54	Soil	12,900	0.98
08/09/2021	9:57:11	78776.67	394722.23	38.42	Soil	9,900	-1.13
08/09/2021	9:57:12	78776.75	394722.65	38.35	Soil	10,500	-0.71
08/09/2021	9:57:13	78776.76	394722.44	38.43	Soil	11,880	0.26
08/09/2021	9:57:14	78776.72	394722.24	38.35	Soil	11,760	0.18
08/09/2021	9:57:15	78776.84	394722.69	38.16	Soil	11,280	-0.16
08/09/2021	9:57:16	78776.87	394722.85	38.36	Soil	11,340	-0.12
08/09/2021	9:57:17	78776.71	394722.40	38.46	Soil	11,520	0.01
08/09/2021	9:57:18	78776.59	394722.40	38.42	Soil	11,640	0.09
08/09/2021	9:57:19	78776.51	394722.47	38.65	Soil	11,280	-0.16
08/09/2021	9:57:20	78776.43	394721.91	38.83	Soil	12,060	0.39
08/09/2021	9:57:21	78776.64	394721.84	38.58	Soil	10,080	-1.00
08/09/2021	9:57:22	78776.67	394722.19	38.55	Soil	10,800	-0.50

SU 7D GWS RESULTS
(SOIL)

08/09/2021	9:57:23	78776.56	394722.03	38.76	Soil	11,640	0.09
08/09/2021	9:57:24	78776.55	394721.56	38.81	Soil	10,860	-0.46
08/09/2021	9:57:25	78776.54	394721.79	38.61	Soil	11,340	-0.12
08/09/2021	9:57:26	78776.73	394722.52	38.38	Soil	11,160	-0.25
08/09/2021	9:57:27	78776.99	394722.79	38.37	Soil	10,380	-0.79
08/09/2021	9:57:28	78777.29	394722.37	38.37	Soil	12,300	0.55
08/09/2021	9:57:29	78777.16	394722.31	38.35	Soil	10,200	-0.92
08/09/2021	9:57:30	78776.92	394722.45	38.35	Soil	11,820	0.22
08/09/2021	9:57:31	78776.79	394722.52	38.46	Soil	13,320	1.27
08/09/2021	9:57:32	78776.94	394722.56	38.37	Soil	10,980	-0.37
08/09/2021	9:57:33	78777.02	394722.59	38.48	Soil	11,760	0.18
08/09/2021	9:57:34	78776.96	394722.04	38.80	Soil	11,700	0.13
08/09/2021	9:57:35	78776.86	394721.33	38.81	Soil	11,340	-0.12
08/09/2021	9:57:36	78776.95	394721.55	38.55	Soil	12,240	0.51
08/09/2021	9:57:37	78777.13	394722.04	38.42	Soil	10,620	-0.62
08/09/2021	9:57:38	78777.25	394721.90	38.72	Soil	10,800	-0.50
08/09/2021	9:57:41	78777.25	394722.09	38.37	Soil	11,220	-0.20
08/09/2021	9:57:42	78777.18	394722.16	38.45	Soil	12,240	0.51
08/09/2021	9:57:43	78777.22	394721.96	38.36	Soil	11,640	0.09
08/09/2021	9:57:44	78777.60	394722.24	37.98	Soil	11,160	-0.25
08/09/2021	9:57:45	78777.62	394722.25	38.09	Soil	9,600	-1.34
08/09/2021	9:57:46	78777.45	394721.99	38.28	Soil	11,700	0.13
08/09/2021	9:57:47	78777.45	394721.70	38.36	Soil	12,060	0.39
08/09/2021	9:57:48	78777.53	394721.51	38.42	Soil	10,140	-0.96
08/09/2021	9:57:51	78777.54	394721.72	38.15	Soil	12,060	0.39
08/09/2021	9:57:52	78777.77	394721.97	38.05	Soil	10,620	-0.62
08/09/2021	9:57:56	78777.86	394721.70	38.29	Soil	12,180	0.47
08/09/2021	9:57:57	78777.77	394721.53	38.27	Soil	11,700	0.13
08/09/2021	9:57:58	78777.55	394721.48	38.33	Soil	10,560	-0.67
08/09/2021	9:57:59	78777.47	394721.45	38.26	Soil	11,940	0.30
08/09/2021	9:58:00	78777.55	394721.45	38.10	Soil	13,200	1.19
08/09/2021	9:58:01	78777.54	394721.58	38.00	Soil	10,560	-0.67
08/09/2021	9:58:02	78777.55	394721.65	37.89	Soil	11,160	-0.25
08/09/2021	9:58:03	78777.45	394721.68	37.85	Soil	11,040	-0.33
08/09/2021	9:58:04	78777.43	394721.75	37.85	Soil	11,700	0.13
08/09/2021	9:58:05	78777.43	394721.78	37.83	Soil	12,240	0.51
08/09/2021	9:58:06	78777.39	394721.81	37.79	Soil	10,140	-0.96
08/09/2021	9:58:07	78777.42	394721.79	37.88	Soil	10,800	-0.50
08/09/2021	9:58:08	78777.52	394721.68	37.95	Soil	10,740	-0.54
08/09/2021	9:58:09	78777.50	394721.58	37.88	Soil	11,880	0.26
08/09/2021	9:58:10	78777.40	394721.62	37.91	Soil	11,940	0.30
08/09/2021	9:58:11	78777.42	394721.61	37.93	Soil	11,520	0.01
08/09/2021	9:58:12	78777.42	394721.60	37.94	Soil	10,860	-0.46
08/09/2021	9:58:13	78777.41	394721.60	37.96	Soil	12,600	0.76
08/09/2021	9:58:14	78777.42	394721.59	38.03	Soil	11,820	0.22
08/09/2021	9:58:15	78777.47	394721.55	38.03	Soil	10,920	-0.41
08/09/2021	9:58:16	78777.55	394721.53	38.06	Soil	10,740	-0.54
08/09/2021	9:58:17	78777.68	394721.47	38.05	Soil	12,300	0.55
08/09/2021	9:58:18	78777.61	394721.48	38.26	Soil	11,880	0.26
08/09/2021	9:58:19	78777.56	394721.62	38.20	Soil	11,460	-0.04
08/09/2021	9:58:20	78777.51	394722.05	38.03	Soil	11,280	-0.16

SU 7D GWS RESULTS
(SOIL)

08/09/2021	9:58:22	78777.54	394721.53	38.44	Soil	10,500	-0.71
08/09/2021	9:58:23	78777.49	394721.38	38.46	Soil	11,640	0.09
08/09/2021	9:58:24	78777.58	394721.39	38.44	Soil	11,100	-0.29
08/09/2021	9:58:25	78777.69	394721.29	38.40	Soil	11,400	-0.08
08/09/2021	9:58:26	78777.78	394721.26	38.45	Soil	11,580	0.05
08/09/2021	9:58:27	78777.72	394721.30	38.48	Soil	9,360	-1.51
08/09/2021	9:58:28	78777.73	394721.29	38.46	Soil	10,500	-0.71
08/09/2021	9:58:29	78777.76	394721.26	38.49	Soil	12,360	0.60
08/09/2021	9:58:30	78777.71	394721.29	38.52	Soil	10,620	-0.62
08/09/2021	9:58:31	78777.70	394721.32	38.53	Soil	10,020	-1.05
08/09/2021	9:58:32	78777.71	394721.30	38.53	Soil	11,640	0.09
08/09/2021	9:58:33	78777.71	394721.30	38.54	Soil	11,520	0.01
08/09/2021	9:58:34	78777.69	394721.31	38.55	Soil	10,860	-0.46
08/09/2021	9:58:35	78777.69	394721.31	38.56	Soil	10,740	-0.54
08/09/2021	9:58:36	78777.69	394721.31	38.58	Soil	11,220	-0.20
08/09/2021	9:58:37	78777.67	394721.32	38.60	Soil	10,860	-0.46
08/09/2021	9:58:38	78777.66	394721.33	38.62	Soil	9,720	-1.26
08/09/2021	9:58:39	78777.66	394721.33	38.64	Soil	10,260	-0.88
08/09/2021	9:58:40	78777.65	394721.39	38.71	Soil	10,260	-0.88
08/09/2021	9:58:41	78777.62	394721.62	38.61	Soil	11,160	-0.25
08/09/2021	9:58:42	78777.63	394721.48	38.70	Soil	10,560	-0.67
08/09/2021	9:58:43	78777.64	394721.18	38.70	Soil	10,260	-0.88
08/09/2021	9:58:44	78777.64	394721.75	38.56	Soil	11,880	0.26
08/09/2021	9:58:46	78777.91	394721.92	38.35	Soil	11,220	-0.20
08/09/2021	9:58:49	78777.68	394721.76	38.54	Soil	10,320	-0.84
08/09/2021	9:58:50	78777.78	394721.38	38.51	Soil	11,280	-0.16
08/09/2021	9:58:51	78777.87	394721.23	38.46	Soil	11,220	-0.20
08/09/2021	9:58:53	78777.92	394721.93	38.55	Soil	12,060	0.39
08/09/2021	9:58:55	78777.70	394721.37	38.63	Soil	10,560	-0.67
08/09/2021	9:58:57	78777.76	394721.51	38.60	Soil	10,200	-0.92
08/09/2021	9:58:58	78777.90	394721.18	38.71	Soil	11,280	-0.16
08/09/2021	9:58:59	78778.00	394720.90	38.41	Soil	12,840	0.93
08/09/2021	9:59:01	78778.19	394721.67	38.39	Soil	11,400	-0.08
08/09/2021	9:59:03	78778.43	394721.48	38.11	Soil	11,460	-0.04
08/09/2021	9:59:07	78778.41	394721.76	37.94	Soil	11,400	-0.08
08/09/2021	9:59:08	78778.25	394721.65	37.97	Soil	11,340	-0.12
08/09/2021	9:59:09	78778.38	394721.70	38.01	Soil	11,820	0.22
08/09/2021	9:59:10	78778.55	394721.70	38.01	Soil	10,620	-0.62
08/09/2021	9:59:11	78778.34	394721.63	38.15	Soil	12,300	0.55
08/09/2021	9:59:12	78778.47	394721.39	38.02	Soil	12,960	1.02
08/09/2021	9:59:13	78778.79	394721.20	38.06	Soil	10,620	-0.62
08/09/2021	9:59:15	78778.44	394721.58	37.98	Soil	11,700	0.13
08/09/2021	9:59:16	78778.65	394721.99	37.64	Soil	11,640	0.09
08/09/2021	9:59:17	78778.66	394721.84	37.82	Soil	10,800	-0.50
08/09/2021	9:59:18	78778.52	394721.04	38.05	Soil	11,100	-0.29
08/09/2021	9:59:19	78778.41	394720.47	38.04	Soil	11,460	-0.04
08/09/2021	9:59:20	78778.38	394720.87	37.93	Soil	10,860	-0.46
08/09/2021	9:59:21	78778.67	394721.50	37.95	Soil	12,180	0.47
08/09/2021	9:59:24	78778.82	394720.96	37.80	Soil	10,620	-0.62
08/09/2021	9:59:25	78779.07	394721.06	37.78	Soil	13,200	1.19
08/09/2021	9:59:26	78779.00	394721.17	37.87	Soil	10,860	-0.46

SU 7D GWS RESULTS
(SOIL)

08/09/2021	9:59:27	78778.97	394721.14	37.79	Soil	10,260	-0.88
08/09/2021	9:59:28	78779.03	394721.22	37.85	Soil	12,720	0.85
08/09/2021	9:59:29	78778.97	394721.19	37.89	Soil	10,080	-1.00
08/09/2021	9:59:30	78778.96	394721.20	37.84	Soil	10,020	-1.05
08/09/2021	9:59:31	78779.01	394721.25	37.89	Soil	12,540	0.72
08/09/2021	9:59:32	78778.96	394721.22	37.90	Soil	11,280	-0.16
08/09/2021	9:59:33	78778.96	394721.24	37.86	Soil	10,440	-0.75
08/09/2021	9:59:34	78778.98	394721.29	37.92	Soil	10,320	-0.84
08/09/2021	9:59:35	78778.93	394721.24	37.88	Soil	10,140	-0.96
08/09/2021	9:59:36	78778.94	394721.30	37.88	Soil	10,620	-0.62
08/09/2021	9:59:37	78778.95	394721.29	37.92	Soil	11,880	0.26
08/09/2021	9:59:38	78778.93	394721.25	37.91	Soil	12,180	0.47
08/09/2021	9:59:39	78778.93	394721.28	37.90	Soil	12,180	0.47
08/09/2021	9:59:40	78778.94	394721.28	37.93	Soil	11,100	-0.29
08/09/2021	9:59:41	78778.92	394721.26	37.89	Soil	12,480	0.68
08/09/2021	9:59:42	78778.92	394721.30	37.90	Soil	11,340	-0.12
08/09/2021	9:59:43	78778.91	394721.29	37.91	Soil	11,100	-0.29
08/09/2021	9:59:44	78778.89	394721.28	37.89	Soil	11,220	-0.20
08/09/2021	9:59:45	78778.90	394721.31	37.90	Soil	9,660	-1.30
08/09/2021	9:59:46	78778.89	394721.29	37.91	Soil	11,760	0.18
08/09/2021	9:59:47	78778.86	394721.30	37.87	Soil	11,760	0.18
08/09/2021	9:59:48	78778.82	394721.42	37.83	Soil	10,260	-0.88
08/09/2021	9:59:49	78778.74	394721.40	38.13	Soil	10,440	-0.75
08/09/2021	9:59:50	78778.54	394721.36	38.11	Soil	11,220	-0.20
08/09/2021	9:59:51	78778.67	394721.92	37.79	Soil	10,020	-1.05
08/09/2021	9:59:52	78778.78	394722.00	37.92	Soil	11,400	-0.08
08/09/2021	9:59:53	78778.63	394721.55	38.21	Soil	11,040	-0.33
08/09/2021	9:59:54	78778.48	394720.95	38.23	Soil	12,780	0.89
08/09/2021	9:59:55	78778.50	394721.35	38.03	Soil	10,920	-0.41
08/09/2021	9:59:56	78778.65	394722.07	38.05	Soil	10,200	-0.92
08/09/2021	9:59:57	78778.71	394721.91	38.16	Soil	10,980	-0.37
08/09/2021	9:59:58	78778.46	394721.11	38.29	Soil	10,500	-0.71
08/09/2021	9:59:59	78778.31	394720.87	38.25	Soil	11,160	-0.25
08/09/2021	10:00:00	78778.28	394721.22	38.11	Soil	11,160	-0.25
08/09/2021	10:00:01	78778.46	394721.94	37.96	Soil	11,940	0.30
08/09/2021	10:00:02	78778.78	394721.99	38.17	Soil	11,640	0.09
08/09/2021	10:00:03	78778.67	394721.35	38.20	Soil	10,380	-0.79
08/09/2021	10:00:05	78778.64	394721.95	37.69	Soil	11,280	-0.16
08/09/2021	10:00:06	78778.83	394722.17	37.83	Soil	10,440	-0.75
08/09/2021	10:00:07	78778.84	394721.69	38.06	Soil	10,620	-0.62
08/09/2021	10:00:09	78778.67	394721.25	38.02	Soil	10,800	-0.50
08/09/2021	10:00:10	78778.81	394721.86	37.84	Soil	11,820	0.22
08/09/2021	10:00:11	78778.92	394722.16	37.97	Soil	9,540	-1.38
08/09/2021	10:00:12	78778.81	394721.53	38.09	Soil	10,800	-0.50
08/09/2021	10:00:13	78778.84	394721.13	38.03	Soil	11,520	0.01
08/09/2021	10:00:14	78779.06	394721.72	37.91	Soil	11,880	0.26
08/09/2021	10:00:17	78778.92	394721.77	38.01	Soil	10,320	-0.84
08/09/2021	10:00:18	78779.14	394721.38	37.96	Soil	11,100	-0.29
08/09/2021	10:00:22	78779.01	394721.55	37.92	Soil	10,320	-0.84
08/09/2021	10:00:29	78779.34	394721.26	38.19	Soil	10,440	-0.75
08/09/2021	10:00:30	78779.25	394721.58	38.11	Soil	9,540	-1.38

SU 7D GWS RESULTS
(SOIL)

08/09/2021	10:00:33	78779.29	394721.30	38.29	Soil	11,760	0.18
08/09/2021	10:00:34	78779.39	394721.23	38.37	Soil	10,260	-0.88
08/09/2021	10:00:38	78779.36	394721.03	38.48	Soil	11,040	-0.33
08/09/2021	10:00:40	78779.51	394721.29	38.21	Soil	10,740	-0.54
08/09/2021	10:00:41	78779.98	394721.82	38.06	Soil	12,120	0.43
08/09/2021	10:00:43	78779.68	394720.71	38.34	Soil	9,960	-1.09
08/09/2021	10:00:47	78780.08	394721.86	37.88	Soil	9,960	-1.09
08/09/2021	10:00:51	78779.88	394720.65	38.21	Soil	9,540	-1.38
08/09/2021	14:43:13	78789.25	394738.07	34.63	Soil	8,820	-1.89
08/09/2021	14:43:14	78789.09	394737.86	34.50	Soil	6,900	-3.24
08/09/2021	14:43:18	78789.31	394737.89	34.24	Soil	6,780	-3.32
08/09/2021	14:43:19	78788.79	394738.07	33.91	Soil	6,120	-3.78
08/09/2021	14:43:21	78788.83	394738.03	33.89	Soil	7,320	-2.94
08/09/2021	14:43:22	78789.24	394737.84	33.83	Soil	7,200	-3.02
08/09/2021	14:43:23	78788.91	394737.89	33.88	Soil	7,860	-2.56
08/09/2021	14:43:26	78789.28	394738.04	34.15	Soil	8,220	-2.31
08/09/2021	14:43:32	78788.92	394738.12	34.20	Soil	7,860	-2.56
08/09/2021	14:43:33	78788.87	394738.06	34.09	Soil	7,560	-2.77
08/09/2021	14:43:34	78788.71	394737.85	33.88	Soil	6,840	-3.28
08/09/2021	14:43:36	78788.82	394737.77	34.04	Soil	7,620	-2.73
08/09/2021	14:43:37	78789.09	394737.73	34.20	Soil	7,020	-3.15
08/09/2021	14:43:38	78788.99	394738.05	34.24	Soil	8,820	-1.89
08/09/2021	14:43:40	78788.76	394738.11	34.25	Soil	8,940	-1.80
08/09/2021	14:43:41	78788.99	394737.87	34.37	Soil	7,920	-2.52
08/09/2021	14:43:42	78788.82	394738.08	34.46	Soil	7,680	-2.69
08/09/2021	14:43:46	78788.81	394738.09	34.24	Soil	8,220	-2.31
08/09/2021	14:43:47	78789.03	394737.98	34.39	Soil	6,840	-3.28
08/09/2021	14:43:48	78788.92	394738.11	34.31	Soil	7,080	-3.11
08/09/2021	14:43:49	78789.11	394738.01	34.31	Soil	8,460	-2.14
08/09/2021	14:43:50	78789.12	394738.01	34.29	Soil	6,780	-3.32
08/09/2021	14:43:51	78789.10	394737.93	34.28	Soil	7,800	-2.60
08/09/2021	14:43:52	78789.10	394737.93	34.30	Soil	7,440	-2.86
08/09/2021	14:43:53	78789.09	394737.91	34.27	Soil	7,200	-3.02
08/09/2021	14:43:54	78789.10	394737.92	34.22	Soil	7,740	-2.65
08/09/2021	14:43:55	78789.09	394737.95	33.91	Soil	8,340	-2.22
08/09/2021	14:43:56	78788.84	394737.97	33.67	Soil	8,220	-2.31
08/09/2021	14:43:57	78789.36	394737.93	33.66	Soil	6,780	-3.32
08/09/2021	14:43:58	78789.42	394737.69	33.31	Soil	6,780	-3.32
08/09/2021	14:43:59	78789.19	394737.52	33.28	Soil	6,780	-3.32
08/09/2021	14:44:00	78789.18	394737.43	33.21	Soil	4,680	-4.79
08/09/2021	14:44:01	78789.11	394737.47	33.21	Soil	6,060	-3.82
08/09/2021	14:44:02	78789.08	394737.49	33.20	Soil	7,140	-3.07
08/09/2021	14:44:03	78789.07	394737.59	33.03	Soil	6,660	-3.40
08/09/2021	14:44:04	78789.14	394737.72	32.94	Soil	6,660	-3.40
08/09/2021	14:44:05	78789.23	394737.27	32.99	Soil	7,020	-3.15
08/09/2021	14:44:06	78789.32	394737.39	33.23	Soil	5,460	-4.25
08/09/2021	14:44:08	78789.18	394738.05	33.15	Soil	8,340	-2.22
08/09/2021	14:44:09	78789.37	394736.95	33.14	Soil	7,200	-3.02
08/09/2021	14:44:10	78789.26	394737.03	33.16	Soil	7,320	-2.94
08/09/2021	14:44:11	78789.04	394737.56	33.23	Soil	5,580	-4.16
08/09/2021	14:44:12	78789.21	394736.85	33.02	Soil	6,660	-3.40

SU 7D GWS RESULTS
(SOIL)

08/09/2021	14:44:13	78789.42	394736.93	33.18	Soil	7,440	-2.86
08/09/2021	14:44:14	78789.45	394737.33	33.48	Soil	7,440	-2.86
08/09/2021	14:44:15	78789.46	394736.70	33.55	Soil	7,380	-2.90
08/09/2021	14:44:16	78789.41	394736.47	33.40	Soil	7,440	-2.86
08/09/2021	14:44:17	78789.21	394737.38	33.33	Soil	7,980	-2.48
08/09/2021	14:44:18	78789.24	394737.44	33.29	Soil	6,900	-3.24
08/09/2021	14:44:19	78789.26	394736.82	33.34	Soil	7,500	-2.81
08/09/2021	14:44:20	78789.17	394736.88	33.34	Soil	8,880	-1.85
08/09/2021	14:44:21	78788.91	394737.64	33.36	Soil	8,160	-2.35
08/09/2021	14:44:22	78788.91	394737.43	33.17	Soil	6,900	-3.24
08/09/2021	14:44:23	78789.05	394736.77	33.29	Soil	7,380	-2.90
08/09/2021	14:44:24	78789.02	394737.27	33.54	Soil	8,460	-2.14
08/09/2021	14:44:25	78789.09	394737.41	33.75	Soil	7,380	-2.90
08/09/2021	14:44:26	78789.46	394736.69	33.81	Soil	9,720	-1.26
08/09/2021	14:44:27	78789.45	394736.99	33.88	Soil	9,120	-1.68
08/09/2021	14:44:28	78789.17	394737.78	33.99	Soil	7,860	-2.56
08/09/2021	14:44:29	78789.51	394737.39	34.22	Soil	8,040	-2.44
08/09/2021	14:44:30	78789.49	394736.68	34.24	Soil	8,580	-2.06
08/09/2021	14:44:31	78789.36	394737.08	34.43	Soil	9,240	-1.59
08/09/2021	14:44:32	78789.13	394737.90	34.64	Soil	8,220	-2.31
08/09/2021	14:44:33	78789.42	394737.50	34.97	Soil	6,540	-3.49
08/09/2021	14:44:34	78789.70	394737.09	34.88	Soil	9,180	-1.64
08/09/2021	14:44:35	78789.63	394737.75	34.86	Soil	9,480	-1.42
08/09/2021	14:44:36	78789.77	394737.82	34.85	Soil	8,880	-1.85
08/09/2021	14:44:37	78789.85	394737.75	34.92	Soil	8,100	-2.39
08/09/2021	14:44:38	78789.52	394737.61	34.89	Soil	7,740	-2.65
08/09/2021	14:44:39	78789.64	394737.13	35.00	Soil	9,120	-1.68
08/09/2021	14:44:40	78789.79	394737.58	35.49	Soil	10,560	-0.67
08/09/2021	14:44:41	78789.41	394737.95	35.97	Soil	8,760	-1.93
08/09/2021	14:44:42	78789.54	394737.96	36.21	Soil	7,620	-2.73
08/09/2021	14:44:43	78789.62	394737.77	36.58	Soil	8,700	-1.97
08/09/2021	14:44:44	78789.64	394737.89	36.63	Soil	9,060	-1.72
08/09/2021	14:44:45	78789.66	394737.87	36.69	Soil	8,940	-1.80
08/09/2021	14:44:46	78789.45	394737.86	36.62	Soil	8,520	-2.10
08/09/2021	14:44:47	78789.38	394737.77	36.53	Soil	8,520	-2.10
08/09/2021	14:44:48	78789.37	394737.70	36.46	Soil	8,820	-1.89
08/09/2021	14:44:49	78789.49	394737.65	36.29	Soil	9,120	-1.68
08/09/2021	14:44:50	78789.50	394737.49	35.80	Soil	10,740	-0.54
08/09/2021	14:44:51	78789.46	394737.64	35.35	Soil	8,400	-2.18
08/09/2021	14:44:52	78789.45	394737.65	35.02	Soil	8,940	-1.80
08/09/2021	14:44:53	78789.61	394737.41	34.85	Soil	8,640	-2.01
08/09/2021	14:44:54	78789.63	394737.01	34.85	Soil	8,340	-2.22
08/09/2021	14:44:55	78789.37	394737.35	34.84	Soil	7,680	-2.69
08/09/2021	14:44:56	78789.34	394737.84	34.95	Soil	9,060	-1.72
08/09/2021	14:44:57	78789.57	394737.39	35.06	Soil	8,820	-1.89
08/09/2021	14:44:58	78789.52	394737.12	35.00	Soil	8,640	-2.01
08/09/2021	14:44:59	78789.57	394737.79	35.05	Soil	9,660	-1.30
08/09/2021	14:45:00	78789.67	394737.79	35.04	Soil	8,880	-1.85
08/09/2021	14:45:01	78789.87	394737.15	35.05	Soil	7,800	-2.60
08/09/2021	14:45:02	78789.81	394737.28	35.14	Soil	8,820	-1.89
08/09/2021	14:45:03	78789.59	394738.04	35.15	Soil	8,820	-1.89

SU 7D GWS RESULTS
(SOIL)

08/09/2021	14:45:04	78789.64	394737.62	35.22	Soil	7,560	-2.77
08/09/2021	14:45:05	78789.78	394736.90	35.14	Soil	7,620	-2.73
08/09/2021	14:45:06	78789.72	394737.77	35.25	Soil	8,340	-2.22
08/09/2021	14:45:08	78789.85	394737.47	35.33	Soil	8,520	-2.10
08/09/2021	14:45:09	78789.97	394737.24	35.35	Soil	8,400	-2.18
08/09/2021	14:45:10	78789.72	394738.05	35.44	Soil	9,660	-1.30
08/09/2021	14:45:12	78789.97	394737.53	35.36	Soil	9,960	-1.09
08/09/2021	14:45:13	78789.98	394737.32	35.47	Soil	9,600	-1.34
08/09/2021	14:45:16	78790.13	394737.28	35.24	Soil	8,280	-2.27
08/09/2021	14:45:17	78790.11	394737.42	35.44	Soil	8,340	-2.22
08/09/2021	14:45:19	78790.17	394738.12	35.21	Soil	9,420	-1.47
08/09/2021	14:45:20	78790.32	394737.08	35.12	Soil	7,620	-2.73
08/09/2021	14:45:21	78790.27	394737.17	35.18	Soil	8,400	-2.18
08/09/2021	14:45:22	78790.05	394738.12	35.16	Soil	9,600	-1.34
08/09/2021	14:45:23	78790.11	394737.98	35.16	Soil	8,400	-2.18
08/09/2021	14:45:24	78790.44	394737.23	35.19	Soil	9,300	-1.55
08/09/2021	14:45:25	78790.44	394737.51	35.21	Soil	9,300	-1.55
08/09/2021	14:45:27	78790.35	394737.87	35.25	Soil	9,000	-1.76
08/09/2021	14:45:28	78790.55	394737.16	35.29	Soil	10,380	-0.79
08/09/2021	14:45:29	78790.55	394737.80	35.37	Soil	10,980	-0.37
08/09/2021	14:45:31	78790.37	394737.99	35.31	Soil	9,180	-1.64
08/09/2021	14:45:32	78790.68	394737.02	35.29	Soil	8,880	-1.85
08/09/2021	14:45:33	78790.59	394737.69	35.37	Soil	10,560	-0.67
08/09/2021	14:45:35	78790.43	394738.14	35.38	Soil	8,520	-2.10
08/09/2021	14:45:36	78790.55	394737.21	35.46	Soil	11,160	-0.25
08/09/2021	14:45:37	78790.56	394737.88	35.69	Soil	8,580	-2.06
08/09/2021	14:45:40	78790.57	394737.39	35.64	Soil	9,000	-1.76
08/09/2021	14:45:41	78790.50	394737.93	35.76	Soil	11,340	-0.12
08/09/2021	14:45:43	78790.75	394737.81	35.81	Soil	9,900	-1.13
08/09/2021	14:45:44	78790.72	394737.12	35.72	Soil	10,800	-0.50
08/09/2021	14:45:45	78790.69	394738.09	35.76	Soil	9,000	-1.76
08/09/2021	14:45:47	78790.48	394737.97	35.96	Soil	9,780	-1.21
08/09/2021	14:45:48	78790.80	394737.58	36.07	Soil	11,220	-0.20
08/09/2021	14:45:49	78791.07	394737.87	36.08	Soil	9,060	-1.72
08/09/2021	14:45:51	78790.92	394738.07	36.13	Soil	10,620	-0.62
08/09/2021	14:45:52	78790.99	394737.61	36.13	Soil	9,780	-1.21
08/09/2021	14:45:55	78791.23	394737.96	36.31	Soil	9,480	-1.42
08/09/2021	14:45:56	78791.36	394737.66	36.28	Soil	9,360	-1.51
08/09/2021	14:45:57	78790.98	394738.13	36.32	Soil	10,560	-0.67
08/09/2021	14:46:00	78791.67	394737.83	36.52	Soil	9,360	-1.51
08/09/2021	14:46:20	78791.62	394738.10	36.67	Soil	8,220	-2.31
08/09/2021	14:46:21	78791.84	394737.84	36.65	Soil	9,300	-1.55
08/09/2021	14:46:24	78791.93	394737.84	36.71	Soil	10,140	-0.96
08/09/2021	14:46:25	78791.86	394738.10	36.77	Soil	9,780	-1.21
08/09/2021	14:46:28	78791.85	394738.12	36.77	Soil	8,760	-1.93
08/09/2021	14:46:32	78792.00	394737.58	36.92	Soil	9,660	-1.30
08/09/2021	14:46:36	78792.03	394737.99	37.09	Soil	9,780	-1.21
08/09/2021	14:46:40	78792.08	394738.10	37.10	Soil	10,140	-0.96
08/09/2021	14:46:43	78792.06	394738.03	37.15	Soil	9,600	-1.34
08/09/2021	14:46:44	78792.13	394738.12	37.06	Soil	10,500	-0.71
08/09/2021	14:46:47	78792.45	394738.01	37.21	Soil	8,940	-1.80

SU 7D GWS RESULTS
(SOIL)

08/09/2021	14:46:59	78793.12	394738.07	37.45	Soil	9,780	-1.21
08/09/2021	14:47:38	78794.22	394738.09	37.76	Soil	8,160	-2.35
08/09/2021	14:47:40	78794.06	394738.14	37.88	Soil	9,300	-1.55
08/09/2021	14:47:41	78794.48	394737.81	37.88	Soil	9,420	-1.47
08/09/2021	14:47:42	78794.52	394737.74	37.91	Soil	8,760	-1.93
08/09/2021	14:47:43	78794.42	394737.77	37.97	Soil	8,760	-1.93
08/09/2021	14:47:44	78794.56	394737.32	37.97	Soil	9,960	-1.09
08/09/2021	14:47:45	78794.67	394737.01	37.95	Soil	10,380	-0.79
08/09/2021	14:47:46	78794.50	394737.23	38.08	Soil	9,540	-1.38
08/09/2021	14:47:46	78794.33	394737.51	37.96	Soil	8,640	-2.01
08/09/2021	14:47:48	78794.33	394737.48	37.96	Soil	9,060	-1.72
08/09/2021	14:47:49	78794.25	394737.49	37.79	Soil	9,480	-1.42
08/09/2021	14:47:49	78794.20	394737.48	37.69	Soil	7,920	-2.52
08/09/2021	14:47:50	78794.11	394737.42	37.72	Soil	9,120	-1.68
08/09/2021	14:47:51	78794.14	394737.12	37.75	Soil	9,660	-1.30
08/09/2021	14:47:52	78794.16	394737.03	37.78	Soil	9,420	-1.47
08/09/2021	14:47:53	78793.90	394737.61	37.78	Soil	9,660	-1.30
08/09/2021	14:47:54	78793.79	394737.86	37.57	Soil	8,940	-1.80
08/09/2021	14:47:55	78793.69	394737.14	37.48	Soil	9,840	-1.17
08/09/2021	14:47:56	78793.78	394736.69	37.48	Soil	9,600	-1.34
08/09/2021	14:47:57	78793.62	394736.87	37.36	Soil	10,020	-1.05
08/09/2021	14:47:58	78793.39	394737.29	37.37	Soil	9,780	-1.21
08/09/2021	14:47:59	78793.46	394737.41	37.30	Soil	7,680	-2.69
08/09/2021	14:48:00	78793.42	394736.97	37.31	Soil	10,140	-0.96
08/09/2021	14:48:01	78793.68	394736.68	37.18	Soil	9,900	-1.13
08/09/2021	14:48:02	78793.26	394736.70	37.14	Soil	9,660	-1.30
08/09/2021	14:48:03	78793.15	394737.36	37.14	Soil	8,700	-1.97
08/09/2021	14:48:04	78793.24	394737.24	36.99	Soil	9,600	-1.34
08/09/2021	14:48:05	78793.25	394736.57	37.17	Soil	8,760	-1.93
08/09/2021	14:48:06	78793.64	394736.17	37.15	Soil	10,200	-0.92
08/09/2021	14:48:07	78793.51	394736.56	37.15	Soil	8,220	-2.31
08/09/2021	14:48:08	78793.52	394736.68	37.17	Soil	9,540	-1.38
08/09/2021	14:48:09	78793.66	394735.99	37.21	Soil	9,900	-1.13
08/09/2021	14:48:10	78793.42	394736.18	37.07	Soil	9,900	-1.13
08/09/2021	14:48:11	78793.06	394737.10	36.87	Soil	9,060	-1.72
08/09/2021	14:48:12	78793.08	394737.10	36.87	Soil	10,080	-1.00
08/09/2021	14:48:13	78793.15	394736.45	36.83	Soil	9,300	-1.55
08/09/2021	14:48:14	78793.24	394736.13	36.79	Soil	11,280	-0.16
08/09/2021	14:48:15	78792.87	394736.56	36.79	Soil	8,700	-1.97
08/09/2021	14:48:16	78792.73	394737.20	36.72	Soil	10,020	-1.05
08/09/2021	14:48:17	78792.88	394736.67	36.69	Soil	9,900	-1.13
08/09/2021	14:48:18	78793.04	394736.01	36.79	Soil	10,020	-1.05
08/09/2021	14:48:19	78792.98	394736.01	36.79	Soil	9,660	-1.30
08/09/2021	14:48:20	78792.80	394736.11	36.74	Soil	9,960	-1.09
08/09/2021	14:48:21	78792.67	394736.55	36.58	Soil	10,080	-1.00
08/09/2021	14:48:22	78792.54	394736.68	36.54	Soil	9,060	-1.72
08/09/2021	14:48:23	78792.39	394736.54	36.47	Soil	10,140	-0.96
08/09/2021	14:48:24	78792.57	394736.52	36.41	Soil	8,340	-2.22
08/09/2021	14:48:25	78792.51	394736.36	36.36	Soil	9,180	-1.64
08/09/2021	14:48:26	78792.70	394735.93	36.50	Soil	9,180	-1.64
08/09/2021	14:48:27	78792.81	394735.83	36.54	Soil	8,940	-1.80

SU 7D GWS RESULTS
(SOIL)

08/09/2021	14:48:28	78792.51	394736.35	36.44	Soil	9,960	-1.09
08/09/2021	14:48:29	78792.35	394736.52	36.32	Soil	8,700	-1.97
08/09/2021	14:48:30	78792.51	394735.84	36.41	Soil	9,300	-1.55
08/09/2021	14:48:31	78792.53	394735.92	36.27	Soil	10,440	-0.75
08/09/2021	14:48:32	78792.10	394736.77	36.27	Soil	9,360	-1.51
08/09/2021	14:48:33	78792.16	394736.87	36.16	Soil	8,760	-1.93
08/09/2021	14:48:34	78792.21	394736.02	36.19	Soil	8,700	-1.97
08/09/2021	14:48:35	78792.17	394735.79	36.04	Soil	8,340	-2.22
08/09/2021	14:48:37	78791.80	394736.44	36.01	Soil	9,300	-1.55
08/09/2021	14:48:37	78791.79	394736.84	35.94	Soil	7,680	-2.69
08/09/2021	14:48:38	78791.77	394736.29	35.82	Soil	8,220	-2.31
08/09/2021	14:48:39	78792.02	394735.73	35.78	Soil	9,480	-1.42
08/09/2021	14:48:40	78792.00	394735.54	35.82	Soil	8,400	-2.18
08/09/2021	14:48:41	78791.86	394735.87	35.81	Soil	8,340	-2.22
08/09/2021	14:48:42	78791.67	394736.49	35.77	Soil	9,900	-1.13
08/09/2021	14:48:43	78791.77	394736.30	35.64	Soil	8,940	-1.80
08/09/2021	14:48:44	78791.69	394735.68	35.64	Soil	10,320	-0.84
08/09/2021	14:48:45	78791.51	394735.63	35.58	Soil	9,180	-1.64
08/09/2021	14:48:46	78791.48	394736.17	35.48	Soil	9,720	-1.26
08/09/2021	14:48:47	78791.27	394736.41	35.48	Soil	7,980	-2.48
08/09/2021	14:48:48	78791.37	394736.08	35.55	Soil	8,940	-1.80
08/09/2021	14:48:49	78791.44	394736.12	35.55	Soil	10,260	-0.88
08/09/2021	14:48:50	78791.17	394736.66	35.49	Soil	11,040	-0.33
08/09/2021	14:48:51	78791.40	394736.91	35.44	Soil	10,140	-0.96
08/09/2021	14:48:52	78791.42	394736.22	35.62	Soil	10,680	-0.58
08/09/2021	14:48:53	78791.63	394736.20	35.73	Soil	8,160	-2.35
08/09/2021	14:48:54	78791.73	394736.90	35.80	Soil	10,500	-0.71
08/09/2021	14:48:55	78791.63	394736.69	35.68	Soil	9,660	-1.30
08/09/2021	14:48:56	78791.49	394736.14	35.71	Soil	9,480	-1.42
08/09/2021	14:48:57	78791.11	394736.51	35.55	Soil	9,840	-1.17
08/09/2021	14:48:58	78790.79	394736.63	35.26	Soil	9,360	-1.51
08/09/2021	14:48:59	78790.99	394736.23	35.19	Soil	9,660	-1.30
08/09/2021	14:49:00	78790.95	394735.59	35.29	Soil	10,200	-0.92
08/09/2021	14:49:01	78790.84	394736.00	35.19	Soil	8,460	-2.14
08/09/2021	14:49:02	78790.73	394736.60	35.06	Soil	9,060	-1.72
08/09/2021	14:49:03	78790.55	394736.09	34.97	Soil	7,800	-2.60
08/09/2021	14:49:04	78790.79	394735.44	34.90	Soil	9,240	-1.59
08/09/2021	14:49:05	78790.45	394735.85	34.81	Soil	8,520	-2.10
08/09/2021	14:49:06	78790.31	394736.43	34.66	Soil	8,940	-1.80
08/09/2021	14:49:07	78790.11	394736.10	34.66	Soil	8,640	-2.01
08/09/2021	14:49:08	78790.40	394735.52	34.57	Soil	6,960	-3.19
08/09/2021	14:49:09	78790.02	394735.82	34.53	Soil	8,340	-2.22
08/09/2021	14:49:10	78789.88	394736.25	34.40	Soil	9,720	-1.26
08/09/2021	14:49:11	78789.90	394735.60	34.40	Soil	9,300	-1.55
08/09/2021	14:49:12	78789.95	394735.01	34.42	Soil	7,740	-2.65
08/09/2021	14:49:13	78789.63	394735.60	34.30	Soil	8,640	-2.01
08/09/2021	14:49:14	78789.48	394735.64	34.34	Soil	6,900	-3.24
08/09/2021	14:49:15	78789.39	394735.75	34.34	Soil	7,440	-2.86
08/09/2021	14:49:16	78789.37	394735.06	34.33	Soil	8,820	-1.89
08/09/2021	14:49:17	78789.31	394734.88	34.24	Soil	8,760	-1.93
08/09/2021	14:49:18	78789.32	394735.49	34.23	Soil	9,240	-1.59

SU 7D GWS RESULTS
(SOIL)

08/09/2021	14:49:19	78789.26	394735.13	34.22	Soil	7,860	-2.56
08/09/2021	14:49:20	78789.31	394734.73	34.21	Soil	7,140	-3.07
08/09/2021	14:49:21	78789.25	394735.03	34.19	Soil	7,020	-3.15
08/09/2021	14:49:22	78789.25	394735.26	34.18	Soil	7,320	-2.94
08/09/2021	14:49:23	78789.17	394734.88	34.19	Soil	9,000	-1.76
08/09/2021	14:49:24	78789.21	394735.03	34.11	Soil	7,200	-3.02
08/09/2021	14:49:25	78789.11	394735.17	34.21	Soil	7,920	-2.52
08/09/2021	14:49:30	78789.16	394735.25	33.93	Soil	7,620	-2.73
08/09/2021	14:49:33	78788.91	394735.07	33.95	Soil	9,120	-1.68
08/09/2021	14:49:34	78788.92	394735.02	34.09	Soil	6,720	-3.36
08/09/2021	14:49:37	78789.20	394734.71	34.05	Soil	7,680	-2.69
08/09/2021	14:49:38	78789.23	394734.79	34.01	Soil	7,380	-2.90
08/09/2021	14:49:44	78788.90	394735.49	34.49	Soil	8,040	-2.44
08/09/2021	14:49:47	78789.22	394735.55	34.39	Soil	7,140	-3.07
08/09/2021	14:49:48	78789.78	394735.90	34.60	Soil	8,640	-2.01
08/09/2021	14:49:49	78789.82	394735.57	34.59	Soil	7,620	-2.73
08/09/2021	14:49:50	78789.73	394735.12	34.64	Soil	7,260	-2.98
08/09/2021	14:49:51	78790.06	394735.42	34.68	Soil	8,160	-2.35
08/09/2021	14:49:52	78790.27	394735.61	34.89	Soil	7,980	-2.48
08/09/2021	14:49:53	78790.09	394735.48	34.96	Soil	7,080	-3.11
08/09/2021	14:49:54	78790.31	394735.53	35.11	Soil	8,940	-1.80
08/09/2021	14:49:55	78790.67	394735.94	35.17	Soil	8,760	-1.93
08/09/2021	14:49:56	78790.70	394735.95	35.19	Soil	9,720	-1.26
08/09/2021	14:49:57	78790.48	394735.43	35.20	Soil	7,800	-2.60
08/09/2021	14:49:58	78790.58	394735.48	35.16	Soil	7,680	-2.69
08/09/2021	14:49:59	78790.87	394735.91	35.21	Soil	9,720	-1.26
08/09/2021	14:50:00	78790.82	394735.77	35.21	Soil	9,540	-1.38
08/09/2021	14:50:01	78790.40	394735.31	35.28	Soil	8,400	-2.18
08/09/2021	14:50:02	78790.33	394735.46	35.32	Soil	7,440	-2.86
08/09/2021	14:50:03	78790.39	394735.69	35.66	Soil	8,700	-1.97
08/09/2021	14:50:04	78789.89	394735.44	35.99	Soil	7,560	-2.77
08/09/2021	14:50:05	78789.46	394734.96	36.40	Soil	8,100	-2.39
08/09/2021	14:50:06	78789.78	394735.00	36.64	Soil	8,280	-2.27
08/09/2021	14:50:07	78789.89	394735.50	37.00	Soil	9,960	-1.09
08/09/2021	14:50:08	78789.50	394735.14	37.19	Soil	8,340	-2.22
08/09/2021	14:50:09	78789.30	394734.76	37.51	Soil	8,820	-1.89
08/09/2021	14:50:10	78789.43	394735.04	37.49	Soil	9,600	-1.34
08/09/2021	14:50:11	78789.37	394735.40	37.54	Soil	8,400	-2.18
08/09/2021	14:50:14	78788.95	394736.86	37.41	Soil	9,180	-1.64
08/09/2021	14:50:15	78788.82	394736.96	37.42	Soil	7,680	-2.69
08/10/2021	13:27:28	78795.92	394737.82	38.39	Soil	8,940	-1.80
08/10/2021	13:27:29	78795.85	394737.78	38.37	Soil	11,040	-0.33
08/10/2021	13:27:30	78795.33	394738.00	38.20	Soil	10,320	-0.84
08/10/2021	13:27:31	78795.33	394738.11	38.10	Soil	9,600	-1.34
08/10/2021	13:27:34	78795.21	394737.84	38.04	Soil	8,520	-2.10
08/10/2021	13:27:37	78795.42	394737.95	38.03	Soil	9,900	-1.13
08/10/2021	13:27:38	78795.33	394737.89	38.14	Soil	8,520	-2.10
08/10/2021	13:27:40	78795.30	394737.89	38.13	Soil	9,900	-1.13
08/10/2021	13:27:41	78795.25	394737.86	38.10	Soil	9,120	-1.68
08/10/2021	13:27:44	78795.26	394737.79	37.99	Soil	9,840	-1.17
08/10/2021	13:27:45	78795.21	394737.58	38.18	Soil	8,820	-1.89

SU 7D GWS RESULTS
(SOIL)

08/10/2021	13:27:46	78795.48	394737.59	38.21	Soil	9,840	-1.17
08/10/2021	13:27:47	78795.31	394737.48	38.10	Soil	9,900	-1.13
08/10/2021	13:27:48	78795.22	394737.34	38.00	Soil	10,860	-0.46
08/10/2021	13:27:49	78795.48	394737.24	38.17	Soil	9,600	-1.34
08/10/2021	13:27:50	78795.48	394737.24	38.05	Soil	10,020	-1.05
08/10/2021	13:27:51	78795.18	394737.28	37.69	Soil	10,980	-0.37
08/10/2021	13:27:52	78795.16	394737.24	37.89	Soil	9,780	-1.21
08/10/2021	13:27:53	78795.42	394737.16	38.07	Soil	9,720	-1.26
08/10/2021	13:27:54	78795.90	394737.04	38.12	Soil	10,560	-0.67
08/10/2021	13:27:55	78795.86	394736.96	37.93	Soil	10,500	-0.71
08/10/2021	13:27:56	78795.48	394737.06	37.71	Soil	10,320	-0.84
08/10/2021	13:27:57	78795.22	394737.15	37.69	Soil	8,700	-1.97
08/10/2021	13:27:58	78795.25	394736.98	37.89	Soil	9,960	-1.09
08/10/2021	13:27:59	78795.46	394736.90	38.01	Soil	9,360	-1.51
08/10/2021	13:28:00	78795.24	394737.02	37.86	Soil	9,360	-1.51
08/10/2021	13:28:01	78794.83	394737.11	37.65	Soil	9,240	-1.59
08/10/2021	13:28:02	78794.79	394737.22	37.62	Soil	8,100	-2.39
08/10/2021	13:28:03	78795.08	394737.31	37.75	Soil	7,980	-2.48
08/10/2021	13:28:04	78795.13	394737.23	37.78	Soil	8,400	-2.18
08/10/2021	13:28:05	78795.07	394737.29	37.82	Soil	9,960	-1.09
08/10/2021	13:28:06	78795.13	394737.38	37.83	Soil	9,720	-1.26
08/10/2021	13:28:07	78795.19	394737.21	37.83	Soil	9,720	-1.26
08/10/2021	13:28:08	78795.02	394737.17	37.82	Soil	10,020	-1.05
08/10/2021	13:28:09	78794.75	394737.39	37.78	Soil	10,800	-0.50
08/10/2021	13:28:10	78794.66	394737.47	37.71	Soil	10,740	-0.54
08/10/2021	13:28:11	78794.66	394737.40	37.61	Soil	9,240	-1.59
08/10/2021	13:28:12	78794.59	394737.34	37.55	Soil	9,720	-1.26
08/10/2021	13:28:13	78794.36	394737.33	37.51	Soil	8,220	-2.31
08/10/2021	13:28:14	78794.45	394737.24	37.59	Soil	10,200	-0.92
08/10/2021	13:28:15	78794.66	394737.15	37.63	Soil	8,820	-1.89
08/10/2021	13:28:16	78794.31	394737.43	37.50	Soil	10,200	-0.92
08/10/2021	13:28:17	78793.92	394737.58	37.26	Soil	11,160	-0.25
08/10/2021	13:28:18	78793.97	394737.35	37.41	Soil	9,180	-1.64
08/10/2021	13:28:19	78794.17	394737.38	37.49	Soil	8,940	-1.80
08/10/2021	13:28:20	78793.93	394737.86	37.26	Soil	8,220	-2.31
08/10/2021	13:28:21	78793.61	394737.82	37.07	Soil	10,620	-0.62
08/10/2021	13:28:22	78793.49	394737.48	37.09	Soil	10,440	-0.75
08/10/2021	13:28:23	78793.42	394737.45	37.18	Soil	9,900	-1.13
08/10/2021	13:28:24	78793.15	394737.85	37.12	Soil	9,360	-1.51
08/10/2021	13:28:25	78792.84	394737.96	36.93	Soil	10,080	-1.00
08/10/2021	13:28:26	78792.69	394737.63	36.68	Soil	10,200	-0.92
08/10/2021	13:28:27	78792.76	394737.68	36.68	Soil	8,760	-1.93
08/10/2021	13:28:28	78792.70	394738.11	36.59	Soil	9,180	-1.64
08/10/2021	13:28:29	78792.50	394738.09	36.56	Soil	9,720	-1.26
08/10/2021	13:28:30	78792.37	394737.66	36.60	Soil	8,820	-1.89
08/10/2021	13:28:31	78792.20	394737.83	36.49	Soil	9,840	-1.17
08/11/2021	9:33:16	78778.10	394727.79	36.71	Soil	11,940	0.30
08/11/2021	9:33:17	78778.06	394727.85	36.80	Soil	11,340	-0.12
08/11/2021	9:33:18	78777.98	394727.99	36.78	Soil	10,140	-0.96
08/11/2021	9:33:19	78777.97	394727.88	36.79	Soil	10,680	-0.58
08/11/2021	9:33:20	78777.98	394727.70	36.88	Soil	12,360	0.60

SU 7D GWS RESULTS
(SOIL)

08/11/2021	9:33:21	78777.93	394727.72	36.83	Soil	11,520	0.01
08/11/2021	9:33:22	78777.87	394727.86	36.87	Soil	12,000	0.34
08/11/2021	9:33:23	78777.80	394727.99	36.94	Soil	10,620	-0.62
08/11/2021	9:33:24	78777.76	394728.03	36.99	Soil	11,520	0.01
08/11/2021	9:33:25	78777.74	394728.03	37.02	Soil	12,960	1.02
08/11/2021	9:33:26	78777.72	394728.04	37.04	Soil	13,440	1.35
08/11/2021	9:33:27	78777.71	394728.05	37.06	Soil	12,840	0.93
08/11/2021	9:33:28	78777.74	394728.08	37.17	Soil	13,200	1.19
08/11/2021	9:33:29	78777.77	394728.27	37.17	Soil	12,600	0.76
08/11/2021	9:33:30	78777.67	394728.27	37.48	Soil	10,080	-1.00
08/11/2021	9:33:31	78777.60	394728.16	37.51	Soil	11,760	0.18
08/11/2021	9:33:32	78777.64	394728.24	37.57	Soil	11,280	-0.16
08/11/2021	9:33:33	78777.64	394728.28	37.61	Soil	11,760	0.18
08/11/2021	9:33:34	78777.59	394728.36	37.63	Soil	13,260	1.23
08/11/2021	9:33:35	78777.56	394728.40	37.55	Soil	10,260	-0.88
08/11/2021	9:33:36	78777.57	394728.45	37.51	Soil	11,220	-0.20
08/11/2021	9:33:37	78777.58	394728.48	37.37	Soil	11,760	0.18
08/11/2021	9:33:38	78777.66	394728.30	37.31	Soil	12,780	0.89
08/11/2021	9:33:39	78777.62	394728.06	37.37	Soil	12,240	0.51
08/11/2021	9:33:40	78777.64	394728.13	37.33	Soil	10,740	-0.54
08/11/2021	9:33:41	78777.70	394728.31	37.21	Soil	11,580	0.05
08/11/2021	9:33:42	78777.66	394728.07	37.25	Soil	10,920	-0.41
08/11/2021	9:33:43	78777.63	394727.96	37.26	Soil	12,960	1.02
08/11/2021	9:33:44	78777.62	394728.08	37.33	Soil	11,400	-0.08
08/11/2021	9:33:45	78777.69	394728.21	37.36	Soil	9,960	-1.09
08/11/2021	9:33:46	78777.77	394728.05	37.40	Soil	11,340	-0.12
08/11/2021	9:33:47	78777.74	394728.06	37.38	Soil	12,360	0.60
08/11/2021	9:33:48	78777.67	394728.19	37.34	Soil	12,780	0.89
08/11/2021	9:33:49	78777.71	394728.02	37.33	Soil	11,220	-0.20
08/11/2021	9:33:50	78777.65	394727.90	37.37	Soil	12,240	0.51
08/11/2021	9:33:51	78777.69	394727.99	37.43	Soil	12,000	0.34
08/11/2021	9:33:52	78777.72	394728.02	37.43	Soil	12,420	0.64
08/11/2021	9:33:53	78777.72	394728.00	37.42	Soil	10,500	-0.71
08/11/2021	9:36:07	78783.28	394726.12	35.69	Soil	10,680	-0.58
08/11/2021	9:36:08	78783.24	394726.15	35.64	Soil	12,660	0.81
08/11/2021	9:36:09	78783.23	394726.18	35.59	Soil	12,840	0.93
08/11/2021	9:36:10	78783.19	394726.16	35.45	Soil	11,460	-0.04
08/11/2021	9:36:11	78783.17	394726.14	35.43	Soil	11,460	-0.04
08/11/2021	9:36:12	78783.19	394726.12	35.36	Soil	12,180	0.47
08/11/2021	9:36:13	78783.22	394726.08	35.32	Soil	12,300	0.55
08/11/2021	9:36:14	78783.23	394726.06	35.26	Soil	11,220	-0.20
08/11/2021	9:36:15	78783.26	394725.99	35.13	Soil	13,740	1.56
08/11/2021	9:36:25	78783.27	394725.90	36.11	Soil	12,240	0.51
08/11/2021	9:36:26	78783.17	394725.75	36.12	Soil	11,460	-0.04
08/11/2021	9:36:27	78783.18	394725.75	36.17	Soil	13,200	1.19
08/11/2021	9:36:28	78783.09	394725.72	36.22	Soil	11,820	0.22
08/11/2021	9:36:29	78783.00	394725.78	36.11	Soil	10,500	-0.71
08/11/2021	9:36:30	78783.00	394725.78	36.10	Soil	10,080	-1.00
08/11/2021	9:36:31	78783.00	394725.72	36.17	Soil	11,340	-0.12
08/11/2021	9:36:32	78782.96	394725.64	36.18	Soil	10,860	-0.46
08/11/2021	9:36:33	78782.94	394725.58	36.17	Soil	12,420	0.64

SU 7D GWS RESULTS
(SOIL)

08/11/2021	9:36:34	78782.90	394725.54	36.21	Soil	11,040	-0.33
08/11/2021	9:36:35	78782.79	394725.40	36.11	Soil	11,100	-0.29
08/11/2021	9:36:36	78782.63	394725.31	35.99	Soil	10,620	-0.62
08/11/2021	9:36:37	78782.55	394725.38	35.97	Soil	10,860	-0.46
08/11/2021	9:36:38	78782.57	394725.52	35.99	Soil	13,260	1.23
08/11/2021	9:36:39	78782.50	394725.51	35.94	Soil	10,740	-0.54
08/11/2021	9:36:40	78782.43	394725.54	35.97	Soil	11,280	-0.16
08/11/2021	9:36:41	78782.49	394725.62	35.94	Soil	11,640	0.09
08/11/2021	9:36:42	78782.53	394725.69	35.97	Soil	12,720	0.85
08/11/2021	9:36:43	78782.48	394725.76	35.96	Soil	10,680	-0.58
08/11/2021	9:36:44	78782.44	394725.78	35.98	Soil	10,200	-0.92
08/11/2021	9:36:45	78782.36	394725.79	35.84	Soil	11,040	-0.33
08/11/2021	9:36:46	78782.28	394725.79	35.71	Soil	11,640	0.09
08/11/2021	9:36:47	78782.26	394725.81	35.74	Soil	13,200	1.19
08/11/2021	9:36:48	78782.28	394725.82	35.81	Soil	11,280	-0.16
08/11/2021	9:36:49	78782.44	394725.74	36.08	Soil	12,660	0.81
08/11/2021	9:36:50	78782.57	394725.67	36.14	Soil	10,440	-0.75
08/11/2021	9:36:51	78782.57	394725.65	36.14	Soil	11,760	0.18
08/11/2021	9:36:52	78782.61	394725.65	36.20	Soil	11,520	0.01
08/11/2021	9:36:53	78782.63	394725.67	36.14	Soil	11,280	-0.16
08/11/2021	9:36:54	78782.66	394725.70	36.15	Soil	12,480	0.68
08/11/2021	9:36:55	78782.70	394725.73	36.15	Soil	10,020	-1.05
08/11/2021	9:36:56	78782.73	394725.73	36.14	Soil	10,620	-0.62
08/11/2021	9:36:57	78782.74	394725.74	36.16	Soil	10,020	-1.05
08/11/2021	9:36:58	78782.74	394725.75	36.17	Soil	11,400	-0.08
08/11/2021	9:36:59	78782.70	394725.78	36.15	Soil	11,820	0.22
08/11/2021	9:37:00	78782.61	394725.84	36.04	Soil	11,940	0.30
08/11/2021	9:37:01	78782.56	394725.85	36.06	Soil	10,980	-0.37
08/11/2021	9:37:02	78782.53	394725.84	36.08	Soil	13,020	1.06
08/11/2021	9:37:03	78782.50	394725.83	36.10	Soil	10,320	-0.84
08/11/2021	9:37:04	78782.46	394725.83	36.03	Soil	10,800	-0.50
08/11/2021	9:37:05	78782.43	394725.85	36.02	Soil	12,420	0.64
08/11/2021	9:37:06	78782.53	394725.81	36.29	Soil	11,220	-0.20
08/11/2021	9:37:07	78782.77	394725.74	36.52	Soil	11,400	-0.08
08/11/2021	9:37:08	78783.19	394725.67	36.37	Soil	11,220	-0.20
08/11/2021	9:37:12	78783.81	394725.68	36.32	Soil	11,400	-0.08
08/11/2021	9:37:13	78783.86	394725.63	36.17	Soil	12,180	0.47
08/11/2021	9:37:14	78783.94	394725.76	36.00	Soil	11,640	0.09
08/11/2021	9:37:15	78783.92	394725.85	35.89	Soil	11,580	0.05
08/11/2021	9:37:16	78783.88	394725.97	35.82	Soil	10,440	-0.75
08/11/2021	9:37:17	78783.87	394726.10	35.78	Soil	13,980	1.73
08/11/2021	9:42:17	78782.33	394727.86	35.23	Soil	11,340	-0.12
08/11/2021	9:42:18	78782.33	394727.88	35.29	Soil	11,040	-0.33
08/11/2021	9:42:19	78782.40	394727.91	35.29	Soil	10,440	-0.75
08/11/2021	9:42:20	78782.40	394727.93	35.26	Soil	11,520	0.01
08/11/2021	9:42:21	78782.38	394728.03	35.37	Soil	11,160	-0.25
08/11/2021	9:42:22	78782.31	394728.15	35.35	Soil	12,840	0.93
08/11/2021	9:42:23	78782.41	394728.08	35.44	Soil	10,380	-0.79
08/11/2021	9:42:24	78782.68	394727.88	35.48	Soil	9,960	-1.09
08/11/2021	9:42:25	78782.55	394727.82	35.42	Soil	11,100	-0.29
08/11/2021	9:42:26	78782.42	394727.85	35.35	Soil	10,620	-0.62

SU 7D GWS RESULTS
(SOIL)

08/11/2021	9:42:27	78782.66	394727.90	35.27	Soil	11,340	-0.12
08/11/2021	9:42:28	78782.69	394727.77	35.26	Soil	11,580	0.05
08/11/2021	9:42:29	78782.65	394727.77	35.25	Soil	10,560	-0.67
08/11/2021	9:42:30	78782.66	394727.80	35.28	Soil	11,460	-0.04
08/11/2021	9:42:31	78782.63	394727.83	35.28	Soil	11,820	0.22
08/11/2021	9:42:32	78782.59	394727.86	35.29	Soil	10,680	-0.58
08/11/2021	9:42:33	78782.51	394727.92	35.26	Soil	11,160	-0.25
08/11/2021	9:42:34	78782.49	394727.87	35.29	Soil	11,160	-0.25
08/11/2021	9:42:35	78782.61	394727.84	35.30	Soil	9,540	-1.38
08/11/2021	9:42:36	78782.47	394727.76	35.43	Soil	12,960	1.02
08/11/2021	9:42:37	78782.21	394727.73	35.52	Soil	10,440	-0.75
08/11/2021	9:42:38	78782.20	394727.85	35.46	Soil	10,500	-0.71
08/11/2021	9:42:39	78782.27	394727.69	35.59	Soil	9,600	-1.34
08/11/2021	9:42:40	78782.24	394727.73	35.69	Soil	11,040	-0.33
08/11/2021	9:42:41	78782.05	394728.42	35.67	Soil	9,420	-1.47
08/11/2021	9:42:42	78781.90	394728.75	35.52	Soil	10,140	-0.96
08/11/2021	9:42:43	78781.94	394728.80	35.50	Soil	12,660	0.81
08/11/2021	9:42:46	78782.06	394728.73	35.18	Soil	12,480	0.68
08/11/2021	9:42:47	78781.98	394728.70	35.21	Soil	11,400	-0.08
08/11/2021	9:42:48	78781.84	394728.86	35.21	Soil	11,100	-0.29
08/11/2021	9:42:49	78781.86	394728.81	35.27	Soil	10,980	-0.37
08/11/2021	9:42:50	78781.86	394728.84	35.32	Soil	9,360	-1.51
08/11/2021	9:42:51	78781.74	394728.90	35.50	Soil	10,920	-0.41
08/11/2021	9:42:52	78781.71	394728.77	35.59	Soil	11,340	-0.12
08/11/2021	9:42:53	78781.73	394728.64	35.72	Soil	11,460	-0.04
08/11/2021	9:42:54	78781.67	394728.54	35.74	Soil	13,440	1.35
08/11/2021	9:42:55	78781.69	394728.61	35.66	Soil	11,400	-0.08
08/11/2021	9:42:56	78781.63	394728.82	35.68	Soil	10,680	-0.58
08/11/2021	9:42:57	78781.44	394729.08	35.80	Soil	10,620	-0.62
08/11/2021	9:42:58	78781.47	394728.97	35.90	Soil	9,720	-1.26
08/11/2021	9:42:59	78781.43	394728.70	35.89	Soil	10,440	-0.75
08/11/2021	9:43:00	78781.26	394728.66	36.05	Soil	12,900	0.98
08/11/2021	9:43:01	78781.23	394728.52	36.20	Soil	9,900	-1.13
08/11/2021	9:43:02	78781.41	394728.58	36.21	Soil	11,460	-0.04
08/11/2021	9:43:03	78781.46	394728.52	36.27	Soil	9,720	-1.26
08/11/2021	9:43:04	78781.24	394728.42	36.33	Soil	9,900	-1.13
08/11/2021	9:43:05	78781.13	394728.47	36.33	Soil	9,960	-1.09
08/11/2021	9:43:06	78781.14	394728.69	36.25	Soil	10,140	-0.96
08/11/2021	9:43:07	78781.08	394728.69	36.29	Soil	10,440	-0.75
08/11/2021	9:43:08	78781.02	394728.82	36.27	Soil	10,500	-0.71
08/11/2021	9:43:09	78780.92	394729.07	36.04	Soil	10,620	-0.62
08/11/2021	9:43:10	78781.01	394729.04	36.06	Soil	12,360	0.60
08/11/2021	9:43:11	78781.08	394728.82	36.15	Soil	12,120	0.43
08/11/2021	9:43:12	78780.95	394728.87	36.15	Soil	11,280	-0.16
08/11/2021	9:43:13	78780.84	394728.84	36.29	Soil	10,260	-0.88
08/11/2021	9:43:14	78780.96	394728.63	36.48	Soil	9,780	-1.21
08/11/2021	9:43:15	78781.04	394728.58	36.55	Soil	9,120	-1.68
08/11/2021	9:44:13	78780.71	394728.73	36.51	Soil	10,680	-0.58
08/11/2021	9:44:14	78780.72	394728.77	36.51	Soil	9,060	-1.72
08/11/2021	9:44:15	78780.70	394728.83	36.52	Soil	9,960	-1.09
08/11/2021	9:44:16	78780.72	394728.96	36.51	Soil	10,920	-0.41

SU 7D GWS RESULTS
(SOIL)

08/11/2021	9:44:17	78780.62	394729.23	36.54	Soil	9,240	-1.59
08/11/2021	9:44:18	78780.61	394728.93	36.63	Soil	9,960	-1.09
08/11/2021	9:44:19	78780.65	394728.53	36.68	Soil	10,680	-0.58
08/11/2021	9:44:20	78780.60	394728.69	36.63	Soil	10,140	-0.96
08/11/2021	9:44:21	78780.53	394728.98	36.58	Soil	11,460	-0.04
08/11/2021	9:44:22	78780.70	394728.93	36.54	Soil	9,660	-1.30
08/11/2021	9:44:23	78780.77	394728.56	36.59	Soil	10,800	-0.50
08/11/2021	9:44:24	78780.53	394728.55	36.66	Soil	9,540	-1.38
08/11/2021	9:44:25	78780.30	394728.66	36.64	Soil	9,480	-1.42
08/11/2021	9:44:26	78780.29	394728.96	36.53	Soil	9,720	-1.26
08/11/2021	9:44:27	78780.59	394728.79	36.49	Soil	11,100	-0.29
08/11/2021	9:44:28	78780.64	394728.21	36.62	Soil	10,200	-0.92
08/11/2021	9:44:29	78780.38	394728.54	36.52	Soil	11,040	-0.33
08/11/2021	9:44:30	78780.16	394728.92	36.56	Soil	11,220	-0.20
08/11/2021	9:44:31	78780.45	394728.65	36.57	Soil	11,100	-0.29
08/11/2021	9:44:32	78780.63	394728.25	36.62	Soil	11,820	0.22
08/11/2021	9:44:33	78780.59	394728.30	36.56	Soil	10,200	-0.92
08/11/2021	9:44:34	78780.54	394728.50	36.71	Soil	10,800	-0.50
08/11/2021	9:44:35	78780.27	394728.72	36.64	Soil	10,980	-0.37
08/11/2021	9:44:36	78780.15	394728.74	36.72	Soil	9,240	-1.59
08/11/2021	9:44:37	78780.27	394728.50	36.79	Soil	9,960	-1.09
08/11/2021	9:44:38	78780.28	394728.17	36.74	Soil	9,480	-1.42
08/11/2021	9:44:39	78780.26	394728.55	36.73	Soil	11,160	-0.25
08/11/2021	9:44:40	78779.94	394728.75	36.81	Soil	10,620	-0.62
08/11/2021	9:44:41	78780.08	394728.99	36.87	Soil	10,440	-0.75
08/11/2021	9:44:42	78780.02	394728.76	36.90	Soil	10,260	-0.88
08/11/2021	9:44:43	78780.24	394728.20	36.82	Soil	10,740	-0.54
08/11/2021	9:44:44	78780.06	394728.36	36.73	Soil	10,320	-0.84
08/11/2021	9:44:45	78779.92	394728.69	36.85	Soil	11,880	0.26
08/11/2021	9:44:46	78779.81	394728.68	36.76	Soil	11,160	-0.25
08/11/2021	9:44:47	78780.15	394728.45	36.72	Soil	10,500	-0.71
08/11/2021	9:44:48	78780.24	394728.40	36.71	Soil	11,520	0.01
08/11/2021	9:44:49	78780.08	394728.70	36.78	Soil	11,640	0.09
08/11/2021	9:44:50	78780.13	394728.42	36.74	Soil	10,080	-1.00
08/11/2021	9:44:51	78780.10	394728.07	36.61	Soil	11,280	-0.16
08/11/2021	9:44:52	78780.11	394728.35	36.63	Soil	9,960	-1.09
08/11/2021	9:44:53	78779.96	394728.55	36.66	Soil	10,500	-0.71
08/11/2021	9:44:54	78779.85	394728.64	36.73	Soil	11,340	-0.12
08/11/2021	9:44:55	78779.82	394728.73	36.65	Soil	10,440	-0.75
08/11/2021	9:44:56	78780.12	394728.44	36.73	Soil	10,680	-0.58
08/11/2021	9:44:57	78780.20	394728.04	36.62	Soil	12,300	0.55
08/11/2021	9:44:58	78780.14	394728.26	36.66	Soil	10,140	-0.96
08/11/2021	9:44:59	78780.00	394728.50	36.76	Soil	10,320	-0.84
08/11/2021	9:45:00	78780.05	394728.43	36.84	Soil	11,100	-0.29
08/11/2021	9:45:01	78780.28	394728.16	36.80	Soil	11,820	0.22
08/11/2021	9:45:02	78780.29	394727.91	36.80	Soil	10,560	-0.67
08/11/2021	9:45:03	78780.02	394728.25	36.88	Soil	10,920	-0.41
08/11/2021	9:45:04	78779.84	394728.55	36.93	Soil	11,040	-0.33
08/11/2021	9:45:05	78780.02	394728.09	36.88	Soil	10,800	-0.50
08/11/2021	9:45:06	78780.36	394727.67	36.80	Soil	10,380	-0.79
08/11/2021	9:45:07	78780.32	394727.88	36.84	Soil	11,640	0.09

SU 7D GWS RESULTS
(SOIL)

08/11/2021	9:45:08	78780.03	394728.17	36.87	Soil	10,980	-0.37
08/11/2021	9:45:09	78779.95	394728.14	36.85	Soil	10,980	-0.37
08/11/2021	9:45:10	78780.25	394727.72	36.87	Soil	11,520	0.01
08/11/2021	9:45:11	78780.26	394727.70	36.87	Soil	11,280	-0.16
08/11/2021	9:45:12	78779.93	394728.23	36.83	Soil	11,040	-0.33
08/11/2021	9:45:13	78780.00	394728.07	36.90	Soil	9,480	-1.42
08/11/2021	9:45:14	78780.14	394727.72	36.85	Soil	9,960	-1.09
08/11/2021	9:45:15	78780.04	394727.92	36.85	Soil	9,480	-1.42
08/11/2021	9:45:16	78779.91	394728.17	36.84	Soil	10,500	-0.71
08/11/2021	9:45:17	78780.00	394727.87	36.90	Soil	11,760	0.18
08/11/2021	9:45:18	78780.08	394727.62	36.92	Soil	10,800	-0.50
08/11/2021	9:45:19	78779.87	394727.95	36.92	Soil	12,360	0.60
08/11/2021	9:45:20	78779.86	394728.33	36.91	Soil	9,600	-1.34
08/11/2021	9:45:21	78780.27	394728.42	36.87	Soil	11,940	0.30
08/11/2021	9:45:22	78780.26	394728.48	36.85	Soil	9,420	-1.47
08/11/2021	9:45:23	78779.76	394728.59	36.94	Soil	11,340	-0.12
08/11/2021	9:45:24	78779.84	394728.29	37.01	Soil	10,440	-0.75
08/11/2021	9:45:25	78780.04	394727.77	36.92	Soil	10,080	-1.00
08/11/2021	9:45:26	78779.91	394727.75	36.88	Soil	9,360	-1.51
08/11/2021	9:45:27	78779.59	394728.08	37.01	Soil	11,820	0.22
08/11/2021	9:45:28	78779.69	394727.87	36.98	Soil	10,860	-0.46
08/11/2021	9:45:29	78779.98	394727.52	36.91	Soil	11,400	-0.08
08/11/2021	9:45:30	78779.90	394727.83	36.97	Soil	10,020	-1.05
08/11/2021	9:45:31	78779.68	394728.17	37.00	Soil	10,320	-0.84
08/11/2021	9:45:32	78779.93	394727.83	36.96	Soil	10,500	-0.71
08/11/2021	9:45:33	78780.02	394727.36	37.01	Soil	10,920	-0.41
08/11/2021	9:45:34	78779.69	394727.64	36.95	Soil	10,800	-0.50
08/11/2021	9:45:35	78779.40	394728.01	37.04	Soil	11,520	0.01
08/11/2021	9:45:36	78779.67	394727.78	37.04	Soil	10,440	-0.75
08/11/2021	9:45:37	78779.87	394727.52	37.01	Soil	10,560	-0.67
08/11/2021	9:45:38	78779.77	394727.70	36.99	Soil	10,080	-1.00
08/11/2021	9:45:39	78779.52	394727.93	37.12	Soil	10,980	-0.37
08/11/2021	9:45:40	78779.51	394727.97	37.06	Soil	11,460	-0.04
08/11/2021	9:45:41	78779.65	394727.95	37.04	Soil	10,200	-0.92
08/11/2021	9:45:42	78779.63	394728.22	37.10	Soil	10,560	-0.67
08/11/2021	9:45:43	78779.62	394728.33	37.12	Soil	11,220	-0.20
08/11/2021	9:45:44	78779.50	394728.31	37.21	Soil	10,020	-1.05
08/11/2021	9:45:45	78779.65	394728.01	37.19	Soil	9,660	-1.30
08/11/2021	9:45:46	78779.77	394727.80	37.06	Soil	11,640	0.09
08/11/2021	9:45:47	78779.62	394728.04	37.16	Soil	10,620	-0.62
08/11/2021	9:45:48	78779.53	394728.09	37.17	Soil	12,000	0.34
08/11/2021	9:45:49	78779.67	394727.79	37.17	Soil	10,320	-0.84
08/11/2021	9:45:50	78779.71	394727.79	37.14	Soil	10,980	-0.37
08/11/2021	9:45:51	78779.53	394728.25	37.20	Soil	9,720	-1.26
08/11/2021	9:45:52	78779.51	394728.30	37.18	Soil	10,560	-0.67
08/11/2021	9:45:53	78779.53	394727.91	37.15	Soil	10,020	-1.05
08/11/2021	9:45:54	78779.36	394728.06	37.19	Soil	11,040	-0.33
08/11/2021	9:45:55	78779.09	394728.69	37.31	Soil	9,780	-1.21
08/11/2021	9:45:56	78778.96	394728.80	37.34	Soil	10,380	-0.79
08/11/2021	9:45:57	78779.11	394728.44	37.34	Soil	10,920	-0.41
08/11/2021	9:45:58	78779.20	394728.09	37.28	Soil	12,120	0.43

SU 7D GWS RESULTS
(SOIL)

08/11/2021	9:45:59	78779.11	394728.35	37.34	Soil	10,440	-0.75
08/11/2021	9:46:00	78778.95	394728.68	37.32	Soil	10,860	-0.46
08/11/2021	9:46:01	78779.03	394728.41	37.30	Soil	10,320	-0.84
08/11/2021	9:46:02	78779.14	394728.16	37.29	Soil	10,080	-1.00
08/11/2021	9:46:03	78779.01	394728.47	37.34	Soil	10,500	-0.71
08/11/2021	9:46:04	78778.86	394728.84	37.36	Soil	9,060	-1.72
08/11/2021	9:46:05	78779.10	394728.46	37.33	Soil	10,380	-0.79
08/11/2021	9:46:06	78779.35	394727.93	37.26	Soil	11,040	-0.33
08/11/2021	9:46:07	78779.25	394728.12	37.28	Soil	9,180	-1.64
08/11/2021	9:46:08	78779.14	394728.49	37.33	Soil	11,280	-0.16
08/11/2021	9:46:09	78779.14	394728.32	37.28	Soil	9,300	-1.55
08/11/2021	9:46:10	78779.21	394727.83	37.28	Soil	11,340	-0.12
08/11/2021	9:46:11	78779.23	394727.92	37.25	Soil	10,380	-0.79
08/11/2021	9:46:12	78779.18	394728.36	37.25	Soil	11,160	-0.25
08/11/2021	9:46:13	78779.10	394728.25	37.23	Soil	10,980	-0.37
08/11/2021	9:46:14	78779.16	394728.04	37.21	Soil	10,320	-0.84
08/11/2021	9:46:15	78779.04	394728.13	37.25	Soil	9,420	-1.47
08/11/2021	9:46:16	78779.10	394728.12	37.25	Soil	11,400	-0.08
08/11/2021	9:46:17	78779.31	394727.86	37.14	Soil	10,920	-0.41
08/11/2021	9:46:18	78779.19	394727.99	37.11	Soil	11,280	-0.16
08/11/2021	9:46:19	78779.08	394728.25	37.19	Soil	10,800	-0.50
08/11/2021	9:46:20	78779.07	394728.05	37.19	Soil	10,620	-0.62
08/11/2021	9:46:21	78779.26	394727.60	37.22	Soil	10,440	-0.75
08/11/2021	9:46:22	78779.15	394727.82	37.21	Soil	10,800	-0.50
08/11/2021	9:46:23	78778.93	394728.41	37.27	Soil	12,540	0.72
08/11/2021	9:46:24	78778.95	394728.19	37.29	Soil	11,760	0.18
08/11/2021	9:46:25	78779.01	394727.60	37.25	Soil	9,540	-1.38
08/11/2021	9:46:26	78779.00	394727.91	37.31	Soil	10,140	-0.96
08/11/2021	9:46:27	78778.91	394728.29	37.34	Soil	10,860	-0.46
08/11/2021	9:46:28	78778.91	394728.05	37.31	Soil	9,960	-1.09
08/11/2021	9:46:29	78778.93	394727.69	37.34	Soil	12,120	0.43
08/11/2021	9:46:30	78778.74	394728.08	37.36	Soil	11,760	0.18
08/11/2021	9:46:31	78778.66	394728.49	37.38	Soil	11,220	-0.20
08/11/2021	9:46:32	78778.74	394728.22	37.36	Soil	11,520	0.01
08/11/2021	9:46:33	78778.84	394727.68	37.39	Soil	10,920	-0.41
08/11/2021	9:46:34	78778.84	394727.90	37.32	Soil	10,380	-0.79
08/11/2021	9:46:35	78778.74	394728.43	37.36	Soil	11,880	0.26
08/11/2021	9:46:36	78778.70	394728.20	37.31	Soil	9,900	-1.13
08/11/2021	9:46:37	78778.82	394727.79	37.34	Soil	11,220	-0.20
08/11/2021	9:46:38	78778.69	394727.86	37.32	Soil	9,780	-1.21
08/11/2021	9:46:39	78778.64	394728.35	37.37	Soil	11,220	-0.20
08/11/2021	9:46:40	78778.58	394728.31	37.41	Soil	12,240	0.51
08/11/2021	9:46:41	78778.56	394727.67	37.41	Soil	10,380	-0.79
08/11/2021	9:46:42	78778.58	394727.64	37.38	Soil	11,100	-0.29
08/11/2021	9:46:43	78778.45	394728.25	37.40	Soil	11,220	-0.20
08/11/2021	9:46:44	78778.39	394728.34	37.40	Soil	11,760	0.18
08/11/2021	9:46:45	78778.56	394727.75	37.40	Soil	11,100	-0.29
08/11/2021	9:46:46	78778.67	394727.74	37.42	Soil	11,520	0.01
08/11/2021	9:46:47	78778.45	394728.11	37.37	Soil	11,100	-0.29
08/11/2021	9:46:48	78778.39	394728.22	37.41	Soil	10,260	-0.88
08/11/2021	9:46:49	78778.52	394727.71	37.46	Soil	11,220	-0.20

SU 7D GWS RESULTS
(SOIL)

08/11/2021	9:46:50	78778.55	394727.67	37.40	Soil	10,320	-0.84
08/11/2021	9:46:51	78778.33	394728.18	37.33	Soil	10,860	-0.46
08/11/2021	9:46:52	78778.23	394728.18	37.25	Soil	11,340	-0.12
08/11/2021	9:46:53	78778.37	394727.75	37.25	Soil	10,440	-0.75
08/11/2021	9:46:54	78778.47	394727.55	37.28	Soil	11,820	0.22
08/11/2021	9:46:55	78778.32	394727.99	37.22	Soil	10,800	-0.50
08/11/2021	9:46:56	78778.22	394728.16	37.25	Soil	10,800	-0.50
08/11/2021	9:46:57	78778.33	394727.61	37.29	Soil	10,380	-0.79
08/11/2021	9:46:58	78778.38	394727.52	37.24	Soil	12,000	0.34
08/11/2021	9:46:59	78778.23	394728.01	37.19	Soil	13,440	1.35
08/11/2021	9:47:00	78778.15	394728.07	37.25	Soil	11,760	0.18
08/11/2021	9:47:01	78778.22	394727.46	37.30	Soil	11,700	0.13
08/11/2021	9:47:02	78778.23	394727.56	37.27	Soil	12,120	0.43
08/11/2021	9:47:03	78778.18	394727.99	37.23	Soil	11,760	0.18
08/11/2021	9:47:04	78778.19	394727.98	37.19	Soil	11,460	-0.04
08/11/2021	9:47:05	78778.25	394727.57	37.27	Soil	10,200	-0.92
08/11/2021	9:47:06	78778.17	394727.56	37.27	Soil	12,480	0.68
08/11/2021	9:47:07	78777.95	394727.88	37.29	Soil	11,160	-0.25
08/11/2021	9:47:08	78778.01	394727.76	37.28	Soil	11,280	-0.16
08/11/2021	9:47:09	78778.16	394727.44	37.32	Soil	11,340	-0.12
08/11/2021	9:47:10	78777.98	394727.77	37.32	Soil	12,540	0.72
08/11/2021	9:47:11	78777.89	394727.88	37.36	Soil	11,820	0.22
08/11/2021	9:47:12	78778.02	394727.40	37.48	Soil	10,320	-0.84
08/11/2021	9:47:13	78778.00	394727.37	37.44	Soil	11,820	0.22
08/11/2021	9:47:14	78777.96	394727.87	37.37	Soil	10,560	-0.67
08/11/2021	9:47:15	78777.76	394728.08	37.38	Soil	11,100	-0.29
08/11/2021	9:47:16	78777.95	394727.62	37.42	Soil	11,100	-0.29
08/11/2021	9:47:17	78778.09	394727.31	37.49	Soil	10,740	-0.54
08/11/2021	9:47:18	78777.78	394727.66	37.39	Soil	11,700	0.13
08/11/2021	9:47:19	78777.71	394727.71	37.42	Soil	10,680	-0.58
08/11/2021	9:47:20	78777.95	394727.30	37.48	Soil	12,540	0.72
08/11/2021	9:47:21	78777.93	394727.34	37.45	Soil	11,040	-0.33
08/11/2021	9:47:22	78777.66	394727.82	37.41	Soil	12,540	0.72
08/11/2021	9:47:23	78777.59	394727.76	37.47	Soil	11,280	-0.16
08/11/2021	9:47:24	78777.77	394727.29	37.50	Soil	10,440	-0.75
08/11/2021	9:47:25	78777.80	394727.31	37.51	Soil	12,960	1.02
08/11/2021	9:47:26	78777.66	394727.41	37.58	Soil	11,820	0.22
08/11/2021	9:47:27	78777.74	394727.25	37.61	Soil	11,280	-0.16
08/11/2021	9:47:28	78777.90	394727.03	37.47	Soil	13,980	1.73
08/11/2021	9:47:29	78777.79	394727.10	37.53	Soil	11,700	0.13
08/11/2021	9:47:30	78777.63	394727.14	37.57	Soil	11,460	-0.04
08/11/2021	9:47:31	78777.61	394727.15	37.67	Soil	12,000	0.34
08/11/2021	9:47:32	78777.58	394727.27	37.55	Soil	11,700	0.13
08/11/2021	9:47:33	78777.43	394727.34	37.62	Soil	12,240	0.51
08/11/2021	9:47:34	78777.28	394727.52	37.59	Soil	10,860	-0.46
08/11/2021	9:47:35	78777.46	394727.31	37.57	Soil	11,700	0.13
08/11/2021	9:47:36	78777.64	394726.97	37.57	Soil	10,140	-0.96
08/11/2021	9:47:37	78777.47	394727.06	37.59	Soil	11,460	-0.04
08/11/2021	9:47:38	78777.45	394727.28	37.62	Soil	10,620	-0.62
08/11/2021	9:47:39	78777.50	394727.14	37.66	Soil	10,440	-0.75
08/11/2021	9:47:40	78777.74	394726.72	37.64	Soil	11,880	0.26

SU 7D GWS RESULTS
(SOIL)

08/11/2021	9:47:41	78777.86	394726.62	37.57	Soil	13,020	1.06
08/11/2021	9:47:42	78777.72	394726.81	37.57	Soil	10,620	-0.62
08/11/2021	9:47:43	78777.74	394726.82	37.64	Soil	12,900	0.98
08/11/2021	9:47:44	78777.99	394726.57	37.57	Soil	12,300	0.55
08/11/2021	9:47:45	78778.06	394726.47	37.62	Soil	12,780	0.89
08/11/2021	9:47:46	78777.95	394726.50	37.69	Soil	11,400	-0.08
08/11/2021	9:47:47	78777.86	394726.53	37.72	Soil	12,420	0.64
08/11/2021	9:47:48	78777.83	394726.57	37.72	Soil	11,040	-0.33
08/11/2021	9:47:49	78777.77	394726.80	37.78	Soil	11,100	-0.29
08/11/2021	9:47:50	78777.55	394727.13	37.85	Soil	12,780	0.89
08/11/2021	9:47:51	78777.33	394727.19	37.87	Soil	11,940	0.30
08/11/2021	9:47:52	78777.40	394727.02	37.93	Soil	11,100	-0.29
08/11/2021	9:47:53	78777.52	394727.02	37.80	Soil	11,160	-0.25
08/11/2021	9:47:54	78777.33	394727.38	37.86	Soil	11,880	0.26
08/11/2021	9:47:55	78777.13	394727.52	37.87	Soil	10,140	-0.96
08/11/2021	9:47:56	78777.06	394727.61	37.95	Soil	11,400	-0.08
08/11/2021	9:47:57	78777.09	394727.51	37.99	Soil	10,560	-0.67
08/11/2021	9:47:58	78777.15	394727.30	38.03	Soil	11,340	-0.12
08/11/2021	9:47:59	78777.10	394727.55	38.05	Soil	11,760	0.18
08/11/2021	9:48:00	78776.82	394727.97	38.12	Soil	11,940	0.30
08/11/2021	9:48:01	78777.03	394727.74	38.06	Soil	9,660	-1.30
08/11/2021	9:48:02	78777.38	394727.37	38.02	Soil	11,400	-0.08
08/11/2021	9:48:03	78777.20	394727.60	37.97	Soil	10,620	-0.62
08/11/2021	9:48:04	78777.13	394727.97	38.00	Soil	10,620	-0.62
08/11/2021	9:48:05	78777.25	394727.81	37.94	Soil	12,780	0.89
08/11/2021	10:04:50	78791.44	394729.55	36.52	Soil	10,140	-0.96
08/11/2021	10:04:51	78791.41	394729.58	36.42	Soil	10,140	-0.96
08/11/2021	10:04:53	78790.91	394729.52	36.41	Soil	9,540	-1.38
08/11/2021	10:04:54	78791.42	394729.64	36.36	Soil	11,280	-0.16
08/11/2021	10:04:55	78791.46	394729.45	36.28	Soil	10,800	-0.50
08/11/2021	10:04:57	78791.25	394729.19	36.37	Soil	10,920	-0.41
08/11/2021	10:04:58	78791.67	394729.29	36.43	Soil	10,020	-1.05
08/11/2021	10:04:59	78791.46	394729.24	36.35	Soil	9,540	-1.38
08/11/2021	10:05:01	78791.30	394729.03	36.47	Soil	11,100	-0.29
08/11/2021	10:05:02	78791.59	394729.05	36.55	Soil	10,800	-0.50
08/11/2021	10:05:03	78791.21	394729.01	36.52	Soil	11,280	-0.16
08/11/2021	10:05:05	78791.31	394729.16	36.61	Soil	9,840	-1.17
08/11/2021	10:05:07	78791.26	394728.74	36.42	Soil	10,380	-0.79
08/11/2021	10:05:09	78791.47	394728.96	36.49	Soil	11,760	0.18
08/11/2021	10:05:10	78791.73	394729.03	36.48	Soil	9,360	-1.51
08/11/2021	10:05:11	78791.28	394728.75	36.41	Soil	11,700	0.13
08/11/2021	10:05:16	78791.44	394728.72	36.62	Soil	9,180	-1.64
08/11/2021	10:05:22	78791.49	394728.53	36.82	Soil	11,700	0.13
08/11/2021	10:05:23	78791.70	394728.58	36.72	Soil	12,120	0.43
08/11/2021	10:05:27	78791.46	394728.62	36.82	Soil	11,400	-0.08
08/11/2021	10:05:28	78791.63	394728.56	36.75	Soil	9,960	-1.09
08/11/2021	10:05:29	78791.48	394728.36	36.74	Soil	10,980	-0.37
08/11/2021	10:05:32	78791.69	394728.52	36.88	Soil	10,800	-0.50
08/11/2021	10:05:33	78791.91	394728.54	36.87	Soil	9,900	-1.13
08/11/2021	10:05:36	78791.63	394728.43	36.89	Soil	10,920	-0.41
08/11/2021	10:05:37	78791.73	394728.33	36.86	Soil	11,100	-0.29

SU 7D GWS RESULTS
(SOIL)

08/11/2021	10:05:38	78791.52	394728.07	36.83	Soil	12,120	0.43
08/11/2021	10:05:39	78791.63	394728.16	37.06	Soil	10,380	-0.79
08/11/2021	10:05:41	78791.76	394728.08	36.96	Soil	11,580	0.05
08/11/2021	10:05:43	78791.50	394728.01	37.13	Soil	10,140	-0.96
08/11/2021	10:05:45	78791.94	394727.85	36.94	Soil	8,940	-1.80
08/11/2021	10:05:46	78791.55	394727.65	37.03	Soil	10,500	-0.71
08/11/2021	10:05:47	78791.62	394727.63	37.32	Soil	11,220	-0.20
08/11/2021	10:05:48	78791.87	394727.81	37.18	Soil	10,020	-1.05
08/11/2021	10:05:49	78791.61	394727.79	37.02	Soil	10,080	-1.00
08/11/2021	10:05:54	78791.41	394727.91	36.98	Soil	10,800	-0.50
08/11/2021	10:05:55	78791.59	394728.02	37.01	Soil	11,460	-0.04
08/11/2021	10:05:58	78791.42	394727.95	37.06	Soil	11,100	-0.29
08/11/2021	10:05:59	78791.87	394728.18	37.12	Soil	9,120	-1.68
08/11/2021	10:06:00	78791.71	394727.86	36.99	Soil	10,080	-1.00
08/11/2021	10:06:04	78791.53	394727.91	37.10	Soil	10,620	-0.62
08/11/2021	10:06:05	78791.96	394727.84	37.11	Soil	9,420	-1.47
08/11/2021	10:06:06	78791.63	394727.66	36.99	Soil	10,320	-0.84
08/11/2021	10:06:09	78791.44	394727.83	37.06	Soil	9,900	-1.13
08/11/2021	10:06:10	78791.68	394727.90	37.07	Soil	10,500	-0.71
08/11/2021	10:06:11	78791.52	394727.72	36.99	Soil	8,280	-2.27
08/11/2021	10:06:15	78791.52	394727.52	37.06	Soil	10,680	-0.58
08/11/2021	10:06:18	78791.60	394727.50	37.31	Soil	10,620	-0.62
08/11/2021	10:06:19	78791.89	394727.79	37.29	Soil	9,900	-1.13
08/11/2021	10:06:20	78791.81	394727.55	37.21	Soil	10,800	-0.50
08/11/2021	10:06:22	78791.47	394727.23	37.19	Soil	10,980	-0.37
08/11/2021	10:06:23	78791.84	394727.47	37.30	Soil	10,560	-0.67
08/11/2021	10:06:24	78791.60	394727.37	37.22	Soil	10,260	-0.88
08/11/2021	10:06:26	78791.53	394727.20	37.40	Soil	11,160	-0.25
08/11/2021	10:06:27	78792.05	394727.33	37.44	Soil	11,880	0.26
08/11/2021	10:06:28	78792.11	394727.35	37.42	Soil	9,720	-1.26
08/11/2021	10:06:29	78791.68	394727.18	37.22	Soil	10,620	-0.62
08/11/2021	10:06:31	78791.81	394726.93	37.56	Soil	10,800	-0.50
08/11/2021	10:06:32	78792.05	394727.08	37.61	Soil	10,740	-0.54
08/11/2021	10:06:33	78791.83	394726.92	37.41	Soil	10,560	-0.67
08/11/2021	10:06:34	78791.67	394726.71	37.39	Soil	10,920	-0.41
08/11/2021	10:06:35	78791.90	394726.88	37.59	Soil	10,980	-0.37
08/11/2021	10:06:36	78792.07	394726.94	37.57	Soil	10,560	-0.67
08/11/2021	10:06:37	78791.86	394726.67	37.46	Soil	11,280	-0.16
08/11/2021	10:06:38	78791.78	394726.62	37.40	Soil	12,480	0.68
08/11/2021	10:06:39	78792.03	394726.94	37.65	Soil	11,040	-0.33
08/11/2021	10:06:40	78792.41	394727.02	37.69	Soil	11,340	-0.12
08/11/2021	10:06:41	78792.29	394726.89	37.65	Soil	9,540	-1.38
08/11/2021	10:06:42	78791.86	394726.83	37.47	Soil	10,440	-0.75
08/11/2021	10:06:43	78791.73	394726.74	37.43	Soil	10,260	-0.88
08/11/2021	10:06:44	78792.00	394726.75	37.64	Soil	10,320	-0.84
08/11/2021	10:06:45	78792.30	394726.74	37.68	Soil	10,620	-0.62
08/11/2021	10:06:46	78792.10	394726.70	37.58	Soil	9,600	-1.34
08/11/2021	10:06:47	78791.69	394726.54	37.45	Soil	10,320	-0.84
08/11/2021	10:06:48	78791.60	394726.54	37.39	Soil	10,620	-0.62
08/11/2021	10:06:49	78791.99	394726.71	37.67	Soil	12,060	0.39
08/11/2021	10:06:50	78792.19	394726.56	37.67	Soil	10,680	-0.58

SU 7D GWS RESULTS
(SOIL)

08/11/2021	10:06:53	78791.97	394726.50	37.73	Soil	10,680	-0.58
08/11/2021	10:06:54	78792.32	394726.63	37.76	Soil	10,620	-0.62
08/11/2021	10:06:58	78792.31	394726.50	37.81	Soil	8,700	-1.97
08/11/2021	10:06:59	78792.21	394726.35	37.63	Soil	11,280	-0.16
08/11/2021	10:07:02	78792.49	394726.43	37.75	Soil	10,860	-0.46
08/11/2021	10:07:03	78792.43	394726.37	37.71	Soil	12,060	0.39
08/11/2021	10:07:06	78792.25	394726.46	37.67	Soil	10,080	-1.00
08/11/2021	10:07:07	78792.31	394726.28	37.63	Soil	9,600	-1.34
08/11/2021	10:07:11	78792.24	394726.10	37.65	Soil	11,040	-0.33
08/11/2021	10:07:12	78792.61	394726.12	37.60	Soil	10,500	-0.71
08/11/2021	10:07:15	78792.37	394725.98	37.66	Soil	11,160	-0.25
08/11/2021	10:07:16	78792.64	394726.17	37.64	Soil	10,620	-0.62
08/11/2021	10:07:17	78792.34	394726.07	37.59	Soil	10,560	-0.67
08/11/2021	10:07:19	78792.25	394725.84	37.52	Soil	12,420	0.64
08/11/2021	10:07:20	78792.61	394726.01	37.52	Soil	10,080	-1.00
08/11/2021	10:07:21	78792.39	394725.82	37.53	Soil	12,720	0.85
08/11/2021	10:07:24	78792.28	394725.86	37.54	Soil	10,620	-0.62
08/11/2021	10:07:25	78792.61	394726.00	37.51	Soil	12,240	0.51
08/11/2021	10:07:26	78792.37	394725.92	37.47	Soil	11,040	-0.33
08/11/2021	10:07:29	78792.77	394725.80	37.51	Soil	10,560	-0.67
08/11/2021	10:07:30	78792.69	394725.75	37.42	Soil	11,460	-0.04
08/11/2021	10:07:33	78792.76	394725.51	37.51	Soil	11,100	-0.29
08/11/2021	10:07:34	78792.69	394725.52	37.36	Soil	11,220	-0.20
08/11/2021	10:07:37	78792.64	394725.27	37.50	Soil	11,160	-0.25
08/11/2021	10:07:41	78792.74	394725.25	37.55	Soil	9,480	-1.42
08/11/2021	10:07:45	78793.02	394725.03	37.57	Soil	11,220	-0.20
08/11/2021	10:07:46	78792.86	394725.05	37.52	Soil	13,320	1.27
08/11/2021	10:07:49	78792.79	394724.97	37.62	Soil	9,300	-1.55
08/11/2021	10:08:05	78792.86	394724.50	37.79	Soil	11,700	0.13
08/11/2021	10:08:13	78792.90	394724.43	37.84	Soil	10,020	-1.05
08/11/2021	10:08:25	78793.21	394724.11	38.11	Soil	10,680	-0.58
08/11/2021	10:08:37	78793.24	394724.01	38.34	Soil	9,420	-1.47
08/11/2021	10:09:35	78793.78	394723.84	38.80	Soil	11,040	-0.33
08/11/2021	10:09:36	78793.65	394723.83	38.78	Soil	11,160	-0.25
08/11/2021	10:09:39	78793.80	394723.85	38.75	Soil	9,840	-1.17
08/11/2021	10:09:40	78793.63	394723.94	38.69	Soil	13,200	1.19
08/11/2021	10:09:41	78793.26	394724.00	38.70	Soil	9,060	-1.72
08/11/2021	10:09:42	78793.46	394723.98	38.65	Soil	11,340	-0.12
08/11/2021	10:09:43	78793.82	394724.10	38.72	Soil	11,280	-0.16
08/11/2021	10:09:44	78793.66	394724.28	38.69	Soil	10,140	-0.96
08/11/2021	10:09:45	78793.69	394724.08	38.65	Soil	9,720	-1.26
08/11/2021	10:09:46	78793.59	394723.89	38.57	Soil	12,060	0.39
08/11/2021	10:09:49	78793.48	394723.90	38.86	Soil	10,920	-0.41
08/11/2021	10:09:52	78793.26	394724.02	38.76	Soil	13,680	1.52
08/11/2021	10:09:53	78793.37	394724.10	38.67	Soil	11,220	-0.20
08/11/2021	10:09:56	78793.42	394723.96	38.73	Soil	11,640	0.09
08/11/2021	10:09:57	78793.63	394723.89	38.78	Soil	10,620	-0.62
08/11/2021	10:10:01	78793.61	394723.96	38.60	Soil	11,520	0.01
08/11/2021	10:10:02	78793.36	394724.00	38.40	Soil	10,920	-0.41
08/11/2021	10:10:05	78793.48	394724.19	38.34	Soil	10,680	-0.58
08/11/2021	10:10:06	78793.57	394724.14	38.34	Soil	10,920	-0.41

SU 7D GWS RESULTS
(SOIL)

08/11/2021	10:10:11	78793.36	394724.37	38.11	Soil	10,920	-0.41
08/11/2021	10:10:12	78793.35	394724.38	38.06	Soil	10,860	-0.46
08/11/2021	10:10:15	78793.34	394724.48	38.00	Soil	10,800	-0.50
08/11/2021	10:10:16	78793.59	394724.66	38.03	Soil	10,740	-0.54
08/11/2021	10:10:17	78793.32	394724.58	37.82	Soil	11,220	-0.20
08/11/2021	10:10:18	78792.89	394724.46	37.83	Soil	10,200	-0.92
08/11/2021	10:10:19	78793.01	394724.56	37.81	Soil	12,060	0.39
08/11/2021	10:10:20	78793.17	394724.68	37.75	Soil	11,940	0.30
08/11/2021	10:10:24	78793.13	394724.89	37.69	Soil	10,380	-0.79
08/11/2021	10:10:28	78793.22	394725.02	37.59	Soil	11,700	0.13
08/11/2021	10:10:29	78793.08	394724.86	37.57	Soil	11,340	-0.12
08/11/2021	10:10:31	78793.39	394724.78	37.83	Soil	9,480	-1.42
08/11/2021	10:10:32	78793.82	394724.98	37.80	Soil	11,340	-0.12
08/11/2021	10:10:33	78793.38	394724.85	37.65	Soil	10,620	-0.62
08/11/2021	10:10:34	78792.90	394724.68	37.74	Soil	12,720	0.85
08/11/2021	10:10:35	78793.48	394724.82	37.81	Soil	10,440	-0.75
08/11/2021	10:10:36	78794.06	394724.99	37.77	Soil	9,540	-1.38
08/11/2021	10:10:37	78793.57	394724.98	37.72	Soil	11,520	0.01
08/11/2021	10:10:38	78793.04	394724.91	37.66	Soil	11,040	-0.33
08/11/2021	10:10:39	78793.28	394724.87	37.69	Soil	11,520	0.01
08/11/2021	10:10:40	78793.35	394724.94	37.66	Soil	11,280	-0.16
08/11/2021	10:10:41	78793.16	394724.96	37.66	Soil	9,240	-1.59
08/11/2021	10:10:42	78793.05	394724.94	37.67	Soil	11,940	0.30
08/11/2021	10:10:43	78793.51	394724.98	37.76	Soil	10,800	-0.50
08/11/2021	10:10:44	78793.80	394725.08	37.83	Soil	11,280	-0.16
08/11/2021	10:10:45	78793.35	394725.06	37.99	Soil	10,500	-0.71
08/11/2021	10:10:46	78793.36	394724.95	37.99	Soil	11,340	-0.12
08/11/2021	10:10:47	78793.79	394724.94	38.04	Soil	11,700	0.13
08/11/2021	10:10:48	78793.59	394724.97	37.73	Soil	13,320	1.27
08/11/2021	10:10:49	78793.07	394724.98	37.62	Soil	11,820	0.22
08/11/2021	10:10:50	78793.26	394725.03	37.81	Soil	9,660	-1.30
08/11/2021	10:10:51	78793.73	394725.14	37.80	Soil	9,660	-1.30
08/11/2021	10:10:52	78793.47	394725.15	37.61	Soil	11,400	-0.08
08/11/2021	10:10:53	78793.09	394725.12	37.65	Soil	11,640	0.09
08/11/2021	10:10:54	78793.33	394725.25	37.81	Soil	11,160	-0.25
08/11/2021	10:10:55	78793.61	394725.38	37.76	Soil	9,840	-1.17
08/11/2021	10:10:56	78793.22	394725.19	37.61	Soil	9,060	-1.72
08/11/2021	10:10:57	78792.92	394725.07	37.65	Soil	10,200	-0.92
08/11/2021	10:10:58	78793.26	394725.29	37.80	Soil	11,220	-0.20
08/11/2021	10:10:59	78793.45	394725.54	37.77	Soil	11,580	0.05
08/11/2021	10:11:00	78793.27	394725.45	37.57	Soil	11,580	0.05
08/11/2021	10:11:01	78793.02	394725.30	37.52	Soil	9,600	-1.34
08/11/2021	10:11:02	78793.10	394725.36	37.49	Soil	11,340	-0.12
08/11/2021	10:11:03	78793.14	394725.41	37.62	Soil	11,580	0.05
08/11/2021	10:11:04	78793.34	394725.45	37.79	Soil	10,800	-0.50
08/11/2021	10:11:05	78793.57	394725.51	37.80	Soil	10,560	-0.67
08/11/2021	10:11:06	78793.24	394725.39	37.70	Soil	10,260	-0.88
08/11/2021	10:11:07	78792.93	394725.32	37.79	Soil	11,040	-0.33
08/11/2021	10:11:08	78793.21	394725.39	37.86	Soil	10,680	-0.58
08/11/2021	10:11:09	78793.46	394725.47	37.81	Soil	9,900	-1.13
08/11/2021	10:11:10	78793.14	394725.49	37.51	Soil	11,280	-0.16

SU 7D GWS RESULTS
(SOIL)

08/11/2021	10:11:11	78792.87	394725.51	37.69	Soil	10,440	-0.75
08/11/2021	10:11:12	78793.15	394725.53	37.82	Soil	11,580	0.05
08/11/2021	10:11:13	78793.24	394725.58	37.75	Soil	12,900	0.98
08/11/2021	10:11:14	78792.93	394725.53	37.72	Soil	12,060	0.39
08/11/2021	10:11:15	78792.93	394725.50	37.78	Soil	10,620	-0.62
08/11/2021	10:11:16	78793.24	394725.54	37.97	Soil	9,300	-1.55
08/11/2021	10:11:17	78793.51	394725.61	38.02	Soil	9,960	-1.09
08/11/2021	10:11:18	78793.58	394725.63	37.91	Soil	13,020	1.06
08/11/2021	10:11:19	78793.46	394725.58	37.93	Soil	12,000	0.34
08/11/2021	10:11:20	78793.46	394725.59	37.93	Soil	12,480	0.68
08/11/2021	10:11:21	78793.59	394725.73	37.91	Soil	11,520	0.01
08/11/2021	10:11:22	78793.63	394725.76	37.88	Soil	13,980	1.73
08/11/2021	10:11:23	78793.57	394725.65	37.88	Soil	13,260	1.23
08/11/2021	10:11:24	78793.52	394725.61	37.86	Soil	13,020	1.06
08/11/2021	10:11:25	78793.59	394725.64	37.88	Soil	12,780	0.89
08/11/2021	10:11:26	78793.58	394725.66	37.89	Soil	13,200	1.19
08/11/2021	10:11:27	78793.57	394725.63	37.89	Soil	12,060	0.39
08/11/2021	10:11:28	78793.54	394725.62	37.88	Soil	13,200	1.19
08/11/2021	10:11:29	78793.54	394725.63	37.87	Soil	12,360	0.60
08/11/2021	10:11:30	78793.50	394725.61	37.95	Soil	13,740	1.56
08/11/2021	10:11:31	78793.43	394725.55	37.99	Soil	12,060	0.39
08/11/2021	10:11:32	78793.39	394725.56	38.13	Soil	11,640	0.09
08/11/2021	10:11:33	78793.35	394725.69	38.22	Soil	10,860	-0.46
08/11/2021	10:11:34	78793.34	394725.65	38.30	Soil	11,220	-0.20
08/11/2021	10:11:35	78793.30	394725.50	38.32	Soil	10,260	-0.88
08/11/2021	10:11:36	78793.23	394725.52	38.32	Soil	10,500	-0.71
08/11/2021	10:11:37	78793.23	394725.60	38.29	Soil	9,180	-1.64
08/11/2021	10:11:38	78793.25	394725.55	38.27	Soil	10,860	-0.46
08/11/2021	10:11:39	78793.24	394725.55	38.29	Soil	10,260	-0.88
08/11/2021	10:11:40	78793.18	394725.58	38.42	Soil	11,100	-0.29
08/11/2021	10:11:41	78793.06	394725.57	38.39	Soil	10,980	-0.37
08/11/2021	10:11:42	78792.99	394725.63	38.41	Soil	10,260	-0.88
08/11/2021	10:11:43	78793.02	394725.63	38.36	Soil	10,200	-0.92
08/11/2021	10:11:44	78792.97	394725.54	38.34	Soil	10,980	-0.37
08/11/2021	10:11:45	78792.93	394725.57	38.36	Soil	10,320	-0.84
08/11/2021	10:11:46	78792.99	394725.60	38.37	Soil	10,440	-0.75
08/11/2021	10:11:47	78792.99	394725.52	38.34	Soil	9,240	-1.59
08/11/2021	10:11:48	78792.95	394725.54	38.38	Soil	11,820	0.22
08/11/2021	10:11:49	78792.98	394725.57	38.40	Soil	9,840	-1.17
08/11/2021	10:11:50	78792.99	394725.52	38.37	Soil	9,120	-1.68
08/11/2021	10:11:51	78792.93	394725.54	38.41	Soil	11,040	-0.33
08/11/2021	10:11:52	78792.91	394725.57	38.41	Soil	10,740	-0.54
08/11/2021	10:11:53	78792.87	394725.54	38.39	Soil	10,200	-0.92
08/11/2021	10:11:54	78792.80	394725.55	38.39	Soil	12,300	0.55
08/11/2021	10:11:55	78792.83	394725.57	38.41	Soil	9,840	-1.17
08/11/2021	10:11:56	78792.83	394725.57	38.41	Soil	10,260	-0.88
08/11/2021	10:11:57	78792.77	394725.55	38.47	Soil	11,400	-0.08
08/11/2021	10:11:58	78792.77	394725.59	38.45	Soil	10,620	-0.62
08/11/2021	10:11:59	78792.79	394725.63	38.57	Soil	11,400	-0.08
08/11/2021	10:12:00	78792.70	394725.68	38.83	Soil	12,180	0.47
08/11/2021	10:12:01	78792.62	394725.74	38.57	Soil	10,800	-0.50

SU 7D GWS RESULTS
(SOIL)

08/11/2021	10:12:02	78792.61	394725.59	38.55	Soil	12,060	0.39
08/11/2021	10:12:03	78792.67	394725.49	38.47	Soil	13,200	1.19
08/11/2021	10:12:04	78792.69	394725.62	38.46	Soil	9,600	-1.34
08/11/2021	10:12:05	78792.69	394725.50	38.48	Soil	10,320	-0.84
08/11/2021	10:12:06	78792.72	394725.50	38.44	Soil	9,600	-1.34
08/11/2021	10:12:07	78792.71	394725.61	38.46	Soil	10,380	-0.79
08/11/2021	10:12:08	78792.70	394725.49	38.44	Soil	10,920	-0.41
08/11/2021	10:12:09	78792.72	394725.60	38.44	Soil	10,500	-0.71
08/11/2021	10:12:10	78792.70	394725.56	38.48	Soil	10,380	-0.79
08/11/2021	10:12:11	78792.71	394725.50	38.45	Soil	10,140	-0.96
08/11/2021	10:12:12	78792.73	394725.64	38.57	Soil	11,460	-0.04
08/11/2021	10:12:13	78792.74	394725.57	38.65	Soil	10,680	-0.58
08/11/2021	10:12:14	78792.85	394725.57	38.50	Soil	11,100	-0.29
08/11/2021	10:12:15	78793.07	394725.71	38.30	Soil	10,800	-0.50
08/11/2021	10:12:16	78793.26	394725.74	37.98	Soil	10,200	-0.92
08/11/2021	10:12:17	78793.26	394725.71	37.97	Soil	11,040	-0.33
08/11/2021	10:12:18	78793.23	394725.73	37.94	Soil	11,460	-0.04
08/11/2021	10:12:19	78793.19	394725.71	37.93	Soil	11,820	0.22
08/11/2021	10:12:20	78793.17	394725.70	37.93	Soil	10,320	-0.84
08/11/2021	10:12:21	78793.15	394725.69	37.92	Soil	10,860	-0.46
08/11/2021	10:12:22	78793.14	394725.68	37.93	Soil	11,400	-0.08
08/11/2021	10:12:23	78793.14	394725.67	37.93	Soil	11,880	0.26
08/11/2021	10:12:24	78793.14	394725.66	37.94	Soil	11,820	0.22
08/11/2021	10:12:25	78793.14	394725.66	37.95	Soil	10,620	-0.62
08/11/2021	10:12:26	78793.13	394725.65	37.95	Soil	11,700	0.13
08/11/2021	10:12:27	78793.14	394725.66	37.97	Soil	10,620	-0.62
08/11/2021	10:12:28	78793.16	394725.65	37.96	Soil	13,680	1.52
08/11/2021	10:12:29	78793.12	394725.61	37.96	Soil	10,920	-0.41
08/11/2021	10:12:30	78793.10	394725.61	37.97	Soil	10,560	-0.67
08/11/2021	10:12:31	78793.09	394725.61	37.96	Soil	11,220	-0.20
08/11/2021	10:12:32	78793.08	394725.59	37.97	Soil	11,160	-0.25
08/11/2021	10:12:33	78793.07	394725.58	37.97	Soil	12,300	0.55
08/11/2021	10:12:34	78793.07	394725.57	37.98	Soil	12,120	0.43
08/11/2021	10:12:35	78793.06	394725.55	37.97	Soil	11,580	0.05
08/11/2021	10:12:36	78793.07	394725.55	37.99	Soil	11,520	0.01
08/11/2021	10:12:37	78793.08	394725.54	37.98	Soil	10,740	-0.54
08/11/2021	10:12:38	78793.07	394725.53	38.00	Soil	10,980	-0.37
08/11/2021	10:12:39	78793.07	394725.54	38.00	Soil	11,100	-0.29
08/11/2021	10:12:40	78793.06	394725.53	37.99	Soil	11,400	-0.08
08/11/2021	10:12:41	78793.06	394725.52	38.00	Soil	11,220	-0.20
08/11/2021	10:12:42	78793.07	394725.53	37.98	Soil	11,400	-0.08
08/11/2021	10:12:43	78793.06	394725.48	37.93	Soil	12,540	0.72
08/11/2021	10:12:44	78793.04	394725.43	37.93	Soil	12,000	0.34
08/11/2021	10:12:45	78793.03	394725.44	37.86	Soil	9,660	-1.30
08/11/2021	10:12:46	78793.02	394725.41	37.85	Soil	12,480	0.68
08/11/2021	10:12:47	78793.02	394725.44	37.86	Soil	11,340	-0.12
08/11/2021	10:12:48	78793.05	394725.50	37.86	Soil	11,040	-0.33
08/11/2021	10:12:49	78793.06	394725.53	37.82	Soil	10,260	-0.88
08/11/2021	10:12:50	78793.05	394725.51	37.79	Soil	12,900	0.98
08/11/2021	10:12:51	78793.05	394725.51	37.75	Soil	10,860	-0.46
08/11/2021	10:12:52	78793.05	394725.51	37.72	Soil	10,560	-0.67

SU 7D GWS RESULTS
(SOIL)

08/11/2021	10:12:53	78793.04	394725.51	37.70	Soil	10,920	-0.41
08/11/2021	10:12:54	78793.15	394725.61	37.95	Soil	10,260	-0.88
08/11/2021	10:12:55	78793.37	394725.71	38.13	Soil	13,140	1.14
08/11/2021	10:12:56	78793.43	394725.61	38.09	Soil	10,380	-0.79
08/11/2021	10:12:57	78793.40	394725.72	38.00	Soil	11,760	0.18
08/11/2021	10:12:58	78793.21	394725.82	37.99	Soil	11,640	0.09
08/11/2021	10:12:59	78793.22	394725.72	38.04	Soil	10,080	-1.00
08/11/2021	10:13:00	78793.32	394725.69	38.01	Soil	12,360	0.60
08/11/2021	10:13:01	78793.29	394725.77	38.01	Soil	12,120	0.43
08/11/2021	10:13:02	78793.25	394725.77	38.00	Soil	11,160	-0.25
08/11/2021	10:13:03	78793.19	394725.76	37.94	Soil	11,700	0.13
08/11/2021	10:13:04	78792.88	394725.76	37.72	Soil	10,860	-0.46
08/11/2021	10:13:05	78792.71	394725.70	37.90	Soil	13,080	1.10
08/11/2021	10:13:06	78793.22	394725.88	38.01	Soil	9,360	-1.51
08/11/2021	10:13:07	78793.56	394726.01	38.00	Soil	10,320	-0.84
08/11/2021	10:13:08	78793.21	394725.81	37.87	Soil	11,580	0.05
08/11/2021	10:13:09	78792.71	394725.76	37.73	Soil	10,620	-0.62
08/11/2021	10:13:10	78792.90	394725.95	37.91	Soil	10,800	-0.50
08/11/2021	10:13:11	78793.37	394726.13	37.92	Soil	11,340	-0.12
08/11/2021	10:13:12	78793.25	394726.02	37.78	Soil	12,960	1.02
08/11/2021	10:13:13	78792.71	394725.94	37.68	Soil	10,860	-0.46
08/11/2021	10:13:14	78792.96	394725.99	37.95	Soil	10,500	-0.71
08/11/2021	10:13:15	78793.42	394726.13	37.92	Soil	12,540	0.72
08/11/2021	10:13:16	78793.29	394725.88	37.91	Soil	11,220	-0.20
08/11/2021	10:13:17	78792.69	394725.71	37.65	Soil	10,500	-0.71
08/11/2021	10:13:18	78792.71	394725.87	37.82	Soil	11,220	-0.20
08/11/2021	10:13:19	78793.27	394726.11	37.94	Soil	11,100	-0.29
08/11/2021	10:13:20	78793.50	394726.09	37.91	Soil	12,180	0.47
08/11/2021	10:13:21	78793.03	394725.79	37.87	Soil	12,000	0.34
08/11/2021	10:13:22	78793.04	394725.78	37.95	Soil	11,700	0.13
08/11/2021	10:13:23	78793.44	394726.14	37.93	Soil	11,460	-0.04
08/11/2021	10:13:24	78793.20	394726.12	37.81	Soil	10,320	-0.84
08/11/2021	10:13:25	78792.72	394725.89	37.73	Soil	11,580	0.05
08/11/2021	10:13:26	78793.02	394725.99	37.81	Soil	10,200	-0.92
08/11/2021	10:13:27	78793.50	394726.10	37.98	Soil	10,620	-0.62
08/11/2021	10:13:28	78793.15	394725.94	37.75	Soil	9,780	-1.21
08/11/2021	10:13:29	78792.81	394725.84	37.81	Soil	12,060	0.39
08/11/2021	10:13:30	78793.11	394726.00	37.85	Soil	9,240	-1.59
08/11/2021	10:13:31	78793.35	394726.16	37.72	Soil	10,320	-0.84
08/11/2021	10:13:32	78792.89	394726.10	37.56	Soil	11,340	-0.12
08/11/2021	10:13:33	78792.61	394726.01	37.62	Soil	9,960	-1.09
08/11/2021	10:13:34	78793.07	394726.16	37.92	Soil	9,960	-1.09
08/11/2021	10:13:35	78793.28	394726.24	37.88	Soil	11,280	-0.16
08/11/2021	10:13:36	78792.93	394726.04	37.71	Soil	11,640	0.09
08/11/2021	10:13:37	78792.65	394726.03	37.55	Soil	11,460	-0.04
08/11/2021	10:13:38	78792.89	394726.15	37.77	Soil	9,780	-1.21
08/11/2021	10:13:39	78793.18	394726.19	37.75	Soil	9,720	-1.26
08/11/2021	10:13:40	78792.86	394726.20	37.48	Soil	9,480	-1.42
08/11/2021	10:13:41	78792.44	394726.19	37.62	Soil	9,900	-1.13
08/11/2021	10:13:42	78792.93	394726.22	37.81	Soil	10,080	-1.00
08/11/2021	10:13:43	78793.35	394726.26	37.70	Soil	10,560	-0.67

SU 7D GWS RESULTS
(SOIL)

08/11/2021	10:13:44	78792.84	394726.26	37.45	Soil	11,580	0.05
08/11/2021	10:13:45	78792.56	394726.23	37.82	Soil	10,020	-1.05
08/11/2021	10:13:46	78793.14	394726.24	37.90	Soil	9,900	-1.13
08/11/2021	10:13:47	78793.25	394726.31	37.72	Soil	12,600	0.76
08/11/2021	10:13:48	78792.70	394726.32	37.60	Soil	10,980	-0.37
08/11/2021	10:13:49	78792.74	394726.32	37.84	Soil	10,620	-0.62
08/11/2021	10:13:50	78793.28	394726.32	37.82	Soil	10,200	-0.92
08/11/2021	10:13:51	78793.05	394726.34	37.56	Soil	9,420	-1.47
08/11/2021	10:13:52	78792.66	394726.35	37.55	Soil	10,020	-1.05
08/11/2021	10:13:53	78792.95	394726.46	37.72	Soil	9,960	-1.09
08/11/2021	10:13:54	78793.21	394726.53	37.63	Soil	10,320	-0.84
08/11/2021	10:13:55	78792.82	394726.37	37.59	Soil	10,920	-0.41
08/11/2021	10:13:56	78792.80	394726.34	37.82	Soil	11,040	-0.33
08/11/2021	10:13:57	78793.38	394726.50	37.86	Soil	11,940	0.30
08/11/2021	10:13:58	78793.28	394726.47	37.72	Soil	10,800	-0.50
08/11/2021	10:13:59	78792.72	394726.37	37.57	Soil	10,680	-0.58
08/11/2021	10:14:00	78792.85	394726.48	37.79	Soil	10,980	-0.37
08/11/2021	10:14:01	78793.39	394726.63	37.78	Soil	8,520	-2.10
08/11/2021	10:14:02	78793.23	394726.54	37.66	Soil	10,980	-0.37
08/11/2021	10:14:03	78792.72	394726.39	37.60	Soil	10,380	-0.79
08/11/2021	10:14:04	78792.89	394726.51	37.75	Soil	9,840	-1.17
08/11/2021	10:14:05	78793.42	394726.70	37.75	Soil	10,680	-0.58
08/11/2021	10:14:06	78793.15	394726.63	37.63	Soil	10,740	-0.54
08/11/2021	10:14:07	78792.54	394726.46	37.64	Soil	11,160	-0.25
08/11/2021	10:14:08	78792.42	394726.38	37.61	Soil	11,040	-0.33
08/11/2021	10:14:09	78793.17	394726.61	37.76	Soil	13,500	1.40
08/11/2021	10:14:10	78793.38	394726.75	37.73	Soil	11,220	-0.20
08/11/2021	10:14:11	78792.99	394726.36	37.69	Soil	11,820	0.22
08/11/2021	10:14:12	78792.86	394726.23	37.83	Soil	11,040	-0.33
08/11/2021	10:14:13	78793.37	394726.51	37.79	Soil	10,500	-0.71
08/11/2021	10:14:14	78793.13	394726.54	37.60	Soil	11,460	-0.04
08/11/2021	10:14:15	78792.64	394726.34	37.60	Soil	10,140	-0.96
08/11/2021	10:14:16	78793.00	394726.51	37.79	Soil	11,880	0.26
08/11/2021	10:14:17	78793.32	394726.68	37.62	Soil	11,640	0.09
08/11/2021	10:14:18	78792.78	394726.44	37.63	Soil	10,560	-0.67
08/11/2021	10:14:19	78792.68	394726.36	37.75	Soil	11,400	-0.08
08/11/2021	10:14:20	78793.35	394726.58	37.75	Soil	9,960	-1.09
08/11/2021	10:14:21	78793.06	394726.55	37.63	Soil	11,160	-0.25
08/11/2021	10:14:22	78792.65	394726.53	37.71	Soil	10,500	-0.71
08/11/2021	10:14:23	78793.05	394726.67	37.90	Soil	10,680	-0.58
08/11/2021	10:14:24	78793.38	394726.69	37.73	Soil	10,680	-0.58
08/11/2021	10:14:25	78792.92	394726.57	37.61	Soil	11,520	0.01
08/11/2021	10:14:26	78792.83	394726.58	37.81	Soil	10,560	-0.67
08/11/2021	10:14:27	78793.26	394726.71	37.80	Soil	9,960	-1.09
08/11/2021	10:14:28	78793.17	394726.74	37.65	Soil	11,100	-0.29
08/11/2021	10:14:29	78792.78	394726.70	37.67	Soil	10,920	-0.41
08/11/2021	10:14:30	78793.09	394726.75	37.79	Soil	10,860	-0.46
08/11/2021	10:14:31	78793.30	394726.73	37.68	Soil	10,980	-0.37
08/11/2021	10:14:32	78792.84	394726.70	37.64	Soil	10,380	-0.79
08/11/2021	10:14:33	78792.67	394726.67	37.79	Soil	9,720	-1.26
08/11/2021	10:14:34	78793.13	394726.77	37.80	Soil	10,080	-1.00

SU 7D GWS RESULTS
(SOIL)

08/11/2021	10:14:35	78793.24	394726.92	37.74	Soil	10,620	-0.62
08/11/2021	10:14:36	78792.99	394726.79	37.74	Soil	10,260	-0.88
08/11/2021	10:14:37	78793.12	394726.72	37.89	Soil	11,100	-0.29
08/11/2021	10:14:38	78793.52	394726.83	37.75	Soil	10,200	-0.92
08/11/2021	10:14:39	78793.36	394726.83	37.71	Soil	9,960	-1.09
08/11/2021	10:14:40	78792.92	394726.84	37.60	Soil	10,200	-0.92
08/11/2021	10:14:41	78792.69	394726.86	37.64	Soil	10,440	-0.75
08/11/2021	10:14:42	78793.16	394727.10	37.82	Soil	9,540	-1.38
08/11/2021	10:14:43	78793.53	394727.17	37.71	Soil	11,340	-0.12
08/11/2021	10:14:44	78793.16	394726.99	37.56	Soil	9,840	-1.17
08/11/2021	10:14:45	78792.89	394726.98	37.72	Soil	11,280	-0.16
08/11/2021	10:14:46	78793.37	394727.20	37.77	Soil	12,480	0.68
08/11/2021	10:14:47	78793.40	394727.11	37.68	Soil	10,740	-0.54
08/11/2021	10:14:48	78792.83	394726.85	37.60	Soil	10,800	-0.50
08/11/2021	10:14:49	78792.91	394726.93	37.60	Soil	10,320	-0.84
08/11/2021	10:14:50	78793.16	394727.32	37.74	Soil	10,680	-0.58
08/11/2021	10:14:51	78793.05	394727.31	37.67	Soil	10,680	-0.58
08/11/2021	10:14:52	78793.18	394727.24	37.62	Soil	11,040	-0.33
08/11/2021	10:14:53	78793.30	394727.11	37.62	Soil	9,540	-1.38
08/11/2021	10:14:54	78793.25	394727.15	37.59	Soil	11,700	0.13
08/11/2021	10:14:55	78793.31	394727.11	37.62	Soil	9,900	-1.13
08/11/2021	10:14:56	78793.16	394727.14	37.65	Soil	9,420	-1.47
08/11/2021	10:14:57	78793.06	394727.23	37.59	Soil	10,800	-0.50
08/11/2021	10:14:58	78792.71	394727.23	37.56	Soil	13,440	1.35
08/11/2021	10:14:59	78792.80	394727.00	37.69	Soil	11,400	-0.08
08/11/2021	10:15:00	78793.20	394727.10	37.60	Soil	10,740	-0.54
08/11/2021	10:15:01	78793.02	394727.14	37.52	Soil	9,480	-1.42
08/11/2021	10:15:02	78792.82	394727.01	37.39	Soil	10,620	-0.62
08/11/2021	10:15:03	78792.78	394727.06	37.60	Soil	10,080	-1.00
08/11/2021	10:15:04	78793.00	394727.14	37.54	Soil	9,540	-1.38
08/11/2021	10:15:05	78792.77	394727.13	37.44	Soil	9,900	-1.13
08/11/2021	10:15:06	78792.58	394727.04	37.52	Soil	9,840	-1.17
08/11/2021	10:15:07	78793.00	394727.14	37.69	Soil	10,680	-0.58
08/11/2021	10:15:08	78793.38	394727.22	37.54	Soil	11,760	0.18
08/11/2021	10:15:09	78792.81	394727.14	37.42	Soil	9,960	-1.09
08/11/2021	10:15:10	78792.39	394727.12	37.50	Soil	9,240	-1.59
08/11/2021	10:15:11	78792.90	394727.29	37.65	Soil	10,800	-0.50
08/11/2021	10:15:12	78793.24	394727.35	37.55	Soil	11,100	-0.29
08/11/2021	10:15:13	78792.71	394727.16	37.59	Soil	9,480	-1.42
08/11/2021	10:15:14	78792.58	394727.08	37.56	Soil	10,560	-0.67
08/11/2021	10:15:15	78792.76	394727.22	37.51	Soil	10,440	-0.75
08/11/2021	10:15:16	78792.59	394727.18	37.47	Soil	10,500	-0.71
08/11/2021	10:15:17	78792.63	394727.18	37.62	Soil	10,140	-0.96
08/11/2021	10:15:18	78793.17	394727.52	37.66	Soil	10,140	-0.96
08/11/2021	10:15:19	78793.22	394727.62	37.46	Soil	9,960	-1.09
08/11/2021	10:15:20	78792.56	394727.40	37.45	Soil	9,540	-1.38
08/11/2021	10:15:21	78792.82	394727.47	37.57	Soil	9,900	-1.13
08/11/2021	10:15:22	78793.24	394727.60	37.38	Soil	10,620	-0.62
08/11/2021	10:15:23	78792.76	394727.50	37.22	Soil	9,720	-1.26
08/11/2021	10:15:24	78792.48	394727.50	37.34	Soil	10,500	-0.71
08/11/2021	10:15:25	78793.08	394727.62	37.46	Soil	10,800	-0.50

SU 7D GWS RESULTS
(SOIL)

08/11/2021	10:15:26	78793.10	394727.60	37.36	Soil	9,780	-1.21
08/11/2021	10:15:27	78792.72	394727.43	37.33	Soil	11,040	-0.33
08/11/2021	10:15:28	78792.95	394727.47	37.47	Soil	10,080	-1.00
08/11/2021	10:15:29	78793.31	394727.60	37.37	Soil	9,420	-1.47
08/11/2021	10:15:32	78793.34	394727.68	37.31	Soil	10,140	-0.96
08/11/2021	10:15:33	78793.09	394727.68	37.20	Soil	9,000	-1.76
08/11/2021	10:15:36	78793.19	394727.99	37.18	Soil	10,200	-0.92
08/11/2021	10:15:40	78793.16	394728.08	37.04	Soil	10,560	-0.67
08/11/2021	10:15:43	78793.38	394728.08	36.99	Soil	9,840	-1.17
08/11/2021	10:15:44	78793.19	394727.97	36.84	Soil	9,480	-1.42
08/11/2021	10:15:47	78793.17	394727.98	36.87	Soil	11,220	-0.20
08/11/2021	10:15:51	78793.03	394728.03	36.84	Soil	9,420	-1.47
08/11/2021	10:16:16	78793.01	394728.06	36.92	Soil	10,020	-1.05
08/11/2021	10:16:18	78791.92	394727.96	36.89	Soil	10,080	-1.00
08/11/2021	10:16:24	78792.51	394728.16	36.98	Soil	10,980	-0.37
08/11/2021	10:16:28	78792.33	394728.30	36.87	Soil	10,860	-0.46
08/11/2021	10:16:29	78792.35	394728.14	37.02	Soil	11,760	0.18
08/11/2021	10:16:33	78792.37	394728.17	36.97	Soil	10,440	-0.75
08/11/2021	10:16:36	78792.39	394728.50	36.87	Soil	10,200	-0.92
08/11/2021	10:16:38	78792.36	394728.24	36.92	Soil	8,940	-1.80
08/11/2021	10:16:39	78792.52	394728.42	36.83	Soil	10,080	-1.00
08/11/2021	10:16:41	78792.46	394728.54	37.01	Soil	10,440	-0.75
08/11/2021	10:16:43	78792.36	394728.60	36.82	Soil	10,860	-0.46
08/11/2021	10:16:46	78792.42	394728.79	36.66	Soil	11,700	0.13
08/11/2021	10:16:48	78792.35	394728.81	36.84	Soil	10,800	-0.50
08/11/2021	10:16:49	78792.52	394728.60	36.90	Soil	11,340	-0.12
08/11/2021	10:16:50	78792.37	394728.50	36.71	Soil	10,380	-0.79
08/11/2021	10:16:52	78792.52	394728.64	36.74	Soil	9,900	-1.13
08/11/2021	10:17:00	78792.36	394728.80	36.56	Soil	11,100	-0.29
08/11/2021	10:17:01	78792.40	394728.80	36.56	Soil	10,140	-0.96
08/11/2021	10:17:34	78791.95	394728.84	36.80	Soil	11,460	-0.04
08/11/2021	10:17:35	78791.86	394728.84	36.80	Soil	10,680	-0.58
08/11/2021	10:17:36	78791.93	394728.83	36.79	Soil	11,040	-0.33
08/11/2021	10:17:37	78791.91	394728.82	36.88	Soil	10,740	-0.54
08/11/2021	10:18:16	78791.78	394728.95	36.86	Soil	10,980	-0.37
08/11/2021	10:18:17	78791.78	394729.05	36.94	Soil	11,880	0.26
08/11/2021	10:19:22	78792.41	394728.73	38.25	Soil	9,360	-1.51
08/11/2021	10:19:23	78792.51	394728.65	38.20	Soil	9,060	-1.72
08/11/2021	10:19:24	78792.49	394728.67	38.14	Soil	9,060	-1.72
08/11/2021	10:19:25	78792.52	394728.65	38.18	Soil	9,900	-1.13
08/11/2021	10:19:27	78792.52	394728.67	38.10	Soil	9,240	-1.59
08/11/2021	10:19:28	78792.51	394728.66	38.12	Soil	9,300	-1.55
08/11/2021	10:19:30	78792.50	394728.60	38.05	Soil	9,780	-1.21
08/11/2021	10:19:31	78792.51	394728.67	38.02	Soil	11,520	0.01
08/11/2021	10:19:35	78793.15	394728.09	38.09	Soil	8,340	-2.22
08/11/2021	10:19:36	78793.30	394727.98	37.99	Soil	9,540	-1.38
08/11/2021	10:19:37	78793.25	394728.13	38.01	Soil	10,320	-0.84
08/11/2021	10:19:38	78793.24	394728.11	38.04	Soil	10,440	-0.75
08/11/2021	10:19:39	78793.27	394728.11	38.04	Soil	9,900	-1.13
08/11/2021	10:19:40	78793.29	394728.08	38.05	Soil	9,900	-1.13
08/11/2021	10:19:41	78793.26	394728.08	38.07	Soil	9,840	-1.17

SU 7D GWS RESULTS
(SOIL)

08/11/2021	10:19:42	78793.29	394728.08	38.05	Soil	10,200	-0.92
08/11/2021	10:19:43	78793.28	394728.06	38.06	Soil	10,080	-1.00
08/11/2021	10:19:44	78793.28	394728.05	38.07	Soil	8,280	-2.27
08/11/2021	10:19:45	78793.30	394728.05	38.05	Soil	9,960	-1.09
08/11/2021	10:19:46	78793.29	394728.04	38.07	Soil	9,660	-1.30
08/11/2021	10:19:47	78793.30	394728.15	38.14	Soil	9,060	-1.72
08/11/2021	10:19:48	78793.28	394728.46	38.12	Soil	10,080	-1.00
08/11/2021	10:20:05	78793.08	394728.58	37.76	Soil	11,880	0.26
08/11/2021	10:20:06	78793.15	394728.61	37.66	Soil	11,880	0.26
08/11/2021	10:20:07	78793.09	394728.55	37.60	Soil	13,440	1.35
08/11/2021	10:20:08	78793.12	394728.56	37.59	Soil	12,660	0.81
08/11/2021	10:20:09	78793.16	394728.57	37.59	Soil	13,080	1.10
08/11/2021	10:20:10	78793.13	394728.59	37.56	Soil	11,700	0.13
08/11/2021	10:20:11	78793.14	394728.59	37.58	Soil	10,680	-0.58
08/11/2021	10:20:12	78793.15	394728.62	37.58	Soil	10,740	-0.54
08/11/2021	10:20:13	78793.14	394728.64	37.56	Soil	11,940	0.30
08/11/2021	10:20:14	78793.13	394728.67	37.59	Soil	11,520	0.01
08/11/2021	10:20:16	78793.13	394728.70	37.56	Soil	12,240	0.51
08/11/2021	10:20:17	78793.17	394728.71	37.60	Soil	11,820	0.22
08/12/2021	9:02:52	78773.86	394744.75	38.42	Soil	10,140	-0.97
08/12/2021	9:02:53	78773.80	394744.80	38.38	Soil	11,640	0.10
08/12/2021	9:02:54	78773.97	394744.90	38.23	Soil	10,080	-1.01
08/12/2021	9:03:29	78772.95	394745.63	42.04	Soil	10,800	-0.50
08/12/2021	9:03:30	78772.99	394745.56	42.62	Soil	9,660	-1.31
08/12/2021	9:03:31	78773.05	394745.54	42.58	Soil	11,520	0.01
08/12/2021	9:03:32	78773.26	394745.43	42.76	Soil	11,940	0.31
08/12/2021	9:03:33	78773.32	394745.39	42.91	Soil	12,240	0.52
08/12/2021	9:03:34	78773.32	394745.38	42.96	Soil	10,920	-0.42
08/12/2021	9:03:35	78773.28	394745.43	43.08	Soil	11,460	-0.03
08/12/2021	9:03:36	78773.31	394745.43	43.18	Soil	11,220	-0.20
08/12/2021	9:03:37	78773.42	394745.37	43.24	Soil	12,600	0.78
08/12/2021	9:03:38	78773.80	394745.25	40.78	Soil	10,980	-0.37
08/12/2021	9:04:07	78774.33	394745.15	44.29	Soil	9,300	-1.56
08/12/2021	9:12:36	78774.01	394745.12	39.08	Soil	11,580	0.05
08/12/2021	9:12:37	78774.02	394745.36	39.20	Soil	11,100	-0.29
08/12/2021	9:12:38	78774.32	394745.81	39.49	Soil	11,400	-0.08
08/12/2021	9:12:39	78774.67	394745.81	39.61	Soil	10,140	-0.97
08/12/2021	9:13:26	78776.86	394747.97	39.91	Soil	9,600	-1.35
08/12/2021	9:13:27	78776.53	394747.85	39.87	Soil	10,920	-0.42
08/12/2021	9:13:28	78776.34	394747.65	39.83	Soil	9,840	-1.18
08/12/2021	9:14:01	78774.88	394746.03	39.89	Soil	11,940	0.31
08/12/2021	9:14:02	78775.03	394746.16	39.86	Soil	11,580	0.05
08/12/2021	9:14:03	78775.06	394746.47	40.00	Soil	11,520	0.01
08/12/2021	9:14:04	78775.14	394746.58	40.00	Soil	12,660	0.82
08/12/2021	9:14:05	78775.35	394746.72	40.08	Soil	11,460	-0.03
08/12/2021	9:14:56	78775.02	394746.01	39.15	Soil	11,400	-0.08
08/12/2021	9:14:58	78774.73	394745.78	39.16	Soil	12,000	0.35
08/12/2021	9:14:59	78774.62	394745.86	39.13	Soil	10,380	-0.80
08/12/2021	9:15:00	78774.73	394746.31	39.05	Soil	11,160	-0.25
08/12/2021	9:15:01	78775.23	394746.52	39.00	Soil	11,520	0.01
08/12/2021	9:15:23	78774.50	394745.62	39.32	Soil	10,980	-0.37

SU 7D GWS RESULTS
(SOIL)

08/12/2021	9:15:24	78774.17	394745.20	39.02	Soil	11,100	-0.29
08/12/2021	9:16:09	78773.66	394745.21	39.14	Soil	11,820	0.22
08/12/2021	9:16:10	78773.88	394746.12	39.33	Soil	11,220	-0.20
08/12/2021	9:16:11	78774.36	394746.42	39.19	Soil	9,660	-1.31
08/12/2021	9:16:12	78774.39	394746.46	39.26	Soil	10,620	-0.63
08/12/2021	9:16:13	78774.26	394746.46	39.52	Soil	11,820	0.22
08/12/2021	9:16:14	78774.87	394746.61	39.98	Soil	10,320	-0.84
08/12/2021	9:16:15	78775.11	394746.22	40.09	Soil	12,180	0.48
08/12/2021	9:16:51	78777.08	394748.26	40.38	Soil	10,500	-0.71
08/12/2021	9:16:52	78777.35	394749.04	40.34	Soil	12,000	0.35
08/12/2021	9:16:53	78777.86	394749.78	40.13	Soil	11,520	0.01
08/12/2021	9:20:53	78776.12	394722.66	37.72	Soil	11,400	-0.08
08/12/2021	9:20:54	78776.33	394722.58	37.81	Soil	10,920	-0.41
08/12/2021	9:20:55	78776.43	394722.91	37.81	Soil	11,220	-0.20
08/12/2021	9:20:56	78776.69	394723.13	37.75	Soil	11,160	-0.25
08/12/2021	9:20:57	78776.80	394723.28	37.62	Soil	11,640	0.09
08/12/2021	9:20:58	78777.09	394723.07	37.64	Soil	11,220	-0.20
08/12/2021	9:20:59	78777.23	394723.19	37.59	Soil	12,240	0.51
08/12/2021	9:21:00	78777.32	394723.00	37.59	Soil	10,380	-0.79
08/12/2021	9:21:01	78777.45	394723.09	37.53	Soil	13,080	1.10
08/12/2021	9:21:02	78777.55	394722.72	37.69	Soil	11,340	-0.12
08/12/2021	9:21:03	78777.54	394722.47	37.67	Soil	11,760	0.18
08/12/2021	9:21:04	78777.56	394722.25	37.78	Soil	11,100	-0.29
08/12/2021	9:21:05	78777.80	394722.40	37.76	Soil	11,580	0.05
08/12/2021	9:21:06	78777.93	394722.72	37.78	Soil	11,280	-0.16
08/12/2021	9:21:07	78778.04	394722.92	37.73	Soil	10,740	-0.54
08/12/2021	9:21:08	78778.14	394723.03	37.74	Soil	11,640	0.09
08/12/2021	9:21:09	78778.29	394722.98	37.75	Soil	10,380	-0.79
08/12/2021	9:21:10	78778.40	394722.74	37.65	Soil	9,540	-1.38
08/12/2021	9:21:11	78778.42	394722.35	37.71	Soil	12,000	0.34
08/12/2021	9:21:12	78778.32	394722.08	37.89	Soil	11,940	0.30
08/12/2021	9:21:13	78778.04	394721.95	38.00	Soil	11,160	-0.25
08/12/2021	9:21:14	78777.97	394722.23	37.99	Soil	10,200	-0.92
08/12/2021	9:21:15	78778.11	394722.50	37.93	Soil	11,040	-0.33
08/12/2021	9:21:16	78778.21	394722.63	38.03	Soil	10,560	-0.67
08/12/2021	9:21:17	78778.65	394722.61	38.02	Soil	10,740	-0.54
08/12/2021	9:21:18	78778.78	394722.36	38.11	Soil	12,000	0.34
08/12/2021	9:21:19	78778.88	394722.09	38.26	Soil	13,080	1.10
08/12/2021	9:21:20	78779.35	394722.16	38.32	Soil	11,040	-0.33
08/12/2021	9:21:21	78779.57	394722.41	38.27	Soil	11,700	0.13
08/12/2021	9:21:22	78779.67	394722.64	38.24	Soil	11,760	0.18
08/12/2021	9:21:23	78779.45	394722.56	38.40	Soil	11,760	0.18
08/12/2021	9:21:24	78779.24	394722.37	38.49	Soil	10,380	-0.79
08/12/2021	9:21:25	78779.03	394722.36	38.46	Soil	11,760	0.18
08/12/2021	9:21:26	78778.88	394722.50	38.44	Soil	10,560	-0.67
08/12/2021	9:21:27	78778.98	394722.61	38.49	Soil	10,320	-0.84
08/12/2021	9:21:28	78779.41	394722.65	38.51	Soil	10,380	-0.79
08/12/2021	9:21:29	78779.45	394722.31	38.59	Soil	12,780	0.89
08/12/2021	9:21:30	78779.59	394721.82	38.61	Soil	11,640	0.09
08/12/2021	9:21:31	78779.60	394721.56	38.62	Soil	11,640	0.09
08/12/2021	9:21:32	78779.75	394721.71	38.60	Soil	13,080	1.10

SU 7D GWS RESULTS
(SOIL)

08/12/2021	9:21:33	78779.81	394721.95	38.62	Soil	12,000	0.34
08/12/2021	9:21:34	78779.92	394722.25	38.60	Soil	11,340	-0.12
08/12/2021	9:21:35	78779.98	394722.41	38.50	Soil	10,920	-0.41
08/12/2021	9:21:36	78779.97	394722.41	38.46	Soil	12,480	0.68
08/12/2021	9:21:37	78779.89	394722.27	38.50	Soil	12,060	0.39
08/12/2021	9:21:38	78780.01	394722.18	38.57	Soil	11,880	0.26
08/12/2021	9:21:39	78780.25	394722.06	38.51	Soil	12,540	0.72
08/12/2021	9:21:40	78780.38	394721.79	38.77	Soil	11,100	-0.29
08/12/2021	9:21:41	78780.39	394721.49	38.94	Soil	10,500	-0.71
08/12/2021	9:21:42	78780.40	394721.22	38.99	Soil	11,400	-0.08
08/12/2021	9:21:43	78780.48	394720.89	39.12	Soil	11,220	-0.20
08/12/2021	9:21:44	78780.30	394720.70	39.21	Soil	9,660	-1.30
08/12/2021	9:21:45	78780.40	394720.44	39.38	Soil	10,920	-0.41
08/12/2021	9:23:47	78780.69	394719.94	36.88	Soil	11,760	0.18
08/12/2021	9:23:48	78780.69	394720.21	36.83	Soil	12,060	0.39
08/12/2021	9:23:49	78780.88	394720.46	36.68	Soil	11,040	-0.33
08/12/2021	9:23:50	78780.83	394720.74	36.67	Soil	10,260	-0.88
08/12/2021	9:23:51	78781.05	394720.95	36.46	Soil	11,040	-0.33
08/12/2021	9:23:52	78780.92	394721.15	36.43	Soil	12,660	0.81
08/12/2021	9:23:53	78781.17	394721.29	36.44	Soil	11,460	-0.04
08/12/2021	9:23:54	78781.11	394721.50	36.38	Soil	11,280	-0.16
08/12/2021	9:23:55	78781.40	394721.63	36.25	Soil	10,380	-0.79
08/12/2021	9:23:56	78781.36	394721.63	36.23	Soil	10,620	-0.62
08/12/2021	9:23:57	78780.89	394721.76	36.31	Soil	10,800	-0.50
08/12/2021	9:23:58	78780.60	394721.51	36.39	Soil	11,400	-0.08
08/12/2021	9:23:59	78780.38	394721.25	36.42	Soil	9,540	-1.38
08/12/2021	9:24:00	78780.44	394720.93	36.52	Soil	11,700	0.13
08/12/2021	9:24:01	78780.43	394720.72	36.56	Soil	10,920	-0.41
08/12/2021	9:24:02	78780.34	394720.48	36.67	Soil	12,000	0.34
08/12/2021	9:24:03	78780.32	394720.13	36.79	Soil	12,300	0.55
08/12/2021	9:25:15	78778.94	394719.67	37.79	Soil	12,540	0.72
08/12/2021	9:25:16	78778.96	394719.77	37.76	Soil	13,200	1.19
08/12/2021	9:25:17	78779.07	394719.86	37.73	Soil	11,520	0.01
08/12/2021	9:25:18	78779.17	394720.02	37.65	Soil	10,920	-0.41
08/12/2021	9:25:19	78779.39	394720.04	37.64	Soil	10,980	-0.37
08/12/2021	9:25:20	78779.34	394720.29	37.52	Soil	9,600	-1.34
08/12/2021	9:25:22	78779.41	394720.57	37.48	Soil	11,520	0.01
08/12/2021	9:25:23	78779.09	394720.64	37.40	Soil	12,120	0.43
08/12/2021	9:25:24	78779.02	394720.36	37.49	Soil	11,640	0.09
08/12/2021	9:25:25	78779.08	394720.24	37.44	Soil	11,220	-0.20
08/12/2021	9:25:26	78779.19	394720.11	37.43	Soil	12,360	0.60
08/12/2021	9:25:27	78779.09	394720.20	37.39	Soil	13,260	1.23
08/12/2021	9:25:28	78779.13	394720.09	37.24	Soil	11,760	0.18
08/12/2021	9:25:29	78779.20	394719.91	37.25	Soil	12,480	0.68
08/12/2021	9:25:30	78779.21	394719.74	37.33	Soil	11,340	-0.12
08/12/2021	9:28:08	78780.33	394720.38	35.65	Soil	11,640	0.09
08/12/2021	9:28:09	78780.40	394720.63	35.72	Soil	10,620	-0.62
08/12/2021	9:28:10	78780.63	394720.81	35.48	Soil	12,720	0.85
08/12/2021	9:28:11	78780.68	394721.07	35.63	Soil	11,040	-0.33
08/12/2021	9:28:12	78780.97	394721.36	35.46	Soil	12,000	0.34
08/12/2021	9:28:13	78781.01	394721.69	35.69	Soil	12,000	0.34

SU 7D GWS RESULTS
(SOIL)

08/12/2021	9:28:14	78781.17	394721.95	35.53	Soil	11,280	-0.16
08/12/2021	9:28:15	78781.25	394722.10	35.64	Soil	11,040	-0.33
08/12/2021	9:28:16	78781.11	394722.03	35.73	Soil	10,440	-0.75
08/12/2021	9:28:17	78780.93	394721.88	35.93	Soil	11,760	0.18
08/12/2021	9:28:18	78780.80	394721.72	36.05	Soil	12,240	0.51
08/12/2021	9:28:19	78780.65	394721.59	36.19	Soil	11,460	-0.04
08/12/2021	9:28:20	78780.55	394721.71	36.25	Soil	11,700	0.13
08/12/2021	9:28:21	78780.80	394722.15	36.14	Soil	11,280	-0.16
08/12/2021	9:28:22	78781.21	394722.51	36.00	Soil	10,140	-0.96
08/12/2021	9:28:23	78781.46	394722.60	35.83	Soil	13,200	1.19
08/12/2021	9:28:24	78781.33	394722.55	35.95	Soil	12,360	0.60
08/12/2021	9:28:25	78781.12	394722.49	36.07	Soil	10,980	-0.37
08/12/2021	9:28:26	78781.17	394722.60	35.95	Soil	12,240	0.51
08/12/2021	9:28:27	78781.24	394722.87	35.92	Soil	11,460	-0.04
08/12/2021	9:28:28	78781.08	394723.00	35.96	Soil	10,860	-0.46
08/12/2021	9:28:29	78781.12	394723.18	35.93	Soil	10,980	-0.37
08/12/2021	9:28:30	78781.05	394723.36	35.95	Soil	12,720	0.85
08/12/2021	9:28:31	78781.25	394723.52	35.82	Soil	12,480	0.68
08/12/2021	9:28:32	78781.22	394723.78	35.79	Soil	11,640	0.09
08/12/2021	9:28:33	78781.26	394723.92	35.76	Soil	11,820	0.22
08/12/2021	9:28:34	78781.09	394723.90	35.81	Soil	12,180	0.47
08/12/2021	9:28:35	78780.99	394723.83	35.81	Soil	10,980	-0.37
08/12/2021	9:28:36	78780.81	394723.87	35.96	Soil	10,680	-0.58
08/12/2021	9:28:37	78780.66	394723.87	36.09	Soil	11,940	0.30
08/12/2021	9:28:38	78780.83	394723.82	35.93	Soil	12,060	0.39
08/12/2021	9:28:39	78780.73	394723.86	36.06	Soil	12,240	0.51
08/12/2021	9:28:40	78780.50	394724.06	36.30	Soil	11,340	-0.12
08/12/2021	9:28:41	78780.52	394724.28	36.26	Soil	12,120	0.43
08/12/2021	9:28:42	78780.62	394724.24	36.33	Soil	10,800	-0.50
08/12/2021	9:28:43	78780.80	394724.19	36.21	Soil	14,580	2.15
08/12/2021	9:28:44	78781.00	394724.11	36.16	Soil	10,080	-1.00
08/12/2021	9:28:45	78781.14	394723.91	36.22	Soil	11,580	0.05
08/12/2021	9:28:46	78781.08	394723.79	36.25	Soil	11,280	-0.16
08/12/2021	9:28:47	78780.82	394723.94	36.44	Soil	11,340	-0.12
08/12/2021	9:28:48	78780.55	394724.17	36.70	Soil	11,580	0.05
08/12/2021	9:28:49	78780.53	394724.24	36.61	Soil	11,280	-0.16
08/12/2021	9:28:50	78780.56	394724.32	36.80	Soil	10,020	-1.05
08/12/2021	9:28:51	78780.68	394724.55	37.12	Soil	11,460	-0.04
08/12/2021	9:28:52	78780.64	394724.55	37.04	Soil	12,060	0.39
08/12/2021	9:28:53	78780.57	394724.49	37.02	Soil	11,460	-0.04
08/12/2021	9:28:54	78780.63	394724.41	36.95	Soil	11,580	0.05
08/12/2021	9:28:55	78780.71	394724.32	36.81	Soil	13,560	1.44
08/12/2021	9:28:56	78780.77	394724.32	36.89	Soil	12,780	0.89
08/12/2021	9:28:57	78780.83	394724.44	36.79	Soil	10,980	-0.37
08/12/2021	9:28:58	78780.80	394724.51	36.76	Soil	12,000	0.34
08/12/2021	9:28:59	78780.73	394724.51	36.63	Soil	11,160	-0.25
08/12/2021	9:29:00	78780.48	394724.46	36.87	Soil	10,320	-0.84
08/12/2021	9:29:01	78780.32	394724.35	36.95	Soil	11,280	-0.16
08/12/2021	9:29:02	78780.28	394724.18	36.90	Soil	10,920	-0.41
08/12/2021	9:29:03	78780.28	394724.13	36.91	Soil	10,980	-0.37
08/12/2021	9:29:04	78780.23	394724.15	36.83	Soil	12,480	0.68

SU 7D GWS RESULTS
(SOIL)

08/12/2021	9:29:05	78780.28	394724.10	36.76	Soil	10,980	-0.37
08/12/2021	9:29:06	78780.37	394724.01	36.57	Soil	11,700	0.13
08/12/2021	9:29:07	78780.48	394723.97	36.50	Soil	12,420	0.64
08/12/2021	9:29:08	78780.56	394723.86	36.46	Soil	10,740	-0.54
08/12/2021	9:29:09	78780.66	394723.64	36.39	Soil	12,480	0.68
08/12/2021	9:29:10	78780.87	394723.53	36.11	Soil	12,240	0.51
08/12/2021	9:29:11	78780.91	394723.62	36.11	Soil	13,320	1.27
08/12/2021	9:29:12	78780.87	394723.70	36.11	Soil	12,000	0.34
08/12/2021	9:29:13	78780.90	394723.70	36.04	Soil	11,580	0.05
08/12/2021	9:29:14	78780.99	394723.64	36.10	Soil	12,240	0.51
08/12/2021	9:29:15	78781.02	394723.62	36.10	Soil	11,760	0.18
08/12/2021	9:29:16	78781.03	394723.64	36.05	Soil	11,340	-0.12
08/12/2021	9:29:17	78781.01	394723.60	35.99	Soil	11,700	0.13
08/12/2021	9:29:18	78781.02	394723.58	36.11	Soil	11,700	0.13
08/12/2021	9:29:19	78781.18	394723.52	35.86	Soil	14,580	2.15
08/12/2021	9:29:20	78781.43	394723.65	35.51	Soil	12,600	0.76
08/12/2021	9:29:21	78781.31	394724.07	35.37	Soil	10,020	-1.05
08/12/2021	9:29:22	78781.29	394724.29	35.26	Soil	11,460	-0.04
08/12/2021	9:29:23	78781.56	394724.34	35.08	Soil	10,320	-0.84
08/12/2021	9:29:24	78781.97	394724.34	34.84	Soil	11,520	0.01
08/12/2021	9:29:25	78782.22	394724.15	34.51	Soil	12,180	0.47
08/12/2021	9:29:26	78782.35	394723.85	34.44	Soil	11,280	-0.16
08/12/2021	9:29:28	78781.93	394723.83	34.46	Soil	12,180	0.47
08/12/2021	9:29:29	78781.81	394723.86	34.49	Soil	10,980	-0.37
08/12/2021	9:29:30	78781.84	394723.73	34.60	Soil	11,580	0.05
08/12/2021	9:29:31	78781.76	394723.56	34.58	Soil	11,580	0.05
08/12/2021	9:29:32	78781.85	394723.41	34.71	Soil	11,460	-0.04
08/12/2021	9:29:33	78781.80	394723.16	34.90	Soil	11,460	-0.04
08/12/2021	9:29:34	78781.91	394722.98	35.08	Soil	10,440	-0.75
08/12/2021	9:29:35	78781.83	394722.73	35.26	Soil	10,440	-0.75
08/12/2021	9:29:36	78781.88	394722.54	35.44	Soil	11,580	0.05
08/12/2021	9:29:37	78781.86	394722.57	35.56	Soil	11,280	-0.16
08/12/2021	9:29:38	78781.92	394722.76	35.42	Soil	10,200	-0.92
08/12/2021	9:29:39	78781.90	394722.93	35.47	Soil	10,740	-0.54
08/12/2021	9:29:40	78781.62	394723.06	35.45	Soil	10,260	-0.88
08/12/2021	9:29:41	78781.39	394723.22	35.32	Soil	10,380	-0.79
08/12/2021	9:29:42	78781.20	394723.46	35.54	Soil	11,280	-0.16
08/12/2021	9:29:43	78780.69	394723.73	35.90	Soil	10,560	-0.67
08/12/2021	9:29:44	78780.54	394723.58	35.96	Soil	11,760	0.18
08/12/2021	9:29:45	78781.07	394723.12	35.89	Soil	10,740	-0.54
08/12/2021	9:29:46	78781.19	394722.98	35.87	Soil	11,640	0.09
08/12/2021	9:29:47	78781.17	394722.98	35.68	Soil	12,420	0.64
08/12/2021	9:29:48	78780.98	394722.84	35.52	Soil	10,080	-1.00
08/12/2021	9:29:49	78780.56	394722.77	35.40	Soil	11,580	0.05
08/12/2021	9:29:50	78780.28	394722.76	35.53	Soil	10,680	-0.58
08/12/2021	9:29:51	78780.33	394723.05	35.03	Soil	11,760	0.18
08/12/2021	9:29:52	78780.45	394723.47	34.56	Soil	12,240	0.51
08/12/2021	9:29:53	78780.48	394723.82	34.94	Soil	12,900	0.98
08/12/2021	9:29:54	78780.46	394723.96	34.92	Soil	12,420	0.64
08/12/2021	9:29:55	78780.50	394723.94	34.88	Soil	11,940	0.30
08/12/2021	9:29:56	78780.69	394723.76	34.80	Soil	12,660	0.81

SU 7D GWS RESULTS
(SOIL)

08/12/2021	9:29:57	78780.74	394723.75	34.93	Soil	12,960	1.02
08/12/2021	9:29:58	78780.43	394723.99	35.04	Soil	12,840	0.93
08/12/2021	9:29:59	78780.20	394724.17	35.30	Soil	10,500	-0.71
08/12/2021	9:30:00	78780.20	394724.23	35.49	Soil	10,920	-0.41
08/12/2021	9:30:01	78780.20	394724.29	35.54	Soil	11,520	0.01
08/12/2021	9:30:02	78780.16	394724.35	35.78	Soil	12,180	0.47
08/12/2021	9:30:03	78780.12	394724.39	35.85	Soil	11,160	-0.25
08/12/2021	9:30:04	78780.09	394724.44	35.87	Soil	11,040	-0.33
08/12/2021	9:30:05	78780.02	394724.61	35.96	Soil	9,900	-1.13
08/12/2021	9:30:06	78780.07	394724.77	35.96	Soil	10,800	-0.50
08/12/2021	9:30:07	78780.26	394724.58	35.77	Soil	9,240	-1.59
08/12/2021	9:30:08	78780.42	394724.46	35.64	Soil	11,280	-0.16
08/12/2021	9:30:09	78780.50	394724.48	35.68	Soil	12,120	0.43
08/12/2021	9:30:10	78780.69	394724.58	35.45	Soil	11,160	-0.25
08/12/2021	9:30:11	78780.93	394724.61	35.38	Soil	11,220	-0.20
08/12/2021	9:30:12	78781.14	394724.59	35.18	Soil	12,960	1.02
08/12/2021	9:30:13	78781.33	394724.60	34.96	Soil	10,740	-0.54
08/12/2021	9:30:14	78781.63	394724.56	34.69	Soil	12,060	0.39
08/12/2021	9:30:15	78781.86	394724.53	34.63	Soil	11,640	0.09
08/12/2021	9:30:16	78782.05	394724.51	34.62	Soil	10,920	-0.41
08/12/2021	9:30:17	78782.18	394724.50	34.60	Soil	12,360	0.60
08/12/2021	9:30:18	78782.25	394724.54	34.61	Soil	12,900	0.98
08/12/2021	9:30:19	78782.16	394724.47	34.88	Soil	11,040	-0.33
08/12/2021	9:30:20	78782.24	394724.38	35.14	Soil	12,480	0.68
08/12/2021	9:30:21	78782.13	394724.25	35.42	Soil	11,580	0.05
08/12/2021	9:30:22	78782.17	394724.09	35.68	Soil	10,440	-0.75
08/12/2021	9:30:23	78782.10	394723.82	35.97	Soil	11,280	-0.16
08/12/2021	9:30:27	78781.94	394722.75	36.76	Soil	11,820	0.22
08/12/2021	9:30:28	78781.82	394722.52	36.74	Soil	11,940	0.30
08/12/2021	9:30:29	78781.76	394722.24	36.86	Soil	12,660	0.81
08/12/2021	9:30:30	78781.77	394722.01	36.95	Soil	10,620	-0.62
08/12/2021	9:30:31	78781.65	394721.90	37.12	Soil	12,240	0.51
08/12/2021	9:30:32	78781.57	394721.82	37.18	Soil	10,320	-0.84
08/12/2021	9:30:33	78781.75	394721.78	37.09	Soil	9,540	-1.38
08/12/2021	9:30:34	78782.02	394721.85	37.09	Soil	12,720	0.85
08/12/2021	9:30:36	78781.93	394721.84	37.36	Soil	11,700	0.13
08/12/2021	9:30:37	78781.76	394721.74	37.46	Soil	11,400	-0.08
08/12/2021	9:30:38	78781.70	394721.71	37.40	Soil	13,620	1.48
08/12/2021	9:30:39	78781.76	394721.67	37.33	Soil	12,120	0.43
08/12/2021	9:30:40	78781.88	394721.65	37.30	Soil	11,640	0.09
08/12/2021	9:30:41	78781.93	394721.67	37.28	Soil	12,420	0.64
08/12/2021	9:30:42	78781.89	394721.67	37.32	Soil	12,480	0.68
08/12/2021	9:30:43	78781.86	394721.63	37.37	Soil	11,040	-0.33
08/12/2021	9:30:44	78781.81	394721.59	37.37	Soil	13,020	1.06
08/12/2021	9:30:45	78781.73	394721.60	37.34	Soil	11,280	-0.16
08/12/2021	9:30:46	78781.67	394721.60	37.38	Soil	12,240	0.51
08/12/2021	9:30:47	78781.64	394721.58	37.38	Soil	12,720	0.85
08/12/2021	9:30:48	78781.68	394721.55	37.28	Soil	13,620	1.48
08/12/2021	9:30:49	78781.74	394721.52	37.26	Soil	11,520	0.01
08/12/2021	9:30:50	78781.84	394721.51	37.22	Soil	11,040	-0.33
08/12/2021	9:30:51	78781.85	394721.48	37.27	Soil	11,100	-0.29

SU 7D GWS RESULTS
(SOIL)

08/12/2021	9:30:52	78781.68	394721.45	37.50	Soil	10,560	-0.67
08/12/2021	9:30:53	78781.55	394721.42	37.53	Soil	10,140	-0.96
08/12/2021	9:30:54	78781.51	394721.41	37.41	Soil	12,060	0.39
08/12/2021	9:30:55	78781.57	394721.40	37.40	Soil	10,800	-0.50
08/12/2021	9:30:56	78781.67	394721.32	37.33	Soil	11,700	0.13
08/12/2021	9:30:57	78781.41	394721.15	37.64	Soil	10,860	-0.46
08/12/2021	9:30:58	78781.37	394720.93	37.68	Soil	10,620	-0.62
08/12/2021	9:30:59	78781.51	394720.84	37.40	Soil	13,200	1.19
08/12/2021	9:31:00	78781.31	394720.80	37.47	Soil	12,060	0.39
08/12/2021	9:31:01	78781.28	394720.57	37.44	Soil	12,120	0.43
08/12/2021	9:31:02	78781.20	394720.49	37.39	Soil	9,840	-1.17
08/12/2021	9:31:03	78781.07	394720.41	37.35	Soil	9,900	-1.13
08/12/2021	9:31:04	78781.05	394720.29	37.24	Soil	11,520	0.01
08/12/2021	9:31:05	78780.85	394720.21	37.36	Soil	11,400	-0.08
08/12/2021	9:31:07	78780.82	394719.88	37.38	Soil	11,280	-0.16
08/12/2021	9:31:40	78781.03	394720.23	36.82	Soil	11,820	0.22
08/12/2021	9:31:41	78781.30	394720.43	36.76	Soil	13,080	1.10
08/12/2021	9:31:42	78781.43	394720.70	36.69	Soil	12,420	0.64
08/12/2021	9:31:43	78781.70	394720.92	36.63	Soil	12,000	0.34
08/12/2021	9:31:44	78781.85	394721.14	36.52	Soil	11,700	0.13
08/12/2021	9:31:45	78782.08	394721.29	36.62	Soil	10,140	-0.96
08/12/2021	9:31:46	78782.06	394721.39	36.60	Soil	13,680	1.52
08/12/2021	9:31:47	78781.95	394721.61	36.59	Soil	12,540	0.72
08/12/2021	9:31:48	78781.92	394721.87	36.59	Soil	10,500	-0.71
08/12/2021	9:31:58	78782.61	394723.92	35.55	Soil	13,200	1.19
08/12/2021	9:31:59	78782.47	394723.96	35.54	Soil	11,040	-0.33
08/12/2021	9:32:03	78782.14	394723.83	35.54	Soil	10,140	-0.96
08/12/2021	9:32:07	78782.26	394723.80	35.50	Soil	12,060	0.39
08/12/2021	9:32:08	78782.22	394724.14	35.65	Soil	11,100	-0.29
08/12/2021	9:32:09	78782.21	394724.46	35.66	Soil	11,760	0.18
08/12/2021	9:32:10	78782.28	394724.61	35.64	Soil	11,940	0.30
08/12/2021	9:32:11	78782.48	394724.67	35.56	Soil	10,200	-0.92
08/12/2021	9:32:12	78782.75	394724.72	35.56	Soil	10,620	-0.62
08/12/2021	9:32:13	78783.09	394724.67	35.57	Soil	11,100	-0.29
08/12/2021	9:32:20	78783.16	394724.13	35.52	Soil	10,800	-0.50
08/12/2021	9:32:21	78782.99	394724.21	35.64	Soil	11,340	-0.12
08/12/2021	9:32:22	78782.80	394724.19	35.65	Soil	12,240	0.51
08/12/2021	9:32:23	78782.84	394724.06	35.59	Soil	11,760	0.18
08/12/2021	9:32:30	78783.74	394723.96	35.76	Soil	11,880	0.26
08/12/2021	9:33:01	78782.14	394720.37	36.61	Soil	12,000	0.34
08/12/2021	9:33:02	78781.96	394720.17	36.85	Soil	12,840	0.93
08/12/2021	9:33:41	78781.68	394720.27	37.13	Soil	10,140	-0.96
08/12/2021	9:33:42	78781.73	394720.55	37.10	Soil	12,060	0.39
08/12/2021	9:33:43	78781.77	394720.83	37.09	Soil	10,920	-0.41
08/12/2021	9:33:44	78781.81	394721.09	37.05	Soil	8,640	-2.01
08/12/2021	9:33:45	78781.82	394721.32	36.98	Soil	12,000	0.34
08/12/2021	9:33:46	78781.85	394721.57	36.91	Soil	12,720	0.85
08/12/2021	9:33:47	78781.92	394721.82	36.84	Soil	13,260	1.23
08/12/2021	9:33:55	78782.60	394723.86	36.35	Soil	9,960	-1.09
08/12/2021	9:33:56	78782.62	394724.14	36.40	Soil	11,100	-0.29
08/12/2021	9:33:57	78782.62	394724.45	36.33	Soil	10,020	-1.05

SU 7D GWS RESULTS
(SOIL)

08/12/2021	9:33:58	78782.68	394724.73	36.37	Soil	11,400	-0.08
08/12/2021	9:33:59	78782.95	394724.69	36.51	Soil	10,800	-0.50
08/12/2021	9:34:00	78783.10	394724.52	36.65	Soil	12,120	0.43
08/12/2021	9:34:01	78783.22	394724.54	36.64	Soil	11,520	0.01
08/12/2021	9:34:02	78783.15	394724.59	36.70	Soil	12,600	0.76
08/12/2021	9:34:03	78783.03	394724.43	36.77	Soil	11,460	-0.04
08/12/2021	9:34:04	78782.90	394724.11	36.78	Soil	11,820	0.22
08/12/2021	9:34:13	78782.15	394721.69	36.89	Soil	12,300	0.55
08/12/2021	9:34:14	78781.97	394721.42	36.83	Soil	12,780	0.89
08/12/2021	9:34:15	78781.91	394721.14	36.91	Soil	11,820	0.22
08/12/2021	9:34:16	78781.88	394720.84	36.92	Soil	11,700	0.13
08/12/2021	9:34:17	78781.77	394720.53	37.01	Soil	12,060	0.39
08/12/2021	9:34:18	78781.56	394720.30	37.03	Soil	11,580	0.05
08/12/2021	9:34:19	78781.30	394720.19	37.13	Soil	12,480	0.68
08/12/2021	9:35:25	78783.55	394724.43	35.75	Soil	11,760	0.18
08/12/2021	9:35:27	78783.53	394725.15	35.64	Soil	11,760	0.18
08/12/2021	9:35:28	78783.47	394725.40	35.54	Soil	9,420	-1.47
08/12/2021	9:35:29	78783.49	394725.69	35.59	Soil	12,660	0.81
08/12/2021	9:35:30	78783.63	394726.02	35.44	Soil	12,000	0.34
08/12/2021	9:35:31	78783.63	394726.38	35.46	Soil	10,800	-0.50
08/12/2021	9:35:32	78783.57	394726.61	35.56	Soil	10,140	-0.96
08/12/2021	9:35:33	78783.23	394726.61	35.34	Soil	11,520	0.01
08/12/2021	9:35:34	78783.15	394726.51	35.37	Soil	12,120	0.43
08/12/2021	9:35:35	78783.06	394726.56	35.72	Soil	12,360	0.60
08/12/2021	9:35:36	78782.91	394726.77	35.80	Soil	10,620	-0.62
08/12/2021	9:35:37	78782.94	394726.89	35.69	Soil	9,540	-1.38
08/12/2021	9:35:38	78783.12	394726.75	35.75	Soil	10,980	-0.37
08/12/2021	9:35:39	78783.31	394726.78	35.60	Soil	11,160	-0.25
08/12/2021	9:35:40	78783.55	394727.14	35.53	Soil	10,260	-0.88
08/12/2021	9:35:41	78783.72	394727.34	35.36	Soil	11,220	-0.20
08/12/2021	9:35:42	78783.74	394727.57	35.17	Soil	9,960	-1.09
08/12/2021	9:35:43	78783.74	394727.78	34.94	Soil	11,220	-0.20
08/12/2021	9:35:44	78783.80	394727.94	34.60	Soil	10,740	-0.54
08/12/2021	9:35:45	78783.69	394728.10	34.67	Soil	10,860	-0.46
08/12/2021	9:35:46	78783.63	394728.32	34.65	Soil	10,980	-0.37
08/12/2021	9:35:47	78783.46	394728.42	34.37	Soil	11,280	-0.16
08/12/2021	9:35:48	78783.26	394728.39	34.26	Soil	10,740	-0.54
08/12/2021	9:35:49	78782.97	394728.24	34.44	Soil	11,700	0.13
08/12/2021	9:35:50	78782.98	394727.92	34.11	Soil	11,280	-0.16
08/12/2021	9:35:51	78783.14	394727.68	34.01	Soil	9,900	-1.13
08/12/2021	9:35:52	78783.05	394727.82	33.96	Soil	12,600	0.76
08/12/2021	9:35:53	78783.02	394727.95	33.99	Soil	11,520	0.01
08/12/2021	9:35:54	78783.32	394728.03	33.98	Soil	10,740	-0.54
08/12/2021	9:35:55	78783.55	394728.26	33.91	Soil	12,240	0.51
08/12/2021	9:35:56	78783.48	394728.69	34.52	Soil	10,800	-0.50
08/12/2021	9:35:58	78783.68	394728.98	34.20	Soil	11,580	0.05
08/12/2021	9:35:59	78783.75	394729.00	34.15	Soil	9,900	-1.13
08/12/2021	9:36:00	78783.82	394729.05	34.10	Soil	11,340	-0.12
08/12/2021	9:36:03	78784.50	394729.15	34.40	Soil	9,780	-1.21
08/12/2021	9:36:19	78784.99	394729.39	32.78	Soil	9,780	-1.21
08/12/2021	9:36:20	78784.59	394729.40	32.59	Soil	10,740	-0.54

SU 7D GWS RESULTS
(SOIL)

08/12/2021	9:36:21	78784.30	394729.34	32.74	Soil	11,460	-0.04
08/12/2021	9:36:22	78784.07	394729.28	32.87	Soil	11,040	-0.33
08/12/2021	9:36:23	78783.89	394729.31	32.81	Soil	10,920	-0.41
08/12/2021	9:36:28	78782.76	394729.16	32.63	Soil	11,760	0.18
08/12/2021	9:36:29	78782.51	394729.15	32.74	Soil	10,320	-0.84
08/12/2021	9:36:30	78782.21	394729.14	32.80	Soil	10,620	-0.62
08/12/2021	9:36:31	78782.06	394729.28	32.78	Soil	11,100	-0.29
08/12/2021	9:36:32	78782.19	394729.37	32.90	Soil	12,120	0.43
08/12/2021	9:36:33	78782.33	394729.17	32.96	Soil	9,120	-1.68
08/12/2021	9:36:34	78782.26	394729.03	33.02	Soil	9,180	-1.64
08/12/2021	9:36:35	78782.20	394729.07	33.04	Soil	10,620	-0.62
08/12/2021	9:36:36	78782.14	394729.14	33.07	Soil	11,760	0.18
08/12/2021	9:36:37	78782.14	394729.21	33.19	Soil	11,040	-0.33
08/12/2021	9:36:38	78782.27	394729.39	33.07	Soil	10,560	-0.67
08/12/2021	9:36:39	78782.40	394729.47	33.31	Soil	10,800	-0.50
08/12/2021	9:36:40	78782.56	394729.47	33.21	Soil	13,200	1.19
08/12/2021	9:36:43	78783.35	394729.48	33.57	Soil	10,800	-0.50
08/12/2021	9:36:44	78783.63	394729.61	33.40	Soil	11,280	-0.16
08/12/2021	9:36:45	78783.95	394729.63	33.62	Soil	9,840	-1.17
08/12/2021	9:36:46	78784.24	394729.58	33.60	Soil	10,080	-1.00
08/12/2021	9:36:47	78784.50	394729.58	33.77	Soil	10,740	-0.54
08/12/2021	9:36:48	78784.80	394729.50	33.86	Soil	10,560	-0.67
08/12/2021	9:36:49	78785.14	394729.47	33.84	Soil	12,960	1.02
08/12/2021	9:36:53	78786.40	394729.62	34.15	Soil	10,980	-0.37
08/12/2021	9:36:54	78786.74	394729.64	34.22	Soil	12,660	0.81
08/12/2021	9:36:55	78786.67	394729.71	34.14	Soil	12,780	0.89
08/12/2021	9:36:58	78786.05	394729.64	34.29	Soil	10,320	-0.84
08/12/2021	9:37:11	78784.40	394728.78	33.17	Soil	10,800	-0.50
08/12/2021	9:37:12	78784.13	394728.83	33.25	Soil	9,600	-1.34
08/12/2021	9:37:13	78783.70	394728.87	33.05	Soil	10,440	-0.75
08/12/2021	9:37:14	78783.35	394728.97	32.76	Soil	11,280	-0.16
08/12/2021	9:37:15	78783.21	394728.93	32.67	Soil	11,040	-0.33
08/12/2021	9:37:16	78783.18	394729.02	32.48	Soil	11,340	-0.12
08/12/2021	9:37:19	78782.64	394729.66	32.88	Soil	10,560	-0.67
08/12/2021	9:37:20	78782.52	394729.86	32.43	Soil	10,080	-1.00
08/12/2021	9:37:21	78782.78	394729.89	32.57	Soil	10,500	-0.71
08/12/2021	9:37:22	78782.90	394729.90	32.34	Soil	10,800	-0.50
08/12/2021	9:37:23	78783.10	394729.95	32.40	Soil	10,380	-0.79
08/12/2021	9:37:24	78783.30	394729.94	32.23	Soil	12,480	0.68
08/12/2021	9:37:25	78783.52	394730.00	32.09	Soil	10,860	-0.46
08/12/2021	9:37:26	78783.73	394730.01	32.01	Soil	9,840	-1.17
08/12/2021	9:37:27	78783.89	394729.98	32.05	Soil	9,000	-1.76
08/12/2021	9:37:28	78784.11	394730.01	32.18	Soil	10,620	-0.62
08/12/2021	9:37:29	78784.39	394729.88	32.25	Soil	10,140	-0.96
08/12/2021	9:37:30	78784.70	394729.83	32.43	Soil	11,940	0.30
08/12/2021	9:37:31	78784.90	394729.78	32.33	Soil	10,740	-0.54
08/12/2021	9:37:32	78785.23	394729.73	32.51	Soil	12,060	0.39
08/12/2021	9:37:33	78785.54	394729.72	32.56	Soil	10,860	-0.46
08/12/2021	9:37:34	78785.83	394729.83	32.63	Soil	10,140	-0.96
08/12/2021	9:37:36	78786.44	394729.69	32.97	Soil	10,680	-0.58
08/12/2021	9:37:37	78786.73	394729.62	32.94	Soil	10,860	-0.46

SU 7D GWS RESULTS
(SOIL)

08/12/2021	9:37:38	78786.97	394729.72	33.00	Soil	11,700	0.13
08/12/2021	9:37:39	78787.09	394729.58	32.96	Soil	10,320	-0.84
08/12/2021	9:37:40	78787.09	394729.50	32.83	Soil	11,640	0.09
08/12/2021	9:37:41	78787.15	394729.40	32.72	Soil	11,580	0.05
08/12/2021	9:37:42	78787.29	394729.39	32.53	Soil	11,760	0.18
08/12/2021	9:37:43	78787.52	394729.50	32.72	Soil	10,800	-0.50
08/12/2021	9:37:44	78787.69	394729.54	32.66	Soil	10,860	-0.46
08/12/2021	9:37:45	78787.55	394729.59	32.69	Soil	10,320	-0.84
08/12/2021	9:37:46	78787.18	394729.57	32.61	Soil	9,060	-1.72
08/12/2021	9:37:47	78787.18	394729.47	32.47	Soil	10,260	-0.88
08/12/2021	9:38:03	78783.89	394728.98	33.26	Soil	10,740	-0.54
08/12/2021	9:38:04	78783.23	394729.39	34.02	Soil	11,040	-0.33
08/12/2021	9:38:05	78782.54	394729.78	34.54	Soil	8,820	-1.89
08/12/2021	9:38:06	78782.26	394730.16	35.07	Soil	10,560	-0.67
08/12/2021	9:38:07	78781.96	394730.58	35.64	Soil	10,800	-0.50
08/12/2021	9:38:23	78781.85	394730.82	35.42	Soil	10,800	-0.50
08/12/2021	9:38:24	78782.17	394730.74	35.39	Soil	11,280	-0.16
08/12/2021	9:38:25	78782.56	394730.67	35.40	Soil	9,480	-1.42
08/12/2021	9:38:26	78783.07	394730.46	35.55	Soil	10,980	-0.37
08/12/2021	9:38:27	78783.63	394730.33	35.07	Soil	11,100	-0.29
08/12/2021	9:38:28	78784.05	394730.07	35.00	Soil	11,160	-0.25
08/12/2021	9:38:29	78784.39	394730.06	34.83	Soil	11,400	-0.08
08/12/2021	9:38:30	78784.83	394729.91	34.26	Soil	11,400	-0.08
08/12/2021	9:38:31	78785.33	394729.86	34.25	Soil	9,960	-1.09
08/12/2021	9:38:32	78785.56	394729.78	34.30	Soil	10,260	-0.88
08/12/2021	9:38:33	78785.95	394729.88	34.25	Soil	10,860	-0.46
08/12/2021	9:38:48	78787.99	394730.83	33.32	Soil	9,060	-1.72
08/12/2021	9:38:53	78786.93	394730.50	32.72	Soil	11,460	-0.04
08/12/2021	9:38:54	78786.92	394730.43	32.52	Soil	11,460	-0.04
08/12/2021	9:38:55	78786.90	394730.34	32.48	Soil	10,740	-0.54
08/12/2021	9:38:56	78786.87	394730.34	32.21	Soil	10,020	-1.05
08/12/2021	9:38:57	78786.83	394730.17	32.08	Soil	9,960	-1.09
08/12/2021	9:38:58	78786.71	394730.27	32.03	Soil	11,280	-0.16
08/12/2021	9:38:59	78786.58	394730.32	32.03	Soil	11,400	-0.08
08/12/2021	9:39:00	78786.38	394730.38	31.88	Soil	10,920	-0.41
08/12/2021	9:39:02	78785.91	394730.17	31.70	Soil	8,340	-2.22
08/12/2021	9:39:03	78785.57	394729.95	31.69	Soil	9,660	-1.30
08/12/2021	9:39:04	78785.33	394729.90	31.70	Soil	9,900	-1.13
08/12/2021	9:39:05	78785.09	394729.73	31.93	Soil	9,480	-1.42
08/12/2021	9:39:06	78784.88	394729.67	32.12	Soil	10,680	-0.58
08/12/2021	9:39:07	78784.68	394729.71	32.13	Soil	9,240	-1.59
08/12/2021	9:39:08	78784.52	394730.01	32.21	Soil	9,960	-1.09
08/12/2021	9:39:09	78784.61	394729.96	32.03	Soil	10,920	-0.41
08/12/2021	9:39:10	78784.86	394729.73	31.93	Soil	11,760	0.18
08/12/2021	9:39:11	78785.00	394729.61	31.97	Soil	10,200	-0.92
08/12/2021	9:39:12	78785.13	394729.76	32.13	Soil	9,660	-1.30
08/12/2021	9:39:13	78785.22	394729.82	32.35	Soil	10,920	-0.41
08/12/2021	9:39:14	78785.32	394730.01	32.42	Soil	10,260	-0.88
08/12/2021	9:39:15	78785.46	394730.04	32.57	Soil	9,660	-1.30
08/12/2021	9:39:16	78785.48	394730.17	32.60	Soil	10,200	-0.92
08/12/2021	9:39:17	78785.59	394730.17	32.71	Soil	12,540	0.72

SU 7D GWS RESULTS
(SOIL)

08/12/2021	9:39:18	78785.71	394730.16	32.58	Soil	10,680	-0.58
08/12/2021	9:39:19	78785.93	394730.12	32.66	Soil	10,260	-0.88
08/12/2021	9:39:26	78787.41	394730.03	32.43	Soil	10,020	-1.05
08/12/2021	9:39:36	78787.66	394730.21	29.47	Soil	10,080	-1.00
08/12/2021	9:39:37	78787.43	394730.26	29.69	Soil	11,220	-0.20
08/12/2021	9:39:38	78787.18	394730.43	29.58	Soil	8,940	-1.80
08/12/2021	9:39:39	78786.85	394730.55	29.76	Soil	10,140	-0.96
08/12/2021	9:39:40	78786.49	394730.55	29.87	Soil	9,900	-1.13
08/12/2021	9:39:42	78785.83	394730.46	30.74	Soil	11,160	-0.25
08/12/2021	9:39:43	78785.54	394730.34	31.11	Soil	9,060	-1.72
08/12/2021	9:39:44	78785.32	394730.26	31.38	Soil	10,860	-0.46
08/12/2021	9:39:45	78785.06	394730.22	31.70	Soil	10,260	-0.88
08/12/2021	9:39:46	78784.70	394730.20	31.73	Soil	9,360	-1.51
08/12/2021	9:39:47	78784.35	394730.21	31.84	Soil	11,280	-0.16
08/12/2021	9:39:48	78784.05	394730.27	31.81	Soil	12,420	0.64
08/12/2021	9:39:49	78783.92	394730.43	31.84	Soil	11,820	0.22
08/12/2021	9:39:50	78783.98	394730.54	31.88	Soil	12,000	0.34
08/12/2021	9:39:51	78784.14	394730.51	31.99	Soil	11,220	-0.20
08/12/2021	9:39:52	78784.18	394730.45	31.98	Soil	11,280	-0.16
08/12/2021	9:39:53	78784.23	394730.46	32.24	Soil	10,320	-0.84
08/12/2021	9:39:54	78784.27	394730.45	32.57	Soil	11,280	-0.16
08/12/2021	9:39:55	78784.40	394730.47	32.52	Soil	8,760	-1.93
08/12/2021	9:39:56	78784.55	394730.35	32.81	Soil	10,680	-0.58
08/12/2021	9:39:57	78784.63	394730.46	32.92	Soil	9,600	-1.34
08/12/2021	9:39:58	78784.77	394730.42	33.17	Soil	11,520	0.01
08/12/2021	9:39:59	78784.90	394730.52	33.20	Soil	9,300	-1.55
08/12/2021	9:40:00	78785.01	394730.53	33.46	Soil	9,120	-1.68
08/12/2021	9:40:01	78785.09	394730.60	33.53	Soil	9,180	-1.64
08/12/2021	9:40:02	78785.13	394730.61	33.61	Soil	10,440	-0.75
08/12/2021	9:40:03	78785.07	394730.64	33.51	Soil	9,000	-1.76
08/12/2021	9:40:04	78785.02	394730.65	33.50	Soil	9,600	-1.34
08/12/2021	9:40:05	78784.99	394730.70	33.48	Soil	7,140	-3.07
08/12/2021	9:40:06	78784.96	394730.68	33.35	Soil	8,520	-2.10
08/12/2021	9:40:07	78784.94	394730.67	33.41	Soil	9,720	-1.26
08/12/2021	9:40:08	78784.93	394730.75	33.42	Soil	7,800	-2.60
08/12/2021	9:40:09	78784.97	394730.75	33.49	Soil	8,820	-1.89
08/12/2021	9:40:10	78785.04	394730.75	33.40	Soil	7,560	-2.77
08/12/2021	9:40:11	78785.29	394730.61	33.36	Soil	8,220	-2.31
08/12/2021	9:40:12	78785.40	394730.67	33.50	Soil	9,120	-1.68
08/12/2021	9:40:13	78785.36	394730.86	33.53	Soil	8,040	-2.44
08/12/2021	9:40:14	78785.40	394730.79	33.55	Soil	9,660	-1.30
08/12/2021	9:40:15	78785.43	394730.86	33.67	Soil	9,660	-1.30
08/12/2021	9:40:16	78785.42	394730.89	33.64	Soil	8,280	-2.27
08/12/2021	9:40:17	78785.44	394730.89	33.71	Soil	7,980	-2.48
08/12/2021	9:40:18	78785.53	394730.93	33.64	Soil	8,460	-2.14
08/12/2021	9:40:19	78785.64	394730.86	33.58	Soil	9,120	-1.68
08/12/2021	9:40:20	78785.89	394730.84	33.35	Soil	9,180	-1.64
08/12/2021	9:40:29	78787.21	394730.92	33.21	Soil	8,820	-1.89
08/12/2021	9:40:32	78787.70	394731.01	33.56	Soil	8,760	-1.93
08/12/2021	9:40:34	78788.15	394730.81	33.41	Soil	9,660	-1.30
08/12/2021	9:40:35	78788.21	394730.99	33.36	Soil	8,760	-1.93

SU 7D GWS RESULTS
(SOIL)

08/12/2021	9:40:39	78787.31	394730.84	32.72	Soil	9,780	-1.21
08/12/2021	9:40:50	78786.38	394730.58	32.19	Soil	10,740	-0.54
08/12/2021	9:40:52	78785.83	394730.80	33.58	Soil	10,200	-0.92
08/12/2021	9:41:29	78783.77	394730.36	34.46	Soil	11,040	-0.33
08/12/2021	9:41:30	78783.96	394729.38	34.64	Soil	11,040	-0.33
08/12/2021	9:41:31	78784.24	394728.91	34.80	Soil	10,980	-0.37
08/12/2021	9:41:32	78784.16	394728.68	34.53	Soil	9,000	-1.76
08/12/2021	9:41:36	78784.62	394727.05	34.39	Soil	11,820	0.22
08/12/2021	9:41:37	78784.42	394726.75	34.64	Soil	11,040	-0.33
08/12/2021	9:41:38	78784.39	394726.34	34.99	Soil	12,960	1.02
08/12/2021	9:41:39	78784.22	394725.98	35.11	Soil	11,280	-0.16
08/12/2021	9:41:40	78784.22	394725.67	35.07	Soil	11,520	0.01
08/12/2021	9:41:41	78783.94	394725.42	35.09	Soil	11,040	-0.33
08/12/2021	9:41:42	78783.99	394724.90	35.06	Soil	10,260	-0.88
08/12/2021	9:46:11	78779.37	394719.66	37.57	Soil	11,460	-0.04
08/12/2021	9:46:19	78779.00	394719.84	37.81	Soil	10,500	-0.71
08/12/2021	9:46:20	78779.03	394719.83	37.85	Soil	12,960	1.02
08/12/2021	9:46:21	78779.03	394719.84	37.86	Soil	12,060	0.39
08/12/2021	9:46:22	78779.07	394719.84	37.87	Soil	12,300	0.55
08/12/2021	9:46:23	78779.11	394719.83	37.89	Soil	11,220	-0.20
08/12/2021	9:46:24	78779.15	394719.84	37.90	Soil	11,820	0.22
08/12/2021	9:46:25	78779.18	394719.86	37.94	Soil	10,920	-0.41
08/12/2021	9:46:26	78779.20	394719.94	37.97	Soil	11,700	0.13
08/12/2021	9:46:27	78779.32	394719.88	37.75	Soil	10,260	-0.88
08/12/2021	9:46:34	78779.41	394719.66	38.31	Soil	11,820	0.22
08/12/2021	9:46:35	78779.26	394719.81	38.28	Soil	12,000	0.34
08/12/2021	9:46:36	78779.12	394720.00	38.40	Soil	11,820	0.22
08/12/2021	9:46:43	78779.00	394720.49	38.28	Soil	11,520	0.01
08/12/2021	9:46:44	78779.21	394720.59	38.31	Soil	11,400	-0.08
08/12/2021	9:46:45	78779.19	394720.56	38.23	Soil	13,080	1.10
08/12/2021	9:46:46	78779.25	394720.60	38.37	Soil	11,820	0.22
08/12/2021	9:46:47	78779.36	394720.32	38.21	Soil	12,240	0.51
08/12/2021	9:46:53	78780.62	394720.01	37.95	Soil	11,760	0.18
08/12/2021	9:46:54	78780.76	394719.81	37.73	Soil	13,020	1.06
08/12/2021	9:47:18	78782.06	394720.15	37.17	Soil	11,520	0.01
08/12/2021	9:47:20	78781.69	394720.15	36.74	Soil	10,620	-0.62
08/12/2021	9:47:36	78781.14	394720.15	36.67	Soil	11,580	0.05
08/12/2021	9:47:37	78781.00	394720.14	36.60	Soil	11,940	0.30
08/12/2021	9:47:38	78780.80	394720.19	36.70	Soil	11,700	0.13
08/12/2021	9:47:39	78780.71	394720.46	36.82	Soil	11,160	-0.25
08/12/2021	9:47:40	78780.64	394720.15	36.75	Soil	11,760	0.18
08/12/2021	9:47:41	78780.67	394720.44	36.87	Soil	11,160	-0.25
08/12/2021	9:47:42	78780.44	394720.52	36.98	Soil	12,600	0.76
08/12/2021	9:47:43	78780.16	394720.76	37.05	Soil	13,140	1.14
08/12/2021	9:47:44	78780.11	394721.17	36.89	Soil	10,260	-0.88
08/12/2021	9:47:45	78780.33	394721.05	37.08	Soil	12,120	0.43
08/12/2021	9:47:46	78780.44	394721.10	37.10	Soil	11,700	0.13
08/12/2021	9:47:47	78780.63	394721.34	37.44	Soil	12,120	0.43
08/12/2021	9:47:48	78780.65	394721.09	37.39	Soil	12,000	0.34
08/12/2021	9:47:49	78780.98	394720.83	37.24	Soil	12,720	0.85
08/12/2021	9:47:50	78781.38	394720.94	37.59	Soil	10,740	-0.54

SU 7D GWS RESULTS
(SOIL)

08/12/2021	9:47:51	78781.50	394720.59	37.68	Soil	12,540	0.72
08/12/2021	9:47:52	78781.85	394720.61	37.67	Soil	10,560	-0.67
08/12/2021	9:47:53	78782.08	394720.62	37.89	Soil	11,040	-0.33
08/13/2021	14:16:43	78775.12	394721.66	40.20	Soil	11,460	-0.04
08/13/2021	14:16:44	78775.32	394721.23	40.20	Soil	11,700	0.13
08/13/2021	14:16:45	78775.46	394720.76	40.18	Soil	12,960	1.02
08/13/2021	14:16:47	78775.93	394719.94	40.15	Soil	14,040	1.78
08/13/2021	14:16:48	78776.19	394719.43	40.14	Soil	13,260	1.23
08/13/2021	14:16:49	78776.48	394719.08	40.14	Soil	10,380	-0.79
08/13/2021	14:16:50	78776.65	394718.71	40.12	Soil	11,880	0.26
08/13/2021	14:16:51	78777.00	394718.38	40.08	Soil	10,440	-0.75
08/13/2021	14:16:52	78777.20	394718.06	40.07	Soil	11,940	0.30
08/13/2021	14:16:58	78778.77	394716.03	40.05	Soil	11,400	-0.08
08/13/2021	14:16:59	78779.01	394715.64	40.10	Soil	11,760	0.18
08/13/2021	14:17:41	78778.83	394715.69	39.96	Soil	12,780	0.89
08/13/2021	14:17:42	78778.61	394715.91	39.95	Soil	11,280	-0.16
08/13/2021	14:17:51	78778.61	394717.09	39.87	Soil	12,420	0.64
08/13/2021	14:17:52	78778.68	394716.97	39.89	Soil	11,940	0.30
08/13/2021	14:17:54	78778.83	394716.40	39.99	Soil	13,080	1.10
08/13/2021	14:17:55	78778.90	394716.12	39.88	Soil	12,300	0.55
08/13/2021	14:17:56	78779.13	394715.85	39.89	Soil	13,140	1.14
08/13/2021	14:17:57	78779.38	394715.75	39.95	Soil	13,020	1.06
08/13/2021	14:17:58	78779.53	394715.54	39.98	Soil	12,360	0.60
08/13/2021	14:18:18	78784.12	394714.84	40.21	Soil	11,520	0.01
08/13/2021	14:18:19	78784.26	394714.98	40.20	Soil	12,240	0.51
08/13/2021	14:18:21	78784.54	394715.43	40.02	Soil	16,260	3.33
08/13/2021	14:18:22	78784.65	394715.61	39.65	Soil	12,420	0.64
08/13/2021	14:18:23	78784.79	394715.90	39.59	Soil	13,380	1.31
08/13/2021	14:18:24	78784.56	394716.23	39.49	Soil	12,720	0.85
08/13/2021	14:18:25	78784.68	394716.25	39.50	Soil	13,620	1.48
08/13/2021	14:18:26	78784.74	394716.32	39.33	Soil	11,520	0.01
08/13/2021	14:18:27	78784.86	394716.47	39.20	Soil	13,020	1.06
08/13/2021	14:18:28	78784.73	394716.69	39.06	Soil	15,540	2.83
08/13/2021	14:18:32	78784.38	394717.36	38.59	Soil	15,180	2.58
08/13/2021	14:18:33	78784.06	394717.36	38.56	Soil	13,740	1.56
08/13/2021	14:18:34	78783.99	394717.51	38.51	Soil	15,300	2.66
08/13/2021	14:18:35	78783.69	394717.59	38.51	Soil	12,660	0.81
08/13/2021	14:18:36	78783.49	394717.82	38.52	Soil	14,040	1.78
08/13/2021	14:18:37	78783.18	394717.89	38.52	Soil	13,020	1.06
08/13/2021	14:18:38	78783.00	394718.03	38.55	Soil	13,620	1.48
08/13/2021	14:18:39	78782.69	394717.98	38.57	Soil	11,820	0.22
08/13/2021	14:18:40	78782.48	394718.15	38.54	Soil	10,860	-0.46
08/13/2021	14:18:41	78782.21	394718.20	38.54	Soil	14,160	1.86
08/13/2021	14:18:42	78781.99	394718.40	38.52	Soil	13,080	1.10
08/13/2021	14:18:43	78781.71	394718.40	38.53	Soil	11,940	0.30
08/13/2021	14:18:44	78781.52	394718.45	38.53	Soil	12,300	0.55
08/13/2021	14:18:45	78781.18	394718.37	38.61	Soil	11,940	0.30
08/13/2021	14:18:46	78780.85	394718.47	38.66	Soil	13,080	1.10
08/13/2021	14:18:47	78780.49	394718.42	38.69	Soil	11,700	0.13
08/13/2021	14:18:48	78780.24	394718.41	38.82	Soil	11,400	-0.08
08/13/2021	14:18:49	78779.90	394718.58	38.78	Soil	12,600	0.76

SU 7D GWS RESULTS
(SOIL)

08/13/2021	14:18:50	78779.85	394718.43	38.72	Soil	12,840	0.93
08/13/2021	14:18:51	78779.99	394718.36	38.72	Soil	12,300	0.55
08/13/2021	14:18:52	78780.16	394718.44	38.62	Soil	12,960	1.02
08/13/2021	14:18:53	78780.39	394718.37	38.66	Soil	11,280	-0.16
08/13/2021	14:18:54	78780.71	394718.43	38.63	Soil	10,920	-0.41
08/13/2021	14:18:55	78780.92	394718.35	38.62	Soil	13,200	1.19
08/13/2021	14:18:56	78781.26	394718.33	38.62	Soil	12,720	0.85
08/13/2021	14:18:57	78781.48	394718.34	38.63	Soil	13,740	1.56
08/13/2021	14:18:58	78781.82	394718.27	38.60	Soil	14,820	2.32
08/13/2021	14:18:59	78782.11	394718.12	38.60	Soil	14,460	2.07
08/13/2021	14:19:00	78782.38	394718.03	38.55	Soil	14,460	2.07
08/13/2021	14:19:01	78782.60	394717.95	38.59	Soil	10,980	-0.37
08/13/2021	14:19:02	78782.90	394717.93	38.55	Soil	12,780	0.89
08/13/2021	14:19:03	78783.03	394717.78	38.58	Soil	14,340	1.99
08/13/2021	14:19:04	78783.38	394717.76	38.60	Soil	14,640	2.20
08/13/2021	14:19:05	78783.58	394717.65	38.60	Soil	14,700	2.24
08/13/2021	14:19:06	78783.77	394717.56	38.65	Soil	15,180	2.58
08/13/2021	14:19:07	78783.89	394717.45	38.82	Soil	14,040	1.78
08/13/2021	14:19:08	78784.19	394717.31	38.96	Soil	13,560	1.44
08/13/2021	14:19:10	78784.48	394716.70	39.22	Soil	13,560	1.44
08/13/2021	14:19:11	78784.75	394716.76	39.49	Soil	14,640	2.20
08/13/2021	14:19:12	78784.75	394716.39	39.57	Soil	15,180	2.58
08/13/2021	14:19:13	78784.58	394716.23	39.51	Soil	13,500	1.40
08/13/2021	14:19:14	78784.45	394716.06	39.66	Soil	14,760	2.28
08/13/2021	14:19:15	78784.24	394715.91	39.63	Soil	13,860	1.65
08/13/2021	14:19:20	78783.54	394715.06	39.84	Soil	14,100	1.82
08/13/2021	14:19:21	78783.44	394714.90	39.91	Soil	15,360	2.70
08/13/2021	14:19:22	78783.27	394714.82	39.94	Soil	16,020	3.16
08/13/2021	14:19:23	78783.08	394714.57	39.87	Soil	13,680	1.52
08/13/2021	14:19:24	78782.84	394714.51	39.85	Soil	13,140	1.14
08/13/2021	14:19:36	78779.46	394715.52	39.90	Soil	12,480	0.68
08/13/2021	14:19:37	78779.08	394715.78	39.89	Soil	11,460	-0.04
08/13/2021	14:19:43	78778.36	394717.01	39.59	Soil	11,760	0.18
08/13/2021	14:19:45	78777.96	394717.44	39.87	Soil	10,980	-0.37
08/13/2021	14:19:49	78777.30	394718.00	40.01	Soil	12,240	0.51
08/13/2021	14:19:50	78777.29	394718.23	39.92	Soil	10,380	-0.79
08/13/2021	14:19:51	78777.00	394718.38	40.02	Soil	11,700	0.13
08/13/2021	14:19:52	78776.79	394718.70	40.03	Soil	12,120	0.43
08/13/2021	14:19:53	78776.68	394718.95	40.00	Soil	12,480	0.68
08/13/2021	14:19:54	78776.43	394719.23	40.04	Soil	11,220	-0.20
08/13/2021	14:19:55	78776.33	394719.49	40.03	Soil	14,100	1.82
08/13/2021	14:19:56	78776.12	394719.68	40.03	Soil	12,660	0.81
08/13/2021	14:19:57	78775.94	394719.97	40.04	Soil	10,800	-0.50
08/13/2021	14:20:00	78775.39	394720.73	39.95	Soil	12,840	0.93
08/13/2021	14:20:01	78775.34	394721.01	39.84	Soil	13,260	1.23
08/13/2021	14:20:02	78775.30	394721.23	39.79	Soil	13,500	1.40
08/13/2021	14:20:03	78775.60	394721.30	39.70	Soil	12,180	0.47
08/13/2021	14:20:04	78775.84	394721.13	39.63	Soil	12,360	0.60
08/13/2021	14:20:05	78776.03	394721.05	39.46	Soil	11,820	0.22
08/13/2021	14:20:06	78776.12	394720.94	39.32	Soil	13,440	1.35
08/13/2021	14:20:07	78776.31	394720.68	39.40	Soil	12,600	0.76

SU 7D GWS RESULTS
(SOIL)

08/13/2021	14:20:10	78776.99	394719.88	39.51	Soil	13,260	1.23
08/13/2021	14:20:11	78777.16	394719.62	39.47	Soil	14,100	1.82
08/13/2021	14:20:12	78777.15	394719.40	39.56	Soil	14,580	2.15
08/13/2021	14:20:13	78777.31	394719.17	39.52	Soil	13,560	1.44
08/13/2021	14:20:14	78777.48	394718.90	39.52	Soil	12,360	0.60
08/13/2021	14:20:15	78777.86	394718.36	39.39	Soil	12,120	0.43
08/13/2021	14:20:16	78777.84	394718.21	39.31	Soil	12,300	0.55
08/13/2021	14:20:17	78777.94	394718.09	39.42	Soil	11,880	0.26
08/13/2021	14:20:18	78778.00	394718.33	39.34	Soil	13,980	1.73
08/13/2021	14:20:19	78777.91	394718.54	39.36	Soil	13,620	1.48
08/13/2021	14:20:20	78777.82	394718.91	39.26	Soil	11,760	0.18
08/13/2021	14:20:21	78777.67	394719.12	39.24	Soil	13,860	1.65
08/13/2021	14:20:22	78777.64	394719.40	39.12	Soil	13,200	1.19
08/13/2021	14:20:23	78777.47	394719.51	39.12	Soil	13,440	1.35
08/13/2021	14:20:24	78777.41	394719.92	39.09	Soil	11,340	-0.12
08/13/2021	14:20:30	78777.49	394720.65	38.97	Soil	11,520	0.01
08/13/2021	14:20:31	78777.22	394720.80	39.04	Soil	13,620	1.48
08/13/2021	14:20:32	78777.20	394720.95	38.98	Soil	14,040	1.78
08/13/2021	14:20:33	78777.13	394720.91	38.99	Soil	13,200	1.19
08/13/2021	14:20:34	78777.27	394720.95	38.99	Soil	12,000	0.34
08/13/2021	14:20:35	78777.11	394720.83	39.08	Soil	13,560	1.44
08/13/2021	14:20:36	78776.94	394720.75	39.14	Soil	13,020	1.06
08/13/2021	14:20:37	78776.90	394720.76	39.10	Soil	11,160	-0.25
08/13/2021	14:20:38	78776.63	394720.89	39.12	Soil	11,760	0.18
08/13/2021	14:20:39	78776.60	394721.10	39.18	Soil	10,440	-0.75
08/13/2021	14:20:40	78776.65	394721.14	39.13	Soil	13,200	1.19
08/13/2021	14:20:41	78776.61	394720.85	39.13	Soil	11,880	0.26
08/13/2021	14:20:42	78776.57	394720.39	39.05	Soil	12,120	0.43
08/13/2021	14:20:43	78776.62	394720.25	39.06	Soil	11,580	0.05
08/13/2021	14:20:44	78776.39	394719.96	39.03	Soil	12,780	0.89
08/13/2021	14:20:45	78776.39	394719.98	39.12	Soil	12,480	0.68
08/13/2021	14:20:46	78776.38	394719.99	39.22	Soil	11,160	-0.25
08/13/2021	14:20:48	78777.00	394719.79	39.23	Soil	13,620	1.48
08/13/2021	14:20:49	78777.12	394719.57	39.18	Soil	13,440	1.35
08/13/2021	14:20:50	78776.70	394719.44	39.13	Soil	11,940	0.30
08/13/2021	14:20:51	78776.60	394719.66	39.10	Soil	11,580	0.05
08/13/2021	14:20:52	78776.57	394719.78	39.06	Soil	12,480	0.68
08/13/2021	14:20:55	78776.81	394719.76	39.21	Soil	10,920	-0.41
08/13/2021	14:20:56	78777.28	394719.63	39.02	Soil	14,580	2.15
08/13/2021	14:20:57	78777.34	394719.61	38.99	Soil	12,120	0.43
08/13/2021	14:20:58	78777.54	394719.76	38.96	Soil	12,240	0.51
08/13/2021	14:20:59	78777.56	394719.88	38.89	Soil	13,440	1.35
08/13/2021	14:21:06	78777.38	394720.69	38.80	Soil	11,280	-0.16
08/13/2021	14:21:25	78777.75	394719.91	38.77	Soil	13,140	1.14
08/13/2021	14:21:29	78777.41	394720.65	38.82	Soil	12,180	0.47
08/13/2021	14:21:30	78777.20	394720.79	38.95	Soil	12,540	0.72
08/13/2021	14:21:31	78777.09	394720.93	38.98	Soil	11,040	-0.33
08/13/2021	14:21:32	78776.82	394720.93	38.95	Soil	11,880	0.26
08/13/2021	14:21:33	78776.74	394721.02	38.98	Soil	14,220	1.90
08/13/2021	14:21:34	78776.50	394721.17	39.04	Soil	14,160	1.86
08/13/2021	14:21:35	78776.56	394721.15	39.23	Soil	12,960	1.02

SU 7D GWS RESULTS
(SOIL)

08/13/2021	14:21:36	78776.24	394720.90	39.39	Soil	13,980	1.73
08/13/2021	14:21:37	78776.03	394721.02	39.35	Soil	12,900	0.98
08/13/2021	14:21:38	78776.02	394721.17	39.35	Soil	14,580	2.15
08/13/2021	14:21:40	78775.86	394720.91	39.69	Soil	11,820	0.22
08/13/2021	14:21:41	78775.81	394720.54	39.66	Soil	13,260	1.23
08/13/2021	14:21:42	78775.86	394720.51	39.60	Soil	12,300	0.55
08/13/2021	14:21:43	78776.02	394720.39	39.59	Soil	11,460	-0.04
08/13/2021	14:21:44	78776.16	394720.32	39.55	Soil	12,900	0.98
08/13/2021	14:21:45	78776.20	394720.23	39.57	Soil	11,160	-0.25
08/13/2021	14:21:46	78776.36	394720.09	39.53	Soil	13,380	1.31
08/13/2021	14:21:47	78776.43	394719.75	39.57	Soil	12,300	0.55
08/13/2021	14:21:48	78776.60	394719.62	39.55	Soil	10,680	-0.58
08/13/2021	14:21:49	78776.63	394719.36	39.54	Soil	13,020	1.06
08/13/2021	14:21:50	78776.69	394719.21	39.49	Soil	12,300	0.55
08/13/2021	14:21:51	78776.82	394719.12	39.51	Soil	13,680	1.52
08/13/2021	14:21:52	78776.99	394719.01	39.37	Soil	10,500	-0.71
08/13/2021	14:21:53	78777.08	394718.83	39.34	Soil	11,760	0.18
08/13/2021	14:21:54	78777.48	394718.52	39.43	Soil	10,500	-0.71
08/13/2021	14:21:55	78777.55	394718.53	39.34	Soil	12,660	0.81
08/13/2021	14:21:55	78777.47	394718.57	39.19	Soil	12,840	0.93
08/13/2021	14:21:57	78777.65	394718.55	39.13	Soil	11,940	0.30
08/13/2021	14:21:58	78777.74	394718.59	39.02	Soil	11,820	0.22
08/13/2021	14:21:59	78777.67	394718.69	38.86	Soil	12,300	0.55
08/13/2021	14:22:00	78777.80	394718.85	38.75	Soil	13,680	1.52
08/13/2021	14:22:00	78777.81	394719.09	38.72	Soil	13,620	1.48
08/13/2021	14:22:01	78777.92	394719.06	38.69	Soil	12,540	0.72
08/13/2021	14:22:03	78778.01	394719.23	38.65	Soil	12,960	1.02
08/13/2021	14:22:06	78778.22	394719.61	38.49	Soil	11,340	-0.12
08/13/2021	14:22:09	78778.38	394719.69	38.49	Soil	12,480	0.68
08/13/2021	14:22:10	78778.50	394719.66	38.51	Soil	12,540	0.72
08/13/2021	14:22:11	78778.68	394719.76	38.40	Soil	12,540	0.72
08/13/2021	14:22:11	78779.07	394719.09	38.47	Soil	11,820	0.22
08/13/2021	14:22:12	78779.33	394719.00	38.54	Soil	13,320	1.27
08/13/2021	14:22:14	78779.40	394718.60	38.61	Soil	12,180	0.47
08/13/2021	14:22:14	78779.59	394718.22	38.75	Soil	12,300	0.55
08/13/2021	14:22:21	78779.76	394716.03	39.35	Soil	13,260	1.23
08/13/2021	14:22:22	78779.93	394715.95	39.37	Soil	13,860	1.65
08/13/2021	14:22:23	78780.14	394715.93	39.38	Soil	14,640	2.20
08/13/2021	14:22:25	78780.41	394715.72	39.43	Soil	12,720	0.85
08/13/2021	14:22:26	78780.69	394715.58	39.44	Soil	12,480	0.68
08/13/2021	14:22:31	78782.34	394715.15	39.51	Soil	14,820	2.32
08/13/2021	14:22:33	78783.11	394714.84	39.59	Soil	13,620	1.48
08/13/2021	14:22:35	78783.10	394714.87	39.59	Soil	14,460	2.07
08/13/2021	14:22:35	78783.34	394714.68	39.49	Soil	15,060	2.49
08/13/2021	14:22:36	78783.36	394714.79	39.39	Soil	15,540	2.83
08/13/2021	14:22:37	78783.31	394715.02	39.32	Soil	14,580	2.15
08/13/2021	14:22:39	78782.85	394715.04	39.30	Soil	14,940	2.41
08/13/2021	14:22:39	78782.76	394715.18	39.27	Soil	15,540	2.83
08/13/2021	14:22:41	78782.42	394715.27	39.30	Soil	13,740	1.56
08/13/2021	14:22:46	78781.10	394715.48	39.39	Soil	13,860	1.65
08/13/2021	14:22:47	78780.78	394715.68	39.36	Soil	14,580	2.15

SU 7D GWS RESULTS
(SOIL)

08/13/2021	14:22:48	78780.45	394715.82	39.37	Soil	11,220	-0.20
08/13/2021	14:22:49	78780.17	394716.01	39.35	Soil	11,940	0.30
08/13/2021	14:22:58	78780.49	394716.46	39.29	Soil	13,080	1.10
08/13/2021	14:22:59	78780.64	394716.21	39.30	Soil	13,020	1.06
08/13/2021	14:23:00	78781.00	394716.15	39.28	Soil	13,260	1.23
08/13/2021	14:23:01	78781.24	394715.96	39.30	Soil	15,240	2.62
08/13/2021	14:23:02	78781.59	394715.89	39.32	Soil	12,000	0.34
08/13/2021	14:23:03	78781.76	394715.67	39.33	Soil	14,760	2.28
08/13/2021	14:23:06	78782.67	394715.29	39.55	Soil	14,580	2.15
08/13/2021	14:23:07	78783.03	394715.25	39.55	Soil	14,400	2.03
08/13/2021	14:23:08	78783.39	394715.27	39.62	Soil	14,100	1.82
08/13/2021	14:23:09	78783.38	394715.22	39.82	Soil	13,440	1.35
08/13/2021	14:23:10	78783.26	394714.95	39.88	Soil	13,140	1.14
08/13/2021	14:23:11	78783.54	394714.80	39.88	Soil	12,840	0.93
08/13/2021	14:23:12	78783.51	394714.73	39.89	Soil	14,100	1.82
08/13/2021	14:23:13	78783.79	394714.81	39.90	Soil	13,620	1.48
08/13/2021	14:23:14	78784.02	394714.95	39.88	Soil	12,840	0.93
08/13/2021	14:23:15	78784.00	394714.99	39.62	Soil	11,100	-0.29
08/13/2021	14:23:21	78783.88	394715.22	39.49	Soil	13,680	1.52
08/13/2021	14:23:22	78783.55	394715.23	39.34	Soil	12,840	0.93
08/13/2021	14:23:23	78782.97	394715.13	39.37	Soil	14,640	2.20
08/13/2021	14:23:24	78782.92	394715.41	39.31	Soil	13,860	1.65
08/13/2021	14:23:25	78782.55	394715.58	39.28	Soil	13,200	1.19
08/13/2021	14:23:26	78782.24	394715.83	39.26	Soil	13,140	1.14
08/13/2021	14:23:27	78781.82	394715.88	39.30	Soil	13,620	1.48
08/13/2021	14:23:28	78781.64	394716.10	39.23	Soil	12,720	0.85
08/13/2021	14:23:29	78781.26	394716.13	39.21	Soil	12,120	0.43
08/13/2021	14:23:30	78780.98	394716.34	39.18	Soil	12,960	1.02
08/13/2021	14:23:31	78780.59	394716.39	39.26	Soil	11,880	0.26
08/13/2021	14:23:37	78778.71	394717.55	39.14	Soil	12,360	0.60
08/13/2021	14:23:38	78778.82	394717.68	39.02	Soil	12,240	0.51
08/13/2021	14:23:39	78778.68	394717.81	38.96	Soil	10,800	-0.50
08/13/2021	14:23:40	78779.05	394718.08	38.92	Soil	12,060	0.39
08/13/2021	14:23:41	78779.27	394717.89	39.08	Soil	12,960	1.02
08/13/2021	14:23:46	78780.56	394716.72	39.15	Soil	13,260	1.23
08/13/2021	14:23:47	78780.91	394716.59	39.15	Soil	13,920	1.69
08/13/2021	14:23:48	78781.22	394716.52	39.14	Soil	15,720	2.95
08/13/2021	14:23:49	78781.53	394716.39	39.09	Soil	13,740	1.56
08/13/2021	14:23:50	78781.74	394716.31	39.09	Soil	13,500	1.40
08/13/2021	14:23:51	78782.28	394716.16	39.20	Soil	15,420	2.74
08/13/2021	14:23:52	78782.45	394715.92	39.15	Soil	15,780	3.00
08/13/2021	14:23:55	78783.48	394715.36	39.50	Soil	12,840	0.93
08/13/2021	14:23:56	78783.56	394715.33	39.47	Soil	14,160	1.86
08/13/2021	14:23:58	78783.86	394715.29	39.52	Soil	13,380	1.31
08/13/2021	14:24:01	78783.51	394715.42	39.12	Soil	14,940	2.41
08/13/2021	14:24:04	78782.56	394716.15	39.04	Soil	14,160	1.86
08/13/2021	14:24:05	78782.03	394716.25	39.04	Soil	13,500	1.40
08/13/2021	14:24:06	78781.77	394716.58	39.08	Soil	12,180	0.47
08/13/2021	14:24:07	78781.36	394716.64	39.11	Soil	10,980	-0.37
08/13/2021	14:24:08	78781.03	394716.85	39.07	Soil	12,240	0.51
08/13/2021	14:24:09	78780.64	394716.94	39.07	Soil	11,520	0.01

SU 7D GWS RESULTS
(SOIL)

08/13/2021	14:24:14	78779.13	394717.86	38.93	Soil	11,820	0.22
08/13/2021	14:24:15	78779.15	394718.08	38.80	Soil	12,120	0.43
08/13/2021	14:24:16	78779.29	394718.35	38.75	Soil	13,080	1.10
08/13/2021	14:24:17	78779.41	394718.20	38.76	Soil	12,900	0.98
08/13/2021	14:24:18	78779.67	394718.06	38.79	Soil	13,200	1.19
08/13/2021	14:24:19	78779.86	394717.79	38.81	Soil	13,860	1.65
08/13/2021	14:24:20	78780.41	394717.70	38.82	Soil	12,540	0.72
08/13/2021	14:24:21	78780.66	394717.51	38.82	Soil	13,800	1.61
08/13/2021	14:24:22	78781.08	394717.34	38.85	Soil	12,180	0.47
08/13/2021	14:24:23	78781.36	394717.13	38.86	Soil	12,360	0.60
08/13/2021	14:24:24	78781.66	394716.89	38.86	Soil	13,020	1.06
08/13/2021	14:24:25	78781.91	394716.77	38.87	Soil	15,480	2.79
08/13/2021	14:24:26	78782.46	394716.61	38.90	Soil	15,780	3.00
08/13/2021	14:24:27	78782.83	394716.43	38.96	Soil	16,320	3.38
08/13/2021	14:24:28	78783.10	394716.24	39.05	Soil	14,280	1.94
08/13/2021	14:24:29	78783.30	394716.13	39.12	Soil	14,160	1.86
08/13/2021	14:24:30	78783.31	394715.95	39.10	Soil	13,440	1.35
08/13/2021	14:24:33	78783.84	394715.94	39.04	Soil	13,020	1.06
08/13/2021	14:24:34	78784.02	394716.02	38.91	Soil	12,300	0.55
08/13/2021	14:24:35	78783.64	394716.07	38.91	Soil	16,200	3.29
08/13/2021	14:24:36	78783.57	394716.31	38.86	Soil	13,920	1.69
08/13/2021	14:24:37	78783.14	394716.36	38.86	Soil	16,080	3.21
08/13/2021	14:24:38	78782.90	394716.54	38.83	Soil	12,600	0.76
08/13/2021	14:24:39	78782.59	394716.65	38.87	Soil	13,440	1.35
08/13/2021	14:24:40	78782.21	394716.78	38.87	Soil	12,600	0.76
08/13/2021	14:24:41	78781.87	394716.99	38.90	Soil	10,740	-0.54
08/13/2021	14:24:42	78781.60	394717.07	38.86	Soil	13,080	1.10
08/13/2021	14:24:43	78781.35	394717.13	38.90	Soil	13,200	1.19
08/13/2021	14:24:44	78781.10	394717.24	38.87	Soil	12,060	0.39
08/13/2021	14:24:45	78780.79	394717.16	38.89	Soil	12,060	0.39
08/13/2021	14:24:46	78780.47	394717.53	38.83	Soil	11,880	0.26
08/13/2021	14:24:50	78779.24	394717.85	38.88	Soil	12,180	0.47
08/13/2021	14:24:51	78779.11	394717.96	38.82	Soil	12,120	0.43
08/13/2021	14:24:52	78778.91	394718.20	38.82	Soil	12,240	0.51
08/13/2021	14:24:53	78778.83	394718.32	38.78	Soil	13,920	1.69
08/13/2021	14:24:54	78778.95	394718.45	38.69	Soil	13,740	1.56
08/13/2021	14:24:55	78779.34	394718.41	38.65	Soil	13,380	1.31
08/13/2021	14:24:56	78779.59	394718.19	38.71	Soil	9,600	-1.34
08/13/2021	14:24:57	78780.09	394718.05	38.70	Soil	10,500	-0.71
08/13/2021	14:24:58	78780.49	394717.84	38.73	Soil	11,760	0.18
08/13/2021	14:24:59	78780.83	394717.69	38.70	Soil	13,080	1.10
08/13/2021	14:25:00	78781.15	394717.59	38.69	Soil	12,420	0.64
08/13/2021	14:25:01	78781.45	394717.40	38.69	Soil	11,460	-0.04
08/13/2021	14:25:02	78781.79	394717.36	38.68	Soil	12,900	0.98
08/13/2021	14:25:03	78782.03	394717.12	38.68	Soil	14,280	1.94
08/13/2021	14:25:04	78782.46	394717.07	38.76	Soil	14,040	1.78
08/13/2021	14:25:05	78782.69	394716.79	38.81	Soil	15,120	2.53
08/13/2021	14:25:07	78783.33	394716.52	38.87	Soil	13,680	1.52
08/13/2021	14:25:08	78783.77	394716.27	39.00	Soil	13,380	1.31
08/13/2021	14:25:09	78783.86	394716.19	38.95	Soil	13,560	1.44
08/13/2021	14:25:10	78784.07	394716.01	38.97	Soil	14,820	2.32

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(SOIL)

08/13/2021	14:25:11	78784.25	394716.16	38.97	Soil	16,860	3.75
08/13/2021	14:25:12	78784.06	394716.29	38.79	Soil	14,400	2.03
08/13/2021	14:25:13	78783.85	394716.46	38.78	Soil	14,160	1.86
08/13/2021	14:25:14	78783.47	394716.33	38.76	Soil	13,680	1.52
08/13/2021	14:25:15	78783.48	394716.62	38.76	Soil	15,060	2.49
08/13/2021	14:25:17	78782.94	394716.94	38.74	Soil	12,960	1.02
08/13/2021	14:25:18	78782.46	394717.07	38.79	Soil	12,480	0.68
08/13/2021	14:25:19	78782.11	394717.25	38.78	Soil	13,800	1.61
08/13/2021	14:25:20	78781.83	394717.32	38.78	Soil	13,860	1.65
08/13/2021	14:25:21	78781.49	394717.43	38.81	Soil	14,820	2.32
08/13/2021	14:25:22	78781.22	394717.47	38.80	Soil	12,420	0.64
08/13/2021	14:25:23	78780.85	394717.54	38.80	Soil	10,140	-0.96
08/13/2021	14:25:24	78780.58	394717.70	38.81	Soil	11,400	-0.08
08/13/2021	14:25:25	78780.02	394717.83	38.85	Soil	12,420	0.64
08/13/2021	14:25:26	78779.71	394717.99	38.86	Soil	13,500	1.40
08/13/2021	14:25:27	78779.49	394718.12	38.86	Soil	11,580	0.05
08/13/2021	14:25:28	78779.23	394718.38	38.87	Soil	12,360	0.60
08/13/2021	14:25:29	78779.12	394718.65	38.61	Soil	15,120	2.53
08/13/2021	14:25:30	78779.41	394718.78	38.59	Soil	12,840	0.93
08/13/2021	14:25:31	78779.75	394718.83	38.59	Soil	15,000	2.45
08/13/2021	14:25:32	78780.08	394718.52	38.54	Soil	11,280	-0.16
08/13/2021	14:25:33	78780.55	394718.46	38.54	Soil	12,480	0.68
08/13/2021	14:25:34	78780.81	394718.22	38.59	Soil	13,020	1.06
08/13/2021	14:25:35	78781.31	394718.04	38.59	Soil	12,000	0.34
08/13/2021	14:25:36	78781.53	394717.96	38.61	Soil	12,420	0.64
08/13/2021	14:25:37	78781.90	394717.83	38.61	Soil	13,320	1.27
08/13/2021	14:25:38	78782.16	394717.75	38.57	Soil	12,240	0.51
08/13/2021	14:25:39	78782.49	394717.66	38.55	Soil	15,300	2.66
08/13/2021	14:25:40	78782.82	394717.57	38.62	Soil	15,180	2.58
08/13/2021	14:25:41	78783.22	394717.45	38.65	Soil	12,480	0.68
08/13/2021	14:25:42	78783.46	394717.17	38.75	Soil	14,640	2.20
08/13/2021	14:25:43	78783.92	394716.98	38.75	Soil	13,740	1.56
08/13/2021	14:25:46	78784.35	394716.71	38.84	Soil	14,880	2.36
08/13/2021	14:25:46	78784.36	394716.87	38.79	Soil	14,040	1.78
08/13/2021	14:25:48	78783.95	394717.03	38.52	Soil	15,000	2.45
08/13/2021	14:25:49	78783.59	394717.24	38.52	Soil	16,800	3.71
08/13/2021	14:25:50	78783.24	394717.35	38.54	Soil	12,420	0.64
08/13/2021	14:25:51	78782.90	394717.57	38.58	Soil	11,460	-0.04
08/13/2021	14:25:52	78782.55	394717.72	38.58	Soil	14,040	1.78
08/13/2021	14:25:54	78782.19	394717.91	38.58	Soil	13,080	1.10
08/13/2021	14:25:54	78781.84	394718.02	38.58	Soil	12,720	0.85
08/13/2021	14:25:55	78781.53	394718.05	38.43	Soil	12,720	0.85
08/13/2021	14:25:56	78781.12	394718.40	38.44	Soil	12,480	0.68
08/13/2021	14:25:58	78780.83	394718.64	38.53	Soil	12,780	0.89
08/13/2021	14:25:58	78780.27	394718.84	38.53	Soil	13,680	1.52
08/13/2021	14:25:59	78780.04	394719.24	38.58	Soil	13,080	1.10
08/13/2021	14:26:00	78779.64	394719.40	38.42	Soil	13,860	1.65
08/13/2021	14:26:01	78779.71	394719.57	38.42	Soil	12,420	0.64
08/13/2021	14:26:02	78779.74	394719.96	38.37	Soil	15,420	2.74
08/13/2021	14:26:03	78780.04	394719.91	38.33	Soil	13,020	1.06
08/13/2021	14:26:04	78780.25	394719.70	38.24	Soil	12,540	0.72

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(SOIL)

08/13/2021	14:26:05	78780.53	394719.60	38.15	Soil	14,520	2.11
08/13/2021	14:26:06	78780.79	394719.39	38.15	Soil	12,420	0.64
08/13/2021	14:26:31	78783.20	394718.19	38.32	Soil	12,600	0.76
08/13/2021	14:26:32	78783.02	394718.38	38.33	Soil	13,200	1.19
08/13/2021	14:26:33	78782.61	394718.40	38.34	Soil	12,420	0.64
08/13/2021	14:26:34	78782.39	394718.55	38.28	Soil	13,740	1.56
08/13/2021	14:26:35	78782.00	394718.68	38.28	Soil	11,220	-0.20
08/13/2021	14:26:36	78781.69	394718.90	38.23	Soil	13,080	1.10
08/13/2021	14:26:37	78781.35	394719.00	38.16	Soil	12,660	0.81
08/13/2021	14:27:18	78792.76	394727.74	37.17	Soil	10,260	-0.88
08/13/2021	14:27:19	78792.77	394728.06	37.11	Soil	12,000	0.34
08/13/2021	14:27:20	78792.72	394728.33	37.03	Soil	11,340	-0.12
08/13/2021	14:27:21	78792.73	394728.66	37.02	Soil	10,440	-0.75
08/13/2021	14:27:22	78792.59	394729.02	37.02	Soil	11,400	-0.08
08/13/2021	14:27:23	78792.70	394729.18	36.98	Soil	11,100	-0.29
08/13/2021	14:27:24	78792.62	394729.41	36.94	Soil	11,340	-0.12
08/13/2021	14:27:25	78792.57	394729.62	36.92	Soil	11,400	-0.08
08/13/2021	14:27:26	78792.71	394729.80	36.87	Soil	12,300	0.55
08/13/2021	14:27:27	78792.65	394730.12	36.80	Soil	11,040	-0.33
08/13/2021	14:27:28	78792.78	394730.22	36.74	Soil	12,840	0.93
08/13/2021	14:27:29	78792.77	394730.61	36.71	Soil	11,700	0.13
08/13/2021	14:27:30	78792.75	394730.46	36.58	Soil	9,540	-1.38
08/13/2021	14:27:31	78792.39	394730.54	36.59	Soil	11,700	0.13
08/13/2021	14:27:32	78792.50	394730.53	36.69	Soil	13,440	1.35
08/13/2021	14:27:33	78792.66	394730.37	36.76	Soil	10,980	-0.37
08/13/2021	14:27:34	78792.80	394730.22	36.84	Soil	10,740	-0.54
08/13/2021	14:27:35	78792.76	394730.10	36.87	Soil	10,260	-0.88
08/13/2021	14:27:36	78792.87	394729.88	36.98	Soil	10,860	-0.46
08/13/2021	14:27:37	78792.91	394729.67	36.99	Soil	11,400	-0.08
08/13/2021	14:27:38	78793.01	394729.43	37.07	Soil	12,360	0.60
08/13/2021	14:27:39	78793.03	394729.13	37.09	Soil	12,060	0.39
08/13/2021	14:27:40	78793.14	394728.94	37.05	Soil	11,100	-0.29
08/13/2021	14:27:41	78792.99	394728.80	37.02	Soil	10,380	-0.79
08/13/2021	14:27:42	78792.86	394728.80	37.02	Soil	11,220	-0.20
08/13/2021	14:27:43	78792.93	394728.68	37.03	Soil	11,400	-0.08
08/13/2021	14:27:44	78792.89	394728.52	37.01	Soil	11,520	0.01
08/13/2021	14:27:45	78792.82	394728.54	37.07	Soil	9,540	-1.38
08/13/2021	14:27:46	78792.84	394728.27	37.07	Soil	10,200	-0.92
08/13/2021	14:27:47	78792.70	394728.19	37.09	Soil	11,340	-0.12
08/13/2021	14:27:48	78792.87	394728.14	37.04	Soil	12,120	0.43
08/13/2021	14:27:49	78792.66	394728.01	37.04	Soil	11,880	0.26
08/13/2021	14:27:50	78792.42	394727.67	36.96	Soil	12,060	0.39
08/13/2021	14:27:51	78792.21	394727.86	36.92	Soil	9,960	-1.09
08/13/2021	14:27:52	78792.12	394728.12	36.85	Soil	12,300	0.55
08/13/2021	14:27:53	78792.17	394728.37	36.83	Soil	9,660	-1.30
08/13/2021	14:27:54	78792.19	394728.66	36.76	Soil	10,620	-0.62
08/13/2021	14:27:55	78792.22	394728.85	36.76	Soil	11,820	0.22
08/13/2021	14:27:56	78792.09	394729.03	36.72	Soil	11,280	-0.16
08/13/2021	14:27:57	78792.07	394729.20	36.67	Soil	10,500	-0.71
08/13/2021	14:27:58	78792.04	394729.30	36.60	Soil	10,020	-1.05
08/13/2021	14:27:59	78791.90	394729.53	36.53	Soil	10,740	-0.54

SU 7D GWS RESULTS
(SOIL)

08/13/2021	14:28:00	78791.89	394729.68	36.51	Soil	10,740	-0.54
08/13/2021	14:28:01	78792.00	394729.76	36.49	Soil	10,680	-0.58
08/13/2021	14:28:02	78792.06	394729.88	36.49	Soil	9,420	-1.47
08/13/2021	14:28:03	78792.14	394730.06	36.46	Soil	10,200	-0.92
08/13/2021	14:28:04	78792.14	394730.24	36.45	Soil	10,680	-0.58
08/13/2021	14:28:05	78792.11	394730.16	36.48	Soil	9,780	-1.21
08/13/2021	14:28:06	78792.16	394730.06	36.53	Soil	13,200	1.19
08/13/2021	14:28:07	78792.37	394730.03	36.60	Soil	10,320	-0.84
08/13/2021	14:28:08	78792.34	394729.85	36.66	Soil	9,960	-1.09
08/13/2021	14:28:09	78792.49	394729.91	36.63	Soil	10,140	-0.96
08/13/2021	14:28:10	78792.37	394729.72	36.70	Soil	11,640	0.09
08/13/2021	14:28:11	78792.52	394729.71	36.77	Soil	11,820	0.22
08/13/2021	14:28:12	78792.48	394729.50	36.82	Soil	11,160	-0.25
08/13/2021	14:28:13	78792.67	394729.53	36.86	Soil	12,300	0.55
08/13/2021	14:28:14	78792.64	394729.26	36.82	Soil	11,820	0.22
08/13/2021	14:28:15	78792.52	394729.28	36.76	Soil	9,900	-1.13
08/13/2021	14:28:16	78792.32	394729.14	36.72	Soil	11,940	0.30
08/13/2021	14:28:17	78792.30	394729.32	36.66	Soil	10,800	-0.50
08/13/2021	14:28:18	78792.14	394729.15	36.59	Soil	10,380	-0.79
08/13/2021	14:28:19	78792.10	394729.48	36.54	Soil	12,420	0.64
08/13/2021	14:28:20	78791.91	394729.34	36.51	Soil	12,720	0.85
08/13/2021	14:28:21	78791.95	394729.68	36.50	Soil	12,420	0.64
08/13/2021	14:28:22	78791.99	394729.73	36.51	Soil	10,380	-0.79
08/13/2021	14:28:23	78792.12	394729.93	36.54	Soil	11,400	-0.08
08/13/2021	14:28:24	78792.30	394729.95	36.60	Soil	11,280	-0.16
08/13/2021	14:28:25	78792.45	394730.00	36.60	Soil	12,300	0.55
08/13/2021	14:28:26	78792.56	394730.08	36.68	Soil	9,660	-1.30
08/13/2021	14:28:27	78792.67	394730.06	36.77	Soil	11,520	0.01
08/13/2021	14:28:28	78792.76	394729.75	36.84	Soil	11,640	0.09
08/13/2021	14:28:29	78792.92	394729.84	36.91	Soil	9,780	-1.21
08/13/2021	14:28:30	78793.20	394729.41	37.03	Soil	10,620	-0.62
08/13/2021	14:28:31	78793.50	394729.53	37.05	Soil	11,160	-0.25
08/13/2021	14:28:32	78793.51	394729.51	37.06	Soil	12,000	0.34
08/13/2021	14:28:33	78793.62	394729.63	37.03	Soil	12,240	0.51
08/13/2021	14:28:34	78793.46	394729.68	37.00	Soil	12,120	0.43
08/13/2021	14:28:35	78793.41	394729.91	36.99	Soil	12,360	0.60
08/13/2021	14:28:36	78793.34	394729.91	37.00	Soil	11,160	-0.25
08/13/2021	14:28:37	78793.27	394729.80	36.96	Soil	10,500	-0.71
08/13/2021	14:28:38	78793.26	394729.96	36.96	Soil	10,800	-0.50
08/13/2021	14:28:39	78793.24	394730.15	36.92	Soil	9,120	-1.68
08/13/2021	14:28:40	78793.10	394730.06	36.83	Soil	11,160	-0.25
08/13/2021	14:28:41	78792.91	394730.27	36.78	Soil	10,440	-0.75
08/13/2021	14:28:42	78792.81	394730.19	36.74	Soil	10,920	-0.41
08/13/2021	14:28:43	78792.69	394730.28	36.71	Soil	10,200	-0.92
08/13/2021	14:28:44	78792.64	394730.09	36.68	Soil	10,620	-0.62
08/13/2021	14:28:45	78792.47	394730.13	36.65	Soil	12,120	0.43
08/13/2021	14:28:46	78792.35	394730.02	36.57	Soil	10,860	-0.46
08/13/2021	14:28:47	78792.19	394730.18	36.54	Soil	10,560	-0.67
08/13/2021	14:28:48	78792.08	394730.04	36.43	Soil	11,400	-0.08
08/13/2021	14:28:49	78791.96	394730.13	36.40	Soil	11,040	-0.33
08/13/2021	14:28:50	78791.88	394730.00	36.33	Soil	10,200	-0.92

SU 7D GWS RESULTS
(SOIL)

08/13/2021	14:28:51	78791.79	394730.17	36.34	Soil	11,100	-0.29
08/13/2021	14:28:52	78791.83	394730.07	36.38	Soil	9,840	-1.17
08/13/2021	14:28:53	78791.75	394729.93	36.48	Soil	9,300	-1.55
08/13/2021	14:28:54	78791.93	394729.85	36.46	Soil	11,400	-0.08
08/13/2021	14:28:55	78791.90	394729.64	36.56	Soil	10,980	-0.37
08/13/2021	14:28:56	78792.03	394729.57	36.52	Soil	12,300	0.55
08/13/2021	14:28:57	78791.97	394729.48	36.59	Soil	12,420	0.64
08/13/2021	14:28:58	78792.18	394729.41	36.60	Soil	11,400	-0.08
08/13/2021	14:28:59	78792.23	394729.26	36.70	Soil	12,660	0.81
08/13/2021	14:29:00	78792.37	394729.31	36.70	Soil	11,460	-0.04
08/13/2021	14:29:01	78792.46	394729.20	36.78	Soil	10,200	-0.92
08/13/2021	14:29:02	78792.71	394729.22	36.87	Soil	11,820	0.22
08/13/2021	14:29:03	78792.87	394729.27	36.89	Soil	12,300	0.55
08/13/2021	14:29:04	78793.08	394729.35	36.97	Soil	11,400	-0.08
08/13/2021	14:29:56	78797.47	394738.57	38.80	Soil	9,900	-1.14
08/13/2021	14:29:57	78797.60	394738.57	38.73	Soil	10,260	-0.88
08/13/2021	14:30:03	78797.77	394738.71	38.93	Soil	11,700	0.14
08/13/2021	14:30:04	78797.86	394738.72	38.96	Soil	11,280	-0.16
08/13/2021	14:30:05	78797.93	394738.81	38.93	Soil	10,020	-1.05
08/13/2021	14:30:07	78797.78	394739.00	38.88	Soil	9,360	-1.52
08/13/2021	14:30:15	78798.21	394740.32	39.02	Soil	13,560	1.46
08/13/2021	14:30:16	78798.28	394740.56	39.02	Soil	12,480	0.69
08/13/2021	14:30:17	78798.35	394740.58	39.05	Soil	13,140	1.16
08/13/2021	14:30:18	78798.53	394740.59	39.06	Soil	10,860	-0.46
08/13/2021	14:30:19	78798.65	394740.66	39.11	Soil	10,560	-0.67
08/13/2021	14:30:20	78798.47	394740.89	39.06	Soil	10,920	-0.42
08/13/2021	14:30:21	78798.40	394740.97	39.05	Soil	11,100	-0.29
08/13/2021	14:30:22	78798.40	394740.98	39.00	Soil	9,660	-1.31
08/13/2021	14:30:23	78798.33	394741.11	38.98	Soil	10,800	-0.50
08/13/2021	14:30:24	78798.22	394741.20	38.93	Soil	11,520	0.01
08/13/2021	14:30:48	78798.26	394742.07	39.07	Soil	11,100	-0.29
08/13/2021	14:30:49	78798.26	394741.75	39.06	Soil	11,040	-0.33
08/13/2021	14:30:50	78798.35	394741.58	39.05	Soil	10,740	-0.54
08/13/2021	14:30:51	78798.23	394741.67	38.95	Soil	10,740	-0.54
08/13/2021	14:30:58	78798.36	394741.31	39.01	Soil	10,620	-0.63
08/13/2021	14:30:59	78798.51	394741.14	38.95	Soil	11,940	0.31
08/13/2021	14:31:00	78798.52	394741.03	38.86	Soil	11,280	-0.16
08/13/2021	14:31:01	78798.52	394740.81	38.83	Soil	10,740	-0.54
08/13/2021	14:31:02	78798.36	394740.73	38.82	Soil	11,760	0.18
08/13/2021	14:33:35	78798.27	394740.44	38.96	Soil	9,840	-1.18
08/13/2021	14:34:20	78797.29	394738.27	38.76	Soil	9,780	-1.22
08/13/2021	14:34:33	78795.58	394738.15	38.50	Soil	10,140	-0.96
08/13/2021	14:34:34	78795.68	394738.00	38.54	Soil	10,140	-0.96
08/13/2021	14:34:35	78795.83	394737.93	38.60	Soil	10,920	-0.41
08/13/2021	14:34:36	78795.93	394737.93	38.62	Soil	10,800	-0.50
08/13/2021	14:34:37	78796.02	394738.02	38.65	Soil	10,500	-0.71
08/13/2021	14:34:38	78796.13	394738.11	38.71	Soil	10,800	-0.50
08/13/2021	14:34:51	78795.98	394738.11	38.53	Soil	9,360	-1.51
08/13/2021	14:34:52	78795.80	394738.08	38.44	Soil	8,640	-2.01
08/13/2021	14:34:53	78795.61	394738.03	38.45	Soil	10,920	-0.41
08/13/2021	14:34:54	78795.53	394737.84	38.46	Soil	10,800	-0.50

SU 7D GWS RESULTS
(SOIL)

08/13/2021	14:34:55	78795.50	394737.81	38.46	Soil	9,720	-1.26
08/13/2021	14:34:56	78795.45	394738.02	38.50	Soil	9,180	-1.64
08/13/2021	14:34:57	78795.62	394738.01	38.52	Soil	9,660	-1.30
08/13/2021	14:34:58	78795.73	394738.06	38.56	Soil	10,740	-0.54
08/13/2021	14:34:59	78795.79	394738.09	38.58	Soil	11,160	-0.25
08/13/2021	14:35:00	78795.93	394737.94	38.58	Soil	10,620	-0.62
08/13/2021	14:35:01	78796.09	394737.86	38.64	Soil	10,500	-0.71
08/13/2021	14:35:02	78796.10	394737.86	38.57	Soil	9,780	-1.21
08/13/2021	14:35:03	78796.01	394737.93	38.53	Soil	8,760	-1.93
08/13/2021	14:35:04	78795.93	394738.11	38.48	Soil	10,740	-0.54
08/13/2021	14:38:17	78793.32	394752.40	39.43	Soil	14,700	2.27
08/13/2021	14:38:18	78793.39	394752.47	39.47	Soil	9,960	-1.10
08/13/2021	14:38:37	78793.12	394752.26	39.47	Soil	12,300	0.56
08/13/2021	14:38:38	78793.04	394752.05	39.47	Soil	10,800	-0.50
08/13/2021	14:38:39	78792.99	394751.83	39.39	Soil	10,080	-1.01
08/13/2021	14:38:40	78792.91	394751.61	39.38	Soil	10,980	-0.37
08/13/2021	14:38:41	78792.78	394751.54	39.38	Soil	10,560	-0.67
08/13/2021	14:38:42	78792.75	394751.52	39.36	Soil	10,440	-0.76
08/13/2021	14:38:43	78792.64	394751.41	39.34	Soil	11,700	0.14
08/13/2021	14:38:44	78792.54	394751.28	39.33	Soil	10,380	-0.80
08/13/2021	14:38:45	78792.44	394751.22	39.32	Soil	13,380	1.33
08/13/2021	14:38:46	78792.38	394751.11	39.30	Soil	12,780	0.90
08/13/2021	14:38:47	78792.26	394751.00	39.28	Soil	13,380	1.33
08/13/2021	14:38:48	78792.14	394750.81	39.27	Soil	11,640	0.10
08/13/2021	14:38:49	78791.99	394750.65	39.25	Soil	13,080	1.12
08/13/2021	14:38:50	78791.91	394750.51	39.24	Soil	12,420	0.65
08/13/2021	14:38:51	78791.83	394750.38	39.21	Soil	13,860	1.67
08/13/2021	14:39:35	78793.49	394747.38	39.79	Soil	10,140	-0.97
08/13/2021	14:39:36	78793.88	394747.03	39.79	Soil	9,360	-1.52
08/13/2021	14:39:47	78796.11	394744.78	39.42	Soil	10,200	-0.93
08/13/2021	14:53:33	78797.91	394738.95	38.66	Soil	9,600	-1.35
08/13/2021	14:53:34	78798.01	394738.83	38.66	Soil	10,680	-0.59
08/13/2021	14:53:35	78797.98	394738.75	38.67	Soil	11,820	0.22
08/13/2021	14:53:36	78798.14	394738.86	38.67	Soil	11,880	0.27
08/13/2021	14:53:37	78798.19	394738.92	38.69	Soil	10,320	-0.84
08/13/2021	14:53:38	78798.09	394739.15	38.68	Soil	11,100	-0.29
08/13/2021	14:55:15	78798.11	394739.22	38.71	Soil	10,860	-0.46
08/13/2021	14:55:16	78798.39	394739.04	38.72	Soil	11,580	0.05
08/13/2021	14:55:17	78798.44	394739.05	38.74	Soil	11,760	0.18
08/13/2021	14:55:18	78798.39	394739.35	38.72	Soil	10,020	-1.05
08/13/2021	14:55:19	78798.29	394739.52	38.72	Soil	11,280	-0.16
08/13/2021	15:05:52	78796.22	394737.98	38.39	Soil	10,440	-0.75
08/13/2021	15:05:53	78796.07	394738.05	38.32	Soil	12,060	0.39
08/13/2021	15:05:54	78795.85	394738.12	38.35	Soil	11,220	-0.20
08/13/2021	15:08:37	78793.99	394747.40	41.23	Soil	10,860	-0.46
08/13/2021	15:08:38	78794.22	394747.34	41.31	Soil	11,520	0.01
08/13/2021	15:08:39	78794.05	394747.14	41.39	Soil	10,500	-0.71
08/13/2021	15:08:40	78794.19	394747.19	41.35	Soil	11,100	-0.29
08/13/2021	15:08:41	78794.01	394747.62	41.40	Soil	11,280	-0.16
08/13/2021	15:08:42	78793.70	394747.73	41.36	Soil	11,100	-0.29
08/13/2021	15:08:43	78793.56	394748.15	41.34	Soil	9,780	-1.22

SU 7D GWS RESULTS
(SOIL)

08/13/2021	15:08:44	78793.15	394748.24	41.24	Soil	10,680	-0.59
08/13/2021	15:08:45	78792.92	394748.45	41.21	Soil	12,840	0.95
08/13/2021	15:08:46	78792.73	394748.23	41.18	Soil	11,100	-0.29
08/13/2021	15:09:08	78793.70	394747.32	41.26	Soil	11,340	-0.12
08/13/2021	15:09:09	78793.79	394747.53	41.26	Soil	12,180	0.48
08/13/2021	15:09:10	78793.97	394747.33	41.21	Soil	11,700	0.14
08/13/2021	15:09:11	78794.19	394747.21	41.15	Soil	11,520	0.01
08/13/2021	15:09:12	78793.96	394747.05	41.05	Soil	11,760	0.18
08/13/2021	15:09:54	78794.15	394747.04	40.90	Soil	11,460	-0.03
08/13/2021	15:09:55	78794.19	394747.33	40.95	Soil	11,820	0.22
08/13/2021	15:09:56	78794.50	394747.07	40.99	Soil	12,900	0.99
08/13/2021	15:09:57	78794.45	394746.90	41.01	Soil	12,300	0.56
08/13/2021	15:09:58	78794.31	394746.63	40.90	Soil	11,220	-0.20
08/13/2021	15:10:25	78794.60	394746.65	41.12	Soil	10,200	-0.93
08/13/2021	15:10:26	78794.78	394746.60	41.20	Soil	12,600	0.78
08/13/2021	15:10:27	78795.14	394746.54	41.14	Soil	10,320	-0.84
08/13/2021	15:10:28	78794.88	394746.27	40.95	Soil	11,280	-0.16
08/13/2021	15:10:51	78795.56	394745.75	41.16	Soil	12,120	0.44
08/13/2021	15:10:52	78795.40	394746.08	41.14	Soil	11,340	-0.12
08/13/2021	15:10:53	78795.68	394745.85	41.11	Soil	10,500	-0.71
08/13/2021	15:10:54	78796.00	394745.89	41.11	Soil	10,020	-1.05
08/13/2021	15:10:55	78795.76	394745.65	40.89	Soil	10,440	-0.76
08/13/2021	15:10:56	78795.66	394745.48	40.71	Soil	10,020	-1.05
08/13/2021	15:17:30	78791.94	394750.43	40.03	Soil	10,500	-0.71
08/13/2021	15:19:30	78792.45	394751.26	39.99	Soil	11,820	0.22
08/13/2021	15:19:31	78792.69	394751.29	40.22	Soil	11,820	0.22
08/13/2021	15:19:37	78792.94	394751.38	40.03	Soil	10,800	-0.50
08/13/2021	15:19:38	78792.87	394751.58	39.92	Soil	10,800	-0.50
08/13/2021	15:19:39	78792.72	394751.55	39.86	Soil	12,060	0.39
08/13/2021	15:19:40	78792.73	394751.60	39.78	Soil	9,660	-1.31
08/13/2021	15:19:57	78793.38	394752.33	39.31	Soil	12,120	0.44
08/13/2021	15:19:58	78793.52	394752.46	39.32	Soil	13,860	1.67
08/13/2021	15:19:59	78793.51	394752.59	39.33	Soil	12,420	0.65
08/13/2021	15:20:00	78793.53	394752.51	39.33	Soil	10,440	-0.76
08/13/2021	15:20:01	78793.42	394752.30	39.29	Soil	10,680	-0.59
08/13/2021	15:20:02	78793.36	394752.36	39.26	Soil	11,460	-0.03
08/13/2021	15:20:03	78793.22	394752.22	39.19	Soil	10,380	-0.80
08/14/2021	8:49:18	78777.18	394716.68	38.97	Soil	12,780	0.90
08/14/2021	8:49:19	78777.29	394716.43	39.00	Soil	12,720	0.86
08/14/2021	8:49:20	78777.31	394716.38	39.03	Soil	12,000	0.35
08/14/2021	8:49:21	78777.63	394716.39	39.03	Soil	11,700	0.14
08/14/2021	8:49:22	78777.81	394716.32	39.07	Soil	11,760	0.18
08/14/2021	8:49:23	78777.79	394716.08	39.17	Soil	13,380	1.33
08/14/2021	8:49:24	78778.03	394715.90	39.17	Soil	14,040	1.80
08/14/2021	8:49:25	78777.98	394715.66	39.19	Soil	11,880	0.27
08/14/2021	8:49:26	78778.20	394715.53	39.22	Soil	10,860	-0.46
08/14/2021	8:49:27	78778.19	394715.17	39.28	Soil	11,760	0.18
08/14/2021	8:49:28	78778.39	394714.97	39.30	Soil	12,780	0.90
08/14/2021	8:49:29	78778.51	394714.93	39.30	Soil	12,660	0.82
08/14/2021	8:49:30	78778.44	394714.73	39.30	Soil	13,560	1.46
08/14/2021	8:49:31	78778.63	394714.71	39.33	Soil	12,600	0.78

SU 7D GWS RESULTS
(SOIL)

08/14/2021	8:49:32	78778.67	394714.41	39.37	Soil	13,320	1.29
08/14/2021	8:49:33	78778.95	394714.33	39.41	Soil	14,100	1.84
08/14/2021	8:49:34	78779.03	394714.06	39.41	Soil	12,300	0.56
08/14/2021	8:49:35	78779.30	394714.03	39.43	Soil	11,220	-0.20
08/14/2021	8:49:36	78779.49	394713.72	39.44	Soil	13,200	1.20
08/14/2021	8:49:37	78779.79	394713.73	39.46	Soil	12,600	0.78
08/14/2021	8:49:38	78779.92	394713.44	39.48	Soil	12,120	0.44
08/14/2021	8:49:39	78780.13	394713.40	39.48	Soil	13,320	1.29
08/14/2021	8:49:40	78780.37	394713.19	39.51	Soil	15,060	2.52
08/14/2021	8:49:41	78780.66	394713.31	39.47	Soil	13,260	1.24
08/14/2021	8:49:42	78780.92	394713.23	39.50	Soil	11,580	0.05
08/14/2021	8:49:43	78781.18	394713.24	39.53	Soil	13,200	1.20
08/14/2021	8:49:44	78781.48	394713.24	39.57	Soil	13,260	1.24
08/14/2021	8:49:45	78781.79	394713.26	39.61	Soil	11,040	-0.33
08/14/2021	8:49:46	78782.13	394713.28	39.64	Soil	11,700	0.14
08/14/2021	8:49:47	78782.49	394713.22	39.66	Soil	11,040	-0.33
08/14/2021	8:49:48	78782.81	394713.42	39.74	Soil	12,300	0.56
08/14/2021	8:49:49	78782.97	394713.19	39.72	Soil	11,580	0.05
08/14/2021	8:49:50	78783.17	394713.40	39.79	Soil	12,720	0.86
08/14/2021	8:49:51	78783.41	394713.28	39.80	Soil	12,300	0.56
08/14/2021	8:49:52	78783.58	394713.26	39.83	Soil	11,520	0.01
08/14/2021	8:49:53	78783.71	394713.41	39.83	Soil	11,700	0.14
08/14/2021	8:49:54	78783.85	394713.21	39.85	Soil	12,600	0.78
08/14/2021	8:49:55	78783.99	394713.40	39.90	Soil	12,420	0.65
08/14/2021	8:49:56	78784.17	394713.20	39.89	Soil	12,120	0.44
08/14/2021	8:49:57	78784.28	394713.41	39.92	Soil	13,920	1.71
08/14/2021	8:49:58	78784.51	394713.32	39.94	Soil	11,640	0.10
08/14/2021	8:49:59	78784.67	394713.32	39.95	Soil	14,220	1.92
08/14/2021	8:50:00	78784.78	394713.36	39.96	Soil	12,900	0.99
08/14/2021	8:50:01	78785.01	394713.23	39.91	Soil	13,140	1.16
08/14/2021	8:50:02	78785.18	394713.51	39.90	Soil	13,080	1.12
08/14/2021	8:50:03	78785.45	394713.30	39.87	Soil	12,960	1.03
08/14/2021	8:50:04	78785.68	394713.66	39.82	Soil	11,700	0.14
08/14/2021	8:50:05	78786.01	394713.73	39.79	Soil	12,840	0.95
08/14/2021	8:50:06	78786.30	394714.06	39.78	Soil	11,280	-0.16
08/14/2021	8:50:07	78786.60	394714.03	39.77	Soil	11,940	0.31
08/14/2021	8:50:08	78786.84	394714.30	39.76	Soil	12,720	0.86
08/14/2021	8:50:09	78787.07	394714.32	39.75	Soil	14,640	2.22
08/14/2021	8:50:10	78787.24	394714.35	39.76	Soil	12,900	0.99
08/14/2021	8:50:11	78787.37	394714.58	39.75	Soil	12,720	0.86
08/14/2021	8:50:12	78787.64	394714.57	39.74	Soil	12,540	0.73
08/14/2021	8:50:13	78787.77	394714.88	39.73	Soil	11,160	-0.25
08/14/2021	8:50:14	78787.97	394714.91	39.73	Soil	12,060	0.39
08/14/2021	8:50:15	78788.13	394714.86	39.73	Soil	12,120	0.44
08/14/2021	8:50:16	78788.18	394715.10	39.74	Soil	12,360	0.61
08/14/2021	8:50:17	78788.46	394714.99	39.78	Soil	13,380	1.33
08/14/2021	8:50:18	78788.58	394715.15	39.77	Soil	13,560	1.46
08/14/2021	8:50:19	78788.90	394715.15	39.74	Soil	11,640	0.10
08/14/2021	8:50:20	78789.08	394715.33	39.73	Soil	10,440	-0.76
08/14/2021	8:50:21	78789.26	394715.50	39.75	Soil	13,080	1.12
08/14/2021	8:50:22	78789.77	394715.55	39.78	Soil	11,940	0.31

SU 7D GWS RESULTS
(SOIL)

08/14/2021	8:50:23	78790.03	394715.75	39.78	Soil	13,440	1.37
08/14/2021	8:50:24	78790.39	394715.82	39.79	Soil	11,400	-0.08
08/14/2021	8:50:25	78790.78	394716.06	39.75	Soil	13,080	1.12
08/14/2021	8:50:26	78791.05	394716.31	39.71	Soil	11,280	-0.16
08/14/2021	8:50:27	78791.32	394716.39	39.73	Soil	12,720	0.86
08/14/2021	8:50:28	78791.54	394716.62	39.71	Soil	11,400	-0.08
08/14/2021	8:50:29	78791.74	394716.73	39.69	Soil	11,640	0.10
08/14/2021	8:50:30	78791.62	394716.91	39.54	Soil	13,740	1.58
08/14/2021	8:50:31	78791.52	394717.17	39.34	Soil	12,240	0.52
08/14/2021	8:50:32	78791.74	394717.66	39.14	Soil	13,440	1.37
08/14/2021	8:50:33	78791.91	394717.89	39.16	Soil	14,700	2.27
08/14/2021	8:50:34	78792.11	394717.96	39.13	Soil	12,120	0.44
08/14/2021	8:50:35	78792.31	394717.99	39.13	Soil	13,680	1.54
08/14/2021	8:50:36	78792.66	394718.30	39.04	Soil	14,040	1.80
08/14/2021	8:50:37	78792.94	394718.59	38.98	Soil	14,700	2.27
08/14/2021	8:50:38	78793.06	394718.71	38.99	Soil	12,960	1.03
08/14/2021	8:50:39	78793.30	394718.79	39.05	Soil	13,560	1.46
08/14/2021	8:50:40	78793.44	394718.97	39.03	Soil	14,400	2.05
08/14/2021	8:50:41	78793.65	394719.03	39.02	Soil	13,740	1.58
08/14/2021	8:50:42	78793.73	394719.26	38.96	Soil	14,400	2.05
08/14/2021	8:50:43	78794.15	394719.42	39.00	Soil	13,500	1.41
08/14/2021	8:50:44	78794.23	394719.59	38.99	Soil	14,280	1.97
08/14/2021	8:50:45	78794.46	394719.64	39.01	Soil	12,600	0.78
08/14/2021	8:50:46	78794.60	394719.75	39.00	Soil	13,140	1.16
08/14/2021	8:50:47	78794.68	394719.85	38.97	Soil	13,680	1.54
08/14/2021	8:50:48	78794.81	394719.97	38.95	Soil	13,740	1.58
08/14/2021	8:50:49	78794.94	394719.99	38.98	Soil	12,300	0.56
08/14/2021	8:50:50	78795.06	394720.21	38.95	Soil	11,940	0.31
08/14/2021	8:50:51	78795.17	394720.43	38.93	Soil	14,100	1.84
08/14/2021	8:50:52	78795.33	394720.53	38.90	Soil	13,440	1.37
08/14/2021	8:50:53	78795.44	394720.56	38.91	Soil	11,640	0.10
08/14/2021	8:50:54	78795.52	394720.69	38.89	Soil	13,800	1.63
08/14/2021	8:50:55	78795.53	394720.56	38.92	Soil	12,360	0.61
08/14/2021	8:50:56	78795.48	394720.50	38.83	Soil	13,500	1.41
08/14/2021	8:50:57	78795.37	394720.43	38.79	Soil	14,100	1.84
08/14/2021	8:50:58	78795.25	394720.31	38.76	Soil	13,800	1.63
08/14/2021	8:50:59	78795.04	394720.17	38.73	Soil	11,580	0.05
08/14/2021	8:51:00	78794.91	394720.00	38.72	Soil	12,480	0.69
08/14/2021	8:51:01	78794.74	394719.89	38.71	Soil	12,960	1.03
08/14/2021	8:51:02	78794.59	394719.78	38.72	Soil	12,060	0.39
08/14/2021	8:51:03	78794.40	394719.66	38.72	Soil	13,920	1.71
08/14/2021	8:51:04	78794.28	394719.55	38.76	Soil	13,440	1.37
08/14/2021	8:51:05	78794.05	394719.46	38.80	Soil	13,320	1.29
08/14/2021	8:51:06	78793.93	394719.27	38.85	Soil	12,840	0.95
08/14/2021	8:51:07	78793.78	394719.18	38.82	Soil	12,240	0.52
08/14/2021	8:51:08	78793.73	394719.01	38.89	Soil	13,920	1.71
08/14/2021	8:51:09	78793.49	394719.01	38.84	Soil	13,980	1.75
08/14/2021	8:51:10	78793.25	394718.71	38.84	Soil	12,960	1.03
08/14/2021	8:51:11	78793.01	394718.55	38.85	Soil	12,120	0.44
08/14/2021	8:51:12	78792.87	394718.30	38.87	Soil	11,580	0.05
08/14/2021	8:51:13	78792.60	394718.28	38.86	Soil	12,600	0.78

SU 7D GWS RESULTS
(SOIL)

08/14/2021	8:51:14	78792.62	394717.98	38.93	Soil	14,160	1.88
08/14/2021	8:51:15	78792.24	394717.93	38.90	Soil	12,780	0.90
08/14/2021	8:51:16	78792.22	394717.64	38.97	Soil	13,200	1.20
08/14/2021	8:51:17	78791.97	394717.67	39.02	Soil	11,580	0.05
08/14/2021	8:51:18	78791.81	394717.54	39.02	Soil	14,040	1.80
08/14/2021	8:51:19	78791.70	394717.21	39.12	Soil	13,980	1.75
08/14/2021	8:51:20	78791.31	394717.15	39.14	Soil	14,220	1.92
08/14/2021	8:51:21	78791.20	394717.05	39.12	Soil	12,720	0.86
08/14/2021	8:51:22	78791.18	394717.10	39.11	Soil	13,560	1.46
08/14/2021	8:51:23	78791.05	394716.94	39.10	Soil	13,440	1.37
08/14/2021	8:51:24	78790.80	394716.90	39.12	Soil	13,140	1.16
08/14/2021	8:51:25	78790.73	394716.82	39.16	Soil	15,300	2.69
08/14/2021	8:51:26	78790.72	394716.77	39.16	Soil	14,460	2.10
08/14/2021	8:51:27	78790.71	394716.77	39.14	Soil	12,600	0.78
08/14/2021	8:51:28	78790.62	394716.71	39.10	Soil	14,460	2.10
08/14/2021	8:51:29	78790.31	394716.72	39.16	Soil	13,200	1.20
08/14/2021	8:51:30	78790.18	394716.65	39.20	Soil	13,560	1.46
08/14/2021	8:51:31	78790.15	394716.54	39.23	Soil	12,000	0.35
08/14/2021	8:51:32	78790.13	394716.49	39.22	Soil	14,460	2.10
08/14/2021	8:51:33	78790.11	394716.60	39.22	Soil	12,900	0.99
08/14/2021	8:51:34	78789.86	394716.39	39.16	Soil	11,160	-0.25
08/14/2021	8:51:35	78789.60	394716.26	39.23	Soil	12,780	0.90
08/14/2021	8:51:36	78789.56	394716.16	39.23	Soil	14,280	1.97
08/14/2021	8:51:37	78789.47	394716.24	39.23	Soil	10,920	-0.42
08/14/2021	8:51:38	78789.40	394715.99	39.28	Soil	13,980	1.75
08/14/2021	8:51:39	78789.08	394715.95	39.31	Soil	12,960	1.03
08/14/2021	8:51:40	78788.93	394715.66	39.29	Soil	13,620	1.50
08/14/2021	8:51:41	78788.77	394715.49	39.41	Soil	11,220	-0.20
08/14/2021	8:51:42	78788.78	394715.22	39.50	Soil	13,320	1.29
08/14/2021	8:51:43	78788.55	394715.35	39.51	Soil	13,680	1.54
08/14/2021	8:51:44	78788.37	394715.12	39.51	Soil	14,520	2.14
08/14/2021	8:51:45	78788.10	394715.13	39.50	Soil	11,880	0.27
08/14/2021	8:51:46	78787.99	394715.03	39.49	Soil	13,440	1.37
08/14/2021	8:51:47	78787.96	394714.83	39.50	Soil	12,180	0.48
08/14/2021	8:51:48	78787.78	394714.92	39.54	Soil	11,700	0.14
08/14/2021	8:51:49	78787.65	394714.68	39.54	Soil	11,520	0.01
08/14/2021	8:51:50	78787.45	394714.72	39.58	Soil	12,360	0.61
08/14/2021	8:51:51	78787.29	394714.49	39.58	Soil	11,640	0.10
08/14/2021	8:51:52	78787.10	394714.51	39.61	Soil	11,640	0.10
08/14/2021	8:51:53	78786.91	394714.43	39.63	Soil	11,160	-0.25
08/14/2021	8:51:54	78786.76	394714.28	39.64	Soil	12,840	0.95
08/14/2021	8:51:55	78786.49	394714.33	39.69	Soil	14,220	1.92
08/14/2021	8:51:56	78786.35	394714.09	39.71	Soil	13,800	1.63
08/14/2021	8:51:57	78786.05	394714.10	39.73	Soil	12,060	0.39
08/14/2021	8:51:58	78785.81	394713.78	39.77	Soil	11,520	0.01
08/14/2021	8:51:59	78785.50	394713.81	39.82	Soil	13,680	1.54
08/14/2021	8:52:00	78785.27	394713.68	39.83	Soil	11,160	-0.25
08/14/2021	8:52:01	78785.05	394713.77	39.85	Soil	12,660	0.82
08/14/2021	8:52:02	78784.77	394713.67	39.88	Soil	11,460	-0.03
08/14/2021	8:52:03	78784.50	394713.65	39.84	Soil	12,420	0.65
08/14/2021	8:52:04	78784.16	394713.63	39.84	Soil	12,240	0.52

SU 7D GWS RESULTS
(SOIL)

08/14/2021	8:52:05	78783.97	394713.72	39.80	Soil	10,920	-0.42
08/14/2021	8:52:06	78783.69	394713.69	39.74	Soil	13,800	1.63
08/14/2021	8:52:07	78783.43	394713.72	39.68	Soil	14,580	2.18
08/14/2021	8:52:08	78783.09	394713.68	39.64	Soil	16,260	3.37
08/14/2021	8:52:09	78782.76	394713.76	39.57	Soil	11,880	0.27
08/14/2021	8:52:10	78782.46	394713.76	39.60	Soil	13,980	1.75
08/14/2021	8:52:11	78782.10	394713.70	39.65	Soil	14,640	2.22
08/14/2021	8:52:12	78781.74	394713.65	39.60	Soil	12,420	0.65
08/14/2021	8:52:13	78781.50	394713.89	39.57	Soil	15,360	2.73
08/14/2021	8:52:14	78781.09	394713.79	39.54	Soil	11,220	-0.20
08/14/2021	8:52:15	78780.91	394714.04	39.54	Soil	13,860	1.67
08/14/2021	8:52:16	78780.64	394713.99	39.54	Soil	13,260	1.24
08/14/2021	8:52:17	78780.60	394714.12	39.53	Soil	13,920	1.71
08/14/2021	8:52:18	78780.45	394714.17	39.54	Soil	12,840	0.95
08/14/2021	8:52:19	78780.31	394714.14	39.54	Soil	12,600	0.78
08/14/2021	8:52:20	78780.22	394714.29	39.55	Soil	13,980	1.75
08/14/2021	8:52:21	78779.90	394714.31	39.58	Soil	13,260	1.24
08/14/2021	8:52:22	78779.77	394714.47	39.60	Soil	12,900	0.99
08/14/2021	8:52:23	78779.48	394714.42	39.64	Soil	13,500	1.41
08/14/2021	8:52:24	78779.34	394714.61	39.64	Soil	12,840	0.95
08/14/2021	8:52:25	78779.02	394714.69	39.62	Soil	13,200	1.20
08/14/2021	8:52:26	78778.97	394714.94	39.61	Soil	12,120	0.44
08/14/2021	8:52:27	78778.73	394714.99	39.61	Soil	14,640	2.22
08/14/2021	8:52:28	78778.74	394715.25	39.60	Soil	11,220	-0.20
08/14/2021	8:52:29	78778.56	394715.39	39.59	Soil	12,120	0.44
08/14/2021	8:52:30	78778.57	394715.59	39.59	Soil	12,660	0.82
08/14/2021	8:52:31	78778.32	394715.79	39.57	Soil	11,580	0.05
08/14/2021	8:52:32	78778.20	394716.01	39.57	Soil	12,300	0.56
08/14/2021	8:52:33	78777.89	394716.19	39.55	Soil	13,620	1.50
08/14/2021	8:52:34	78777.83	394716.41	39.54	Soil	11,580	0.05
08/14/2021	8:52:35	78777.48	394716.72	39.49	Soil	12,540	0.73
08/14/2021	8:52:36	78777.45	394717.08	39.52	Soil	11,760	0.18
08/14/2021	8:52:37	78777.27	394717.28	39.53	Soil	11,940	0.31
08/14/2021	8:52:38	78777.18	394717.55	39.56	Soil	12,960	1.03
08/14/2021	8:52:39	78776.94	394717.71	39.53	Soil	12,240	0.52
08/14/2021	8:52:40	78776.83	394718.04	39.54	Soil	13,440	1.37
08/14/2021	8:52:41	78776.51	394718.26	39.53	Soil	11,100	-0.29
08/14/2021	8:52:42	78776.55	394718.56	39.53	Soil	10,680	-0.59
08/14/2021	8:52:43	78776.32	394718.81	39.51	Soil	14,940	2.44
08/14/2021	8:52:44	78776.32	394719.01	39.54	Soil	12,660	0.82
08/14/2021	8:52:45	78776.38	394719.16	39.58	Soil	12,480	0.69
08/14/2021	8:52:46	78776.51	394718.93	39.58	Soil	10,260	-0.88
08/14/2021	8:52:47	78776.70	394718.84	39.54	Soil	13,440	1.37
08/14/2021	8:52:48	78776.99	394718.80	39.32	Soil	14,100	1.84
08/14/2021	8:52:49	78777.05	394718.82	39.33	Soil	13,620	1.50
08/14/2021	8:52:50	78777.03	394718.83	39.34	Soil	14,340	2.01
08/14/2021	8:52:51	78777.10	394718.79	39.31	Soil	14,340	2.01
08/14/2021	8:52:52	78777.35	394718.28	39.28	Soil	13,320	1.29
08/14/2021	8:52:53	78777.58	394718.18	39.23	Soil	11,700	0.14
08/14/2021	8:52:54	78777.66	394718.17	39.24	Soil	13,140	1.16
08/14/2021	8:52:55	78777.69	394718.22	39.23	Soil	13,740	1.58

SU 7D GWS RESULTS
(SOIL)

08/14/2021	8:52:56	78777.71	394718.10	39.22	Soil	12,540	0.73
08/14/2021	8:52:57	78777.82	394717.68	39.17	Soil	14,940	2.44
08/14/2021	8:52:58	78777.99	394717.63	39.15	Soil	14,040	1.80
08/14/2021	8:52:59	78778.11	394717.75	39.11	Soil	12,780	0.90
08/14/2021	8:53:00	78778.10	394717.22	39.10	Soil	13,380	1.33
08/14/2021	8:53:01	78778.14	394716.99	39.11	Soil	13,140	1.16
08/14/2021	8:53:02	78778.18	394716.95	39.08	Soil	11,760	0.18
08/14/2021	8:53:03	78778.02	394716.96	39.13	Soil	14,040	1.80
08/14/2021	8:53:04	78778.23	394716.78	39.15	Soil	13,680	1.54
08/14/2021	8:53:05	78778.49	394716.52	39.32	Soil	9,840	-1.18
08/14/2021	8:53:06	78778.59	394716.63	39.31	Soil	12,600	0.78
08/14/2021	8:53:07	78778.61	394716.70	39.31	Soil	13,980	1.75
08/14/2021	8:53:08	78778.62	394716.71	39.30	Soil	13,260	1.24
08/14/2021	8:53:09	78778.60	394716.68	39.32	Soil	14,100	1.84
08/14/2021	8:53:10	78778.59	394716.71	39.33	Soil	13,380	1.33
08/14/2021	8:53:11	78778.42	394716.31	39.47	Soil	12,540	0.73
08/14/2021	8:53:12	78778.67	394716.14	39.53	Soil	13,020	1.07
08/14/2021	8:53:13	78778.80	394715.97	39.50	Soil	12,480	0.69
08/14/2021	8:53:14	78778.87	394715.78	39.56	Soil	12,720	0.86
08/14/2021	8:53:15	78778.89	394715.67	39.57	Soil	11,760	0.18
08/14/2021	8:53:16	78778.93	394715.66	39.55	Soil	12,180	0.48
08/14/2021	8:53:17	78778.98	394715.69	39.57	Soil	12,900	0.99
08/14/2021	8:53:18	78778.98	394715.49	39.58	Soil	11,940	0.31
08/14/2021	8:53:19	78779.19	394715.41	39.51	Soil	13,200	1.20
08/14/2021	8:53:20	78779.32	394715.40	39.51	Soil	15,300	2.69
08/14/2021	8:53:21	78779.31	394715.33	39.53	Soil	14,040	1.80
08/14/2021	8:53:22	78779.31	394715.16	39.59	Soil	10,920	-0.42
08/14/2021	8:53:23	78779.52	394715.18	39.58	Soil	13,500	1.41
08/14/2021	8:53:24	78779.60	394714.95	39.63	Soil	13,740	1.58
08/14/2021	8:53:25	78779.72	394714.87	39.64	Soil	13,920	1.71
08/14/2021	8:53:26	78779.79	394714.72	39.67	Soil	14,820	2.35
08/14/2021	8:53:27	78779.94	394714.71	39.65	Soil	12,120	0.44
08/14/2021	8:53:28	78780.11	394714.54	39.66	Soil	13,380	1.33
08/14/2021	8:53:29	78780.29	394714.47	39.65	Soil	13,560	1.46
08/14/2021	8:53:30	78780.44	394714.44	39.65	Soil	11,940	0.31
08/14/2021	8:53:31	78780.59	394714.30	39.69	Soil	13,260	1.24
08/14/2021	8:53:32	78780.72	394714.31	39.69	Soil	13,440	1.37
08/14/2021	8:53:33	78780.86	394714.16	39.73	Soil	11,580	0.05
08/14/2021	8:53:34	78781.12	394714.16	39.76	Soil	15,300	2.69
08/14/2021	8:53:35	78781.49	394713.97	39.78	Soil	15,540	2.86
08/14/2021	8:53:36	78781.73	394713.96	39.88	Soil	11,700	0.14
08/14/2021	8:53:37	78781.94	394713.98	39.88	Soil	11,280	-0.16
08/14/2021	8:53:38	78782.09	394714.00	39.84	Soil	11,760	0.18
08/14/2021	8:53:39	78782.60	394714.14	39.87	Soil	13,260	1.24
08/14/2021	8:53:40	78782.98	394714.14	39.89	Soil	12,780	0.90
08/14/2021	8:53:41	78783.17	394714.35	39.86	Soil	12,480	0.69
08/14/2021	8:53:42	78783.25	394714.29	39.88	Soil	12,660	0.82
08/14/2021	8:53:43	78783.43	394714.20	39.97	Soil	14,940	2.44
08/14/2021	8:53:44	78783.76	394714.24	39.99	Soil	13,020	1.07
08/14/2021	8:53:45	78783.99	394714.19	40.10	Soil	11,340	-0.12
08/14/2021	8:53:46	78784.17	394714.31	40.09	Soil	11,160	-0.25

SU 7D GWS RESULTS
(SOIL)

08/14/2021	8:53:47	78784.58	394714.15	40.22	Soil	12,780	0.90
08/14/2021	8:53:48	78784.92	394714.23	40.17	Soil	13,620	1.50
08/14/2021	8:53:49	78785.20	394714.25	40.17	Soil	12,960	1.03
08/14/2021	8:53:50	78785.38	394714.48	40.14	Soil	13,620	1.50
08/14/2021	8:53:51	78785.67	394714.41	40.14	Soil	11,460	-0.03
08/14/2021	8:53:52	78785.86	394714.62	40.15	Soil	12,180	0.48
08/14/2021	8:53:53	78786.14	394714.59	40.19	Soil	11,040	-0.33
08/14/2021	8:53:54	78786.33	394714.82	40.20	Soil	13,500	1.41
08/14/2021	8:53:55	78786.63	394714.88	40.19	Soil	10,020	-1.05
08/14/2021	8:53:56	78786.89	394715.13	40.13	Soil	12,360	0.61
08/14/2021	8:53:57	78787.17	394715.14	40.11	Soil	13,560	1.46
08/14/2021	8:53:58	78787.29	394715.31	40.07	Soil	13,560	1.46
08/14/2021	8:53:59	78787.61	394715.35	40.04	Soil	12,120	0.44
08/14/2021	8:54:00	78787.81	394715.52	40.00	Soil	12,780	0.90
08/14/2021	8:54:01	78788.02	394715.62	40.00	Soil	13,200	1.20
08/14/2021	8:54:02	78788.24	394715.71	39.98	Soil	11,340	-0.12
08/14/2021	8:54:03	78788.33	394715.87	39.92	Soil	13,740	1.58
08/14/2021	8:54:04	78788.50	394715.90	39.87	Soil	13,020	1.07
08/14/2021	8:54:05	78788.51	394716.17	39.71	Soil	12,660	0.82
08/14/2021	8:54:06	78788.80	394716.19	39.67	Soil	14,040	1.80
08/14/2021	8:54:07	78788.93	394716.35	39.60	Soil	15,420	2.78
08/14/2021	8:54:08	78788.92	394716.47	39.59	Soil	13,560	1.46
08/14/2021	8:54:09	78789.15	394716.46	39.59	Soil	13,620	1.50
08/14/2021	8:54:10	78789.21	394716.69	39.52	Soil	13,440	1.37
08/14/2021	8:54:11	78789.45	394716.73	39.54	Soil	13,440	1.37
08/14/2021	8:54:12	78789.56	394716.95	39.50	Soil	14,040	1.80
08/14/2021	8:54:13	78789.70	394717.03	39.51	Soil	14,100	1.84
08/14/2021	8:54:14	78790.01	394717.01	39.54	Soil	14,640	2.22
08/14/2021	8:54:15	78790.24	394717.15	39.53	Soil	14,400	2.05
08/14/2021	8:54:16	78790.55	394717.31	39.46	Soil	13,740	1.58
08/14/2021	8:54:17	78790.68	394717.55	39.44	Soil	14,040	1.80
08/14/2021	8:54:18	78790.91	394717.58	39.47	Soil	14,880	2.39
08/14/2021	8:54:19	78791.02	394717.80	39.43	Soil	12,540	0.73
08/14/2021	8:54:20	78791.26	394717.89	39.43	Soil	12,180	0.48
08/14/2021	8:54:21	78791.28	394718.10	39.34	Soil	13,020	1.07
08/14/2021	8:54:22	78791.63	394718.22	39.34	Soil	13,080	1.12
08/14/2021	8:54:23	78791.82	394718.40	39.28	Soil	13,320	1.29
08/14/2021	8:54:24	78792.06	394718.39	39.32	Soil	12,480	0.69
08/14/2021	8:54:25	78792.39	394718.61	39.33	Soil	12,660	0.82
08/14/2021	8:54:26	78792.68	394718.68	39.32	Soil	13,860	1.67
08/14/2021	8:54:27	78792.76	394718.87	39.27	Soil	13,080	1.12
08/14/2021	8:54:28	78793.01	394719.06	39.25	Soil	12,720	0.86
08/14/2021	8:54:29	78793.16	394719.38	39.22	Soil	12,540	0.73
08/14/2021	8:54:30	78793.32	394719.46	39.24	Soil	11,520	0.01
08/14/2021	8:54:31	78793.40	394719.68	39.23	Soil	13,740	1.58
08/14/2021	8:54:32	78793.67	394719.78	39.22	Soil	11,040	-0.33
08/14/2021	8:54:33	78793.91	394720.00	39.15	Soil	13,080	1.12
08/14/2021	8:54:34	78794.19	394720.08	39.18	Soil	13,200	1.20
08/14/2021	8:54:35	78794.48	394720.30	39.18	Soil	13,260	1.24
08/14/2021	8:54:36	78794.72	394720.56	39.20	Soil	14,700	2.27
08/14/2021	8:54:37	78794.98	394720.71	39.23	Soil	12,720	0.86

SU 7D GWS RESULTS
(SOIL)

08/14/2021	8:54:38	78795.11	394720.88	39.28	Soil	12,060	0.39
08/14/2021	8:54:39	78795.25	394720.98	39.29	Soil	13,980	1.75
08/14/2021	8:54:40	78795.11	394720.89	39.23	Soil	13,020	1.07
08/14/2021	8:54:41	78794.95	394720.94	39.20	Soil	12,480	0.69
08/14/2021	8:54:42	78794.95	394720.77	39.17	Soil	12,840	0.95
08/14/2021	8:54:43	78794.83	394720.71	39.14	Soil	12,840	0.95
08/14/2021	8:54:44	78794.66	394720.67	39.10	Soil	12,240	0.52
08/14/2021	8:54:45	78794.53	394720.48	39.07	Soil	13,560	1.46
08/14/2021	8:54:46	78794.41	394720.46	39.01	Soil	11,520	0.01
08/14/2021	8:54:47	78794.21	394720.23	39.04	Soil	13,080	1.12
08/14/2021	8:54:48	78794.01	394720.18	38.97	Soil	10,500	-0.71
08/14/2021	8:54:49	78793.88	394719.95	39.02	Soil	12,900	0.99
08/14/2021	8:54:50	78793.68	394719.92	39.04	Soil	13,500	1.41
08/14/2021	8:54:51	78793.52	394719.80	38.99	Soil	12,360	0.61
08/14/2021	8:54:52	78793.34	394719.58	39.05	Soil	11,100	-0.29
08/14/2021	8:54:53	78793.16	394719.41	39.06	Soil	13,140	1.16
08/14/2021	8:54:54	78793.03	394719.29	39.01	Soil	14,460	2.10
08/14/2021	8:54:55	78792.89	394719.11	39.00	Soil	13,920	1.71
08/14/2021	8:54:56	78792.76	394718.93	39.00	Soil	12,660	0.82
08/14/2021	8:54:57	78792.54	394718.76	38.98	Soil	12,480	0.69
08/14/2021	8:54:58	78792.27	394718.58	39.05	Soil	13,020	1.07
08/14/2021	8:54:59	78792.14	394718.61	39.04	Soil	12,360	0.61
08/14/2021	8:55:00	78792.03	394718.66	39.04	Soil	13,620	1.50
08/14/2021	8:55:01	78792.01	394718.36	39.08	Soil	13,020	1.07
08/14/2021	8:55:02	78791.85	394718.39	39.09	Soil	13,740	1.58
08/14/2021	8:55:03	78791.69	394718.34	39.10	Soil	13,380	1.33
08/14/2021	8:55:04	78791.49	394718.10	39.18	Soil	13,980	1.75
08/14/2021	8:55:05	78791.44	394717.85	39.17	Soil	14,100	1.84
08/14/2021	8:55:06	78791.16	394717.82	39.30	Soil	12,840	0.95
08/14/2021	8:55:07	78790.96	394717.58	39.28	Soil	13,140	1.16
08/14/2021	8:55:08	78790.62	394717.49	39.27	Soil	14,700	2.27
08/14/2021	8:55:09	78790.48	394717.35	39.29	Soil	13,860	1.67
08/14/2021	8:55:10	78790.16	394717.23	39.21	Soil	13,260	1.24
08/14/2021	8:55:11	78789.97	394717.10	39.31	Soil	14,940	2.44
08/14/2021	8:55:12	78789.74	394717.08	39.27	Soil	12,840	0.95
08/14/2021	8:55:13	78789.64	394716.92	39.27	Soil	14,940	2.44
08/14/2021	8:55:14	78789.54	394716.78	39.32	Soil	13,020	1.07
08/14/2021	8:55:15	78789.39	394716.65	39.32	Soil	13,380	1.33
08/14/2021	8:55:16	78789.15	394716.61	39.34	Soil	13,200	1.20
08/14/2021	8:55:17	78788.86	394716.43	39.30	Soil	13,020	1.07
08/14/2021	8:55:18	78788.56	394716.35	39.43	Soil	12,900	0.99
08/14/2021	8:55:19	78788.33	394716.15	39.42	Soil	14,160	1.88
08/14/2021	8:55:20	78788.20	394715.79	39.56	Soil	15,480	2.82
08/14/2021	8:55:21	78787.89	394715.51	39.48	Soil	12,240	0.52
08/14/2021	8:55:22	78787.79	394715.48	39.76	Soil	13,680	1.54
08/14/2021	8:55:23	78787.70	394715.50	39.80	Soil	12,780	0.90
08/14/2021	8:55:24	78787.68	394715.43	39.90	Soil	12,600	0.78
08/14/2021	8:55:25	78787.46	394715.29	39.94	Soil	12,480	0.69
08/14/2021	8:55:26	78787.17	394715.34	40.01	Soil	11,400	-0.08
08/14/2021	8:55:27	78786.89	394715.27	40.03	Soil	11,340	-0.12
08/14/2021	8:55:28	78786.60	394715.23	40.10	Soil	12,180	0.48

SU 7D GWS RESULTS
(SOIL)

08/14/2021	8:55:29	78786.30	394715.08	40.09	Soil	13,080	1.12
08/14/2021	8:55:30	78786.02	394714.93	40.11	Soil	12,960	1.03
08/14/2021	8:55:31	78785.74	394714.82	40.08	Soil	12,180	0.48
08/14/2021	8:55:32	78785.54	394714.64	40.07	Soil	12,060	0.39
08/14/2021	8:55:33	78785.23	394714.66	40.09	Soil	12,300	0.56
08/14/2021	8:55:34	78784.93	394714.45	40.10	Soil	13,140	1.16
08/14/2021	8:55:35	78784.61	394714.52	40.09	Soil	13,080	1.12
08/14/2021	8:55:36	78784.23	394714.40	40.06	Soil	13,980	1.75
08/14/2021	8:55:37	78783.91	394714.50	39.97	Soil	14,460	2.10
08/14/2021	8:55:38	78783.65	394714.39	39.88	Soil	13,860	1.67
08/14/2021	8:55:39	78783.39	394714.57	39.74	Soil	12,780	0.90
08/14/2021	8:55:40	78782.98	394714.43	39.76	Soil	14,640	2.22
08/14/2021	8:55:41	78782.71	394714.47	39.61	Soil	13,920	1.71
08/14/2021	8:55:42	78782.55	394714.68	39.54	Soil	14,280	1.97
08/14/2021	8:55:43	78782.31	394714.50	39.52	Soil	15,300	2.69
08/14/2021	8:55:44	78782.17	394714.63	39.49	Soil	16,140	3.29
08/14/2021	8:55:45	78782.15	394714.76	39.49	Soil	14,340	2.01
08/14/2021	8:55:46	78782.14	394714.78	39.50	Soil	15,660	2.95
08/14/2021	8:55:47	78782.12	394714.79	39.50	Soil	14,040	1.80
08/14/2021	8:55:48	78782.09	394714.76	39.49	Soil	16,140	3.29
08/14/2021	8:55:49	78782.07	394714.76	39.49	Soil	15,660	2.95
08/14/2021	8:55:50	78782.06	394714.78	39.48	Soil	14,160	1.88
08/14/2021	8:55:51	78782.10	394714.83	39.47	Soil	15,480	2.82
08/14/2021	8:55:52	78782.25	394714.83	39.40	Soil	14,340	2.01
08/14/2021	8:55:53	78782.17	394714.87	39.37	Soil	16,980	3.88
08/14/2021	8:55:54	78782.11	394714.90	39.37	Soil	14,760	2.31
08/14/2021	8:55:55	78782.13	394714.89	39.37	Soil	15,300	2.69
08/14/2021	8:55:56	78782.18	394714.87	39.36	Soil	16,020	3.20
08/14/2021	8:56:38	78782.54	394714.75	39.39	Soil	17,160	4.01
08/14/2021	8:56:39	78782.55	394714.73	39.40	Soil	13,020	1.07
08/14/2021	8:56:40	78782.55	394714.73	39.41	Soil	17,460	4.22
08/14/2021	8:56:41	78782.55	394714.74	39.41	Soil	13,800	1.63
08/14/2021	8:56:42	78782.56	394714.73	39.42	Soil	15,540	2.86
08/14/2021	8:56:43	78782.56	394714.72	39.42	Soil	13,860	1.67
08/14/2021	8:56:44	78782.55	394714.72	39.42	Soil	16,020	3.20
08/14/2021	8:56:45	78782.55	394714.71	39.42	Soil	15,240	2.65
08/14/2021	8:56:46	78782.55	394714.71	39.41	Soil	15,060	2.52
08/14/2021	8:56:47	78782.55	394714.71	39.41	Soil	13,920	1.71
08/14/2021	8:56:48	78782.55	394714.71	39.40	Soil	13,800	1.63
08/14/2021	8:56:49	78782.55	394714.69	39.40	Soil	17,700	4.39
08/14/2021	8:56:50	78782.53	394714.68	39.40	Soil	15,480	2.82
08/14/2021	8:56:51	78782.53	394714.69	39.40	Soil	14,220	1.92
08/14/2021	8:56:52	78782.51	394714.68	39.39	Soil	15,120	2.56
08/14/2021	8:56:53	78782.50	394714.66	39.39	Soil	15,000	2.48
08/14/2021	8:56:54	78782.50	394714.67	39.41	Soil	15,540	2.86
08/14/2021	8:56:55	78782.25	394714.79	39.45	Soil	15,240	2.65
08/14/2021	8:56:56	78781.78	394714.69	39.49	Soil	13,140	1.16
08/14/2021	8:56:57	78781.52	394714.99	39.46	Soil	12,660	0.82
08/14/2021	8:56:58	78781.17	394715.12	39.43	Soil	13,740	1.58
08/14/2021	8:56:59	78780.95	394715.47	39.37	Soil	13,380	1.33
08/14/2021	8:57:00	78780.65	394715.52	39.37	Soil	13,260	1.24

SU 7D GWS RESULTS
(SOIL)

08/14/2021	8:57:01	78780.45	394715.65	39.38	Soil	13,860	1.67
08/14/2021	8:57:02	78780.20	394715.75	39.36	Soil	11,220	-0.20
08/14/2021	8:57:03	78779.96	394715.90	39.32	Soil	13,680	1.54
08/14/2021	8:57:04	78779.84	394716.13	39.31	Soil	12,660	0.82
08/14/2021	8:57:05	78779.47	394716.30	39.33	Soil	12,960	1.03
08/14/2021	8:57:06	78779.23	394716.55	39.25	Soil	12,960	1.03
08/14/2021	8:57:07	78778.89	394716.80	39.22	Soil	14,520	2.14
08/14/2021	8:57:08	78778.92	394717.09	39.06	Soil	14,220	1.92
08/14/2021	8:57:09	78778.98	394717.27	39.05	Soil	11,520	0.01
08/14/2021	8:57:10	78778.92	394717.27	39.03	Soil	14,040	1.80
08/14/2021	8:57:11	78778.92	394717.27	39.03	Soil	13,140	1.16
08/14/2021	8:57:12	78778.93	394717.27	39.02	Soil	13,320	1.29
08/14/2021	8:57:13	78778.93	394717.26	39.02	Soil	13,680	1.54
08/14/2021	8:57:14	78778.95	394717.26	39.02	Soil	12,420	0.65
08/14/2021	8:57:15	78778.96	394717.27	39.02	Soil	11,880	0.27
08/14/2021	9:10:38	78776.44	394718.51	40.23	Soil	12,180	0.48
08/14/2021	9:10:39	78776.45	394718.51	40.24	Soil	11,280	-0.16
08/14/2021	9:10:40	78776.49	394718.48	40.24	Soil	13,020	1.07
08/14/2021	9:10:41	78776.53	394718.29	40.30	Soil	10,500	-0.71
08/14/2021	9:10:42	78776.61	394718.03	40.27	Soil	10,140	-0.97
08/14/2021	9:10:43	78776.73	394717.91	40.28	Soil	12,180	0.48
08/14/2021	9:10:44	78776.80	394717.63	40.28	Soil	10,860	-0.46
08/14/2021	9:10:45	78777.05	394717.51	40.27	Soil	10,500	-0.71
08/14/2021	9:10:46	78777.13	394717.25	40.25	Soil	12,840	0.95
08/14/2021	9:10:47	78777.26	394717.24	40.25	Soil	12,300	0.56
08/14/2021	9:10:48	78777.26	394717.04	40.26	Soil	13,680	1.54
08/14/2021	9:10:49	78777.35	394716.78	40.22	Soil	12,900	0.99
08/14/2021	9:10:50	78777.66	394716.50	40.24	Soil	12,660	0.82
08/14/2021	9:10:51	78777.72	394716.34	40.23	Soil	11,520	0.01
08/14/2021	9:10:52	78777.92	394716.31	40.25	Soil	11,160	-0.25
08/14/2021	9:10:53	78778.10	394716.13	40.25	Soil	13,260	1.24
08/14/2021	9:10:54	78778.04	394716.20	40.24	Soil	12,360	0.61
08/14/2021	9:10:55	78777.93	394716.40	40.19	Soil	12,360	0.61
08/14/2021	9:10:56	78777.97	394716.58	40.13	Soil	13,620	1.50
08/14/2021	9:10:57	78777.94	394716.70	40.13	Soil	10,920	-0.42
08/14/2021	9:10:58	78777.90	394716.75	40.10	Soil	11,340	-0.12
08/14/2021	9:10:59	78777.97	394716.78	40.10	Soil	13,320	1.29
08/14/2021	9:11:00	78777.85	394716.79	40.15	Soil	11,640	0.10
08/14/2021	9:11:01	78777.39	394716.92	40.25	Soil	12,060	0.39
08/14/2021	9:11:02	78777.18	394717.20	40.28	Soil	11,220	-0.20
08/14/2021	9:11:03	78777.11	394717.22	40.30	Soil	10,800	-0.50
08/14/2021	9:11:04	78777.16	394717.36	40.33	Soil	11,040	-0.33
08/14/2021	9:11:05	78777.06	394717.60	40.32	Soil	11,580	0.05
08/14/2021	9:11:06	78777.26	394717.55	40.31	Soil	13,020	1.07
08/14/2021	9:11:07	78777.27	394717.61	40.34	Soil	11,280	-0.16
08/14/2021	9:11:08	78777.22	394717.43	40.34	Soil	12,000	0.35
08/14/2021	9:11:09	78777.40	394717.11	40.30	Soil	12,840	0.95
08/14/2021	9:11:10	78777.63	394716.66	40.24	Soil	12,660	0.82
08/14/2021	9:11:11	78777.88	394716.52	40.30	Soil	12,600	0.78
08/14/2021	9:11:12	78777.94	394716.41	40.28	Soil	11,040	-0.33
08/14/2021	9:11:13	78778.25	394716.41	40.31	Soil	12,180	0.48

SU 7D GWS RESULTS
(SOIL)

08/14/2021	9:11:14	78778.25	394716.25	40.40	Soil	13,740	1.58
08/14/2021	9:11:15	78778.17	394715.99	40.37	Soil	11,760	0.18
08/14/2021	9:11:16	78778.43	394715.84	40.45	Soil	12,120	0.44
08/14/2021	9:11:17	78778.41	394715.61	40.45	Soil	13,080	1.12
08/14/2021	9:11:18	78778.59	394715.47	40.46	Soil	13,320	1.29
08/14/2021	9:11:19	78778.74	394715.28	40.46	Soil	11,700	0.14
08/14/2021	9:11:20	78778.84	394715.13	40.44	Soil	11,700	0.14
08/14/2021	9:11:21	78778.87	394715.00	40.49	Soil	12,000	0.35
08/14/2021	9:11:22	78778.94	394714.79	40.53	Soil	13,320	1.29
08/14/2021	9:11:23	78779.03	394714.61	40.55	Soil	14,340	2.01
08/14/2021	9:11:24	78779.12	394714.51	40.56	Soil	11,760	0.18
08/14/2021	9:11:25	78779.15	394714.38	40.56	Soil	10,920	-0.42
08/14/2021	9:11:26	78779.18	394714.16	40.52	Soil	14,400	2.05
08/14/2021	9:11:27	78779.33	394714.08	40.48	Soil	10,560	-0.67
08/14/2021	9:11:28	78779.52	394714.25	40.49	Soil	11,160	-0.25
08/14/2021	9:11:29	78779.60	394714.22	40.51	Soil	12,120	0.44
08/14/2021	9:11:30	78779.71	394714.05	40.52	Soil	12,240	0.52
08/14/2021	9:11:31	78779.88	394713.96	40.52	Soil	14,220	1.92
08/14/2021	9:11:32	78780.06	394713.94	40.57	Soil	13,200	1.20
08/14/2021	9:11:33	78780.24	394713.62	40.59	Soil	12,300	0.56
08/14/2021	9:11:34	78780.51	394713.58	40.62	Soil	12,660	0.82
08/14/2021	9:11:35	78780.67	394713.40	40.60	Soil	13,560	1.46
08/14/2021	9:11:36	78780.72	394713.54	40.60	Soil	12,060	0.39
08/14/2021	9:11:37	78780.89	394713.52	40.55	Soil	13,560	1.46
08/14/2021	9:11:38	78780.79	394713.45	40.53	Soil	13,680	1.54
08/14/2021	9:11:39	78780.75	394713.57	40.50	Soil	13,860	1.67
08/14/2021	9:11:40	78780.56	394713.53	40.49	Soil	12,960	1.03
08/14/2021	9:11:41	78780.52	394713.75	40.53	Soil	13,380	1.33
08/14/2021	9:11:42	78780.50	394713.76	40.52	Soil	13,620	1.50
08/14/2021	9:11:43	78780.52	394713.79	40.53	Soil	12,420	0.65
08/14/2021	9:11:44	78780.56	394713.79	40.56	Soil	13,980	1.75
08/14/2021	9:11:45	78780.52	394713.81	40.56	Soil	12,240	0.52
08/14/2021	9:11:46	78780.46	394713.82	40.61	Soil	13,380	1.33
08/14/2021	9:11:47	78780.40	394713.86	40.68	Soil	14,340	2.01
08/14/2021	9:11:48	78780.29	394713.93	40.64	Soil	13,320	1.29
08/14/2021	9:11:49	78780.16	394713.95	40.61	Soil	13,920	1.71
08/14/2021	9:11:50	78780.09	394714.00	40.59	Soil	15,060	2.52
08/14/2021	9:11:51	78780.05	394714.09	40.57	Soil	12,840	0.95
08/14/2021	9:11:52	78779.89	394714.08	40.59	Soil	13,260	1.24
08/14/2021	9:11:53	78779.88	394714.16	40.55	Soil	14,340	2.01
08/14/2021	9:11:54	78779.81	394714.28	40.50	Soil	13,860	1.67
08/14/2021	9:11:55	78779.71	394714.32	40.46	Soil	13,260	1.24
08/14/2021	9:11:56	78779.68	394714.35	40.44	Soil	13,440	1.37
08/14/2021	9:11:57	78779.58	394714.39	40.45	Soil	12,240	0.52
08/14/2021	9:11:58	78779.47	394714.48	40.48	Soil	12,480	0.69
08/14/2021	9:11:59	78779.29	394714.40	40.54	Soil	11,880	0.27
08/14/2021	9:12:00	78779.22	394714.58	40.52	Soil	13,260	1.24
08/14/2021	9:12:01	78779.05	394714.55	40.49	Soil	13,620	1.50
08/14/2021	9:12:02	78779.02	394714.71	40.46	Soil	10,500	-0.71
08/14/2021	9:12:03	78778.88	394714.85	40.44	Soil	12,720	0.86
08/14/2021	9:12:04	78778.77	394715.05	40.40	Soil	12,960	1.03

SU 7D GWS RESULTS
(SOIL)

08/14/2021	9:12:05	78778.71	394715.22	40.36	Soil	12,660	0.82
08/14/2021	9:12:06	78778.56	394715.36	40.34	Soil	12,480	0.69
08/14/2021	9:12:07	78778.57	394715.45	40.33	Soil	12,960	1.03
08/14/2021	9:12:08	78778.38	394715.54	40.36	Soil	12,480	0.69
08/14/2021	9:12:09	78778.44	394715.50	40.34	Soil	13,440	1.37
08/14/2021	9:12:10	78778.28	394715.66	40.34	Soil	12,360	0.61
08/14/2021	9:12:11	78778.48	394715.59	40.26	Soil	11,640	0.10
08/14/2021	9:12:12	78778.71	394715.73	40.23	Soil	11,940	0.31
08/14/2021	9:12:13	78778.86	394715.76	40.17	Soil	12,900	0.99
08/14/2021	9:12:14	78779.15	394715.55	40.01	Soil	13,140	1.16
08/14/2021	9:12:15	78779.36	394715.68	39.98	Soil	12,780	0.90
08/14/2021	9:12:16	78779.44	394715.47	39.97	Soil	13,560	1.46
08/14/2021	9:12:17	78779.51	394715.29	39.90	Soil	12,360	0.61
08/14/2021	9:12:18	78779.66	394715.41	39.87	Soil	13,680	1.54
08/14/2021	9:12:19	78779.69	394715.43	39.86	Soil	13,260	1.24
08/14/2021	9:12:20	78779.59	394715.29	39.94	Soil	13,320	1.29
08/14/2021	9:12:21	78779.44	394715.04	39.98	Soil	14,340	2.01
08/14/2021	9:12:22	78779.51	394714.83	39.99	Soil	12,240	0.52
08/14/2021	9:12:23	78779.23	394714.92	40.05	Soil	10,500	-0.71
08/14/2021	9:12:24	78779.00	394715.02	40.08	Soil	13,320	1.29
08/14/2021	9:12:25	78779.00	394715.01	40.07	Soil	13,260	1.24
08/14/2021	9:12:26	78779.02	394715.13	40.07	Soil	12,180	0.48
08/14/2021	9:12:27	78779.05	394715.15	40.06	Soil	12,960	1.03
08/14/2021	9:12:28	78779.06	394715.13	40.05	Soil	13,080	1.12
08/14/2021	9:12:29	78779.02	394715.04	40.12	Soil	12,540	0.73
08/14/2021	9:12:30	78778.93	394714.79	40.13	Soil	13,920	1.71
08/14/2021	9:12:31	78778.88	394714.87	40.13	Soil	13,140	1.16
08/14/2021	9:12:32	78779.05	394714.74	40.14	Soil	12,840	0.95
08/14/2021	9:12:33	78779.10	394714.36	40.11	Soil	14,040	1.80
08/14/2021	9:12:34	78779.38	394714.22	40.12	Soil	13,020	1.07
08/14/2021	9:12:35	78779.61	394713.94	40.15	Soil	12,900	0.99
08/14/2021	9:12:36	78779.95	394713.88	40.17	Soil	13,380	1.33
08/14/2021	9:12:37	78780.40	394713.67	40.16	Soil	13,080	1.12
08/14/2021	9:12:38	78780.84	394713.66	40.15	Soil	13,920	1.71
08/14/2021	9:12:39	78781.18	394713.80	40.09	Soil	13,980	1.75
08/14/2021	9:12:40	78781.45	394714.10	39.96	Soil	13,020	1.07
08/14/2021	9:12:41	78781.65	394714.46	39.83	Soil	14,580	2.18
08/14/2021	9:12:42	78781.93	394714.76	39.74	Soil	13,620	1.50
08/14/2021	9:12:43	78782.09	394715.12	39.65	Soil	15,300	2.69
08/14/2021	9:12:44	78782.27	394715.26	39.64	Soil	15,780	3.03
08/14/2021	9:12:45	78782.28	394715.33	39.66	Soil	14,700	2.27
08/14/2021	9:12:46	78782.27	394715.32	39.67	Soil	15,120	2.56
08/14/2021	9:12:47	78782.25	394715.30	39.68	Soil	14,160	1.88
08/14/2021	9:12:48	78782.24	394715.30	39.70	Soil	16,200	3.33
08/14/2021	9:12:49	78782.24	394715.28	39.71	Soil	15,000	2.48
08/14/2021	9:12:50	78782.25	394715.28	39.72	Soil	14,820	2.35
08/14/2021	9:12:51	78782.25	394715.28	39.74	Soil	12,660	0.82
08/14/2021	9:12:52	78782.25	394715.25	39.76	Soil	15,960	3.16
08/14/2021	9:12:53	78782.25	394715.23	39.78	Soil	14,220	1.92
08/14/2021	9:12:54	78782.24	394715.22	39.79	Soil	14,340	2.01
08/14/2021	9:12:55	78782.24	394715.19	39.81	Soil	13,080	1.12

SU 7D GWS RESULTS
(SOIL)

08/14/2021	9:12:56	78782.24	394715.18	39.83	Soil	14,640	2.22
08/14/2021	9:12:57	78782.24	394715.19	39.85	Soil	14,100	1.84
08/14/2021	9:12:58	78782.24	394715.19	39.86	Soil	14,880	2.39
08/14/2021	9:12:59	78782.23	394715.18	39.89	Soil	15,720	2.99
08/14/2021	9:13:00	78782.22	394715.17	39.90	Soil	13,980	1.75
08/14/2021	9:13:01	78782.20	394715.16	39.93	Soil	16,020	3.20
08/14/2021	9:13:02	78782.16	394715.12	39.94	Soil	14,100	1.84
08/14/2021	9:13:03	78782.12	394715.19	39.96	Soil	15,360	2.73
08/14/2021	9:13:04	78782.12	394715.19	39.98	Soil	15,840	3.07
08/14/2021	9:13:05	78782.11	394715.20	39.99	Soil	14,760	2.31
08/14/2021	9:13:06	78782.11	394715.20	40.01	Soil	14,940	2.44
08/14/2021	9:13:07	78782.12	394715.21	40.02	Soil	15,180	2.61
08/14/2021	9:13:08	78782.14	394715.21	40.03	Soil	15,780	3.03
08/14/2021	9:13:09	78782.13	394715.19	40.04	Soil	17,820	4.48
08/14/2021	9:13:10	78782.12	394715.20	40.05	Soil	14,520	2.14
08/14/2021	9:13:11	78782.10	394715.20	40.06	Soil	13,860	1.67
08/14/2021	9:13:12	78782.07	394715.17	40.07	Soil	14,940	2.44
08/14/2021	9:13:13	78782.07	394715.17	40.08	Soil	16,020	3.20
08/14/2021	9:13:14	78782.07	394715.18	40.09	Soil	14,700	2.27
08/14/2021	9:13:15	78782.08	394715.20	40.10	Soil	15,780	3.03
08/14/2021	9:13:16	78782.07	394715.20	40.10	Soil	13,920	1.71
08/14/2021	9:13:17	78782.05	394715.20	40.11	Soil	15,840	3.07
08/14/2021	9:13:18	78782.05	394715.19	40.13	Soil	14,940	2.44
08/14/2021	9:13:19	78782.12	394715.21	40.11	Soil	17,940	4.56
08/14/2021	9:13:20	78782.23	394715.22	40.09	Soil	14,280	1.97
08/14/2021	9:13:21	78782.31	394715.25	40.04	Soil	14,940	2.44
08/14/2021	9:13:22	78782.21	394715.43	40.04	Soil	14,100	1.84
08/14/2021	9:13:23	78782.08	394715.51	40.01	Soil	16,620	3.63
08/14/2021	9:13:24	78782.15	394715.52	39.99	Soil	14,100	1.84
08/14/2021	9:13:25	78782.13	394715.54	40.01	Soil	15,900	3.12
08/14/2021	9:13:26	78782.07	394715.49	40.00	Soil	14,580	2.18
08/14/2021	9:13:27	78782.03	394715.51	39.99	Soil	16,320	3.41
08/14/2021	9:13:28	78782.03	394715.52	39.99	Soil	13,560	1.46
08/14/2021	9:13:29	78782.04	394715.54	39.98	Soil	14,700	2.27
08/14/2021	9:13:30	78782.03	394715.55	39.99	Soil	15,840	3.07
08/14/2021	9:22:46	78782.25	394714.61	39.92	Soil	15,180	2.61
08/14/2021	9:22:48	78782.10	394714.48	39.88	Soil	13,260	1.24
08/14/2021	9:22:48	78781.93	394714.62	39.89	Soil	14,160	1.88
08/14/2021	9:22:49	78781.82	394714.66	39.94	Soil	13,080	1.12
08/14/2021	9:22:50	78781.57	394714.51	39.91	Soil	15,780	3.03
08/14/2021	9:22:52	78781.47	394714.49	39.91	Soil	13,440	1.37
08/14/2021	9:22:52	78781.44	394714.39	39.98	Soil	15,060	2.52
08/14/2021	9:22:53	78781.61	394714.51	39.94	Soil	13,560	1.46
08/14/2021	9:22:55	78781.62	394714.31	39.96	Soil	12,780	0.90
08/14/2021	9:22:55	78781.83	394714.30	39.96	Soil	11,760	0.18
08/14/2021	9:22:56	78781.90	394714.32	39.96	Soil	14,400	2.05
08/14/2021	9:22:57	78781.91	394714.21	39.95	Soil	13,620	1.50
08/14/2021	9:22:58	78781.95	394714.32	39.95	Soil	14,580	2.18
08/14/2021	9:23:00	78781.59	394714.24	39.88	Soil	14,520	2.14
08/14/2021	9:23:01	78781.46	394714.47	39.90	Soil	13,320	1.29
08/14/2021	9:23:02	78781.03	394714.35	39.88	Soil	13,380	1.33

SU 7D GWS RESULTS
(SOIL)

08/14/2021	9:23:02	78780.99	394714.64	39.88	Soil	12,540	0.73
08/14/2021	9:23:04	78780.77	394714.54	39.84	Soil	12,840	0.95
08/14/2021	9:23:05	78780.63	394714.72	39.82	Soil	13,680	1.54
08/14/2021	9:23:05	78780.62	394714.80	39.84	Soil	15,540	2.86
08/14/2021	9:23:06	78780.32	394714.66	39.84	Soil	15,720	2.99
08/14/2021	9:23:07	78780.35	394714.85	39.84	Soil	15,060	2.52
08/14/2021	9:23:08	78780.08	394714.76	39.84	Soil	13,920	1.71
08/14/2021	9:23:09	78780.06	394715.02	39.82	Soil	13,200	1.20
08/14/2021	9:23:10	78779.78	394715.02	39.80	Soil	13,380	1.33
08/14/2021	9:23:11	78779.86	394715.18	39.80	Soil	12,840	0.95
08/14/2021	9:23:12	78779.56	394715.19	39.79	Soil	13,680	1.54
08/14/2021	9:23:14	78779.42	394715.46	39.82	Soil	13,200	1.20
08/14/2021	9:23:15	78779.29	394715.63	39.84	Soil	13,320	1.29
08/14/2021	9:23:15	78779.31	394715.65	39.84	Soil	13,080	1.12
08/14/2021	9:23:17	78779.32	394715.66	39.92	Soil	12,420	0.65
08/14/2021	9:23:17	78779.05	394715.46	39.92	Soil	11,940	0.31
08/14/2021	9:23:19	78778.88	394715.72	39.93	Soil	13,620	1.50
08/14/2021	9:23:20	78778.94	394715.63	39.93	Soil	11,460	-0.03
08/14/2021	9:23:21	78779.06	394715.58	39.90	Soil	13,500	1.41
08/14/2021	9:23:22	78778.91	394715.59	39.94	Soil	11,940	0.31
08/14/2021	9:23:23	78778.80	394715.57	39.95	Soil	12,180	0.48
08/14/2021	9:23:24	78778.69	394715.43	40.00	Soil	12,780	0.90
08/14/2021	9:23:25	78778.65	394715.58	40.00	Soil	11,760	0.18
08/14/2021	9:23:26	78778.64	394715.64	39.99	Soil	12,180	0.48
08/14/2021	9:23:27	78778.79	394715.42	39.98	Soil	12,660	0.82
08/14/2021	9:23:28	78778.65	394715.67	39.93	Soil	12,300	0.56
08/14/2021	9:23:29	78778.92	394715.71	39.95	Soil	12,240	0.52
08/14/2021	9:23:30	78778.76	394715.78	39.91	Soil	14,520	2.14
08/14/2021	9:23:31	78778.86	394715.91	39.90	Soil	11,700	0.14
08/14/2021	9:23:32	78778.93	394715.97	39.88	Soil	12,600	0.78
08/14/2021	9:23:33	78778.90	394716.01	39.87	Soil	11,880	0.27
08/14/2021	9:23:34	78778.95	394716.01	39.86	Soil	12,480	0.69
08/14/2021	9:23:35	78778.98	394715.99	39.85	Soil	10,860	-0.46
08/14/2021	9:23:35	78778.98	394715.99	39.85	Soil	14,520	2.14
08/14/2021	9:23:37	78779.00	394716.01	39.84	Soil	13,800	1.63
08/14/2021	9:23:38	78779.00	394716.02	39.83	Soil	13,740	1.58
08/14/2021	9:23:39	78779.01	394716.00	39.81	Soil	13,020	1.07
08/14/2021	9:23:40	78779.02	394716.01	39.79	Soil	12,900	0.99
08/14/2021	9:23:41	78779.02	394716.00	39.77	Soil	11,460	-0.03
08/14/2021	9:23:42	78779.02	394716.02	39.77	Soil	14,760	2.31
08/14/2021	9:23:43	78778.76	394715.96	39.79	Soil	13,860	1.67
08/14/2021	9:23:44	78778.90	394715.88	39.86	Soil	12,360	0.61
08/14/2021	9:23:45	78779.09	394715.89	39.84	Soil	12,480	0.69
08/14/2021	9:23:46	78779.31	394715.58	39.78	Soil	13,800	1.63
08/14/2021	9:23:47	78779.64	394715.34	39.78	Soil	13,620	1.50
08/14/2021	9:23:48	78780.05	394715.15	39.78	Soil	13,440	1.37
08/14/2021	9:23:49	78780.09	394714.82	39.87	Soil	13,800	1.63
08/14/2021	9:23:49	78780.35	394714.66	39.89	Soil	12,420	0.65
08/14/2021	9:23:51	78780.56	394714.29	39.95	Soil	12,360	0.61
08/14/2021	9:23:52	78780.96	394714.20	39.96	Soil	12,180	0.48
08/14/2021	9:23:53	78781.39	394714.09	39.99	Soil	13,260	1.24

SU 7D GWS RESULTS
(SOIL)

08/14/2021	9:23:54	78781.82	394713.78	40.08	Soil	12,000	0.35
08/14/2021	9:23:54	78781.99	394713.88	40.15	Soil	12,960	1.03
08/14/2021	9:23:56	78782.40	394713.87	40.19	Soil	10,560	-0.67
08/14/2021	9:23:56	78782.70	394714.00	40.19	Soil	12,360	0.61
08/14/2021	9:23:58	78783.17	394713.91	40.27	Soil	11,760	0.18
08/14/2021	9:23:59	78783.57	394714.09	40.37	Soil	12,360	0.61
08/14/2021	9:23:59	78783.75	394713.90	40.37	Soil	11,520	0.01
08/14/2021	9:24:01	78784.03	394714.20	40.38	Soil	11,700	0.14
08/14/2021	9:24:02	78784.35	394714.12	40.44	Soil	13,200	1.20
08/14/2021	9:24:03	78784.53	394714.17	40.45	Soil	13,020	1.07
08/14/2021	9:24:03	78784.74	394714.21	40.45	Soil	12,360	0.61
08/14/2021	9:24:05	78785.04	394713.98	40.61	Soil	11,700	0.14
08/14/2021	9:24:06	78785.28	394714.02	40.61	Soil	13,320	1.29
08/14/2021	9:24:07	78785.41	394713.90	40.62	Soil	11,940	0.31
08/14/2021	9:24:07	78785.26	394713.95	40.61	Soil	13,140	1.16
08/14/2021	9:24:08	78785.32	394713.82	40.63	Soil	14,820	2.35
08/14/2021	9:24:10	78784.96	394713.75	40.66	Soil	11,880	0.27
08/14/2021	9:24:11	78784.87	394713.97	40.64	Soil	12,120	0.44
08/14/2021	9:24:11	78784.75	394713.65	40.63	Soil	11,280	-0.16
08/14/2021	9:24:13	78784.44	394713.84	40.59	Soil	13,560	1.46
08/14/2021	9:24:14	78784.36	394713.57	40.61	Soil	14,640	2.22
08/14/2021	9:24:14	78784.09	394713.77	40.61	Soil	12,660	0.82
08/14/2021	9:24:16	78783.96	394713.79	40.54	Soil	14,040	1.80
08/14/2021	9:24:16	78783.83	394713.60	40.54	Soil	11,460	-0.03
08/14/2021	9:24:18	78783.86	394713.81	40.53	Soil	11,880	0.27
08/14/2021	9:24:19	78783.65	394713.68	40.53	Soil	12,720	0.86
08/14/2021	9:24:20	78783.56	394713.56	40.50	Soil	14,100	1.84
08/14/2021	9:24:21	78783.63	394713.64	40.49	Soil	12,060	0.39
08/14/2021	9:24:21	78783.61	394713.70	40.49	Soil	12,480	0.69
08/14/2021	9:24:23	78783.48	394713.68	40.55	Soil	12,840	0.95
08/14/2021	9:24:24	78783.97	394713.75	40.55	Soil	13,440	1.37
08/14/2021	9:24:24	78783.96	394713.97	40.54	Soil	12,060	0.39
08/14/2021	9:24:25	78784.04	394713.90	40.56	Soil	12,780	0.90
08/14/2021	9:24:26	78784.26	394713.83	40.58	Soil	12,060	0.39
08/14/2021	9:24:28	78784.40	394713.93	40.60	Soil	12,480	0.69
08/14/2021	9:24:28	78784.66	394713.75	40.66	Soil	12,240	0.52
08/14/2021	9:24:29	78784.75	394714.03	40.62	Soil	12,420	0.65
08/14/2021	9:24:31	78785.18	394714.01	40.67	Soil	11,520	0.01
08/14/2021	9:24:32	78785.39	394714.09	40.67	Soil	12,420	0.65
08/14/2021	9:24:32	78785.62	394714.00	40.65	Soil	12,960	1.03
08/14/2021	9:24:33	78785.70	394714.33	40.62	Soil	11,340	-0.12
08/14/2021	9:24:35	78786.13	394714.20	40.67	Soil	12,900	0.99
08/14/2021	9:24:35	78786.33	394714.45	40.67	Soil	12,600	0.78
08/14/2021	9:24:37	78786.59	394714.34	40.69	Soil	11,520	0.01
08/14/2021	9:24:37	78786.72	394714.58	40.70	Soil	12,060	0.39
08/14/2021	9:24:39	78786.91	394714.67	40.69	Soil	12,120	0.44
08/14/2021	9:24:39	78787.08	394714.55	40.67	Soil	12,300	0.56
08/14/2021	9:24:40	78787.13	394714.84	40.67	Soil	13,740	1.58
08/14/2021	9:24:41	78787.36	394714.81	40.65	Soil	11,520	0.01
08/14/2021	9:24:43	78787.37	394714.83	40.68	Soil	13,500	1.41
08/14/2021	9:24:43	78787.35	394714.80	40.68	Soil	13,200	1.20

SU 7D GWS RESULTS
(SOIL)

08/14/2021	9:24:44	78787.36	394714.76	40.70	Soil	12,840	0.95
08/14/2021	9:24:45	78787.40	394714.72	40.71	Soil	13,200	1.20
08/14/2021	9:24:47	78787.43	394714.68	40.73	Soil	11,220	-0.20
08/14/2021	9:24:48	78787.42	394714.98	40.74	Soil	12,840	0.95
08/14/2021	9:24:49	78787.60	394714.84	40.74	Soil	12,420	0.65
08/14/2021	9:24:49	78787.59	394715.14	40.74	Soil	11,820	0.22
08/14/2021	9:24:50	78787.78	394715.08	40.74	Soil	11,760	0.18
08/14/2021	9:24:52	78787.82	394715.05	40.72	Soil	13,260	1.24
08/14/2021	9:24:52	78787.74	394715.16	40.74	Soil	11,400	-0.08
08/14/2021	9:24:53	78787.78	394715.13	40.73	Soil	11,040	-0.33
08/14/2021	9:24:55	78787.75	394715.09	40.74	Soil	13,440	1.37
08/14/2021	9:24:55	78787.73	394715.05	40.75	Soil	14,040	1.80
08/14/2021	9:24:56	78787.82	394714.97	40.76	Soil	13,080	1.12
08/14/2021	9:24:58	78787.81	394714.95	40.78	Soil	10,740	-0.54
08/14/2021	9:24:58	78787.70	394715.07	40.80	Soil	12,840	0.95
08/14/2021	9:24:59	78787.73	394715.12	40.81	Soil	12,240	0.52
08/14/2021	9:25:00	78787.72	394715.11	40.79	Soil	14,460	2.10
08/14/2021	9:25:01	78787.79	394715.25	40.73	Soil	11,280	-0.16
08/14/2021	9:25:03	78787.84	394715.13	40.75	Soil	12,000	0.35
08/14/2021	9:25:03	78787.82	394715.02	40.77	Soil	13,080	1.12
08/14/2021	9:25:04	78787.78	394715.05	40.80	Soil	13,680	1.54
08/14/2021	9:25:05	78787.73	394715.30	40.77	Soil	11,820	0.22
08/14/2021	9:25:06	78788.03	394715.11	40.75	Soil	13,500	1.41
08/14/2021	9:25:07	78788.07	394715.17	40.73	Soil	13,320	1.29
08/14/2021	9:25:09	78788.09	394715.32	40.72	Soil	13,320	1.29
08/14/2021	9:25:09	78788.20	394715.25	40.71	Soil	11,460	-0.03
08/14/2021	9:25:10	78788.01	394715.40	40.68	Soil	13,320	1.29
08/14/2021	9:25:11	78788.30	394715.45	40.69	Soil	12,660	0.82
08/14/2021	9:25:12	78788.22	394715.44	40.68	Soil	11,400	-0.08
08/14/2021	9:25:13	78788.14	394715.42	40.68	Soil	13,800	1.63
08/14/2021	9:25:14	78788.27	394715.59	40.73	Soil	12,900	0.99
08/14/2021	9:25:15	78788.27	394715.35	40.71	Soil	13,140	1.16
08/14/2021	9:25:16	78788.18	394715.46	40.68	Soil	12,780	0.90
08/14/2021	9:25:17	78788.22	394715.57	40.66	Soil	12,840	0.95
08/14/2021	9:25:19	78788.29	394715.55	40.67	Soil	11,460	-0.03
08/14/2021	9:25:20	78788.25	394715.52	40.65	Soil	13,140	1.16
08/14/2021	9:25:21	78788.27	394715.31	40.63	Soil	12,120	0.44
08/14/2021	9:25:21	78788.16	394715.46	40.62	Soil	12,240	0.52
08/14/2021	9:25:22	78788.24	394715.27	40.59	Soil	15,600	2.90
08/14/2021	9:25:23	78788.14	394715.13	40.59	Soil	12,420	0.65
08/14/2021	9:25:25	78788.02	394714.95	40.58	Soil	11,580	0.05
08/14/2021	9:25:25	78788.00	394714.81	40.60	Soil	12,600	0.78
08/14/2021	9:25:26	78787.61	394715.13	40.64	Soil	11,700	0.14
08/14/2021	9:25:28	78787.60	394714.97	40.64	Soil	12,540	0.73
08/14/2021	9:25:28	78787.67	394714.77	40.65	Soil	12,240	0.52
08/14/2021	9:25:30	78787.42	394714.84	40.68	Soil	12,600	0.78
08/14/2021	9:25:30	78787.37	394714.63	40.68	Soil	13,320	1.29
08/14/2021	9:25:32	78787.46	394714.45	40.64	Soil	11,280	-0.16
08/14/2021	9:25:32	78787.35	394714.63	40.65	Soil	11,400	-0.08
08/14/2021	9:25:33	78787.18	394714.85	40.64	Soil	12,240	0.52
08/14/2021	9:25:34	78787.09	394714.66	40.67	Soil	12,540	0.73

SU 7D GWS RESULTS
(SOIL)

08/14/2021	9:25:35	78787.00	394714.86	40.68	Soil	12,120	0.44
08/14/2021	9:25:36	78786.97	394714.97	40.67	Soil	12,300	0.56
08/14/2021	9:25:37	78787.01	394715.03	40.64	Soil	14,040	1.80
08/14/2021	9:25:38	78787.01	394715.04	40.64	Soil	12,240	0.52
08/14/2021	9:25:39	78787.02	394715.04	40.65	Soil	12,120	0.44
08/14/2021	9:25:40	78787.03	394714.87	40.65	Soil	12,600	0.78
08/14/2021	9:25:41	78787.07	394714.66	40.64	Soil	11,640	0.10
08/14/2021	9:25:42	78787.05	394714.83	40.62	Soil	13,020	1.07
08/14/2021	9:25:43	78787.34	394714.75	40.64	Soil	12,780	0.90
08/14/2021	9:25:44	78787.58	394714.78	40.62	Soil	13,800	1.63
08/14/2021	9:25:45	78787.75	394714.87	40.60	Soil	15,420	2.78
08/14/2021	9:25:46	78788.02	394714.75	40.61	Soil	11,580	0.05
08/14/2021	9:25:47	78788.03	394715.05	40.62	Soil	12,120	0.44
08/14/2021	9:25:48	78788.21	394715.09	40.62	Soil	13,440	1.37
08/14/2021	9:25:49	78788.27	394715.38	40.64	Soil	13,860	1.67
08/14/2021	9:25:50	78788.31	394715.48	40.66	Soil	11,640	0.10
08/14/2021	9:25:51	78788.55	394715.42	40.68	Soil	11,280	-0.16
08/14/2021	9:25:52	78788.78	394715.59	40.65	Soil	10,860	-0.46
08/14/2021	9:25:53	78789.23	394715.50	40.73	Soil	13,920	1.71
08/14/2021	9:25:54	78789.47	394715.64	40.68	Soil	12,840	0.95
08/14/2021	9:25:55	78789.75	394715.71	40.69	Soil	12,600	0.78
08/14/2021	9:25:57	78789.74	394715.85	40.66	Soil	13,500	1.41
08/14/2021	9:25:57	78789.97	394716.00	40.65	Soil	12,060	0.39
08/14/2021	9:25:58	78790.22	394716.20	40.67	Soil	12,120	0.44
08/14/2021	9:25:59	78790.31	394716.26	40.67	Soil	12,300	0.56
08/14/2021	9:26:00	78790.28	394716.29	40.68	Soil	13,620	1.50
08/14/2021	9:26:01	78790.31	394716.29	40.69	Soil	12,960	1.03
08/14/2021	9:26:02	78790.55	394716.16	40.75	Soil	12,120	0.44
08/14/2021	9:26:03	78790.77	394716.26	40.70	Soil	11,940	0.31
08/14/2021	9:26:04	78790.88	394716.22	40.76	Soil	13,260	1.24
08/14/2021	9:26:05	78791.09	394716.09	40.76	Soil	12,480	0.69
08/14/2021	9:26:06	78790.97	394715.89	40.78	Soil	12,660	0.82
08/14/2021	9:26:07	78790.92	394716.09	40.78	Soil	12,480	0.69
08/14/2021	9:26:08	78790.93	394715.93	40.77	Soil	12,840	0.95
08/14/2021	9:26:09	78790.60	394716.11	40.80	Soil	12,180	0.48
08/14/2021	9:26:10	78790.51	394715.91	40.79	Soil	10,260	-0.88
08/14/2021	9:26:11	78790.33	394715.94	40.77	Soil	10,740	-0.54
08/14/2021	9:26:13	78790.10	394715.92	40.75	Soil	12,300	0.56
08/14/2021	9:26:13	78790.14	394716.09	40.71	Soil	11,160	-0.25
08/14/2021	9:26:14	78790.12	394716.06	40.74	Soil	12,960	1.03
08/14/2021	9:26:15	78790.48	394716.14	40.76	Soil	11,220	-0.20
08/14/2021	9:26:16	78790.52	394716.44	40.72	Soil	13,200	1.20
08/14/2021	9:26:17	78790.64	394716.52	40.71	Soil	13,620	1.50
08/14/2021	9:26:18	78791.13	394716.54	40.76	Soil	11,820	0.22
08/14/2021	9:26:19	78791.29	394716.75	40.74	Soil	11,160	-0.25
08/14/2021	9:26:20	78791.08	394716.81	40.69	Soil	12,600	0.78
08/14/2021	9:26:21	78791.26	394717.14	40.52	Soil	13,320	1.29
08/14/2021	9:26:22	78791.39	394717.74	40.12	Soil	11,640	0.10
08/14/2021	9:26:23	78791.44	394717.75	40.15	Soil	12,900	0.99
08/14/2021	9:26:24	78791.43	394717.76	40.15	Soil	14,580	2.18
08/14/2021	9:26:25	78791.56	394717.48	40.20	Soil	12,120	0.44

SU 7D GWS RESULTS
(SOIL)

08/14/2021	9:26:26	78791.18	394717.48	40.26	Soil	13,380	1.33
08/14/2021	9:26:27	78791.08	394717.31	40.27	Soil	12,420	0.65
08/14/2021	9:26:28	78791.09	394717.26	40.27	Soil	13,560	1.46
08/14/2021	9:26:29	78791.10	394717.31	40.26	Soil	13,680	1.54
08/14/2021	9:26:30	78791.12	394717.33	40.27	Soil	13,860	1.67
08/14/2021	9:26:31	78790.97	394717.05	40.30	Soil	14,280	1.97
08/14/2021	9:26:32	78790.66	394717.06	40.28	Soil	14,820	2.35
08/14/2021	9:26:33	78790.59	394717.09	40.29	Soil	14,460	2.10
08/14/2021	9:26:34	78790.67	394717.00	40.30	Soil	14,340	2.01
08/14/2021	9:26:35	78790.35	394717.03	40.25	Soil	12,720	0.86
08/14/2021	9:26:36	78790.32	394716.74	40.25	Soil	11,820	0.22
08/14/2021	9:26:37	78790.00	394716.63	40.28	Soil	12,360	0.61
08/14/2021	9:26:38	78789.83	394716.47	40.33	Soil	12,480	0.69
08/14/2021	9:26:39	78789.75	394716.53	40.36	Soil	11,880	0.27
08/14/2021	9:26:40	78789.71	394716.57	40.36	Soil	12,600	0.78
08/14/2021	9:26:41	78789.70	394716.56	40.36	Soil	12,480	0.69
08/14/2021	9:26:42	78789.65	394716.54	40.34	Soil	12,780	0.90
08/14/2021	9:26:43	78789.59	394716.42	40.36	Soil	13,620	1.50
08/14/2021	9:26:44	78789.32	394716.54	40.37	Soil	11,640	0.10
08/14/2021	9:26:45	78789.37	394716.34	40.35	Soil	12,480	0.69
08/14/2021	9:26:46	78789.37	394716.12	40.49	Soil	12,120	0.44
08/14/2021	9:26:47	78789.42	394716.17	40.47	Soil	12,600	0.78
08/14/2021	9:26:48	78789.45	394716.16	40.47	Soil	11,940	0.31
08/14/2021	9:26:49	78789.47	394716.18	40.46	Soil	13,680	1.54
08/14/2021	9:26:50	78789.48	394716.21	40.46	Soil	11,460	-0.03
08/14/2021	9:26:51	78789.07	394715.98	40.50	Soil	12,120	0.44
08/14/2021	9:26:52	78788.88	394715.91	40.58	Soil	13,380	1.33
08/14/2021	9:26:53	78788.88	394715.96	40.54	Soil	11,460	-0.03
08/14/2021	9:26:54	78788.86	394716.00	40.54	Soil	12,600	0.78
08/14/2021	9:26:55	78788.86	394716.00	40.53	Soil	12,240	0.52
08/14/2021	9:26:56	78788.82	394716.02	40.54	Soil	11,100	-0.29
08/14/2021	9:26:57	78788.80	394716.04	40.50	Soil	14,520	2.14
08/14/2021	9:26:58	78788.80	394716.04	40.52	Soil	12,600	0.78
08/14/2021	9:26:59	78788.92	394715.74	40.49	Soil	11,040	-0.33
08/14/2021	9:27:00	78788.96	394715.62	40.64	Soil	12,060	0.39
08/14/2021	9:27:01	78788.99	394715.82	40.66	Soil	12,180	0.48
08/14/2021	9:27:02	78788.98	394715.84	40.66	Soil	12,120	0.44
08/14/2021	9:27:03	78789.06	394715.87	40.65	Soil	11,040	-0.33
08/14/2021	9:27:04	78789.40	394715.97	40.58	Soil	12,660	0.82
08/14/2021	9:27:05	78789.48	394716.20	40.48	Soil	13,440	1.37
08/14/2021	9:27:06	78789.55	394716.54	40.34	Soil	13,140	1.16
08/14/2021	9:27:07	78789.99	394716.84	40.33	Soil	13,560	1.46
08/14/2021	9:27:08	78790.19	394717.17	40.27	Soil	15,360	2.73
08/14/2021	9:27:09	78790.25	394717.21	40.24	Soil	14,520	2.14
08/14/2021	9:27:10	78790.69	394717.11	40.30	Soil	12,420	0.65
08/14/2021	9:27:11	78791.13	394717.46	40.20	Soil	13,620	1.50
08/14/2021	9:27:12	78791.43	394717.47	40.24	Soil	13,800	1.63
08/14/2021	9:27:13	78791.81	394717.70	40.23	Soil	14,340	2.01
08/14/2021	9:27:14	78791.90	394717.88	40.20	Soil	12,360	0.61
08/14/2021	9:27:15	78791.95	394717.98	40.16	Soil	14,460	2.10
08/14/2021	9:27:16	78792.23	394718.12	40.17	Soil	12,600	0.78

SU 7D GWS RESULTS
(SOIL)

08/14/2021	9:27:17	78792.47	394718.39	40.06	Soil	13,560	1.46
08/14/2021	9:27:18	78792.56	394718.60	40.02	Soil	13,440	1.37
08/14/2021	9:27:19	78792.96	394718.60	40.06	Soil	10,920	-0.42
08/14/2021	9:27:20	78793.19	394718.76	40.02	Soil	13,680	1.54
08/14/2021	9:27:21	78793.30	394718.88	39.97	Soil	13,320	1.29
08/14/2021	9:27:22	78793.55	394718.97	40.01	Soil	12,540	0.73
08/14/2021	9:27:23	78793.63	394719.30	39.98	Soil	13,860	1.67
08/14/2021	9:27:24	78793.74	394719.29	39.97	Soil	10,920	-0.42
08/14/2021	9:27:25	78793.72	394719.23	39.96	Soil	12,720	0.86
08/14/2021	9:27:26	78793.52	394719.21	39.95	Soil	12,240	0.52
08/14/2021	9:27:27	78793.42	394719.46	39.89	Soil	13,800	1.63
08/14/2021	9:27:28	78793.34	394719.44	39.88	Soil	10,980	-0.37
08/14/2021	9:27:29	78793.20	394719.22	39.83	Soil	13,680	1.54
08/14/2021	9:27:30	78793.10	394719.35	39.83	Soil	14,160	1.88
08/14/2021	9:27:31	78792.92	394719.21	39.83	Soil	12,780	0.90
08/14/2021	9:27:32	78792.62	394719.28	39.80	Soil	12,720	0.86
08/14/2021	9:27:33	78792.34	394718.97	39.78	Soil	12,840	0.95
08/14/2021	9:27:34	78792.08	394718.88	39.85	Soil	11,580	0.05
08/14/2021	9:27:35	78791.90	394718.84	39.84	Soil	13,380	1.33
08/14/2021	9:27:36	78791.96	394718.60	39.89	Soil	14,880	2.39
08/14/2021	9:27:37	78791.65	394718.54	39.89	Soil	15,000	2.48
08/14/2021	9:27:38	78791.68	394718.40	39.88	Soil	14,460	2.10
08/14/2021	9:27:39	78791.78	394718.32	39.89	Soil	14,760	2.31
08/14/2021	9:27:40	78791.71	394718.42	39.88	Soil	13,620	1.50
08/14/2021	9:27:41	78791.67	394718.44	39.87	Soil	12,900	0.99
08/14/2021	9:27:42	78791.65	394718.46	39.87	Soil	12,180	0.48
08/14/2021	9:27:43	78791.66	394718.48	39.86	Soil	15,840	3.07
08/14/2021	9:27:44	78791.66	394718.47	39.85	Soil	14,580	2.18
08/14/2021	9:27:45	78791.67	394718.47	39.86	Soil	15,480	2.82
08/14/2021	9:27:46	78791.68	394718.47	39.87	Soil	14,220	1.92
08/14/2021	9:27:47	78791.68	394718.45	39.88	Soil	13,620	1.50
08/14/2021	9:27:48	78791.70	394718.44	39.88	Soil	14,880	2.39
08/14/2021	9:27:49	78791.69	394718.44	39.88	Soil	14,100	1.84
08/14/2021	9:27:50	78791.70	394718.44	39.87	Soil	14,820	2.35
08/14/2021	9:27:51	78791.75	394718.42	39.88	Soil	12,180	0.48
08/14/2021	9:27:52	78791.89	394718.28	39.92	Soil	15,300	2.69
08/14/2021	9:27:53	78791.87	394718.24	39.92	Soil	14,580	2.18
08/14/2021	9:27:54	78791.91	394718.35	39.91	Soil	14,220	1.92
08/14/2021	9:27:55	78792.06	394717.96	40.09	Soil	12,960	1.03
08/14/2021	9:27:56	78792.18	394718.13	40.10	Soil	13,500	1.41
08/14/2021	9:27:57	78792.34	394718.10	40.12	Soil	13,320	1.29
08/14/2021	9:27:58	78792.34	394718.12	40.13	Soil	13,320	1.29
08/14/2021	9:27:59	78792.26	394718.12	40.11	Soil	13,080	1.12
08/14/2021	9:28:00	78792.66	394718.41	40.01	Soil	12,540	0.73
08/14/2021	9:28:01	78792.76	394718.71	39.90	Soil	14,820	2.35
08/14/2021	9:28:02	78792.98	394718.98	39.85	Soil	13,860	1.67
08/14/2021	9:28:03	78793.40	394719.03	39.90	Soil	13,560	1.46
08/14/2021	9:28:04	78793.47	394719.38	39.88	Soil	12,660	0.82
08/14/2021	9:28:05	78793.73	394719.47	39.90	Soil	13,500	1.41
08/14/2021	9:28:06	78794.00	394719.65	39.89	Soil	10,320	-0.84
08/14/2021	9:28:07	78794.02	394719.73	39.89	Soil	12,840	0.95

SU 7D GWS RESULTS
(SOIL)

08/14/2021	9:28:08	78794.04	394719.70	39.90	Soil	12,960	1.03
08/14/2021	9:28:09	78794.05	394719.73	39.90	Soil	12,300	0.56
08/14/2021	9:28:10	78794.33	394719.77	39.94	Soil	12,300	0.56
08/14/2021	9:28:11	78794.29	394719.83	39.89	Soil	13,500	1.41
08/14/2021	9:28:12	78794.24	394719.80	39.88	Soil	11,340	-0.12
08/14/2021	9:28:13	78794.40	394719.80	39.90	Soil	11,100	-0.29
08/14/2021	9:28:14	78794.39	394719.99	39.86	Soil	12,900	0.99
08/14/2021	9:28:15	78794.49	394719.99	39.86	Soil	13,440	1.37
08/14/2021	9:28:16	78794.48	394719.98	39.86	Soil	12,060	0.39
08/14/2021	9:28:17	78794.47	394719.97	39.86	Soil	12,360	0.61
08/14/2021	9:28:18	78794.49	394719.96	39.86	Soil	11,280	-0.16
08/14/2021	9:28:19	78794.48	394719.98	39.84	Soil	13,620	1.50
08/14/2021	9:28:20	78794.47	394719.95	39.84	Soil	11,820	0.22
08/14/2021	9:28:21	78794.48	394719.92	39.83	Soil	11,280	-0.16
08/14/2021	9:28:22	78794.47	394719.94	39.82	Soil	13,740	1.58
08/14/2021	9:28:23	78794.46	394719.96	39.82	Soil	13,260	1.24
08/14/2021	9:28:24	78794.45	394719.97	39.80	Soil	12,300	0.56
08/14/2021	9:28:25	78794.48	394719.93	39.78	Soil	12,360	0.61
08/14/2021	9:28:26	78794.48	394719.96	39.76	Soil	11,160	-0.25
08/14/2021	9:28:27	78794.49	394719.95	39.77	Soil	12,660	0.82
08/14/2021	9:28:28	78794.46	394719.95	39.77	Soil	12,000	0.35
08/14/2021	9:28:29	78794.43	394719.94	39.78	Soil	12,720	0.86
08/14/2021	9:28:30	78794.44	394719.92	39.80	Soil	12,660	0.82
08/14/2021	9:28:31	78794.46	394719.91	39.83	Soil	12,540	0.73
08/14/2021	9:28:32	78794.46	394719.92	39.84	Soil	14,640	2.22
08/14/2021	9:28:33	78794.47	394719.90	39.85	Soil	13,140	1.16
08/14/2021	9:28:34	78794.44	394719.91	39.86	Soil	14,280	1.97
08/14/2021	9:28:35	78794.37	394719.97	39.83	Soil	12,660	0.82
08/14/2021	9:28:36	78794.65	394720.03	39.84	Soil	13,260	1.24
08/14/2021	9:28:37	78794.68	394720.10	39.82	Soil	12,540	0.73
08/14/2021	9:28:38	78794.59	394720.21	39.79	Soil	12,660	0.82
08/14/2021	9:28:39	78794.73	394720.28	39.79	Soil	12,360	0.61
08/14/2021	9:28:40	78794.86	394720.28	39.80	Soil	11,700	0.14
08/14/2021	9:28:41	78794.88	394720.31	39.80	Soil	11,700	0.14
08/14/2021	9:28:42	78794.91	394720.22	39.81	Soil	12,300	0.56
08/14/2021	9:28:43	78794.91	394720.39	39.79	Soil	12,540	0.73
08/14/2021	9:28:44	78795.05	394720.38	39.79	Soil	13,080	1.12
08/14/2021	9:28:45	78795.15	394720.56	39.80	Soil	13,500	1.41
08/14/2021	9:28:46	78795.15	394720.70	39.81	Soil	11,940	0.31
08/14/2021	9:28:47	78795.34	394720.73	39.83	Soil	14,880	2.39
08/14/2021	9:28:48	78795.34	394721.08	39.82	Soil	12,120	0.44
08/14/2021	9:28:49	78795.51	394721.10	39.84	Soil	12,420	0.65
08/14/2021	9:28:50	78795.76	394721.17	39.92	Soil	11,400	-0.08
08/14/2021	9:28:51	78795.70	394721.42	39.94	Soil	11,760	0.18
08/14/2021	9:28:52	78796.00	394721.36	40.00	Soil	13,560	1.46
08/14/2021	9:28:53	78795.93	394721.45	40.01	Soil	12,300	0.56
08/14/2021	9:28:54	78796.01	394721.65	40.00	Soil	11,340	-0.12
08/14/2021	9:28:55	78795.95	394721.59	40.03	Soil	12,240	0.52
08/14/2021	9:28:56	78795.79	394721.49	40.00	Soil	11,580	0.05
08/14/2021	9:28:57	78795.59	394721.32	39.92	Soil	11,460	-0.03
08/14/2021	9:28:58	78795.43	394721.15	39.93	Soil	11,880	0.27

SU 7D GWS RESULTS
(SOIL)

08/14/2021	9:28:59	78795.27	394721.14	39.94	Soil	12,120	0.44
08/14/2021	9:29:00	78795.28	394720.89	39.93	Soil	13,320	1.29
08/14/2021	9:29:01	78795.20	394720.82	39.93	Soil	13,380	1.33
08/14/2021	9:29:02	78795.06	394720.86	39.91	Soil	13,320	1.29
08/14/2021	9:29:03	78795.03	394720.82	39.90	Soil	11,280	-0.16
08/14/2021	9:29:04	78795.03	394720.85	39.89	Soil	12,360	0.61
08/14/2021	9:29:05	78795.12	394720.70	39.86	Soil	11,820	0.22
08/14/2021	9:29:06	78794.82	394720.81	39.76	Soil	12,840	0.95
08/14/2021	9:29:07	78794.61	394720.54	39.76	Soil	12,480	0.69
08/14/2021	9:29:08	78794.21	394720.58	39.64	Soil	13,800	1.63
08/14/2021	9:29:09	78794.02	394720.43	39.63	Soil	11,340	-0.12
08/14/2021	9:29:10	78793.78	394720.12	39.67	Soil	11,760	0.18
08/14/2021	9:29:11	78793.47	394719.96	39.63	Soil	14,460	2.10
08/14/2021	9:29:12	78793.34	394719.61	39.79	Soil	13,500	1.41
08/14/2021	9:29:13	78793.11	394719.58	39.78	Soil	11,640	0.10
08/14/2021	9:29:14	78793.09	394719.42	39.76	Soil	13,380	1.33
08/14/2021	9:29:15	78792.88	394719.57	39.75	Soil	11,520	0.01
08/14/2021	9:29:16	78792.79	394719.40	39.75	Soil	12,060	0.39
08/14/2021	9:29:17	78792.58	394719.27	39.75	Soil	11,700	0.14
08/14/2021	9:29:18	78792.43	394719.18	39.76	Soil	10,740	-0.54
08/14/2021	9:29:19	78792.31	394718.88	39.85	Soil	12,240	0.52
08/14/2021	9:29:20	78792.00	394718.94	39.86	Soil	14,040	1.80
08/14/2021	9:29:21	78791.95	394718.68	39.90	Soil	10,380	-0.80
08/14/2021	9:29:22	78791.67	394718.66	39.93	Soil	14,580	2.18
08/14/2021	9:29:23	78791.53	394718.50	39.93	Soil	13,140	1.16
08/14/2021	9:29:24	78791.30	394718.46	39.90	Soil	13,140	1.16
08/14/2021	9:29:25	78791.16	394718.32	39.88	Soil	13,980	1.75
08/14/2021	9:29:26	78791.10	394718.12	39.88	Soil	13,140	1.16
08/14/2021	9:29:27	78790.87	394718.19	39.88	Soil	15,000	2.48
08/14/2021	9:29:28	78790.75	394717.98	39.95	Soil	16,080	3.24
08/14/2021	9:29:29	78790.41	394717.93	39.90	Soil	12,900	0.99
08/14/2021	9:29:30	78790.33	394717.68	39.93	Soil	16,920	3.84
08/14/2021	9:29:31	78789.93	394717.67	39.94	Soil	14,760	2.31
08/14/2021	9:29:32	78789.71	394717.52	39.93	Soil	14,640	2.22
08/14/2021	9:29:33	78789.55	394717.55	39.89	Soil	16,020	3.20
08/14/2021	9:29:34	78789.51	394717.53	39.89	Soil	14,400	2.05
08/14/2021	9:29:35	78789.48	394717.58	39.90	Soil	15,720	2.99
08/14/2021	9:29:36	78789.43	394717.47	39.90	Soil	14,700	2.27
08/14/2021	9:29:37	78789.37	394717.25	39.96	Soil	13,560	1.46
08/14/2021	9:29:38	78789.18	394717.24	40.00	Soil	14,460	2.10
08/14/2021	9:29:39	78789.13	394716.92	40.07	Soil	13,560	1.46
08/14/2021	9:29:40	78788.91	394717.02	40.08	Soil	13,920	1.71
08/14/2021	9:29:41	78788.74	394716.95	40.09	Soil	12,960	1.03
08/14/2021	9:29:42	78788.66	394716.66	40.17	Soil	12,300	0.56
08/14/2021	9:29:43	78788.35	394716.62	40.20	Soil	11,820	0.22
08/14/2021	9:29:44	78788.15	394716.25	40.32	Soil	13,440	1.37
08/14/2021	9:29:45	78787.90	394716.32	40.39	Soil	12,780	0.90
08/14/2021	9:29:46	78787.89	394716.10	40.36	Soil	13,020	1.07
08/14/2021	9:29:47	78787.92	394715.96	40.52	Soil	10,980	-0.37
08/14/2021	9:29:48	78787.87	394715.95	40.55	Soil	12,660	0.82
08/14/2021	9:29:49	78787.90	394715.93	40.55	Soil	12,000	0.35

SU 7D GWS RESULTS
(SOIL)

08/14/2021	9:29:50	78787.63	394715.99	40.56	Soil	10,800	-0.50
08/14/2021	9:29:51	78787.53	394715.91	40.58	Soil	12,780	0.90
08/14/2021	9:29:52	78787.49	394715.79	40.71	Soil	10,800	-0.50
08/14/2021	9:29:53	78787.30	394715.91	40.70	Soil	13,740	1.58
08/14/2021	9:29:54	78787.11	394715.73	40.81	Soil	12,120	0.44
08/14/2021	9:29:55	78786.86	394715.88	40.80	Soil	12,360	0.61
08/14/2021	9:29:56	78786.56	394715.60	40.80	Soil	12,960	1.03
08/14/2021	9:29:57	78786.29	394715.66	40.82	Soil	11,700	0.14
08/14/2021	9:29:58	78786.10	394715.57	40.80	Soil	12,120	0.44
08/14/2021	9:29:59	78785.93	394715.36	40.91	Soil	10,080	-1.01
08/14/2021	9:30:00	78785.75	394715.32	40.91	Soil	13,620	1.50
08/14/2021	9:30:01	78785.67	394715.00	40.87	Soil	13,500	1.41
08/14/2021	9:30:02	78785.34	394714.98	40.90	Soil	12,420	0.65
08/14/2021	9:30:03	78785.06	394714.65	40.91	Soil	11,880	0.27
08/14/2021	9:30:04	78784.75	394714.63	40.89	Soil	10,620	-0.63
08/14/2021	9:30:05	78784.62	394714.32	40.91	Soil	12,780	0.90
08/14/2021	9:30:06	78784.43	394714.24	40.92	Soil	12,360	0.61
08/14/2021	9:30:07	78784.23	394714.03	40.92	Soil	13,200	1.20
08/14/2021	9:30:08	78783.90	394714.07	40.91	Soil	12,900	0.99
08/14/2021	9:30:09	78783.52	394713.94	40.85	Soil	13,860	1.67
08/14/2021	9:30:10	78783.32	394714.01	40.82	Soil	15,120	2.56
08/14/2021	9:30:11	78783.06	394714.03	40.64	Soil	13,560	1.46
08/14/2021	9:30:12	78783.01	394714.34	40.62	Soil	12,300	0.56
08/14/2021	9:30:13	78782.99	394714.40	40.60	Soil	12,240	0.52
08/14/2021	9:30:14	78782.61	394714.28	40.51	Soil	14,100	1.84
08/14/2021	9:30:15	78782.37	394714.57	40.39	Soil	13,920	1.71
08/14/2021	9:30:16	78781.89	394714.64	40.42	Soil	15,300	2.69
08/14/2021	9:30:17	78781.65	394714.84	40.40	Soil	14,760	2.31
08/14/2021	9:30:18	78781.37	394714.69	40.42	Soil	13,860	1.67
08/14/2021	9:30:19	78781.26	394714.90	40.45	Soil	14,160	1.88
08/14/2021	9:30:20	78780.95	394714.95	40.47	Soil	12,720	0.86
08/14/2021	9:30:21	78780.73	394715.04	40.47	Soil	14,760	2.31
08/14/2021	9:30:22	78780.54	394715.13	40.46	Soil	14,580	2.18
08/14/2021	9:30:23	78780.35	394714.98	40.49	Soil	15,840	3.07
08/14/2021	9:30:24	78780.31	394715.21	40.52	Soil	12,540	0.73
08/14/2021	9:30:25	78779.93	394715.33	40.49	Soil	14,400	2.05
08/14/2021	9:30:26	78779.81	394715.58	40.46	Soil	14,460	2.10
08/14/2021	9:30:27	78779.38	394715.64	40.51	Soil	13,020	1.07
08/14/2021	9:30:28	78779.31	394716.04	40.54	Soil	12,900	0.99
08/14/2021	9:30:29	78778.81	394716.23	40.54	Soil	12,300	0.56
08/14/2021	9:30:30	78778.59	394716.56	40.57	Soil	12,300	0.56
08/14/2021	9:30:31	78778.04	394716.79	40.57	Soil	13,560	1.46
08/14/2021	9:30:32	78777.62	394717.34	40.54	Soil	13,680	1.54
08/14/2021	9:30:33	78777.46	394717.69	40.66	Soil	11,100	-0.29
08/14/2021	9:30:34	78777.15	394717.96	40.67	Soil	12,900	0.99
08/14/2021	9:30:35	78777.01	394718.28	40.71	Soil	11,700	0.14
08/14/2021	9:30:36	78776.67	394718.64	40.70	Soil	13,320	1.29
08/14/2021	9:30:37	78776.36	394719.08	40.72	Soil	10,440	-0.76
08/14/2021	9:30:38	78776.30	394719.46	40.76	Soil	11,640	0.10
08/14/2021	9:30:39	78775.95	394719.76	40.80	Soil	12,420	0.65
08/14/2021	9:30:40	78775.68	394720.23	40.81	Soil	13,260	1.24

SU 7D GWS RESULTS
(SOIL)

08/14/2021	9:30:41	78775.59	394720.58	40.87	Soil	9,480	-1.44
08/14/2021	9:30:42	78775.74	394720.97	40.71	Soil	13,020	1.07
08/14/2021	9:30:43	78775.88	394721.07	40.52	Soil	12,060	0.39
08/14/2021	9:30:44	78776.00	394721.06	40.50	Soil	14,400	2.05
08/14/2021	9:30:45	78776.13	394721.10	40.45	Soil	12,600	0.78
08/14/2021	9:30:46	78776.33	394720.96	40.33	Soil	14,220	1.92
08/14/2021	9:30:47	78776.60	394720.91	40.14	Soil	12,900	0.99
08/14/2021	9:30:48	78776.63	394720.83	40.17	Soil	12,900	0.99
08/14/2021	9:30:49	78776.64	394720.84	40.14	Soil	12,840	0.95
08/14/2021	9:30:50	78776.87	394720.84	40.01	Soil	13,800	1.63
08/14/2021	9:30:51	78776.95	394720.58	40.01	Soil	13,320	1.29
08/14/2021	9:30:52	78777.12	394720.53	39.98	Soil	11,700	0.14
08/14/2021	9:30:53	78777.14	394720.47	40.00	Soil	11,220	-0.20
08/14/2021	9:30:54	78777.12	394720.51	39.99	Soil	12,780	0.90
08/14/2021	9:30:55	78777.14	394720.52	39.99	Soil	14,400	2.05
08/14/2021	9:30:56	78777.16	394720.52	39.99	Soil	11,940	0.31
08/14/2021	9:30:57	78777.21	394720.59	39.98	Soil	11,760	0.18
08/14/2021	9:30:58	78777.30	394720.55	39.94	Soil	11,700	0.14
08/14/2021	9:30:59	78777.56	394720.08	39.89	Soil	10,440	-0.76
08/14/2021	9:31:00	78777.81	394719.94	39.87	Soil	12,600	0.78
08/14/2021	9:31:01	78777.89	394719.96	39.87	Soil	11,220	-0.20
08/14/2021	9:31:02	78777.92	394719.97	39.85	Soil	12,420	0.65
08/14/2021	9:31:03	78777.99	394719.58	39.89	Soil	11,340	-0.12
08/14/2021	9:31:04	78778.36	394719.40	39.86	Soil	14,160	1.88
08/14/2021	9:31:05	78778.59	394719.14	39.84	Soil	12,780	0.90
08/14/2021	9:31:06	78778.76	394719.04	39.88	Soil	13,800	1.63
08/14/2021	9:31:07	78778.95	394718.95	39.77	Soil	12,000	0.35
08/14/2021	9:31:08	78778.72	394718.94	39.84	Soil	12,480	0.69
08/14/2021	9:31:09	78778.66	394719.04	39.82	Soil	12,120	0.44
08/14/2021	9:31:10	78778.55	394718.93	39.77	Soil	11,880	0.27
08/14/2021	9:31:11	78778.63	394719.23	39.66	Soil	13,440	1.37
08/14/2021	9:31:12	78778.35	394719.36	39.61	Soil	12,060	0.39
08/14/2021	9:31:13	78778.28	394719.55	39.57	Soil	12,660	0.82
08/14/2021	9:31:14	78778.29	394719.73	39.57	Soil	13,740	1.58
08/14/2021	9:31:15	78778.00	394719.82	39.57	Soil	13,800	1.63
08/14/2021	9:31:16	78777.91	394719.98	39.59	Soil	12,600	0.78
08/14/2021	9:31:17	78777.75	394720.06	39.56	Soil	13,440	1.37
08/14/2021	9:31:18	78777.69	394720.24	39.49	Soil	13,800	1.63
08/14/2021	9:31:19	78777.77	394720.51	39.47	Soil	13,800	1.63
08/14/2021	9:31:20	78777.76	394720.57	39.49	Soil	11,460	-0.03
08/14/2021	9:31:21	78777.79	394720.57	39.47	Soil	11,760	0.18
08/14/2021	9:31:22	78777.89	394720.60	39.47	Soil	11,880	0.27
08/14/2021	9:31:23	78777.58	394720.60	39.42	Soil	13,500	1.41
08/14/2021	9:31:24	78777.41	394720.92	39.42	Soil	13,020	1.07
08/14/2021	9:31:25	78777.36	394721.23	39.43	Soil	11,640	0.10
08/14/2021	9:31:26	78777.34	394721.24	39.44	Soil	16,620	3.63
08/14/2021	9:31:27	78777.35	394721.25	39.44	Soil	13,800	1.63
08/14/2021	9:31:28	78777.37	394721.26	39.44	Soil	14,820	2.35
08/14/2021	9:31:29	78777.37	394721.27	39.43	Soil	12,540	0.73
08/14/2021	9:31:30	78777.14	394721.31	39.44	Soil	14,820	2.35
08/14/2021	9:31:31	78776.94	394721.74	39.48	Soil	13,320	1.29

SU 7D GWS RESULTS
(SOIL)

08/14/2021	9:31:32	78776.78	394721.99	39.49	Soil	13,320	1.29
08/14/2021	9:31:33	78776.75	394721.98	39.48	Soil	14,220	1.92
08/14/2021	9:31:34	78776.64	394721.86	39.54	Soil	14,580	2.18
08/14/2021	9:31:35	78776.11	394722.19	39.73	Soil	12,840	0.95
08/14/2021	9:31:36	78776.01	394722.22	39.81	Soil	13,200	1.20
08/14/2021	9:31:37	78776.03	394722.22	39.81	Soil	11,160	-0.25
08/14/2021	9:31:38	78776.01	394722.21	39.81	Soil	12,660	0.82
08/14/2021	9:31:39	78776.04	394721.84	39.99	Soil	13,080	1.12
08/14/2021	9:31:40	78775.53	394721.82	40.21	Soil	13,680	1.54
08/14/2021	9:31:41	78775.39	394721.77	40.29	Soil	12,900	0.99
08/14/2021	9:31:42	78775.52	394721.60	40.33	Soil	12,360	0.61
08/14/2021	9:31:43	78775.31	394721.28	40.42	Soil	11,520	0.01
08/14/2021	9:31:44	78775.34	394721.18	40.58	Soil	15,120	2.56
08/14/2021	9:31:45	78775.56	394720.94	40.57	Soil	11,820	0.22
08/14/2021	9:31:46	78775.72	394721.03	40.43	Soil	12,120	0.44
08/14/2021	9:31:47	78776.12	394721.05	40.09	Soil	12,180	0.48
08/14/2021	9:31:48	78776.21	394721.04	40.10	Soil	14,160	1.88
08/14/2021	9:31:49	78776.23	394721.01	40.12	Soil	12,360	0.61
08/14/2021	9:31:50	78776.24	394721.01	40.13	Soil	13,140	1.16
08/14/2021	9:31:51	78776.25	394721.17	40.11	Soil	14,220	1.92
08/14/2021	9:31:52	78776.09	394721.48	40.03	Soil	12,360	0.61
08/14/2021	9:31:53	78776.06	394721.56	40.05	Soil	13,380	1.33
08/14/2021	9:31:54	78776.25	394721.55	39.94	Soil	11,880	0.27
08/14/2021	9:31:55	78776.42	394721.54	39.85	Soil	14,400	2.05
08/14/2021	9:31:56	78776.54	394721.56	39.83	Soil	13,260	1.24
08/14/2021	9:31:57	78776.59	394721.59	39.79	Soil	14,580	2.18
08/14/2021	9:31:58	78776.68	394721.57	39.78	Soil	14,640	2.22
08/14/2021	9:31:59	78776.64	394721.80	39.66	Soil	16,260	3.37
08/14/2021	9:32:00	78776.84	394721.83	39.52	Soil	16,440	3.50
08/14/2021	9:32:01	78777.06	394721.72	39.47	Soil	13,740	1.58
08/14/2021	9:32:02	78777.12	394721.71	39.47	Soil	14,460	2.10
08/14/2021	9:32:03	78777.12	394721.73	39.49	Soil	14,640	2.22
08/14/2021	9:32:04	78777.13	394721.78	39.51	Soil	15,540	2.86
08/14/2021	9:32:05	78777.28	394721.78	39.49	Soil	12,480	0.69
08/14/2021	9:32:06	78777.44	394721.70	39.46	Soil	12,480	0.69
08/14/2021	9:32:07	78777.32	394721.81	39.44	Soil	12,300	0.56
08/14/2021	9:32:08	78777.43	394721.60	39.45	Soil	13,680	1.54
08/14/2021	9:32:09	78777.52	394721.48	39.47	Soil	12,840	0.95
08/14/2021	9:32:10	78777.51	394721.46	39.48	Soil	12,600	0.78
08/14/2021	9:32:11	78777.57	394721.38	39.46	Soil	12,360	0.61
08/14/2021	9:32:12	78777.42	394721.39	39.46	Soil	12,540	0.73
08/14/2021	9:32:13	78777.46	394721.21	39.52	Soil	11,100	-0.29
08/14/2021	9:32:14	78777.38	394721.20	39.53	Soil	11,940	0.31
08/14/2021	9:32:15	78777.38	394721.13	39.58	Soil	13,140	1.16
08/14/2021	9:32:16	78777.49	394721.01	39.57	Soil	13,800	1.63
08/14/2021	9:32:17	78777.54	394720.99	39.56	Soil	13,140	1.16
08/14/2021	9:32:18	78777.43	394721.22	39.54	Soil	13,920	1.71
08/14/2021	9:32:19	78777.57	394721.31	39.47	Soil	12,360	0.61
08/14/2021	9:32:20	78777.82	394721.51	39.31	Soil	10,740	-0.54
08/14/2021	9:32:21	78778.02	394721.40	39.29	Soil	11,100	-0.29
08/14/2021	9:32:22	78778.09	394721.33	39.28	Soil	13,260	1.24

SU 7D GWS RESULTS
(SOIL)

08/14/2021	9:32:23	78778.25	394721.45	39.21	Soil	12,720	0.86
08/14/2021	9:32:24	78778.38	394721.23	39.14	Soil	12,960	1.03
08/14/2021	9:32:25	78778.44	394721.18	39.14	Soil	13,200	1.20
08/14/2021	9:32:26	78778.49	394721.24	39.13	Soil	12,240	0.52
08/14/2021	9:32:27	78778.56	394721.30	39.10	Soil	12,180	0.48
08/14/2021	9:32:28	78778.65	394721.15	39.05	Soil	13,200	1.20
08/14/2021	9:32:29	78778.98	394720.97	39.02	Soil	12,180	0.48
08/14/2021	9:32:30	78778.89	394720.80	39.04	Soil	13,980	1.75
08/14/2021	9:32:31	78778.84	394720.49	39.10	Soil	13,500	1.41
08/14/2021	9:32:32	78778.72	394720.43	39.14	Soil	13,740	1.58
08/14/2021	9:32:33	78778.78	394720.13	39.17	Soil	12,120	0.44
08/14/2021	9:32:34	78778.46	394720.20	39.24	Soil	14,520	2.14
08/14/2021	9:32:35	78778.33	394720.20	39.39	Soil	13,620	1.50
08/14/2021	9:32:36	78778.34	394719.96	39.48	Soil	13,260	1.24
08/14/2021	9:32:37	78778.17	394720.08	39.51	Soil	12,660	0.82
08/14/2021	9:32:38	78777.98	394720.05	39.53	Soil	11,640	0.10
08/14/2021	9:32:39	78777.74	394720.03	39.60	Soil	12,420	0.65
08/14/2021	9:32:40	78777.68	394720.01	39.60	Soil	13,860	1.67
08/14/2021	9:32:41	78777.58	394719.96	39.60	Soil	13,440	1.37
08/14/2021	9:32:42	78777.15	394720.12	39.80	Soil	11,100	-0.29
08/14/2021	9:32:43	78777.10	394720.18	39.80	Soil	12,480	0.69
08/14/2021	9:32:44	78777.18	394720.25	39.78	Soil	12,300	0.56
08/14/2021	9:32:45	78777.13	394720.25	39.78	Soil	12,240	0.52
08/14/2021	9:32:46	78776.91	394720.25	39.78	Soil	13,200	1.20
08/14/2021	9:32:47	78776.98	394720.22	39.79	Soil	11,700	0.14
08/14/2021	9:32:48	78777.04	394720.19	39.78	Soil	11,400	-0.08
08/14/2021	9:32:49	78777.10	394720.16	39.78	Soil	12,360	0.61
08/14/2021	9:32:50	78776.95	394720.53	39.82	Soil	13,380	1.33
08/14/2021	9:32:51	78777.05	394720.59	39.73	Soil	14,160	1.88
08/14/2021	9:32:52	78777.15	394720.55	39.69	Soil	11,940	0.31
08/14/2021	9:32:53	78776.89	394720.74	39.80	Soil	13,680	1.54
08/14/2021	9:32:54	78776.70	394720.78	39.93	Soil	11,220	-0.20
08/14/2021	9:32:55	78776.26	394720.98	39.96	Soil	12,720	0.86
08/14/2021	9:32:56	78775.69	394720.95	40.44	Soil	13,140	1.16
08/14/2021	9:32:57	78775.39	394720.87	40.58	Soil	13,080	1.12
08/14/2021	9:32:58	78775.11	394720.57	40.64	Soil	12,480	0.69
08/14/2021	9:32:59	78775.38	394720.16	40.65	Soil	11,280	-0.16
08/14/2021	9:33:00	78775.73	394719.86	40.64	Soil	13,200	1.20
08/14/2021	9:33:01	78775.98	394719.64	40.66	Soil	11,580	0.05
08/14/2021	9:33:02	78776.12	394719.82	40.64	Soil	12,960	1.03
08/14/2021	9:33:03	78776.19	394719.90	40.62	Soil	12,360	0.61
08/14/2021	9:33:04	78776.24	394720.00	40.59	Soil	14,160	1.88
08/14/2021	9:33:05	78776.26	394720.05	40.58	Soil	12,600	0.78
08/14/2021	9:33:06	78776.15	394720.10	40.57	Soil	12,660	0.82
08/14/2021	9:33:07	78776.04	394720.33	40.56	Soil	13,140	1.16
08/14/2021	9:33:08	78776.01	394720.39	40.57	Soil	12,360	0.61
08/14/2021	9:33:09	78776.10	394720.34	40.57	Soil	12,360	0.61
08/14/2021	9:33:10	78776.28	394720.49	40.20	Soil	13,620	1.50
08/14/2021	9:33:11	78776.53	394720.68	40.06	Soil	14,160	1.88
08/14/2021	9:33:12	78776.59	394720.71	40.07	Soil	13,380	1.33
08/14/2021	9:33:13	78776.58	394720.72	40.10	Soil	11,820	0.22

SU 7D GWS RESULTS
(SOIL)

08/14/2021	9:33:14	78776.56	394720.77	40.11	Soil	10,320	-0.84
08/14/2021	9:33:15	78776.61	394720.65	40.05	Soil	10,860	-0.46
08/14/2021	9:33:16	78776.87	394720.50	39.91	Soil	12,960	1.03
08/14/2021	9:33:17	78777.14	394720.37	39.83	Soil	11,520	0.01
08/14/2021	9:33:18	78777.21	394720.21	39.82	Soil	13,440	1.37
08/14/2021	9:33:19	78777.43	394720.38	39.68	Soil	14,520	2.14
08/14/2021	9:33:20	78777.69	394720.10	39.58	Soil	13,260	1.24
08/14/2021	9:33:21	78777.96	394719.96	39.56	Soil	13,620	1.50
08/14/2021	9:33:22	78778.12	394719.62	39.58	Soil	13,380	1.33
08/14/2021	9:33:23	78778.30	394719.15	39.59	Soil	13,320	1.29
08/14/2021	9:33:24	78778.25	394718.75	39.79	Soil	11,520	0.01
08/14/2021	9:33:25	78777.63	394718.68	39.91	Soil	12,240	0.52
08/14/2021	9:33:26	78777.06	394718.41	40.36	Soil	13,200	1.20
08/14/2021	9:33:27	78776.78	394718.59	40.48	Soil	12,780	0.90
08/14/2021	9:33:28	78776.52	394718.92	40.50	Soil	11,940	0.31
08/14/2021	9:33:29	78776.25	394719.32	40.53	Soil	13,680	1.54
08/14/2021	9:33:30	78776.27	394719.49	40.57	Soil	12,960	1.03
08/14/2021	9:33:31	78776.28	394719.74	40.53	Soil	12,480	0.69
08/14/2021	9:33:32	78776.42	394719.76	40.52	Soil	13,200	1.20
08/14/2021	9:33:33	78776.52	394720.00	40.36	Soil	11,940	0.31
08/14/2021	9:33:34	78776.91	394720.23	39.90	Soil	14,220	1.92
08/14/2021	9:33:35	78777.15	394720.37	39.71	Soil	11,580	0.05
08/14/2021	9:33:36	78777.14	394720.48	39.72	Soil	12,840	0.95
08/14/2021	9:33:37	78777.09	394720.55	39.72	Soil	11,760	0.18
08/14/2021	9:33:38	78777.08	394720.53	39.71	Soil	12,600	0.78
08/14/2021	9:33:39	78777.08	394720.54	39.70	Soil	11,280	-0.16
08/14/2021	9:33:40	78777.18	394720.27	39.69	Soil	12,600	0.78
08/14/2021	9:33:41	78777.35	394720.06	39.72	Soil	13,560	1.46
08/14/2021	9:33:42	78777.55	394720.05	39.49	Soil	12,360	0.61
08/14/2021	9:33:43	78777.72	394720.10	39.49	Soil	12,660	0.82
08/14/2021	9:33:44	78777.85	394719.75	39.52	Soil	12,360	0.61
08/14/2021	9:33:45	78777.99	394719.27	39.59	Soil	12,900	0.99
08/14/2021	9:33:46	78777.68	394719.21	39.64	Soil	12,720	0.86
08/14/2021	9:33:47	78777.54	394719.26	39.79	Soil	11,520	0.01
08/14/2021	9:33:48	78777.59	394719.32	39.76	Soil	14,460	2.10
08/14/2021	9:33:49	78777.54	394719.30	39.70	Soil	13,620	1.50
08/14/2021	9:33:50	78777.54	394718.95	39.93	Soil	13,380	1.33
08/14/2021	9:33:51	78777.21	394718.89	39.99	Soil	11,820	0.22
08/14/2021	9:33:52	78776.95	394718.94	40.27	Soil	11,700	0.14
08/14/2021	9:33:53	78776.81	394718.76	40.39	Soil	12,780	0.90
08/14/2021	9:33:54	78776.63	394718.87	40.38	Soil	13,200	1.20
08/14/2021	9:33:55	78776.59	394719.04	40.41	Soil	12,900	0.99
08/14/2021	9:33:56	78776.69	394719.26	40.41	Soil	12,540	0.73
08/14/2021	9:33:57	78776.68	394719.59	40.34	Soil	11,820	0.22
08/14/2021	9:33:58	78776.69	394719.67	40.33	Soil	14,520	2.14
08/14/2021	9:33:59	78776.50	394719.79	40.26	Soil	13,680	1.54
08/14/2021	9:34:00	78776.57	394719.86	39.94	Soil	12,240	0.52
08/14/2021	9:34:01	78776.74	394719.92	39.81	Soil	12,600	0.78
08/14/2021	9:34:02	78776.81	394719.96	39.79	Soil	14,760	2.31
08/14/2021	9:34:03	78776.86	394719.98	39.77	Soil	10,800	-0.50
08/14/2021	9:34:04	78777.03	394720.06	39.74	Soil	12,180	0.48

SU 7D GWS RESULTS
(SOIL)

08/14/2021	9:34:05	78777.06	394720.13	39.70	Soil	12,600	0.78
08/14/2021	9:34:06	78776.87	394720.31	39.62	Soil	14,160	1.88
08/14/2021	9:34:07	78776.93	394720.41	39.59	Soil	14,220	1.92
08/14/2021	9:34:08	78777.02	394720.36	39.58	Soil	13,620	1.50
08/14/2021	9:34:09	78777.11	394720.29	39.54	Soil	12,780	0.90
08/14/2021	9:34:10	78777.23	394720.28	39.51	Soil	10,500	-0.71
08/14/2021	9:34:11	78777.34	394720.08	39.38	Soil	12,540	0.73
08/14/2021	9:34:12	78777.88	394719.82	39.24	Soil	13,680	1.54
08/14/2021	9:34:13	78778.33	394720.02	39.02	Soil	12,960	1.03
08/14/2021	9:34:14	78778.37	394720.06	39.04	Soil	11,280	-0.16
08/14/2021	9:34:15	78778.41	394719.92	39.02	Soil	12,660	0.82
08/14/2021	9:34:16	78778.65	394719.50	39.08	Soil	12,480	0.69
08/14/2021	9:34:17	78778.79	394719.02	39.13	Soil	14,280	1.97
08/14/2021	9:34:18	78779.03	394718.82	39.19	Soil	12,300	0.56
08/14/2021	9:34:19	78779.25	394718.43	39.22	Soil	12,000	0.35
08/14/2021	9:34:20	78779.60	394718.05	39.16	Soil	12,240	0.52
08/14/2021	9:34:21	78779.97	394717.72	39.20	Soil	14,460	2.10
08/14/2021	9:34:22	78780.14	394717.44	39.25	Soil	10,740	-0.54
08/14/2021	9:34:23	78780.43	394717.12	39.36	Soil	13,620	1.50
08/14/2021	9:34:24	78780.51	394716.86	39.51	Soil	14,340	2.01
08/14/2021	9:34:25	78780.58	394716.56	39.68	Soil	13,020	1.07
08/14/2021	9:34:26	78780.57	394716.20	39.74	Soil	13,620	1.50
08/14/2021	9:34:27	78780.69	394716.07	39.84	Soil	15,000	2.48
08/14/2021	9:34:28	78780.82	394715.84	39.93	Soil	13,260	1.24
08/14/2021	9:34:29	78781.00	394715.92	39.96	Soil	12,720	0.86
08/14/2021	9:34:30	78781.13	394715.83	40.00	Soil	14,160	1.88
08/14/2021	9:34:31	78781.30	394715.71	40.01	Soil	14,460	2.10
08/14/2021	9:34:32	78781.49	394715.79	39.99	Soil	14,100	1.84
08/14/2021	9:34:33	78781.57	394715.70	40.01	Soil	13,260	1.24
08/14/2021	9:34:34	78781.58	394715.64	40.02	Soil	13,680	1.54
08/14/2021	9:34:35	78781.57	394715.63	40.02	Soil	12,780	0.90
08/14/2021	9:34:36	78781.50	394715.58	40.03	Soil	12,900	0.99
08/14/2021	9:34:37	78781.48	394715.56	40.03	Soil	13,080	1.12
08/14/2021	9:34:38	78781.46	394715.63	40.06	Soil	15,180	2.61
08/14/2021	9:34:39	78781.49	394715.67	40.08	Soil	15,960	3.16
08/14/2021	9:34:51	78781.50	394715.67	40.27	Soil	15,300	2.69
08/14/2021	9:34:52	78781.53	394715.67	40.27	Soil	14,760	2.31
08/14/2021	9:34:53	78781.54	394715.72	40.25	Soil	12,300	0.56
08/14/2021	9:34:54	78781.63	394715.46	40.28	Soil	13,380	1.33
08/14/2021	9:34:55	78781.83	394715.33	40.32	Soil	13,860	1.67
08/14/2021	9:34:56	78782.09	394715.02	40.36	Soil	14,220	1.92
08/14/2021	9:34:57	78782.16	394715.02	40.36	Soil	15,720	2.99
08/14/2021	9:34:58	78782.13	394715.09	40.34	Soil	14,040	1.80
08/14/2021	9:34:59	78782.13	394714.95	40.35	Soil	14,160	1.88
08/14/2021	9:35:00	78782.23	394714.85	40.39	Soil	14,760	2.31
08/14/2021	9:35:01	78782.41	394714.70	40.41	Soil	14,280	1.97
08/14/2021	9:35:02	78782.58	394714.59	40.43	Soil	14,700	2.27
08/14/2021	9:35:03	78782.80	394714.41	40.47	Soil	16,020	3.20
08/14/2021	9:35:04	78783.15	394714.40	40.63	Soil	13,860	1.67
08/14/2021	9:35:05	78783.30	394714.44	40.69	Soil	16,080	3.24
08/14/2021	9:35:06	78783.34	394714.42	40.70	Soil	13,740	1.58

SU 7D GWS RESULTS
(SOIL)

08/14/2021	9:35:07	78783.52	394714.33	40.70	Soil	13,980	1.75
08/14/2021	9:35:08	78783.76	394714.24	40.83	Soil	12,420	0.65
08/14/2021	9:35:09	78784.06	394714.38	40.82	Soil	13,860	1.67
08/14/2021	9:35:10	78784.40	394714.37	40.96	Soil	12,900	0.99
08/14/2021	9:35:11	78784.76	394714.50	40.97	Soil	12,240	0.52
08/14/2021	9:35:12	78785.00	394714.59	40.98	Soil	12,480	0.69
08/14/2021	9:35:13	78785.00	394714.95	40.91	Soil	12,060	0.39
08/14/2021	9:35:14	78785.19	394715.08	40.84	Soil	12,720	0.86
08/14/2021	9:35:15	78785.44	394715.12	40.94	Soil	12,480	0.69
08/14/2021	9:35:16	78785.55	394715.24	40.94	Soil	12,060	0.39
08/14/2021	9:35:17	78785.87	394715.17	41.00	Soil	13,620	1.50
08/14/2021	9:35:18	78786.00	394715.39	40.83	Soil	13,380	1.33
08/14/2021	9:35:19	78786.17	394715.55	40.81	Soil	13,080	1.12
08/14/2021	9:35:20	78786.40	394715.57	40.78	Soil	12,300	0.56
08/14/2021	9:35:21	78786.44	394715.77	40.69	Soil	12,420	0.65
08/14/2021	9:35:22	78786.44	394715.86	40.69	Soil	11,220	-0.20
08/14/2021	9:35:23	78786.60	394715.77	40.73	Soil	13,320	1.29
08/14/2021	9:35:24	78786.79	394715.98	40.61	Soil	10,860	-0.46
08/14/2021	9:35:25	78787.19	394715.95	40.66	Soil	12,120	0.44
08/14/2021	9:35:26	78787.33	394716.18	40.56	Soil	11,100	-0.29
08/14/2021	9:35:27	78787.31	394716.27	40.53	Soil	12,480	0.69
08/14/2021	9:35:28	78787.31	394716.27	40.53	Soil	11,760	0.18
08/14/2021	9:35:29	78787.63	394716.25	40.49	Soil	13,860	1.67
08/14/2021	9:35:30	78787.86	394716.43	40.31	Soil	14,040	1.80
08/14/2021	9:35:31	78787.95	394716.60	40.29	Soil	14,460	2.10
08/14/2021	9:35:32	78788.31	394716.57	40.22	Soil	14,400	2.05
08/14/2021	9:35:33	78788.50	394716.77	40.14	Soil	15,360	2.73
08/14/2021	9:35:34	78788.70	394716.81	40.12	Soil	12,840	0.95
08/14/2021	9:35:35	78788.93	394716.90	40.03	Soil	12,060	0.39
08/14/2021	9:35:36	78789.00	394717.06	40.02	Soil	15,180	2.61
08/14/2021	9:35:37	78789.25	394717.00	40.04	Soil	13,440	1.37
08/14/2021	9:35:38	78789.40	394717.24	39.97	Soil	14,640	2.22
08/14/2021	9:35:39	78789.68	394717.31	39.97	Soil	14,220	1.92
08/14/2021	9:35:40	78789.72	394717.49	39.94	Soil	14,940	2.44
08/14/2021	9:35:41	78790.00	394717.58	39.95	Soil	13,680	1.54
08/14/2021	9:35:42	78790.22	394717.72	39.90	Soil	13,980	1.75
08/14/2021	9:35:43	78790.35	394717.93	39.86	Soil	11,580	0.05
08/14/2021	9:35:44	78790.56	394718.06	39.78	Soil	12,660	0.82
08/14/2021	9:35:45	78790.51	394718.22	39.76	Soil	13,020	1.07
08/14/2021	9:35:46	78790.64	394718.29	39.74	Soil	11,880	0.27
08/14/2021	9:35:47	78790.88	394718.43	39.67	Soil	12,900	0.99
08/14/2021	9:35:48	78791.09	394718.55	39.65	Soil	15,720	2.99
08/14/2021	9:35:49	78791.36	394718.57	39.65	Soil	14,040	1.80
08/14/2021	9:35:50	78791.48	394718.89	39.56	Soil	12,540	0.73
08/14/2021	9:35:51	78791.92	394718.94	39.63	Soil	12,480	0.69
08/14/2021	9:35:52	78792.19	394719.16	39.58	Soil	15,060	2.52
08/14/2021	9:35:53	78792.51	394719.28	39.60	Soil	14,220	1.92
08/14/2021	9:35:54	78792.63	394719.47	39.58	Soil	13,500	1.41
08/14/2021	9:35:55	78792.97	394719.52	39.59	Soil	14,160	1.88
08/14/2021	9:35:56	78793.15	394719.84	39.53	Soil	11,760	0.18
08/14/2021	9:35:57	78793.50	394720.02	39.53	Soil	13,500	1.41

SU 7D GWS RESULTS
(SOIL)

08/14/2021	9:35:58	78793.63	394720.26	39.49	Soil	12,120	0.44
08/14/2021	9:35:59	78793.92	394720.36	39.51	Soil	13,440	1.37
08/14/2021	9:36:00	78794.09	394720.52	39.55	Soil	10,800	-0.50
08/14/2021	9:36:01	78794.17	394720.74	39.55	Soil	13,740	1.58
08/14/2021	9:36:02	78794.34	394720.90	39.59	Soil	11,760	0.18
08/14/2021	9:36:03	78794.45	394721.06	39.56	Soil	12,480	0.69
08/14/2021	9:36:04	78794.67	394721.12	39.59	Soil	12,300	0.56
08/14/2021	9:36:05	78794.85	394721.26	39.58	Soil	13,080	1.12
08/14/2021	9:36:06	78795.05	394721.32	39.61	Soil	12,120	0.44
08/14/2021	9:36:07	78795.24	394721.46	39.64	Soil	11,400	-0.08
08/14/2021	9:36:08	78795.57	394721.42	39.80	Soil	11,520	0.01
08/14/2021	9:36:09	78795.74	394721.62	39.78	Soil	15,480	2.82
08/14/2021	9:36:10	78795.68	394721.86	39.77	Soil	12,600	0.78
08/14/2021	9:36:11	78795.39	394722.05	39.65	Soil	11,340	-0.12
08/14/2021	9:36:12	78795.31	394722.13	39.64	Soil	11,880	0.27
08/14/2021	9:36:13	78795.30	394722.18	39.65	Soil	13,320	1.29
08/14/2021	9:36:14	78795.24	394722.21	39.65	Soil	11,460	-0.03
08/14/2021	9:36:15	78795.17	394722.04	39.63	Soil	13,320	1.29
08/14/2021	9:36:16	78795.04	394721.93	39.63	Soil	11,880	0.27
08/14/2021	9:36:17	78794.94	394721.90	39.61	Soil	12,420	0.65
08/14/2021	9:36:18	78794.90	394721.76	39.61	Soil	13,440	1.37
08/14/2021	9:36:19	78794.83	394721.65	39.60	Soil	12,000	0.35
08/14/2021	9:36:20	78794.94	394721.46	39.61	Soil	12,540	0.73
08/14/2021	9:36:21	78794.87	394721.41	39.61	Soil	12,720	0.86
08/14/2021	9:36:22	78794.80	394721.31	39.60	Soil	12,840	0.95
08/14/2021	9:36:23	78794.70	394721.21	39.58	Soil	12,360	0.61
08/14/2021	9:36:24	78794.55	394721.23	39.58	Soil	14,880	2.39
08/14/2021	9:36:25	78794.46	394721.10	39.57	Soil	12,480	0.69
08/14/2021	9:36:26	78794.33	394721.04	39.54	Soil	11,820	0.22
08/14/2021	9:36:27	78794.33	394720.92	39.52	Soil	11,460	-0.03
08/14/2021	9:36:28	78794.15	394720.91	39.50	Soil	11,220	-0.20
08/14/2021	9:36:29	78794.09	394720.70	39.48	Soil	11,520	0.01
08/14/2021	9:36:30	78793.91	394720.64	39.46	Soil	12,480	0.69
08/14/2021	9:36:31	78793.80	394720.47	39.43	Soil	13,080	1.12
08/14/2021	9:36:32	78793.59	394720.37	39.41	Soil	12,180	0.48
08/14/2021	9:36:33	78793.37	394720.22	39.38	Soil	12,060	0.39
08/14/2021	9:36:34	78793.14	394720.20	39.37	Soil	12,060	0.39
08/14/2021	9:36:35	78793.02	394720.21	39.38	Soil	12,900	0.99
08/14/2021	9:36:36	78792.90	394720.06	39.38	Soil	13,920	1.71
08/14/2021	9:36:37	78792.62	394720.14	39.34	Soil	12,840	0.95
08/14/2021	9:36:38	78792.44	394720.05	39.35	Soil	11,580	0.05
08/14/2021	9:36:39	78792.38	394719.86	39.41	Soil	13,560	1.46
08/14/2021	9:36:40	78792.33	394719.76	39.38	Soil	13,860	1.67
08/14/2021	9:36:41	78792.33	394719.60	39.45	Soil	12,720	0.86
08/14/2021	9:36:42	78792.11	394719.55	39.49	Soil	11,520	0.01
08/14/2021	9:36:43	78791.98	394719.32	39.44	Soil	14,400	2.05
08/14/2021	9:36:44	78791.80	394719.18	39.48	Soil	13,080	1.12
08/14/2021	9:36:45	78791.58	394719.16	39.49	Soil	12,240	0.52
08/14/2021	9:36:46	78791.44	394718.81	39.56	Soil	13,140	1.16
08/14/2021	9:36:47	78791.24	394718.81	39.57	Soil	12,660	0.82
08/14/2021	9:36:48	78791.13	394718.88	39.58	Soil	12,720	0.86

SU 7D GWS RESULTS
(SOIL)

08/14/2021	9:36:49	78791.02	394718.61	39.63	Soil	14,400	2.05
08/14/2021	9:36:50	78790.72	394718.55	39.59	Soil	14,820	2.35
08/14/2021	9:36:51	78790.52	394718.49	39.61	Soil	14,100	1.84
08/14/2021	9:36:52	78790.35	394718.32	39.55	Soil	11,820	0.22
08/14/2021	9:36:53	78790.10	394718.44	39.51	Soil	14,820	2.35
08/14/2021	9:36:54	78789.93	394718.31	39.51	Soil	13,680	1.54
08/14/2021	9:36:55	78789.74	394718.38	39.47	Soil	12,660	0.82
08/14/2021	9:36:56	78789.58	394718.26	39.45	Soil	14,100	1.84
08/14/2021	9:36:57	78789.36	394718.19	39.45	Soil	14,940	2.44
08/14/2021	9:36:58	78789.28	394717.94	39.52	Soil	15,060	2.52
08/14/2021	9:36:59	78789.05	394717.90	39.52	Soil	12,120	0.44
08/14/2021	9:37:00	78788.82	394717.71	39.53	Soil	13,620	1.50
08/14/2021	9:37:01	78788.57	394717.57	39.62	Soil	12,240	0.52
08/14/2021	9:37:02	78788.36	394717.58	39.63	Soil	13,080	1.12
08/14/2021	9:37:03	78788.45	394717.46	39.61	Soil	12,720	0.86
08/14/2021	9:37:04	78788.48	394717.41	39.65	Soil	12,960	1.03
08/14/2021	9:37:05	78788.48	394717.44	39.64	Soil	11,580	0.05
08/14/2021	9:37:06	78788.53	394717.41	39.63	Soil	14,520	2.14
08/14/2021	9:37:07	78788.34	394717.33	39.69	Soil	14,040	1.80
08/14/2021	9:37:08	78788.36	394717.10	39.79	Soil	12,900	0.99
08/14/2021	9:37:09	78788.10	394717.11	39.82	Soil	13,920	1.71
08/14/2021	9:37:10	78787.97	394717.19	39.78	Soil	12,840	0.95
08/14/2021	9:37:11	78787.96	394717.18	39.78	Soil	14,040	1.80
08/14/2021	9:37:12	78788.00	394716.94	39.82	Soil	13,320	1.29
08/14/2021	9:37:13	78788.05	394716.85	39.86	Soil	12,720	0.86
08/14/2021	9:37:14	78788.15	394717.06	39.85	Soil	13,740	1.58
08/14/2021	9:37:15	78788.45	394716.85	39.96	Soil	13,920	1.71
08/14/2021	9:37:16	78788.57	394716.85	39.92	Soil	14,940	2.44
08/14/2021	9:37:17	78788.70	394716.93	39.93	Soil	13,380	1.33
08/14/2021	9:37:18	78788.98	394716.94	39.91	Soil	14,880	2.39
08/14/2021	9:37:19	78789.09	394717.04	39.91	Soil	13,080	1.12
08/14/2021	9:37:20	78789.12	394717.13	39.85	Soil	17,040	3.92
08/14/2021	9:37:21	78789.12	394717.23	39.86	Soil	12,540	0.73
08/14/2021	9:37:22	78789.12	394717.29	39.87	Soil	13,320	1.29
08/14/2021	9:37:23	78789.10	394717.31	39.87	Soil	15,240	2.65
08/14/2021	9:37:24	78789.16	394717.27	39.85	Soil	14,160	1.88
08/14/2021	9:37:25	78788.98	394717.43	39.78	Soil	13,200	1.20
08/14/2021	9:37:26	78788.90	394717.53	39.78	Soil	15,060	2.52
08/14/2021	9:37:27	78789.12	394717.41	39.77	Soil	14,220	1.92
08/14/2021	9:37:28	78789.28	394717.35	39.79	Soil	12,720	0.86
08/14/2021	9:37:29	78789.25	394717.38	39.80	Soil	12,600	0.78
08/14/2021	9:37:30	78789.21	394717.38	39.81	Soil	14,460	2.10
08/14/2021	9:37:31	78789.16	394717.37	39.80	Soil	15,540	2.86
08/14/2021	9:37:32	78789.18	394717.40	39.80	Soil	14,820	2.35
08/14/2021	9:37:33	78789.19	394717.40	39.79	Soil	13,800	1.63
08/14/2021	9:37:34	78789.17	394717.41	39.79	Soil	13,260	1.24
08/14/2021	9:37:35	78789.16	394717.46	39.78	Soil	13,500	1.41
08/14/2021	9:37:36	78789.17	394717.48	39.77	Soil	13,560	1.46
08/14/2021	9:37:37	78789.17	394717.51	39.77	Soil	12,900	0.99
08/14/2021	9:37:38	78789.16	394717.53	39.76	Soil	15,000	2.48
08/14/2021	9:37:39	78789.17	394717.54	39.74	Soil	12,900	0.99

SU 7D GWS RESULTS
(SOIL)

08/14/2021	9:37:40	78789.16	394717.55	39.74	Soil	13,140	1.16
08/14/2021	9:37:41	78789.15	394717.56	39.73	Soil	14,580	2.18
08/14/2021	9:37:42	78789.16	394717.57	39.73	Soil	14,280	1.97
08/14/2021	9:37:43	78789.18	394717.56	39.74	Soil	14,460	2.10
08/14/2021	9:37:44	78789.20	394717.52	39.76	Soil	15,360	2.73
08/14/2021	9:37:45	78789.17	394717.50	39.78	Soil	14,820	2.35
08/14/2021	9:37:46	78789.13	394717.50	39.79	Soil	15,060	2.52
08/14/2021	9:37:47	78789.11	394717.51	39.79	Soil	15,300	2.69
08/14/2021	9:37:48	78789.11	394717.53	39.78	Soil	14,460	2.10
08/14/2021	9:37:49	78789.11	394717.53	39.79	Soil	15,480	2.82
08/14/2021	9:37:50	78789.21	394717.44	39.80	Soil	13,260	1.24
08/14/2021	9:37:51	78789.37	394717.39	39.81	Soil	15,300	2.69
08/14/2021	9:37:52	78789.50	394717.51	39.79	Soil	16,140	3.29
08/14/2021	9:37:53	78789.78	394717.45	39.81	Soil	13,860	1.67
08/14/2021	9:37:54	78789.97	394717.59	39.82	Soil	13,440	1.37
08/14/2021	9:37:55	78790.03	394717.69	39.81	Soil	13,920	1.71
08/14/2021	9:37:56	78789.99	394717.75	39.79	Soil	12,720	0.86
08/14/2021	9:37:57	78790.23	394717.90	39.76	Soil	14,400	2.05
08/14/2021	9:37:58	78790.36	394718.12	39.69	Soil	14,880	2.39
08/14/2021	9:37:59	78790.58	394718.26	39.70	Soil	14,280	1.97
08/14/2021	9:38:00	78790.88	394718.41	39.69	Soil	13,440	1.37
08/14/2021	9:38:01	78790.95	394718.54	39.63	Soil	12,960	1.03
08/14/2021	9:38:02	78790.91	394718.56	39.63	Soil	13,260	1.24
08/14/2021	9:38:03	78790.66	394718.47	39.62	Soil	15,600	2.90
08/14/2021	9:38:04	78790.44	394718.27	39.62	Soil	14,460	2.10
08/14/2021	9:38:05	78790.19	394718.06	39.69	Soil	13,560	1.46
08/14/2021	9:38:06	78790.03	394717.89	39.66	Soil	14,520	2.14
08/14/2021	9:38:07	78789.84	394717.73	39.73	Soil	13,380	1.33
08/14/2021	9:38:08	78789.60	394717.61	39.76	Soil	13,740	1.58
08/14/2021	9:38:09	78789.51	394717.58	39.75	Soil	14,220	1.92
08/14/2021	9:38:10	78789.48	394717.59	39.74	Soil	15,000	2.48
08/14/2021	9:38:11	78789.43	394717.40	39.77	Soil	13,020	1.07
08/14/2021	9:38:12	78789.21	394717.36	39.77	Soil	14,940	2.44
08/14/2021	9:38:13	78789.08	394717.34	39.77	Soil	13,980	1.75
08/14/2021	9:38:14	78789.06	394717.31	39.76	Soil	13,800	1.63
08/14/2021	9:38:15	78789.05	394717.11	39.76	Soil	14,220	1.92
08/14/2021	9:38:16	78788.86	394716.98	39.86	Soil	13,020	1.07
08/14/2021	9:38:17	78788.62	394716.79	39.91	Soil	13,380	1.33
08/14/2021	9:38:18	78788.49	394716.78	39.92	Soil	14,280	1.97
08/14/2021	9:38:19	78788.37	394716.96	39.86	Soil	13,800	1.63
08/14/2021	9:38:20	78788.50	394717.18	39.80	Soil	13,920	1.71
08/14/2021	9:38:21	78788.73	394717.13	39.81	Soil	12,180	0.48
08/14/2021	9:38:22	78788.92	394717.03	39.83	Soil	13,800	1.63
08/14/2021	9:38:23	78789.07	394717.21	39.81	Soil	13,380	1.33
08/14/2021	9:38:24	78789.09	394717.30	39.79	Soil	13,800	1.63
08/14/2021	9:38:25	78789.02	394717.30	39.80	Soil	13,080	1.12
08/14/2021	9:38:26	78789.20	394717.22	39.82	Soil	12,960	1.03
08/14/2021	9:38:27	78789.38	394717.37	39.79	Soil	13,200	1.20
08/14/2021	9:38:28	78789.70	394717.38	39.82	Soil	14,640	2.22
08/14/2021	9:38:29	78789.89	394717.51	39.84	Soil	16,140	3.29
08/14/2021	9:38:30	78790.01	394717.66	39.85	Soil	12,720	0.86

SU 7D GWS RESULTS
(SOIL)

08/14/2021	9:38:31	78789.97	394717.80	39.80	Soil	13,920	1.71
08/14/2021	9:38:32	78789.92	394717.88	39.80	Soil	15,360	2.73
08/14/2021	9:38:33	78790.12	394717.90	39.81	Soil	13,380	1.33
08/14/2021	9:38:34	78790.09	394717.81	39.82	Soil	15,480	2.82
08/14/2021	9:38:35	78790.04	394717.91	39.74	Soil	13,560	1.46
08/14/2021	9:38:36	78790.04	394718.04	39.75	Soil	15,420	2.78
08/14/2021	9:38:37	78789.93	394717.94	39.74	Soil	12,720	0.86
08/14/2021	9:38:38	78789.75	394717.83	39.77	Soil	14,160	1.88
08/14/2021	9:38:39	78789.59	394717.59	39.80	Soil	15,600	2.90
08/14/2021	9:38:40	78789.46	394717.54	39.80	Soil	13,380	1.33
08/14/2021	9:38:41	78789.34	394717.48	39.80	Soil	15,300	2.69
08/14/2021	9:38:42	78789.16	394717.31	39.82	Soil	14,640	2.22
08/14/2021	9:38:43	78788.98	394717.27	39.83	Soil	13,380	1.33
08/14/2021	9:38:44	78788.90	394717.29	39.83	Soil	15,120	2.56
08/14/2021	9:38:45	78788.88	394717.30	39.82	Soil	12,660	0.82
08/14/2021	9:38:46	78788.90	394717.30	39.80	Soil	13,020	1.07
08/14/2021	9:39:04	78788.92	394717.32	39.68	Soil	12,540	0.73
08/14/2021	9:39:05	78788.88	394717.24	39.67	Soil	14,640	2.22
08/14/2021	9:39:06	78788.78	394717.07	39.73	Soil	13,020	1.07
08/14/2021	9:39:07	78788.57	394716.85	39.79	Soil	13,440	1.37
08/14/2021	9:39:08	78788.19	394716.90	39.85	Soil	13,560	1.46
08/14/2021	9:39:09	78787.98	394717.06	39.84	Soil	16,920	3.84
08/14/2021	9:39:10	78787.79	394716.68	39.91	Soil	14,100	1.84
08/14/2021	9:39:11	78787.41	394716.55	40.06	Soil	10,800	-0.50
08/14/2021	9:39:12	78787.28	394716.52	40.07	Soil	13,140	1.16
08/14/2021	9:39:13	78787.10	394716.61	40.02	Soil	12,600	0.78
08/14/2021	9:39:14	78786.98	394716.71	40.00	Soil	12,240	0.52
08/14/2021	9:39:15	78786.99	394716.73	39.98	Soil	14,280	1.97
08/14/2021	9:39:16	78787.00	394716.73	39.94	Soil	11,880	0.27
08/14/2021	9:39:17	78787.01	394716.73	39.92	Soil	13,200	1.20
08/14/2021	9:39:18	78787.05	394716.58	39.96	Soil	12,960	1.03
08/14/2021	9:39:19	78786.84	394716.54	39.95	Soil	12,300	0.56
08/14/2021	9:39:20	78786.76	394716.31	40.01	Soil	12,900	0.99
08/14/2021	9:39:21	78786.56	394716.22	40.09	Soil	11,100	-0.29
08/14/2021	9:39:22	78786.34	394716.11	40.08	Soil	13,320	1.29
08/14/2021	9:39:23	78786.12	394715.84	40.19	Soil	13,620	1.50
08/14/2021	9:39:24	78785.73	394715.70	40.24	Soil	11,820	0.22
08/14/2021	9:39:25	78785.62	394715.46	40.30	Soil	13,680	1.54
08/14/2021	9:39:26	78785.43	394715.36	40.32	Soil	13,020	1.07
08/14/2021	9:39:27	78785.32	394715.19	40.33	Soil	12,720	0.86
08/14/2021	9:39:28	78785.16	394715.08	40.35	Soil	12,000	0.35
08/14/2021	9:39:29	78784.93	394714.96	40.39	Soil	13,440	1.37
08/14/2021	9:39:30	78784.73	394714.81	40.42	Soil	12,000	0.35
08/14/2021	9:39:31	78784.47	394714.69	40.42	Soil	12,420	0.65
08/14/2021	9:39:32	78784.24	394714.52	40.41	Soil	11,460	-0.03
08/14/2021	9:39:33	78783.98	394714.46	40.35	Soil	13,560	1.46
08/14/2021	9:39:34	78783.75	394714.39	40.32	Soil	14,340	2.01
08/14/2021	9:39:35	78783.52	394714.60	40.17	Soil	14,880	2.39
08/14/2021	9:39:36	78783.23	394714.71	40.12	Soil	15,480	2.82
08/14/2021	9:39:37	78783.03	394714.87	39.92	Soil	13,200	1.20
08/14/2021	9:39:38	78782.83	394714.93	39.90	Soil	15,240	2.65

SU 7D GWS RESULTS
(SOIL)

08/14/2021	9:39:39	78782.61	394714.99	39.86	Soil	15,120	2.56
08/14/2021	9:39:40	78782.31	394714.95	39.87	Soil	14,700	2.27
08/14/2021	9:39:41	78782.11	394715.07	39.85	Soil	13,380	1.33
08/14/2021	9:39:42	78781.89	394715.13	39.84	Soil	14,760	2.31
08/14/2021	9:39:43	78781.73	394715.28	39.78	Soil	14,520	2.14
08/14/2021	9:39:44	78781.49	394715.31	39.77	Soil	13,560	1.46
08/14/2021	9:39:45	78781.34	394715.44	39.78	Soil	14,100	1.84
08/14/2021	9:39:46	78781.17	394715.57	39.80	Soil	12,420	0.65
08/14/2021	9:39:47	78781.02	394715.69	39.72	Soil	14,040	1.80
08/14/2021	9:39:48	78780.79	394715.77	39.72	Soil	13,980	1.75
08/14/2021	9:39:49	78780.65	394715.91	39.70	Soil	13,800	1.63
08/14/2021	9:39:50	78780.45	394716.02	39.70	Soil	13,560	1.46
08/14/2021	9:39:51	78780.33	394716.18	39.66	Soil	13,440	1.37
08/14/2021	9:39:52	78780.12	394716.33	39.63	Soil	13,380	1.33
08/14/2021	9:39:53	78780.03	394716.49	39.63	Soil	11,460	-0.03
08/14/2021	9:39:54	78779.71	394716.66	39.68	Soil	12,300	0.56
08/14/2021	9:39:55	78779.56	394716.90	39.58	Soil	10,560	-0.67
08/14/2021	9:39:56	78779.43	394717.12	39.56	Soil	12,780	0.90
08/14/2021	9:39:57	78779.33	394717.30	39.53	Soil	13,200	1.20
08/14/2021	9:39:58	78779.28	394717.57	39.42	Soil	13,260	1.24
08/14/2021	9:39:59	78779.21	394717.78	39.46	Soil	11,400	-0.08
08/14/2021	9:40:00	78779.24	394717.79	39.47	Soil	13,440	1.37
08/14/2021	9:40:01	78779.36	394717.63	39.45	Soil	11,580	0.05
08/14/2021	9:40:02	78779.56	394717.53	39.42	Soil	13,020	1.07
08/14/2021	9:40:03	78779.68	394717.59	39.36	Soil	12,660	0.82
08/14/2021	9:40:04	78779.86	394717.16	39.49	Soil	12,300	0.56
08/14/2021	9:40:05	78780.09	394716.99	39.54	Soil	13,440	1.37
08/14/2021	9:40:06	78780.20	394716.93	39.57	Soil	11,940	0.31
08/14/2021	9:40:07	78780.15	394716.66	39.66	Soil	12,900	0.99
08/14/2021	9:40:08	78780.27	394716.67	39.61	Soil	13,380	1.33
08/14/2021	9:40:09	78780.52	394716.50	39.66	Soil	12,600	0.78
08/14/2021	9:40:10	78780.78	394716.47	39.64	Soil	14,940	2.44
08/14/2021	9:40:11	78781.01	394716.40	39.63	Soil	14,340	2.01
08/14/2021	9:40:12	78781.19	394716.20	39.73	Soil	13,680	1.54
08/14/2021	9:40:13	78781.37	394716.18	39.73	Soil	14,880	2.39
08/14/2021	9:40:14	78781.49	394716.18	39.72	Soil	15,000	2.48
08/14/2021	9:40:15	78781.53	394716.14	39.71	Soil	12,540	0.73
08/14/2021	9:40:16	78781.70	394715.99	39.69	Soil	14,580	2.18
08/14/2021	9:40:17	78781.95	394715.81	39.71	Soil	14,100	1.84
08/14/2021	9:40:18	78782.15	394715.77	39.72	Soil	14,700	2.27
08/14/2021	9:40:19	78782.35	394715.86	39.67	Soil	13,980	1.75
08/14/2021	9:40:20	78782.65	394715.84	39.63	Soil	14,520	2.14
08/14/2021	9:40:21	78782.92	394715.81	39.60	Soil	16,680	3.67
08/14/2021	9:40:22	78783.37	394715.45	39.80	Soil	13,020	1.07
08/14/2021	9:40:23	78783.66	394715.38	40.05	Soil	13,560	1.46
08/14/2021	9:40:24	78783.81	394715.37	40.08	Soil	14,220	1.92
08/14/2021	9:40:25	78784.17	394715.25	40.26	Soil	14,100	1.84
08/14/2021	9:40:26	78784.60	394715.26	40.40	Soil	13,320	1.29
08/14/2021	9:40:27	78784.75	394715.35	40.43	Soil	13,500	1.41
08/14/2021	9:40:28	78784.72	394715.39	40.45	Soil	11,820	0.22
08/14/2021	9:40:29	78784.98	394715.43	40.42	Soil	13,740	1.58

SU 7D GWS RESULTS
(SOIL)

08/14/2021	9:40:30	78785.32	394715.56	40.47	Soil	12,780	0.90
08/14/2021	9:40:31	78785.43	394715.76	40.43	Soil	12,000	0.35
08/14/2021	9:40:32	78785.46	394715.86	40.44	Soil	13,080	1.12
08/14/2021	9:40:33	78785.65	394715.79	40.47	Soil	12,600	0.78
08/14/2021	9:40:34	78785.77	394715.91	40.38	Soil	13,140	1.16
08/14/2021	9:40:35	78785.95	394716.09	40.32	Soil	14,040	1.80
08/14/2021	9:40:36	78786.27	394716.26	40.25	Soil	12,720	0.86
08/14/2021	9:40:37	78786.43	394716.45	40.25	Soil	10,560	-0.67
08/14/2021	9:40:38	78786.73	394716.52	40.26	Soil	13,800	1.63
08/14/2021	9:40:39	78786.89	394716.71	40.18	Soil	13,740	1.58
08/14/2021	9:40:40	78787.19	394716.80	40.16	Soil	13,560	1.46
08/14/2021	9:40:41	78787.39	394716.95	40.04	Soil	12,600	0.78
08/14/2021	9:40:42	78787.68	394717.03	40.00	Soil	11,640	0.10
08/14/2021	9:40:43	78787.91	394717.16	39.90	Soil	13,620	1.50
08/14/2021	9:40:44	78788.12	394717.21	39.90	Soil	14,580	2.18
08/14/2021	9:40:45	78788.40	394717.27	39.84	Soil	13,080	1.12
08/14/2021	9:40:46	78788.75	394717.25	39.84	Soil	13,620	1.50
08/14/2021	9:40:47	78788.92	394717.38	39.76	Soil	15,240	2.65
08/14/2021	9:40:48	78789.10	394717.52	39.76	Soil	15,480	2.82
08/14/2021	9:40:49	78789.31	394717.60	39.77	Soil	13,440	1.37
08/14/2021	9:40:50	78789.44	394717.68	39.78	Soil	12,840	0.95
08/14/2021	9:40:51	78789.44	394717.80	39.73	Soil	13,140	1.16
08/14/2021	9:40:52	78789.68	394718.01	39.67	Soil	13,320	1.29
08/14/2021	9:40:53	78789.89	394718.25	39.60	Soil	14,220	1.92
08/14/2021	9:40:54	78790.07	394718.33	39.61	Soil	14,580	2.18
08/14/2021	9:40:55	78790.12	394718.45	39.55	Soil	13,560	1.46
08/14/2021	9:40:56	78790.27	394718.52	39.57	Soil	14,400	2.05
08/14/2021	9:40:57	78790.44	394718.64	39.55	Soil	14,700	2.27
08/14/2021	9:40:58	78790.64	394718.77	39.49	Soil	12,360	0.61
08/14/2021	9:40:59	78790.84	394718.94	39.46	Soil	11,460	-0.03
08/14/2021	9:41:00	78791.05	394719.05	39.45	Soil	13,080	1.12
08/14/2021	9:41:01	78791.18	394719.18	39.43	Soil	13,620	1.50
08/14/2021	9:41:02	78791.33	394719.28	39.41	Soil	13,380	1.33
08/14/2021	9:41:03	78791.49	394719.43	39.40	Soil	13,800	1.63
08/14/2021	9:41:04	78791.70	394719.51	39.41	Soil	11,640	0.10
08/14/2021	9:41:05	78791.84	394719.68	39.39	Soil	12,420	0.65
08/14/2021	9:41:06	78792.04	394719.77	39.39	Soil	12,420	0.65
08/14/2021	9:41:07	78792.15	394719.92	39.34	Soil	11,580	0.05
08/14/2021	9:41:08	78792.37	394719.99	39.34	Soil	12,540	0.73
08/14/2021	9:41:09	78792.52	394720.15	39.32	Soil	12,600	0.78
08/14/2021	9:41:10	78792.69	394720.29	39.34	Soil	13,080	1.12
08/14/2021	9:41:11	78792.85	394720.37	39.35	Soil	13,320	1.29
08/14/2021	9:41:12	78792.96	394720.43	39.36	Soil	12,540	0.73
08/14/2021	9:41:13	78793.09	394720.51	39.34	Soil	12,540	0.73
08/14/2021	9:41:14	78793.33	394720.60	39.40	Soil	14,040	1.80
08/14/2021	9:41:15	78793.66	394720.61	39.43	Soil	11,460	-0.03
08/14/2021	9:41:16	78793.82	394720.73	39.44	Soil	12,780	0.90
08/14/2021	9:41:17	78793.90	394720.88	39.46	Soil	11,640	0.10
08/14/2021	9:41:18	78794.01	394720.95	39.48	Soil	14,340	2.01
08/14/2021	9:41:19	78794.06	394721.09	39.44	Soil	13,920	1.71
08/14/2021	9:41:20	78794.18	394721.17	39.48	Soil	12,240	0.52

SU 7D GWS RESULTS
(SOIL)

08/14/2021	9:41:21	78794.25	394721.34	39.47	Soil	9,840	-1.18
08/14/2021	9:41:22	78794.44	394721.43	39.50	Soil	11,580	0.05
08/14/2021	9:41:23	78794.54	394721.57	39.48	Soil	13,860	1.67
08/14/2021	9:41:24	78794.67	394721.70	39.51	Soil	11,520	0.01
08/14/2021	9:41:25	78794.83	394721.90	39.48	Soil	12,420	0.65
08/14/2021	9:41:26	78795.03	394721.98	39.55	Soil	12,240	0.52
08/14/2021	9:41:27	78795.24	394722.06	39.56	Soil	12,900	0.99
08/14/2021	9:41:28	78795.55	394722.14	39.64	Soil	12,660	0.82
08/14/2021	9:41:29	78795.68	394722.09	39.68	Soil	9,840	-1.18
08/14/2021	9:41:30	78795.73	394721.96	39.70	Soil	14,580	2.18
08/14/2021	9:41:31	78795.60	394721.91	39.64	Soil	13,380	1.33
08/14/2021	9:41:32	78795.49	394721.98	39.64	Soil	12,480	0.69
08/14/2021	9:41:33	78795.40	394722.08	39.58	Soil	11,340	-0.12
08/14/2021	9:41:34	78795.25	394722.28	39.46	Soil	15,000	2.48
08/14/2021	9:41:35	78795.16	394722.39	39.42	Soil	12,660	0.82
08/14/2021	9:41:36	78795.07	394722.38	39.35	Soil	11,280	-0.16
08/14/2021	9:41:37	78794.91	394722.39	39.30	Soil	11,100	-0.29
08/14/2021	9:41:38	78794.78	394722.25	39.24	Soil	10,560	-0.67
08/14/2021	9:41:39	78794.56	394722.13	39.10	Soil	11,400	-0.08
08/14/2021	9:41:40	78794.35	394721.92	39.20	Soil	12,840	0.95
08/14/2021	9:41:41	78794.16	394721.75	39.21	Soil	13,140	1.16
08/14/2021	9:41:42	78794.05	394721.61	39.22	Soil	13,560	1.46
08/14/2021	9:41:43	78794.04	394721.47	39.25	Soil	10,740	-0.54
08/14/2021	9:41:44	78793.99	394721.43	39.18	Soil	12,720	0.86
08/14/2021	9:41:45	78793.92	394721.38	39.23	Soil	13,680	1.54
08/14/2021	9:41:46	78793.91	394721.28	39.18	Soil	13,800	1.63
08/14/2021	9:41:47	78793.84	394721.22	39.21	Soil	11,880	0.27
08/14/2021	9:41:48	78793.70	394721.11	39.20	Soil	13,800	1.63
08/14/2021	9:41:49	78793.58	394720.98	39.20	Soil	13,140	1.16
08/14/2021	9:41:50	78793.46	394720.88	39.22	Soil	13,800	1.63
08/14/2021	9:41:51	78793.38	394720.72	39.16	Soil	12,720	0.86
08/14/2021	9:41:52	78793.20	394720.62	39.14	Soil	12,120	0.44
08/14/2021	9:41:53	78792.88	394720.53	39.13	Soil	13,620	1.50
08/14/2021	9:41:54	78792.58	394720.54	39.15	Soil	13,620	1.50
08/14/2021	9:41:55	78792.43	394720.44	39.16	Soil	12,300	0.56
08/14/2021	9:41:56	78792.26	394720.37	39.19	Soil	12,420	0.65
08/14/2021	9:41:57	78792.12	394720.19	39.18	Soil	11,760	0.18
08/14/2021	9:41:58	78791.86	394720.10	39.19	Soil	11,520	0.01
08/14/2021	9:41:59	78791.68	394719.97	39.20	Soil	12,000	0.35
08/14/2021	9:42:00	78791.53	394719.84	39.25	Soil	13,500	1.41
08/14/2021	9:42:01	78791.39	394719.68	39.27	Soil	10,920	-0.42
08/14/2021	9:42:02	78791.19	394719.58	39.26	Soil	11,640	0.10
08/14/2021	9:42:03	78791.01	394719.45	39.30	Soil	13,620	1.50
08/14/2021	9:42:04	78790.80	394719.33	39.27	Soil	14,220	1.92
08/14/2021	9:42:05	78790.65	394719.10	39.33	Soil	12,840	0.95
08/14/2021	9:42:06	78790.30	394718.94	39.38	Soil	13,260	1.24
08/14/2021	9:42:07	78790.08	394718.81	39.36	Soil	13,260	1.24
08/14/2021	9:42:08	78789.99	394718.51	39.48	Soil	12,540	0.73
08/14/2021	9:42:09	78789.82	394718.20	39.53	Soil	13,740	1.58
08/14/2021	9:42:10	78789.44	394718.17	39.44	Soil	12,900	0.99
08/14/2021	9:42:11	78789.18	394718.17	39.44	Soil	14,580	2.18

SU 7D GWS RESULTS
(SOIL)

08/14/2021	9:42:12	78789.06	394718.01	39.52	Soil	14,520	2.14
08/14/2021	9:42:13	78788.94	394717.99	39.56	Soil	14,700	2.27
08/14/2021	9:42:14	78788.71	394717.74	39.60	Soil	15,180	2.61
08/14/2021	9:42:15	78788.38	394717.59	39.68	Soil	12,960	1.03
08/14/2021	9:42:16	78788.15	394717.66	39.67	Soil	11,460	-0.03
08/14/2021	9:42:17	78787.98	394717.53	39.75	Soil	11,580	0.05
08/14/2021	9:42:18	78787.76	394717.55	39.78	Soil	12,540	0.73
08/14/2021	9:42:19	78787.56	394717.55	39.78	Soil	11,640	0.10
08/14/2021	9:42:20	78787.27	394717.29	39.92	Soil	12,360	0.61
08/14/2021	9:42:21	78787.01	394717.30	39.92	Soil	13,680	1.54
08/14/2021	9:42:22	78786.75	394717.23	39.91	Soil	12,540	0.73
08/14/2021	9:42:23	78786.46	394717.03	40.04	Soil	13,440	1.37
08/14/2021	9:42:24	78786.21	394716.92	40.05	Soil	13,800	1.63
08/14/2021	9:42:25	78785.97	394716.61	40.11	Soil	13,560	1.46
08/14/2021	9:42:26	78785.73	394716.50	39.99	Soil	12,660	0.82
08/14/2021	9:42:27	78785.57	394716.52	39.99	Soil	14,280	1.97
08/14/2021	9:42:28	78785.50	394716.46	39.98	Soil	12,180	0.48
08/14/2021	9:42:29	78785.31	394716.13	39.96	Soil	11,700	0.14
08/14/2021	9:42:30	78785.00	394716.08	39.98	Soil	11,280	-0.16
08/14/2021	9:42:31	78784.84	394716.18	40.00	Soil	13,500	1.41
08/14/2021	9:42:32	78784.82	394716.12	40.02	Soil	13,560	1.46
08/14/2021	9:42:33	78784.82	394715.85	39.95	Soil	12,540	0.73
08/14/2021	9:42:34	78784.58	394715.74	39.98	Soil	12,720	0.86
08/14/2021	9:42:35	78784.23	394715.76	39.94	Soil	13,860	1.67
08/14/2021	9:42:36	78784.00	394715.62	40.11	Soil	13,680	1.54
08/14/2021	9:42:37	78783.83	394715.37	40.15	Soil	14,760	2.31
08/14/2021	9:42:38	78783.74	394715.44	39.99	Soil	13,140	1.16
08/14/2021	9:42:39	78783.58	394715.59	39.89	Soil	15,960	3.16
08/14/2021	9:42:40	78783.30	394715.55	39.85	Soil	13,560	1.46
08/14/2021	9:42:41	78783.05	394715.63	39.83	Soil	17,100	3.97
08/14/2021	9:42:42	78782.83	394715.73	39.78	Soil	14,340	2.01
08/14/2021	9:42:43	78782.66	394715.84	39.75	Soil	16,080	3.24
08/14/2021	9:42:44	78782.72	394715.89	39.80	Soil	14,700	2.27
08/14/2021	9:42:45	78782.75	394715.92	39.79	Soil	16,320	3.41
08/14/2021	9:42:46	78782.67	394715.93	39.82	Soil	13,140	1.16
08/14/2021	9:42:47	78782.74	394715.91	39.82	Soil	13,020	1.07
08/14/2021	9:42:48	78782.81	394715.91	39.82	Soil	16,500	3.54
08/14/2021	9:42:49	78782.92	394715.75	39.88	Soil	15,540	2.86
08/14/2021	9:42:50	78783.17	394715.74	39.85	Soil	16,320	3.41
08/14/2021	9:42:51	78783.34	394715.79	39.84	Soil	14,220	1.92
08/14/2021	9:42:52	78783.37	394715.82	39.83	Soil	14,520	2.14
08/14/2021	9:42:53	78783.38	394715.89	39.81	Soil	14,640	2.22
08/14/2021	9:42:54	78783.39	394715.73	39.82	Soil	13,860	1.67
08/14/2021	9:42:55	78783.51	394715.70	39.89	Soil	13,440	1.37
08/14/2021	9:42:56	78783.65	394715.81	39.88	Soil	14,460	2.10
08/14/2021	9:42:57	78783.74	394715.80	39.89	Soil	13,140	1.16
08/14/2021	9:42:58	78783.86	394715.77	39.89	Soil	15,660	2.95
08/14/2021	9:42:59	78784.16	394715.67	40.12	Soil	13,980	1.75
08/14/2021	9:43:00	78784.45	394715.89	40.06	Soil	15,900	3.12
08/14/2021	9:43:01	78784.56	394716.06	40.07	Soil	13,680	1.54
08/14/2021	9:43:02	78784.59	394716.02	40.08	Soil	12,780	0.90

SU 7D GWS RESULTS
(SOIL)

08/14/2021	9:43:03	78784.59	394715.97	40.10	Soil	14,220	1.92
08/14/2021	9:43:04	78784.58	394715.94	40.13	Soil	15,120	2.56
08/14/2021	9:43:05	78784.54	394715.94	40.14	Soil	13,500	1.41
08/14/2021	9:43:06	78784.73	394716.06	40.12	Soil	13,080	1.12
08/14/2021	9:43:07	78784.91	394716.27	40.00	Soil	13,740	1.58
08/14/2021	9:43:08	78785.03	394716.14	40.00	Soil	15,000	2.48
08/14/2021	9:43:09	78785.43	394716.20	40.11	Soil	14,640	2.22
08/14/2021	9:43:10	78785.70	394716.26	40.12	Soil	13,320	1.29
08/14/2021	9:43:11	78785.81	394716.30	40.36	Soil	13,200	1.20
08/14/2021	9:43:12	78785.94	394716.46	40.32	Soil	12,540	0.73
08/14/2021	9:43:13	78786.06	394716.24	40.39	Soil	13,440	1.37
08/14/2021	9:43:14	78786.29	394716.18	40.49	Soil	12,420	0.65
08/14/2021	9:43:15	78786.49	394716.14	40.53	Soil	11,940	0.31
08/14/2021	9:43:16	78786.50	394716.24	40.45	Soil	12,720	0.86
08/14/2021	9:43:17	78786.43	394716.44	40.44	Soil	16,860	3.80
08/14/2021	9:43:18	78786.39	394716.46	40.44	Soil	12,840	0.95
08/14/2021	9:43:19	78786.38	394716.47	40.44	Soil	11,760	0.18
08/14/2021	9:43:20	78786.37	394716.47	40.46	Soil	13,740	1.58
08/14/2021	9:43:21	78786.45	394716.45	40.46	Soil	12,300	0.56
08/14/2021	9:43:22	78786.61	394716.50	40.42	Soil	14,100	1.84
08/14/2021	9:43:23	78786.64	394716.61	40.41	Soil	14,580	2.18
08/14/2021	9:43:24	78786.58	394716.59	40.42	Soil	12,120	0.44
08/14/2021	9:43:25	78786.49	394716.68	40.30	Soil	14,580	2.18
08/14/2021	9:43:26	78786.45	394716.84	40.29	Soil	12,780	0.90
08/14/2021	9:43:27	78786.48	394716.88	40.29	Soil	13,440	1.37
08/14/2021	9:43:28	78786.54	394716.75	40.32	Soil	13,020	1.07
08/14/2021	9:43:29	78786.73	394716.77	40.29	Soil	13,920	1.71
08/14/2021	9:43:30	78787.11	394716.69	40.31	Soil	11,940	0.31
08/14/2021	9:43:31	78787.38	394716.65	40.32	Soil	12,300	0.56
08/14/2021	9:43:32	78787.41	394716.81	40.30	Soil	13,260	1.24
08/14/2021	9:43:33	78787.47	394716.84	40.27	Soil	14,040	1.80
08/14/2021	9:43:34	78787.58	394716.93	40.21	Soil	13,980	1.75
08/14/2021	9:43:35	78787.80	394717.02	40.12	Soil	11,640	0.10
08/14/2021	9:43:36	78787.93	394717.02	40.14	Soil	13,860	1.67
08/14/2021	9:43:37	78787.92	394717.02	40.14	Soil	13,020	1.07
08/14/2021	9:43:38	78788.00	394716.96	40.16	Soil	14,580	2.18
08/14/2021	9:43:39	78787.96	394716.99	40.13	Soil	12,060	0.39
08/14/2021	9:43:40	78787.93	394717.15	40.05	Soil	12,360	0.61
08/14/2021	9:43:41	78787.99	394717.27	40.03	Soil	15,240	2.65
08/14/2021	9:43:42	78787.85	394717.23	40.01	Soil	15,060	2.52
08/14/2021	9:43:43	78787.47	394717.21	40.10	Soil	12,480	0.69
08/14/2021	9:43:44	78787.24	394717.19	40.15	Soil	13,380	1.33
08/14/2021	9:43:45	78787.10	394717.09	40.12	Soil	12,000	0.35
08/14/2021	9:43:46	78786.88	394717.09	40.15	Soil	14,580	2.18
08/14/2021	9:43:47	78786.72	394717.09	40.16	Soil	13,200	1.20
08/14/2021	9:43:48	78786.67	394717.09	40.14	Soil	13,500	1.41
08/14/2021	9:43:49	78786.56	394717.05	40.15	Soil	11,340	-0.12
08/14/2021	9:43:50	78786.64	394717.17	40.06	Soil	11,640	0.10
08/14/2021	9:43:51	78787.00	394717.40	39.87	Soil	14,040	1.80
08/14/2021	9:43:52	78787.43	394717.45	39.96	Soil	11,400	-0.08
08/14/2021	9:43:53	78787.86	394717.35	40.02	Soil	12,540	0.73

SU 7D GWS RESULTS
(SOIL)

08/14/2021	9:43:54	78788.25	394717.39	39.92	Soil	12,120	0.44
08/14/2021	9:43:55	78788.55	394717.56	39.87	Soil	14,040	1.80
08/14/2021	9:43:56	78788.65	394717.75	39.83	Soil	13,200	1.20
08/14/2021	9:43:57	78788.87	394717.83	39.84	Soil	13,980	1.75
08/14/2021	9:43:58	78789.04	394717.96	39.76	Soil	12,960	1.03
08/14/2021	9:43:59	78789.24	394718.06	39.75	Soil	14,940	2.44
08/14/2021	9:44:00	78789.54	394718.21	39.74	Soil	13,500	1.41
08/14/2021	9:44:01	78789.85	394718.39	39.73	Soil	12,660	0.82
08/14/2021	9:44:02	78790.10	394718.55	39.69	Soil	13,380	1.33
08/14/2021	9:44:03	78790.22	394718.70	39.70	Soil	12,720	0.86
08/14/2021	9:44:04	78790.39	394718.77	39.69	Soil	12,960	1.03
08/14/2021	9:44:05	78790.55	394718.89	39.68	Soil	12,540	0.73
08/14/2021	9:44:06	78790.76	394718.98	39.69	Soil	13,680	1.54
08/14/2021	9:44:07	78791.01	394719.10	39.67	Soil	12,600	0.78
08/14/2021	9:44:08	78791.18	394719.26	39.67	Soil	12,180	0.48
08/14/2021	9:44:09	78791.35	394719.39	39.64	Soil	11,760	0.18
08/14/2021	9:44:10	78791.50	394719.61	39.63	Soil	10,980	-0.37
08/14/2021	9:44:11	78791.76	394719.85	39.57	Soil	12,180	0.48
08/14/2021	9:44:12	78791.91	394720.13	39.53	Soil	13,800	1.63
08/14/2021	9:44:13	78792.18	394720.32	39.52	Soil	12,420	0.65
08/14/2021	9:44:14	78792.44	394720.46	39.52	Soil	12,540	0.73
08/14/2021	9:44:15	78792.74	394720.55	39.55	Soil	11,700	0.14
08/14/2021	9:44:16	78793.20	394720.73	39.54	Soil	11,040	-0.33
08/14/2021	9:44:17	78793.60	394720.98	39.61	Soil	13,080	1.12
08/14/2021	9:44:18	78793.94	394721.11	39.68	Soil	11,460	-0.03
08/14/2021	9:44:19	78794.19	394721.37	39.70	Soil	11,940	0.31
08/14/2021	9:44:20	78794.49	394721.61	39.72	Soil	10,020	-1.05
08/14/2021	9:44:21	78794.76	394721.83	39.69	Soil	11,100	-0.29
08/14/2021	9:44:22	78794.97	394722.16	39.69	Soil	12,660	0.82
08/14/2021	9:44:23	78795.05	394722.37	39.64	Soil	14,580	2.18
08/14/2021	9:44:24	78794.90	394722.54	39.56	Soil	12,300	0.56
08/14/2021	9:44:25	78794.79	394722.65	39.56	Soil	13,200	1.20
08/14/2021	9:44:26	78794.73	394722.46	39.54	Soil	11,580	0.05
08/14/2021	9:44:27	78794.63	394722.15	39.56	Soil	11,820	0.22
08/14/2021	9:44:28	78794.46	394721.94	39.57	Soil	11,160	-0.25
08/14/2021	9:44:29	78794.20	394721.81	39.52	Soil	13,500	1.41
08/14/2021	9:44:30	78793.97	394721.63	39.53	Soil	11,580	0.05
08/14/2021	9:44:31	78793.78	394721.45	39.47	Soil	12,360	0.61
08/14/2021	9:44:32	78793.58	394721.34	39.39	Soil	12,060	0.39
08/14/2021	9:44:33	78793.48	394721.40	39.40	Soil	13,380	1.33
08/14/2021	9:44:34	78793.36	394721.24	39.40	Soil	12,840	0.95
08/14/2021	9:44:35	78793.04	394720.99	39.35	Soil	11,640	0.10
08/14/2021	9:44:36	78792.60	394720.75	39.39	Soil	11,760	0.18
08/14/2021	9:44:37	78792.30	394720.52	39.39	Soil	12,600	0.78
08/14/2021	9:44:38	78792.09	394720.44	39.39	Soil	12,180	0.48
08/14/2021	9:44:39	78791.89	394720.31	39.42	Soil	13,260	1.24
08/14/2021	9:44:40	78791.63	394720.20	39.41	Soil	15,300	2.69
08/14/2021	9:44:41	78791.40	394720.06	39.44	Soil	12,420	0.65
08/14/2021	9:44:42	78791.13	394719.91	39.42	Soil	12,720	0.86
08/14/2021	9:44:43	78790.92	394719.72	39.50	Soil	12,360	0.61
08/14/2021	9:44:44	78790.75	394719.63	39.52	Soil	11,820	0.22

SU 7D GWS RESULTS
(SOIL)

08/14/2021	9:44:45	78790.59	394719.54	39.54	Soil	12,540	0.73
08/14/2021	9:44:46	78790.40	394719.44	39.53	Soil	12,120	0.44
08/14/2021	9:44:47	78790.20	394719.37	39.50	Soil	11,760	0.18
08/14/2021	9:44:48	78790.07	394719.24	39.47	Soil	12,060	0.39
08/14/2021	9:44:49	78789.88	394719.21	39.43	Soil	12,360	0.61
08/14/2021	9:44:50	78789.79	394719.10	39.43	Soil	13,680	1.54
08/14/2021	9:44:51	78789.63	394719.05	39.42	Soil	13,620	1.50
08/14/2021	9:44:52	78789.37	394719.02	39.43	Soil	12,840	0.95
08/14/2021	9:44:53	78789.17	394718.90	39.39	Soil	11,640	0.10
08/14/2021	9:44:54	78789.05	394718.81	39.39	Soil	14,220	1.92
08/14/2021	9:44:55	78789.08	394718.63	39.48	Soil	12,660	0.82
08/14/2021	9:44:56	78788.88	394718.46	39.53	Soil	13,080	1.12
08/14/2021	9:44:57	78788.76	394718.24	39.56	Soil	11,760	0.18
08/14/2021	9:44:58	78788.60	394718.10	39.64	Soil	12,840	0.95
08/14/2021	9:44:59	78788.34	394718.06	39.66	Soil	12,900	0.99
08/14/2021	9:45:00	78788.28	394718.06	39.62	Soil	15,360	2.73
08/14/2021	9:45:01	78788.29	394718.08	39.61	Soil	12,300	0.56
08/14/2021	9:45:02	78788.36	394717.90	39.64	Soil	11,760	0.18
08/14/2021	9:45:03	78788.23	394717.82	39.70	Soil	14,520	2.14
08/14/2021	9:45:04	78788.03	394717.64	39.77	Soil	12,120	0.44
08/14/2021	9:45:05	78787.80	394717.55	39.79	Soil	13,020	1.07
08/14/2021	9:45:06	78787.61	394717.44	39.80	Soil	12,480	0.69
08/14/2021	9:45:07	78787.40	394717.29	39.83	Soil	12,180	0.48
08/14/2021	9:45:08	78787.08	394717.23	39.87	Soil	12,780	0.90
08/14/2021	9:45:09	78786.97	394717.09	40.05	Soil	15,120	2.56
08/14/2021	9:45:10	78786.68	394717.02	40.13	Soil	13,020	1.07
08/14/2021	9:45:11	78786.41	394717.02	40.13	Soil	13,380	1.33
08/14/2021	9:45:12	78786.61	394717.12	40.04	Soil	13,980	1.75
08/14/2021	9:45:13	78787.10	394717.11	40.11	Soil	13,260	1.24
08/14/2021	9:45:14	78787.55	394717.14	40.07	Soil	13,980	1.75
08/14/2021	9:45:15	78787.95	394717.13	40.14	Soil	15,540	2.86
08/14/2021	9:45:16	78788.31	394717.14	40.05	Soil	13,500	1.41
08/14/2021	9:45:17	78788.54	394717.26	40.03	Soil	14,100	1.84
08/14/2021	9:45:18	78788.69	394717.35	39.99	Soil	14,100	1.84
08/14/2021	9:45:19	78788.90	394717.46	39.96	Soil	12,720	0.86
08/14/2021	9:45:20	78789.11	394717.63	39.92	Soil	16,380	3.46
08/14/2021	9:45:21	78789.20	394717.80	39.89	Soil	13,080	1.12
08/14/2021	9:45:22	78789.41	394717.93	39.82	Soil	11,760	0.18
08/14/2021	9:45:23	78789.63	394718.18	39.81	Soil	14,820	2.35
08/14/2021	9:45:24	78789.75	394718.34	39.78	Soil	14,640	2.22
08/14/2021	9:45:25	78789.66	394718.44	39.78	Soil	13,020	1.07
08/14/2021	9:45:26	78789.54	394718.44	39.76	Soil	12,420	0.65
08/14/2021	9:45:27	78789.44	394718.47	39.70	Soil	13,440	1.37
08/14/2021	9:45:28	78789.32	394718.57	39.70	Soil	11,880	0.27
08/14/2021	9:45:29	78789.30	394718.60	39.70	Soil	11,640	0.10
08/14/2021	9:45:30	78789.30	394718.62	39.70	Soil	12,840	0.95
08/14/2021	9:45:31	78789.30	394718.63	39.70	Soil	12,600	0.78
08/14/2021	9:45:32	78789.45	394718.54	39.72	Soil	12,180	0.48
08/14/2021	9:45:33	78789.59	394718.53	39.72	Soil	14,160	1.88
08/14/2021	9:45:34	78789.63	394718.65	39.69	Soil	14,640	2.22
08/14/2021	9:45:35	78789.85	394718.62	39.74	Soil	14,460	2.10

SU 7D GWS RESULTS
(SOIL)

08/14/2021	9:45:36	78790.05	394718.72	39.71	Soil	13,260	1.24
08/14/2021	9:45:37	78790.11	394718.89	39.71	Soil	13,260	1.24
08/14/2021	9:45:38	78790.09	394718.90	39.72	Soil	15,360	2.73
08/14/2021	9:45:39	78790.00	394718.87	39.71	Soil	12,600	0.78
08/14/2021	9:45:40	78789.89	394718.83	39.66	Soil	12,360	0.61
08/14/2021	9:45:41	78789.74	394718.75	39.68	Soil	14,640	2.22
08/14/2021	9:45:42	78789.57	394718.59	39.74	Soil	12,660	0.82
08/14/2021	9:45:43	78789.41	394718.55	39.72	Soil	13,800	1.63
08/14/2021	9:45:44	78789.32	394718.64	39.71	Soil	13,380	1.33
08/14/2021	9:45:45	78789.29	394718.68	39.69	Soil	13,440	1.37
08/14/2021	9:45:46	78789.23	394718.59	39.73	Soil	12,300	0.56
08/14/2021	9:45:47	78789.01	394718.52	39.71	Soil	13,140	1.16
08/14/2021	9:45:48	78788.89	394718.43	39.73	Soil	12,000	0.35
08/14/2021	9:45:49	78788.84	394718.35	39.76	Soil	13,320	1.29
08/14/2021	9:45:50	78788.87	394718.27	39.80	Soil	12,540	0.73
08/14/2021	9:45:51	78789.02	394718.26	39.79	Soil	12,300	0.56
08/14/2021	9:45:52	78789.32	394718.33	39.79	Soil	13,500	1.41
08/14/2021	9:45:53	78789.58	394718.48	39.74	Soil	14,700	2.27
08/14/2021	9:45:54	78789.80	394718.68	39.72	Soil	12,480	0.69
08/14/2021	9:45:55	78790.03	394718.84	39.70	Soil	14,820	2.35
08/14/2021	9:45:56	78790.28	394719.02	39.65	Soil	12,600	0.78
08/14/2021	9:45:57	78790.53	394719.20	39.65	Soil	13,020	1.07
08/14/2021	9:45:58	78790.57	394719.33	39.65	Soil	12,900	0.99
08/14/2021	9:45:59	78790.55	394719.31	39.65	Soil	12,240	0.52
08/14/2021	9:46:00	78790.57	394719.29	39.65	Soil	11,220	-0.20
08/14/2021	9:46:01	78790.86	394719.26	39.69	Soil	13,800	1.63
08/14/2021	9:46:02	78791.19	394719.30	39.71	Soil	12,660	0.82
08/14/2021	9:46:03	78791.46	394719.48	39.65	Soil	12,240	0.52
08/14/2021	9:46:04	78791.70	394719.71	39.59	Soil	13,440	1.37
08/14/2021	9:46:05	78791.85	394719.99	39.52	Soil	12,060	0.39
08/14/2021	9:46:06	78792.09	394720.24	39.51	Soil	13,200	1.20
08/14/2021	9:46:07	78792.43	394720.49	39.49	Soil	13,320	1.29
08/14/2021	9:46:08	78792.89	394720.75	39.45	Soil	11,520	0.01
08/14/2021	9:46:09	78793.46	394720.99	39.47	Soil	12,060	0.39
08/14/2021	9:46:10	78793.85	394721.33	39.52	Soil	12,540	0.73
08/14/2021	9:46:11	78794.08	394721.66	39.51	Soil	13,200	1.20
08/14/2021	9:46:12	78794.33	394722.01	39.53	Soil	11,220	-0.20
08/14/2021	9:46:13	78794.64	394722.45	39.54	Soil	13,200	1.20
08/14/2021	9:46:14	78794.77	394722.62	39.56	Soil	12,420	0.65
08/14/2021	9:46:15	78794.65	394722.70	39.36	Soil	11,820	0.22
08/14/2021	9:46:16	78794.57	394722.95	39.32	Soil	13,980	1.75
08/14/2021	9:46:17	78794.58	394723.06	39.33	Soil	10,620	-0.63
08/14/2021	9:46:18	78794.60	394723.06	39.35	Soil	13,320	1.29
08/14/2021	9:46:19	78794.63	394723.07	39.36	Soil	12,840	0.95
08/14/2021	9:46:20	78794.61	394723.08	39.37	Soil	12,120	0.44
08/14/2021	9:46:21	78794.60	394723.09	39.37	Soil	10,200	-0.93
08/14/2021	9:46:22	78794.56	394722.89	39.37	Soil	11,940	0.31
08/14/2021	9:46:23	78794.36	394722.61	39.39	Soil	11,460	-0.03
08/14/2021	9:46:24	78794.20	394722.42	39.36	Soil	12,720	0.86
08/14/2021	9:46:25	78794.18	394722.24	39.42	Soil	13,680	1.54
08/14/2021	9:46:26	78794.02	394722.10	39.43	Soil	12,000	0.35

SU 7D GWS RESULTS
(SOIL)

08/14/2021	9:46:27	78793.96	394721.86	39.55	Soil	13,440	1.37
08/14/2021	9:46:28	78793.90	394721.61	39.53	Soil	11,940	0.31
08/14/2021	9:46:29	78793.73	394721.43	39.51	Soil	13,140	1.16
08/14/2021	9:46:30	78793.75	394721.27	39.56	Soil	12,240	0.52
08/14/2021	9:46:31	78793.62	394721.29	39.43	Soil	12,120	0.44
08/14/2021	9:46:32	78793.36	394721.23	39.44	Soil	10,980	-0.37
08/14/2021	9:46:33	78793.19	394721.11	39.43	Soil	12,300	0.56
08/14/2021	9:46:34	78793.07	394721.15	39.44	Soil	13,080	1.12
08/14/2021	9:46:35	78793.03	394721.17	39.45	Soil	11,700	0.14
08/14/2021	9:46:36	78793.03	394721.18	39.46	Soil	11,880	0.27
08/14/2021	9:46:37	78793.00	394721.21	39.46	Soil	12,060	0.39
08/14/2021	9:46:38	78792.99	394721.22	39.47	Soil	12,420	0.65
08/14/2021	9:46:39	78792.99	394721.21	39.47	Soil	12,480	0.69
08/14/2021	9:46:40	78792.90	394721.08	39.43	Soil	11,880	0.27
08/14/2021	9:46:41	78792.77	394720.77	39.45	Soil	10,260	-0.88
08/14/2021	9:46:42	78792.49	394720.72	39.46	Soil	12,240	0.52
08/14/2021	9:46:43	78792.23	394720.65	39.42	Soil	12,780	0.90
08/14/2021	9:46:52	78794.19	394722.88	39.23	Soil	13,320	1.29
08/14/2021	9:46:53	78794.14	394722.84	39.22	Soil	11,820	0.22
08/14/2021	9:46:54	78794.04	394722.65	39.29	Soil	12,240	0.52
08/14/2021	9:46:55	78793.85	394722.44	39.29	Soil	12,660	0.82
08/14/2021	9:46:56	78793.66	394722.28	39.28	Soil	11,700	0.14
08/14/2021	9:46:57	78793.48	394722.16	39.29	Soil	13,980	1.75
08/14/2021	9:46:58	78793.30	394722.00	39.25	Soil	12,720	0.86
08/14/2021	9:46:59	78793.16	394721.80	39.30	Soil	11,220	-0.20
08/14/2021	9:47:00	78793.06	394721.60	39.28	Soil	11,880	0.27
08/14/2021	9:47:01	78792.91	394721.44	39.32	Soil	11,940	0.31
08/14/2021	9:47:02	78792.73	394721.25	39.34	Soil	12,180	0.48
08/14/2021	9:47:03	78792.51	394721.05	39.35	Soil	13,200	1.20
08/14/2021	9:47:04	78792.30	394720.90	39.39	Soil	13,080	1.12
08/14/2021	9:47:05	78792.09	394720.70	39.41	Soil	13,380	1.33
08/14/2021	9:47:06	78791.84	394720.53	39.40	Soil	13,200	1.20
08/14/2021	9:47:07	78791.60	394720.35	39.41	Soil	12,000	0.35
08/14/2021	9:47:08	78791.36	394720.26	39.37	Soil	12,300	0.56
08/14/2021	9:47:09	78791.22	394720.08	39.44	Soil	12,900	0.99
08/14/2021	9:47:10	78791.07	394719.95	39.41	Soil	13,440	1.37
08/14/2021	9:47:11	78790.90	394719.79	39.40	Soil	13,440	1.37
08/14/2021	9:47:12	78790.70	394719.66	39.41	Soil	13,860	1.67
08/14/2021	9:47:13	78790.53	394719.60	39.41	Soil	12,120	0.44
08/14/2021	9:47:14	78790.34	394719.54	39.41	Soil	11,400	-0.08
08/14/2021	9:47:15	78790.13	394719.49	39.44	Soil	13,320	1.29
08/14/2021	9:47:16	78789.91	394719.41	39.43	Soil	13,500	1.41
08/14/2021	9:47:17	78789.71	394719.32	39.43	Soil	12,960	1.03
08/14/2021	9:47:18	78789.56	394719.25	39.40	Soil	13,620	1.50
08/14/2021	9:47:19	78789.45	394719.25	39.37	Soil	12,480	0.69
08/14/2021	9:47:20	78789.45	394719.08	39.36	Soil	13,200	1.20
08/14/2021	9:47:21	78789.19	394719.07	39.37	Soil	12,360	0.61
08/14/2021	9:47:22	78788.88	394719.14	39.38	Soil	13,980	1.75
08/14/2021	9:47:23	78788.81	394719.09	39.38	Soil	12,420	0.65
08/14/2021	9:47:24	78788.80	394718.93	39.40	Soil	12,780	0.90
08/14/2021	9:47:25	78788.69	394718.73	39.44	Soil	14,520	2.14

SU 7D GWS RESULTS
(SOIL)

08/14/2021	9:47:26	78788.50	394718.56	39.43	Soil	12,180	0.48
08/14/2021	9:47:27	78788.35	394718.40	39.49	Soil	11,820	0.22
08/14/2021	9:47:28	78788.25	394718.29	39.51	Soil	11,340	-0.12
08/14/2021	9:47:29	78788.13	394718.14	39.61	Soil	13,500	1.41
08/14/2021	9:47:30	78788.00	394717.94	39.70	Soil	14,040	1.80
08/14/2021	9:47:31	78787.83	394717.86	39.75	Soil	11,940	0.31
08/14/2021	9:47:32	78787.54	394717.89	39.76	Soil	14,280	1.97
08/14/2021	9:47:33	78787.47	394717.83	39.75	Soil	11,880	0.27
08/14/2021	9:47:34	78787.45	394717.82	39.76	Soil	15,240	2.65
08/14/2021	9:47:35	78787.46	394717.85	39.77	Soil	12,120	0.44
08/14/2021	9:47:36	78787.45	394717.85	39.77	Soil	12,720	0.86
08/14/2021	9:47:37	78787.46	394717.85	39.77	Soil	13,260	1.24
08/14/2021	9:47:38	78787.39	394717.75	39.74	Soil	13,680	1.54
08/14/2021	9:47:39	78787.10	394717.59	39.80	Soil	12,000	0.35
08/14/2021	9:47:40	78786.81	394717.41	39.88	Soil	14,520	2.14
08/14/2021	9:47:41	78786.54	394717.24	39.91	Soil	12,900	0.99
08/14/2021	9:47:42	78786.28	394717.22	39.92	Soil	11,520	0.01
08/14/2021	9:48:19	78785.81	394717.83	38.99	Soil	13,440	1.37
08/14/2021	9:48:20	78785.81	394717.85	38.99	Soil	12,900	0.99
08/14/2021	9:48:21	78785.80	394717.90	38.99	Soil	12,720	0.86
08/14/2021	9:48:22	78785.76	394717.90	38.99	Soil	13,680	1.54
08/14/2021	9:48:23	78785.76	394717.88	38.99	Soil	13,740	1.58
08/14/2021	9:48:24	78785.82	394717.90	38.99	Soil	12,000	0.35
08/14/2021	9:48:25	78785.83	394717.91	39.00	Soil	12,840	0.95
08/14/2021	9:48:26	78785.81	394717.90	39.00	Soil	12,600	0.78
08/14/2021	9:48:27	78785.76	394717.70	39.09	Soil	12,360	0.61
08/14/2021	9:48:28	78785.58	394717.41	39.10	Soil	14,760	2.31
08/14/2021	9:48:29	78785.38	394717.22	39.13	Soil	14,940	2.44
08/14/2021	9:48:30	78785.07	394717.05	39.11	Soil	16,740	3.71
08/14/2021	9:48:31	78784.72	394716.95	39.14	Soil	14,400	2.05
08/14/2021	9:48:32	78784.65	394716.93	39.11	Soil	15,120	2.56
08/14/2021	9:48:33	78784.53	394716.83	39.11	Soil	14,040	1.80
08/14/2021	9:48:34	78784.24	394716.76	39.06	Soil	14,880	2.39
08/14/2021	9:48:35	78783.82	394716.72	39.13	Soil	15,360	2.73
08/14/2021	9:48:36	78783.37	394716.64	39.17	Soil	15,420	2.78
08/14/2021	9:48:37	78783.04	394716.68	39.16	Soil	15,600	2.90
08/14/2021	9:48:38	78783.00	394716.66	39.16	Soil	13,380	1.33
08/14/2021	9:48:39	78783.25	394716.77	39.09	Soil	15,360	2.73
08/14/2021	9:48:40	78783.41	394716.88	39.11	Soil	13,920	1.71
08/14/2021	9:48:41	78783.64	394716.81	39.15	Soil	14,760	2.31
08/14/2021	9:48:42	78783.84	394716.86	39.08	Soil	14,700	2.27
08/14/2021	9:48:43	78784.17	394716.91	39.21	Soil	13,800	1.63
08/14/2021	9:48:44	78784.52	394716.91	39.21	Soil	13,500	1.41
08/14/2021	9:48:45	78784.72	394717.12	39.20	Soil	13,500	1.41
08/14/2021	9:48:46	78785.07	394717.19	39.26	Soil	14,580	2.18
08/14/2021	9:48:47	78785.25	394717.33	39.26	Soil	13,260	1.24
08/14/2021	9:48:48	78785.42	394717.43	39.31	Soil	13,560	1.46
08/14/2021	9:48:49	78785.68	394717.54	39.36	Soil	13,140	1.16
08/14/2021	9:48:50	78785.78	394717.66	39.36	Soil	13,920	1.71
08/14/2021	9:48:51	78786.09	394717.74	39.44	Soil	13,020	1.07
08/14/2021	9:48:52	78786.49	394717.84	39.39	Soil	13,500	1.41

SU 7D GWS RESULTS
(SOIL)

08/14/2021	9:48:53	78786.84	394717.94	39.49	Soil	13,320	1.29
08/14/2021	9:48:54	78787.11	394718.02	39.45	Soil	13,080	1.12
08/14/2021	9:48:55	78787.37	394718.07	39.47	Soil	11,820	0.22
08/14/2021	9:48:56	78787.45	394718.18	39.50	Soil	12,120	0.44
08/14/2021	9:48:57	78787.44	394718.22	39.50	Soil	12,720	0.86
08/14/2021	9:48:58	78787.58	394718.23	39.49	Soil	12,900	0.99
08/14/2021	9:48:59	78787.84	394718.29	39.47	Soil	12,900	0.99
08/14/2021	9:49:00	78787.87	394718.47	39.46	Soil	11,940	0.31
08/14/2021	9:49:01	78787.91	394718.52	39.50	Soil	14,520	2.14
08/14/2021	9:49:02	78787.98	394718.49	39.51	Soil	14,040	1.80
08/14/2021	9:49:03	78787.98	394718.49	39.53	Soil	12,840	0.95
08/14/2021	9:49:04	78787.97	394718.50	39.53	Soil	12,840	0.95
08/14/2021	9:49:05	78787.95	394718.48	39.54	Soil	12,840	0.95
08/14/2021	9:49:06	78788.11	394718.37	39.54	Soil	13,320	1.29
08/14/2021	9:49:07	78788.29	394718.38	39.51	Soil	13,440	1.37
08/14/2021	9:49:08	78788.44	394718.51	39.51	Soil	14,160	1.88
08/14/2021	9:49:09	78788.58	394718.56	39.48	Soil	14,040	1.80
08/14/2021	9:49:10	78788.65	394718.72	39.44	Soil	12,840	0.95
08/14/2021	9:49:11	78788.84	394718.87	39.40	Soil	11,280	-0.16
08/14/2021	9:49:12	78788.95	394719.03	39.36	Soil	13,140	1.16
08/14/2021	9:49:13	78789.08	394719.14	39.34	Soil	14,160	1.88
08/14/2021	9:49:14	78789.24	394719.29	39.32	Soil	11,700	0.14
08/14/2021	9:49:15	78789.48	394719.48	39.25	Soil	13,860	1.67
08/14/2021	9:49:16	78789.62	394719.66	39.28	Soil	11,220	-0.20
08/14/2021	9:49:17	78789.84	394719.73	39.27	Soil	11,160	-0.25
08/14/2021	9:49:18	78790.04	394719.82	39.27	Soil	12,600	0.78
08/14/2021	9:49:19	78790.28	394719.87	39.21	Soil	11,820	0.22
08/14/2021	9:49:20	78790.48	394719.95	39.30	Soil	10,980	-0.37
08/14/2021	9:49:21	78790.70	394720.06	39.24	Soil	13,080	1.12
08/14/2021	9:49:22	78790.84	394720.23	39.31	Soil	12,600	0.78
08/14/2021	9:49:23	78791.04	394720.34	39.26	Soil	13,740	1.58
08/14/2021	9:49:24	78791.02	394720.51	39.28	Soil	11,280	-0.16
08/14/2021	9:49:25	78791.15	394720.46	39.28	Soil	12,600	0.78
08/14/2021	9:49:26	78791.37	394720.58	39.25	Soil	13,020	1.07
08/14/2021	9:49:27	78791.58	394720.76	39.31	Soil	11,520	0.01
08/14/2021	9:49:28	78791.74	394720.84	39.26	Soil	11,880	0.27
08/14/2021	9:49:29	78791.89	394720.94	39.32	Soil	12,480	0.69
08/14/2021	9:49:30	78792.11	394721.03	39.28	Soil	13,800	1.63
08/14/2021	9:49:31	78792.28	394721.23	39.28	Soil	12,300	0.56
08/14/2021	9:49:32	78792.50	394721.37	39.24	Soil	12,120	0.44
08/14/2021	9:49:33	78792.69	394721.58	39.24	Soil	10,860	-0.46
08/14/2021	9:49:34	78792.91	394721.81	39.22	Soil	13,020	1.07
08/14/2021	9:49:35	78793.12	394722.12	39.24	Soil	12,000	0.35
08/14/2021	9:49:36	78793.43	394722.36	39.14	Soil	10,620	-0.63
08/14/2021	9:49:37	78793.58	394722.56	39.24	Soil	13,800	1.63
08/14/2021	9:49:38	78793.88	394722.77	39.19	Soil	10,920	-0.42
08/14/2021	9:49:39	78794.11	394723.02	39.26	Soil	12,480	0.69
08/14/2021	9:49:40	78794.26	394723.26	39.26	Soil	12,540	0.73
08/14/2021	9:49:41	78794.36	394723.30	39.31	Soil	13,320	1.29
08/14/2021	9:49:42	78794.39	394723.11	39.36	Soil	11,700	0.14
08/14/2021	9:49:43	78794.33	394722.90	39.38	Soil	12,060	0.39

SU 7D GWS RESULTS
(SOIL)

08/14/2021	9:49:44	78794.47	394722.57	39.48	Soil	13,440	1.37
08/14/2021	9:49:45	78794.49	394722.20	39.54	Soil	11,880	0.27
08/14/2021	9:49:46	78794.35	394721.95	39.64	Soil	12,720	0.86
08/14/2021	9:49:47	78794.28	394721.89	39.62	Soil	11,880	0.27
08/14/2021	9:49:48	78794.10	394722.02	39.53	Soil	12,360	0.61
08/14/2021	9:49:49	78794.04	394722.04	39.50	Soil	12,420	0.65
08/14/2021	9:49:50	78794.02	394722.08	39.50	Soil	11,700	0.14
08/14/2021	9:49:51	78794.00	394721.96	39.49	Soil	12,540	0.73
08/14/2021	9:49:52	78793.85	394721.78	39.44	Soil	12,300	0.56
08/14/2021	9:49:53	78793.70	394721.79	39.44	Soil	12,060	0.39
08/14/2021	9:49:54	78793.67	394721.76	39.44	Soil	11,220	-0.20
08/14/2021	9:49:55	78793.66	394721.75	39.46	Soil	12,240	0.52
08/14/2021	9:49:56	78793.65	394721.76	39.48	Soil	12,660	0.82
08/14/2021	9:49:57	78793.61	394721.67	39.42	Soil	12,420	0.65
08/14/2021	9:49:58	78793.45	394721.51	39.35	Soil	10,860	-0.46
08/14/2021	9:50:38	78785.95	394717.22	39.85	Soil	14,640	2.22
08/14/2021	9:50:39	78785.95	394717.23	39.83	Soil	14,580	2.18
08/14/2021	9:50:40	78785.94	394717.29	39.84	Soil	12,180	0.48
08/14/2021	9:50:41	78785.96	394717.30	39.81	Soil	13,560	1.46
08/14/2021	9:50:42	78785.90	394717.17	39.77	Soil	15,900	3.12
08/14/2021	9:50:43	78785.68	394716.90	39.81	Soil	12,540	0.73
08/14/2021	9:50:44	78785.38	394716.77	39.81	Soil	14,160	1.88
08/14/2021	9:50:45	78785.23	394716.88	39.81	Soil	13,140	1.16
08/14/2021	9:50:46	78785.26	394716.87	39.81	Soil	13,560	1.46
08/14/2021	9:50:47	78785.27	394716.88	39.81	Soil	14,700	2.27
08/14/2021	9:50:48	78785.15	394716.77	39.81	Soil	14,280	1.97
08/14/2021	9:50:49	78784.89	394716.57	39.84	Soil	15,240	2.65
08/14/2021	9:50:50	78784.75	394716.62	39.83	Soil	15,060	2.52
08/14/2021	9:50:51	78784.72	394716.66	39.73	Soil	12,660	0.82
08/14/2021	9:50:52	78784.46	394716.62	39.65	Soil	15,480	2.82
08/14/2021	10:07:00	78783.79	394717.78	39.94	Soil	13,680	1.54
08/14/2021	10:07:00	78783.81	394717.78	39.93	Soil	14,160	1.88
08/14/2021	10:07:02	78783.97	394717.73	39.94	Soil	13,080	1.12
08/14/2021	10:07:03	78784.23	394717.62	39.94	Soil	13,260	1.24
08/14/2021	10:07:03	78784.34	394717.72	40.01	Soil	12,900	0.99
08/14/2021	10:07:05	78784.50	394717.66	40.06	Soil	13,140	1.16
08/14/2021	10:07:06	78784.82	394717.67	40.26	Soil	13,260	1.24
08/14/2021	10:07:07	78785.11	394717.67	40.26	Soil	13,860	1.67
08/14/2021	10:07:08	78785.51	394717.95	40.26	Soil	13,020	1.07
08/14/2021	10:07:09	78785.48	394717.91	40.26	Soil	13,320	1.29
08/14/2021	10:07:10	78785.48	394717.94	40.23	Soil	13,080	1.12
08/14/2021	10:07:10	78785.46	394717.90	40.23	Soil	14,160	1.88
08/14/2021	10:07:12	78785.31	394717.87	40.21	Soil	12,600	0.78
08/14/2021	10:07:12	78784.83	394717.55	40.23	Soil	11,940	0.31
08/14/2021	10:07:14	78784.81	394717.51	40.22	Soil	13,260	1.24
08/14/2021	10:07:15	78784.88	394717.41	40.38	Soil	13,740	1.58
08/14/2021	10:07:16	78785.06	394717.11	40.35	Soil	13,680	1.54
08/14/2021	10:07:16	78785.02	394717.01	40.36	Soil	13,020	1.07
08/14/2021	10:07:18	78785.12	394717.12	40.36	Soil	14,520	2.14
08/14/2021	10:07:19	78785.20	394717.25	40.38	Soil	13,740	1.58
08/14/2021	10:07:19	78785.10	394717.20	40.38	Soil	12,780	0.90

SU 7D GWS RESULTS
(SOIL)

08/14/2021	10:07:21	78784.67	394716.95	40.23	Soil	12,180	0.48
08/14/2021	10:07:22	78784.61	394717.28	40.22	Soil	11,100	-0.29
08/14/2021	10:07:23	78784.66	394717.41	40.22	Soil	12,300	0.56
08/14/2021	10:07:23	78784.61	394717.40	40.17	Soil	12,900	0.99
08/14/2021	10:07:25	78784.42	394717.15	40.14	Soil	12,420	0.65
08/14/2021	10:07:26	78784.22	394717.21	40.11	Soil	14,340	2.01
08/14/2021	10:07:27	78784.25	394717.33	40.04	Soil	15,240	2.65
08/14/2021	10:07:28	78784.43	394717.47	40.16	Soil	14,760	2.31
08/14/2021	10:07:28	78784.70	394717.44	40.20	Soil	13,260	1.24
08/14/2021	10:07:30	78784.89	394717.60	40.21	Soil	12,960	1.03
08/14/2021	10:07:31	78785.63	394717.78	40.27	Soil	13,200	1.20
08/14/2021	10:07:32	78785.85	394717.86	40.41	Soil	14,520	2.14
08/14/2021	10:07:33	78786.12	394717.63	40.39	Soil	14,940	2.44
08/14/2021	10:07:34	78786.24	394717.94	40.46	Soil	12,660	0.82
08/14/2021	10:07:35	78786.69	394717.88	40.40	Soil	13,380	1.33
08/14/2021	10:07:36	78786.74	394718.17	40.37	Soil	12,600	0.78
08/14/2021	10:07:37	78786.86	394718.27	40.31	Soil	11,460	-0.03
08/14/2021	10:07:38	78787.37	394718.34	40.32	Soil	13,440	1.37
08/14/2021	10:07:39	78787.72	394718.35	40.30	Soil	13,020	1.07
08/14/2021	10:07:40	78787.92	394718.47	40.28	Soil	12,480	0.69
08/14/2021	10:07:41	78788.16	394718.60	40.23	Soil	12,480	0.69
08/14/2021	10:07:42	78788.34	394718.76	40.20	Soil	13,620	1.50
08/14/2021	10:07:43	78788.44	394718.89	40.20	Soil	12,660	0.82
08/14/2021	10:07:44	78788.73	394718.92	40.16	Soil	12,180	0.48
08/14/2021	10:07:45	78788.96	394719.12	40.13	Soil	12,000	0.35
08/14/2021	10:07:46	78789.32	394719.30	40.07	Soil	11,940	0.31
08/14/2021	10:07:47	78789.56	394719.52	40.06	Soil	12,720	0.86
08/14/2021	10:07:48	78789.79	394719.61	40.01	Soil	12,360	0.61
08/14/2021	10:07:49	78790.24	394719.79	39.91	Soil	11,760	0.18
08/14/2021	10:07:50	78790.42	394720.16	39.91	Soil	12,360	0.61
08/14/2021	10:07:51	78790.54	394720.36	39.95	Soil	15,000	2.48
08/14/2021	10:07:52	78791.01	394720.32	39.89	Soil	13,200	1.20
08/14/2021	10:07:53	78790.97	394720.52	39.95	Soil	12,240	0.52
08/14/2021	10:07:54	78791.01	394720.33	39.98	Soil	14,280	1.97
08/14/2021	10:07:55	78790.72	394720.28	39.94	Soil	12,000	0.35
08/14/2021	10:07:56	78790.70	394720.27	39.93	Soil	12,120	0.44
08/14/2021	10:07:57	78790.67	394720.29	39.92	Soil	12,300	0.56
08/14/2021	10:07:58	78790.63	394720.30	39.92	Soil	12,000	0.35
08/14/2021	10:07:59	78790.61	394720.30	39.91	Soil	11,700	0.14
08/14/2021	10:08:00	78790.61	394720.30	39.92	Soil	12,840	0.95
08/14/2021	10:08:01	78790.60	394720.30	39.93	Soil	11,400	-0.08
08/14/2021	10:08:02	78790.84	394720.37	39.84	Soil	12,120	0.44
08/14/2021	10:08:03	78791.01	394720.60	39.82	Soil	13,080	1.12
08/14/2021	10:08:04	78791.40	394720.77	39.80	Soil	12,000	0.35
08/14/2021	10:08:05	78791.65	394721.08	39.79	Soil	11,820	0.22
08/14/2021	10:08:06	78791.98	394721.19	39.73	Soil	12,000	0.35
08/14/2021	10:08:07	78792.06	394721.51	39.77	Soil	11,760	0.18
08/14/2021	10:08:08	78792.46	394721.47	39.75	Soil	11,520	0.01
08/14/2021	10:08:09	78792.55	394721.70	39.75	Soil	12,600	0.78
08/14/2021	10:08:10	78792.73	394721.83	39.74	Soil	13,680	1.54
08/14/2021	10:08:11	78792.94	394722.07	39.67	Soil	12,120	0.44

SU 7D GWS RESULTS
(SOIL)

08/14/2021	10:08:12	78792.99	394722.42	39.69	Soil	12,480	0.69
08/14/2021	10:08:13	78793.47	394722.52	39.58	Soil	10,620	-0.63
08/14/2021	10:08:14	78793.32	394722.80	39.58	Soil	12,780	0.90
08/14/2021	10:08:15	78793.57	394723.21	39.55	Soil	12,420	0.65
08/14/2021	10:08:16	78793.52	394723.52	39.56	Soil	10,620	-0.63
08/14/2021	10:08:17	78794.02	394723.75	39.55	Soil	12,240	0.52
08/14/2021	10:08:18	78793.96	394723.99	39.57	Soil	12,120	0.44
08/14/2021	10:08:19	78794.06	394724.16	39.56	Soil	11,820	0.22
08/14/2021	10:08:20	78794.03	394723.91	39.56	Soil	12,840	0.95
08/14/2021	10:08:21	78794.07	394723.81	39.52	Soil	13,380	1.33
08/14/2021	10:08:22	78794.23	394723.55	39.55	Soil	11,760	0.18
08/14/2021	10:08:23	78794.17	394723.28	39.71	Soil	13,860	1.67
08/14/2021	10:08:24	78794.17	394723.22	39.71	Soil	12,120	0.44
08/14/2021	10:08:25	78794.00	394723.34	39.66	Soil	12,180	0.48
08/14/2021	10:08:26	78793.97	394723.06	39.57	Soil	12,420	0.65
08/14/2021	10:08:27	78793.71	394723.14	39.57	Soil	12,600	0.78
08/14/2021	10:08:28	78793.70	394723.09	39.54	Soil	11,460	-0.03
08/14/2021	10:08:29	78793.71	394723.09	39.53	Soil	11,100	-0.29
08/14/2021	10:08:30	78793.61	394722.87	39.53	Soil	12,720	0.86
08/14/2021	10:08:31	78793.39	394722.75	39.63	Soil	10,680	-0.59
08/14/2021	10:08:32	78793.52	394722.35	39.55	Soil	13,440	1.37
08/14/2021	10:08:33	78793.37	394722.37	39.55	Soil	12,540	0.73
08/14/2021	10:08:34	78793.17	394722.56	39.55	Soil	11,040	-0.33
08/14/2021	10:08:35	78793.12	394722.49	39.54	Soil	12,120	0.44
08/14/2021	10:08:36	78793.04	394722.27	39.53	Soil	11,280	-0.16
08/14/2021	10:08:37	78793.10	394722.60	39.52	Soil	10,980	-0.37
08/14/2021	10:08:38	78792.85	394722.57	39.52	Soil	11,880	0.27
08/14/2021	10:08:39	78793.03	394722.80	39.52	Soil	12,240	0.52
08/14/2021	10:08:40	78792.95	394723.01	39.52	Soil	12,660	0.82
08/14/2021	10:08:41	78793.31	394723.04	39.55	Soil	13,140	1.16
08/14/2021	10:08:42	78793.50	394723.43	39.60	Soil	12,480	0.69
08/14/2021	10:08:43	78793.65	394723.41	39.65	Soil	11,700	0.14
08/14/2021	10:08:44	78793.80	394723.63	39.65	Soil	12,360	0.61
08/14/2021	10:08:45	78793.34	394723.42	39.59	Soil	11,940	0.31
08/14/2021	10:08:46	78793.16	394723.36	39.59	Soil	13,560	1.46
08/14/2021	10:08:47	78793.00	394723.25	39.58	Soil	12,600	0.78
08/14/2021	10:08:48	78793.02	394723.04	39.57	Soil	12,720	0.86
08/14/2021	10:08:49	78792.90	394722.80	39.58	Soil	13,980	1.75
08/14/2021	10:08:50	78792.99	394722.47	39.61	Soil	12,060	0.39
08/14/2021	10:08:51	78792.73	394722.30	39.61	Soil	12,540	0.73
08/14/2021	10:08:52	78792.76	394721.95	39.66	Soil	10,620	-0.63
08/14/2021	10:08:53	78792.61	394721.93	39.62	Soil	12,960	1.03
08/14/2021	10:08:54	78792.48	394721.91	39.64	Soil	12,000	0.35
08/14/2021	10:08:55	78792.42	394721.73	39.64	Soil	12,420	0.65
08/14/2021	10:08:56	78792.14	394721.53	39.64	Soil	10,860	-0.46
08/14/2021	10:08:57	78792.04	394721.31	39.67	Soil	11,580	0.05
08/14/2021	10:08:58	78791.77	394721.28	39.69	Soil	13,920	1.71
08/14/2021	10:08:59	78791.60	394721.05	39.69	Soil	13,560	1.46
08/14/2021	10:09:00	78791.35	394721.12	39.73	Soil	13,140	1.16
08/14/2021	10:09:01	78791.44	394720.90	39.73	Soil	12,600	0.78
08/14/2021	10:09:02	78791.20	394720.68	39.72	Soil	12,840	0.95

SU 7D GWS RESULTS
(SOIL)

08/14/2021	10:09:03	78791.02	394720.45	39.74	Soil	14,700	2.27
08/14/2021	10:09:04	78790.68	394720.38	39.74	Soil	13,200	1.20
08/14/2021	10:09:05	78790.60	394720.21	39.75	Soil	13,020	1.07
08/14/2021	10:09:06	78790.29	394719.87	39.74	Soil	12,660	0.82
08/14/2021	10:09:07	78789.90	394719.94	39.80	Soil	14,760	2.31
08/14/2021	10:09:08	78789.70	394719.54	39.84	Soil	14,520	2.14
08/14/2021	10:09:09	78789.35	394719.54	39.86	Soil	15,180	2.61
08/14/2021	10:09:10	78789.23	394719.18	39.86	Soil	12,420	0.65
08/14/2021	10:09:11	78788.77	394719.15	39.88	Soil	14,460	2.10
08/14/2021	10:09:12	78788.61	394718.86	39.91	Soil	10,800	-0.50
08/14/2021	10:09:13	78788.29	394718.92	39.92	Soil	13,380	1.33
08/14/2021	10:09:14	78788.01	394718.64	39.92	Soil	12,660	0.82
08/14/2021	10:09:15	78787.61	394718.76	39.94	Soil	11,520	0.01
08/14/2021	10:09:16	78787.14	394718.55	39.93	Soil	10,800	-0.50
08/14/2021	10:09:17	78787.05	394718.56	39.93	Soil	12,300	0.56
08/14/2021	10:09:18	78787.03	394718.63	39.93	Soil	12,300	0.56
08/14/2021	10:09:19	78786.83	394718.44	39.93	Soil	11,940	0.31
08/14/2021	10:09:20	78786.96	394718.45	39.93	Soil	11,400	-0.08
08/14/2021	10:09:21	78787.08	394718.30	40.00	Soil	11,700	0.14
08/14/2021	10:09:22	78787.24	394718.52	40.04	Soil	12,660	0.82
08/14/2021	10:09:23	78787.33	394718.40	40.05	Soil	12,180	0.48
08/14/2021	10:09:23	78787.65	394718.53	40.05	Soil	12,960	1.03
08/14/2021	10:09:25	78787.76	394718.71	40.03	Soil	14,820	2.35
08/14/2021	10:09:26	78787.76	394718.56	40.05	Soil	11,880	0.27
08/14/2021	10:09:27	78787.87	394718.42	40.05	Soil	13,140	1.16
08/14/2021	10:09:28	78787.91	394718.53	40.13	Soil	13,020	1.07
08/14/2021	10:09:29	78787.72	394718.28	40.19	Soil	12,180	0.48
08/14/2021	10:09:30	78787.41	394718.35	40.19	Soil	12,900	0.99
08/14/2021	10:09:31	78787.14	394718.24	40.19	Soil	11,400	-0.08
08/14/2021	10:09:31	78786.61	394718.32	40.04	Soil	13,980	1.75
08/14/2021	10:09:32	78786.10	394717.96	40.11	Soil	11,580	0.05
08/14/2021	10:09:33	78785.80	394718.07	40.11	Soil	11,760	0.18
08/14/2021	10:09:34	78785.67	394717.87	40.06	Soil	12,900	0.99
08/14/2021	10:09:35	78785.68	394718.17	40.06	Soil	11,280	-0.16
08/14/2021	10:09:36	78785.33	394718.04	40.02	Soil	13,560	1.46
08/14/2021	10:09:37	78785.11	394718.33	39.73	Soil	15,360	2.73
08/14/2021	10:09:38	78784.94	394718.38	39.73	Soil	13,800	1.63
08/14/2021	10:09:39	78784.48	394718.12	39.58	Soil	15,420	2.78
08/14/2021	10:09:40	78784.37	394718.39	39.58	Soil	11,820	0.22
08/14/2021	10:09:41	78783.99	394718.36	39.63	Soil	13,380	1.33
08/14/2021	10:09:42	78783.69	394718.24	39.67	Soil	12,180	0.48
08/14/2021	10:09:43	78783.55	394718.40	39.67	Soil	14,280	1.97
08/14/2021	10:09:44	78783.37	394718.30	39.71	Soil	13,440	1.37
08/14/2021	10:09:45	78783.22	394718.59	39.65	Soil	11,640	0.10
08/14/2021	10:09:46	78783.23	394718.62	39.63	Soil	15,120	2.56
08/14/2021	10:09:47	78783.42	394718.56	39.63	Soil	11,460	-0.03
08/14/2021	10:09:48	78783.76	394718.49	39.66	Soil	12,900	0.99
08/14/2021	10:09:49	78784.03	394718.40	39.66	Soil	12,540	0.73
08/14/2021	10:09:50	78784.29	394718.33	39.67	Soil	14,100	1.84
08/14/2021	10:09:51	78784.42	394718.09	39.78	Soil	11,760	0.18
08/14/2021	10:09:52	78784.87	394718.12	39.94	Soil	14,400	2.05

SU 7D GWS RESULTS
(SOIL)

08/14/2021	10:09:53	78784.94	394717.98	39.94	Soil	14,760	2.31
08/14/2021	10:09:54	78785.21	394718.10	40.09	Soil	12,000	0.35
08/14/2021	10:09:55	78785.45	394717.68	40.09	Soil	12,300	0.56
08/14/2021	10:09:56	78785.60	394717.95	40.25	Soil	11,460	-0.03
08/14/2021	10:09:57	78785.75	394717.97	40.20	Soil	10,980	-0.37
08/14/2021	10:09:58	78786.00	394717.70	40.41	Soil	13,380	1.33
08/14/2021	10:09:59	78786.07	394717.85	40.43	Soil	12,480	0.69
08/14/2021	10:10:00	78785.94	394717.77	40.43	Soil	14,340	2.01
08/14/2021	10:10:01	78785.93	394717.75	40.36	Soil	12,600	0.78
08/14/2021	10:10:02	78786.36	394717.97	40.36	Soil	13,260	1.24
08/14/2021	10:10:03	78786.81	394717.96	40.48	Soil	12,960	1.03
08/14/2021	10:10:04	78787.00	394717.98	40.51	Soil	15,360	2.73
08/14/2021	10:10:05	78786.96	394718.13	40.49	Soil	11,820	0.22
08/14/2021	10:10:06	78787.30	394718.17	40.37	Soil	10,320	-0.84
08/14/2021	10:10:07	78787.30	394718.42	40.34	Soil	11,280	-0.16
08/14/2021	10:10:08	78787.75	394718.50	40.34	Soil	12,480	0.69
08/14/2021	10:10:09	78787.71	394718.76	40.24	Soil	12,840	0.95
08/14/2021	10:10:10	78788.04	394718.78	40.20	Soil	13,080	1.12
08/14/2021	10:10:11	78788.24	394718.85	40.22	Soil	12,600	0.78
08/14/2021	10:10:12	78788.59	394718.86	40.22	Soil	12,360	0.61
08/14/2021	10:10:13	78788.74	394718.97	40.22	Soil	12,000	0.35
08/14/2021	10:10:14	78788.93	394719.07	40.22	Soil	13,020	1.07
08/14/2021	10:10:15	78789.21	394719.26	40.17	Soil	11,040	-0.33
08/14/2021	10:10:16	78789.42	394719.50	40.14	Soil	10,440	-0.76
08/14/2021	10:10:17	78789.64	394719.67	40.10	Soil	13,320	1.29
08/14/2021	10:10:18	78789.70	394719.87	40.05	Soil	11,580	0.05
08/14/2021	10:10:19	78790.00	394719.96	40.01	Soil	10,980	-0.37
08/14/2021	10:10:20	78790.14	394720.32	39.95	Soil	11,520	0.01
08/14/2021	10:10:21	78790.55	394720.31	40.03	Soil	12,180	0.48
08/14/2021	10:10:22	78790.65	394720.48	40.06	Soil	13,500	1.41
08/14/2021	10:10:23	78790.75	394720.57	40.03	Soil	11,820	0.22
08/14/2021	10:10:24	78790.94	394720.66	40.04	Soil	12,720	0.86
08/14/2021	10:10:25	78791.11	394720.89	40.01	Soil	11,040	-0.33
08/14/2021	10:10:26	78791.29	394721.01	40.00	Soil	12,540	0.73
08/14/2021	10:10:27	78791.54	394721.22	39.95	Soil	12,480	0.69
08/14/2021	10:10:28	78791.72	394721.53	39.90	Soil	11,640	0.10
08/14/2021	10:10:29	78792.00	394721.64	39.90	Soil	12,060	0.39
08/14/2021	10:10:30	78792.05	394721.87	39.88	Soil	12,600	0.78
08/14/2021	10:10:31	78792.21	394721.99	39.86	Soil	12,360	0.61
08/14/2021	10:10:32	78792.36	394722.18	39.84	Soil	12,360	0.61
08/14/2021	10:10:33	78792.36	394722.33	39.82	Soil	12,720	0.86
08/14/2021	10:10:34	78792.59	394722.40	39.82	Soil	12,000	0.35
08/14/2021	10:10:35	78792.61	394722.65	39.80	Soil	11,700	0.14
08/14/2021	10:10:36	78792.92	394722.71	39.77	Soil	11,280	-0.16
08/14/2021	10:10:37	78792.97	394723.03	39.75	Soil	12,360	0.61
08/14/2021	10:10:38	78793.41	394723.24	39.63	Soil	11,880	0.27
08/14/2021	10:10:39	78793.27	394723.24	39.73	Soil	10,500	-0.71
08/14/2021	10:10:40	78793.35	394723.25	39.76	Soil	12,240	0.52
08/14/2021	10:10:41	78793.25	394723.42	39.74	Soil	11,820	0.22
08/14/2021	10:10:42	78793.45	394723.67	39.76	Soil	10,800	-0.50
08/14/2021	10:10:43	78793.28	394723.62	39.71	Soil	10,260	-0.88

SU 7D GWS RESULTS
(SOIL)

08/14/2021	10:10:44	78793.13	394723.71	39.67	Soil	12,600	0.78
08/14/2021	10:10:45	78793.09	394723.56	39.66	Soil	12,900	0.99
08/14/2021	10:10:46	78792.85	394723.43	39.63	Soil	12,060	0.39
08/14/2021	10:10:47	78792.84	394723.10	39.64	Soil	11,340	-0.12
08/14/2021	10:10:48	78792.59	394723.07	39.66	Soil	13,020	1.07
08/14/2021	10:10:49	78792.51	394722.78	39.68	Soil	13,920	1.71
08/14/2021	10:10:50	78792.30	394722.75	39.68	Soil	12,900	0.99
08/14/2021	10:10:52	78792.20	394722.35	39.71	Soil	12,900	0.99
08/14/2021	10:10:52	78791.92	394722.17	39.73	Soil	12,480	0.69
08/14/2021	10:10:53	78791.87	394721.75	39.74	Soil	11,280	-0.16
08/14/2021	10:10:54	78791.65	394721.65	39.79	Soil	11,820	0.22
08/14/2021	10:10:55	78791.66	394721.39	39.81	Soil	12,240	0.52
08/14/2021	10:10:56	78791.42	394721.32	39.81	Soil	11,700	0.14
08/14/2021	10:10:57	78791.15	394721.00	39.83	Soil	13,140	1.16
08/14/2021	10:10:58	78790.77	394720.95	39.79	Soil	12,420	0.65
08/14/2021	10:10:59	78790.55	394720.55	39.70	Soil	11,580	0.05
08/14/2021	10:11:00	78790.25	394720.49	39.70	Soil	13,500	1.41
08/14/2021	10:11:01	78790.18	394720.29	39.75	Soil	13,320	1.29
08/14/2021	10:11:02	78789.75	394719.90	39.76	Soil	13,380	1.33
08/14/2021	10:11:03	78789.37	394719.96	39.81	Soil	11,640	0.10
08/14/2021	10:11:04	78789.31	394719.69	39.84	Soil	11,280	-0.16
08/14/2021	10:11:05	78789.24	394719.62	39.89	Soil	13,800	1.63
08/14/2021	10:11:06	78789.03	394719.75	39.87	Soil	11,400	-0.08
08/14/2021	10:11:07	78788.71	394719.22	39.90	Soil	13,140	1.16
08/14/2021	10:11:08	78788.41	394719.28	39.90	Soil	12,180	0.48
08/14/2021	10:11:09	78788.17	394718.95	39.92	Soil	12,720	0.86
08/14/2021	10:11:10	78787.99	394719.15	39.88	Soil	13,560	1.46
08/14/2021	10:11:11	78787.97	394719.18	39.84	Soil	12,060	0.39
08/14/2021	10:11:12	78787.82	394719.17	39.85	Soil	13,260	1.24
08/14/2021	10:11:13	78787.51	394718.94	39.92	Soil	12,900	0.99
08/14/2021	10:11:14	78787.18	394718.90	39.86	Soil	11,520	0.01
08/14/2021	10:11:15	78787.23	394718.99	39.88	Soil	12,060	0.39
08/14/2021	10:11:16	78787.27	394719.08	39.88	Soil	12,000	0.35
08/14/2021	10:11:17	78786.95	394718.71	39.87	Soil	12,480	0.69
08/14/2021	10:11:18	78786.47	394718.84	39.88	Soil	11,460	-0.03
08/14/2021	10:11:19	78786.42	394718.71	39.86	Soil	14,940	2.44
08/14/2021	10:11:20	78786.37	394718.37	40.01	Soil	11,040	-0.33
08/14/2021	10:11:21	78786.12	394718.48	40.00	Soil	12,900	0.99
08/14/2021	10:11:22	78786.00	394718.13	40.06	Soil	12,240	0.52
08/14/2021	10:11:23	78785.76	394718.29	39.97	Soil	13,980	1.75
08/14/2021	10:11:24	78785.51	394718.10	39.96	Soil	12,120	0.44
08/14/2021	10:11:25	78785.26	394718.35	39.80	Soil	12,540	0.73
08/14/2021	10:11:26	78784.90	394718.15	39.74	Soil	13,920	1.71
08/14/2021	10:11:27	78784.70	394718.34	39.58	Soil	11,820	0.22
08/14/2021	10:11:28	78784.33	394718.40	39.53	Soil	14,220	1.92
08/14/2021	10:11:29	78783.87	394718.36	39.53	Soil	12,720	0.86
08/14/2021	10:11:30	78783.67	394718.55	39.52	Soil	13,080	1.12
08/14/2021	10:11:31	78783.34	394718.29	39.56	Soil	12,840	0.95
08/14/2021	10:11:32	78783.24	394718.64	39.57	Soil	13,920	1.71
08/14/2021	10:11:33	78782.97	394718.59	39.54	Soil	12,420	0.65
08/14/2021	10:11:34	78782.66	394718.69	39.58	Soil	12,600	0.78

SU 7D GWS RESULTS
(SOIL)

08/14/2021	10:11:35	78782.19	394718.77	39.54	Soil	11,520	0.01
08/14/2021	10:11:36	78782.02	394718.98	39.53	Soil	12,720	0.86
08/14/2021	10:11:37	78781.67	394719.06	39.50	Soil	12,480	0.69
08/14/2021	10:11:38	78781.24	394719.19	39.45	Soil	12,060	0.39
08/14/2021	10:11:39	78780.70	394719.61	39.44	Soil	12,180	0.48
08/14/2021	10:11:40	78780.25	394719.47	39.59	Soil	13,320	1.29
08/14/2021	10:11:41	78780.07	394719.73	39.63	Soil	12,300	0.56
08/14/2021	10:11:42	78780.02	394719.85	39.62	Soil	12,240	0.52
08/14/2021	10:11:43	78779.97	394720.18	39.56	Soil	11,400	-0.08
08/14/2021	10:11:44	78780.09	394719.84	39.59	Soil	12,300	0.56
08/14/2021	10:11:45	78780.34	394719.91	39.50	Soil	12,420	0.65
08/14/2021	10:11:46	78780.64	394719.66	39.44	Soil	13,680	1.54
08/14/2021	10:11:47	78780.86	394719.81	39.37	Soil	12,900	0.99
08/14/2021	10:11:48	78781.03	394719.48	39.37	Soil	11,640	0.10
08/14/2021	10:11:49	78781.57	394719.51	39.34	Soil	15,600	2.90
08/14/2021	10:11:50	78781.69	394719.30	39.40	Soil	11,280	-0.16
08/14/2021	10:11:51	78781.74	394719.27	39.43	Soil	12,660	0.82
08/14/2021	10:11:52	78782.03	394719.42	39.42	Soil	13,800	1.63
08/14/2021	10:11:53	78782.13	394719.06	39.49	Soil	12,180	0.48
08/14/2021	10:11:54	78782.39	394719.11	39.47	Soil	13,260	1.24
08/14/2021	10:11:55	78782.60	394718.88	39.53	Soil	13,560	1.46
08/14/2021	10:11:56	78782.90	394718.89	39.53	Soil	11,820	0.22
08/14/2021	10:11:57	78783.17	394718.62	39.51	Soil	12,960	1.03
08/14/2021	10:11:58	78783.42	394718.80	39.45	Soil	13,620	1.50
08/14/2021	10:11:59	78783.82	394718.64	39.42	Soil	13,980	1.75
08/14/2021	10:12:00	78784.06	394718.77	39.39	Soil	12,420	0.65
08/14/2021	10:12:01	78784.32	394718.66	39.41	Soil	12,600	0.78
08/14/2021	10:12:02	78784.69	394718.64	39.39	Soil	12,900	0.99
08/14/2021	10:12:03	78785.03	394718.77	39.49	Soil	12,780	0.90
08/14/2021	10:12:04	78785.26	394718.50	39.63	Soil	12,300	0.56
08/14/2021	10:12:05	78785.46	394718.45	39.71	Soil	10,680	-0.59
08/14/2021	10:12:06	78785.72	394718.68	39.82	Soil	13,980	1.75
08/14/2021	10:12:07	78785.78	394718.53	39.83	Soil	12,540	0.73
08/14/2021	10:12:08	78785.89	394718.35	39.91	Soil	11,580	0.05
08/14/2021	10:12:09	78786.11	394718.40	40.00	Soil	12,720	0.86
08/14/2021	10:12:10	78786.28	394718.28	40.06	Soil	14,040	1.80
08/14/2021	10:12:11	78786.34	394718.48	40.03	Soil	12,120	0.44
08/14/2021	10:12:12	78786.84	394718.30	40.09	Soil	12,960	1.03
08/14/2021	10:12:13	78787.02	394718.53	40.01	Soil	11,640	0.10
08/14/2021	10:12:14	78787.32	394718.48	40.08	Soil	12,060	0.39
08/14/2021	10:12:15	78787.44	394718.81	39.98	Soil	12,000	0.35
08/14/2021	10:12:16	78787.56	394718.96	39.89	Soil	11,820	0.22
08/14/2021	10:12:17	78787.67	394719.09	39.86	Soil	12,420	0.65
08/14/2021	10:12:18	78788.12	394719.05	39.88	Soil	13,800	1.63
08/14/2021	10:12:19	78788.41	394719.09	39.87	Soil	12,960	1.03
08/14/2021	10:12:20	78788.59	394719.32	39.88	Soil	14,700	2.27
08/14/2021	10:12:21	78788.86	394719.47	39.86	Soil	12,000	0.35
08/14/2021	10:12:22	78789.08	394719.63	39.86	Soil	13,380	1.33
08/14/2021	10:12:23	78789.34	394719.91	39.82	Soil	12,600	0.78
08/14/2021	10:12:24	78789.55	394720.08	39.76	Soil	13,260	1.24
08/14/2021	10:12:25	78789.58	394720.34	39.69	Soil	13,920	1.71

SU 7D GWS RESULTS
(SOIL)

08/14/2021	10:12:26	78789.96	394720.42	39.66	Soil	10,260	-0.88
08/14/2021	10:12:27	78790.04	394720.64	39.62	Soil	12,840	0.95
08/14/2021	10:12:28	78790.33	394720.59	39.64	Soil	12,000	0.35
08/14/2021	10:12:29	78790.43	394720.92	39.61	Soil	11,280	-0.16
08/14/2021	10:12:30	78790.81	394720.80	39.74	Soil	11,640	0.10
08/14/2021	10:12:31	78790.90	394721.03	39.79	Soil	13,560	1.46
08/14/2021	10:12:32	78791.13	394720.92	39.81	Soil	12,660	0.82
08/14/2021	10:12:33	78791.19	394721.21	39.81	Soil	12,420	0.65
08/14/2021	10:12:34	78791.39	394721.24	39.79	Soil	12,660	0.82
08/14/2021	10:12:35	78791.55	394721.35	39.77	Soil	12,900	0.99
08/14/2021	10:12:36	78791.69	394721.60	39.73	Soil	11,880	0.27
08/14/2021	10:12:37	78791.85	394721.72	39.69	Soil	12,000	0.35
08/14/2021	10:12:38	78791.64	394721.99	39.66	Soil	12,060	0.39
08/14/2021	10:12:39	78791.90	394722.16	39.63	Soil	12,240	0.52
08/14/2021	10:12:40	78791.83	394722.35	39.61	Soil	11,160	-0.25
08/14/2021	10:12:41	78792.14	394722.50	39.60	Soil	12,900	0.99
08/14/2021	10:12:42	78792.15	394722.71	39.58	Soil	12,300	0.56
08/14/2021	10:12:43	78792.48	394722.92	39.58	Soil	13,020	1.07
08/14/2021	10:12:44	78792.57	394723.20	39.57	Soil	12,360	0.61
08/14/2021	10:12:45	78792.94	394723.38	39.55	Soil	11,580	0.05
08/14/2021	10:12:46	78793.01	394723.57	39.51	Soil	12,960	1.03
08/14/2021	10:12:47	78793.25	394723.80	39.48	Soil	11,820	0.22
08/14/2021	10:12:48	78793.28	394723.98	39.47	Soil	12,240	0.52
08/14/2021	10:12:49	78793.16	394724.22	39.40	Soil	11,040	-0.33
08/14/2021	10:12:50	78793.15	394724.28	39.41	Soil	11,400	-0.08
08/14/2021	10:12:51	78793.14	394724.26	39.43	Soil	11,160	-0.25
08/14/2021	10:12:52	78793.02	394723.87	39.48	Soil	13,020	1.07
08/14/2021	10:12:53	78792.79	394723.71	39.49	Soil	12,480	0.69
08/14/2021	10:12:54	78792.66	394723.25	39.51	Soil	12,300	0.56
08/14/2021	10:12:55	78792.37	394723.30	39.51	Soil	12,060	0.39
08/14/2021	10:12:56	78792.36	394722.88	39.51	Soil	12,060	0.39
08/14/2021	10:12:57	78792.02	394722.79	39.49	Soil	12,180	0.48
08/14/2021	10:12:58	78791.94	394722.34	39.50	Soil	11,700	0.14
08/14/2021	10:12:59	78791.68	394722.11	39.55	Soil	12,720	0.86
08/14/2021	10:13:00	78791.63	394721.87	39.63	Soil	13,860	1.67
08/14/2021	10:13:01	78791.23	394721.70	39.58	Soil	11,340	-0.12
08/14/2021	10:13:02	78790.92	394721.41	39.63	Soil	11,820	0.22
08/14/2021	10:13:03	78790.75	394721.38	39.57	Soil	10,440	-0.76
08/14/2021	10:13:04	78790.72	394721.07	39.60	Soil	14,340	2.01
08/14/2021	10:13:05	78790.40	394721.01	39.56	Soil	13,260	1.24
08/14/2021	10:13:06	78790.18	394720.69	39.58	Soil	14,160	1.88
08/14/2021	10:13:07	78789.96	394720.69	39.59	Soil	12,660	0.82
08/14/2021	10:13:08	78789.97	394720.47	39.59	Soil	12,300	0.56
08/14/2021	10:13:09	78789.86	394720.43	39.62	Soil	13,260	1.24
08/14/2021	10:13:10	78789.66	394720.49	39.62	Soil	13,200	1.20
08/14/2021	10:13:11	78789.52	394720.36	39.64	Soil	12,540	0.73
08/14/2021	10:13:12	78789.44	394720.09	39.69	Soil	13,020	1.07
08/14/2021	10:13:13	78789.20	394720.03	39.72	Soil	12,780	0.90
08/14/2021	10:13:14	78789.25	394719.72	39.76	Soil	12,600	0.78
08/14/2021	10:13:15	78789.00	394719.71	39.79	Soil	11,700	0.14
08/14/2021	10:13:16	78788.80	394719.27	39.82	Soil	12,720	0.86

SU 7D GWS RESULTS
(SOIL)

08/14/2021	10:13:17	78788.53	394719.39	39.83	Soil	12,060	0.39
08/14/2021	10:13:18	78788.53	394719.23	39.87	Soil	12,000	0.35
08/14/2021	10:13:19	78788.21	394719.20	39.94	Soil	14,460	2.10
08/14/2021	10:13:20	78788.10	394719.19	39.92	Soil	13,500	1.41
08/14/2021	10:13:21	78787.85	394718.84	39.97	Soil	11,880	0.27
08/14/2021	10:13:22	78787.61	394718.88	39.90	Soil	13,680	1.54
08/14/2021	10:13:23	78787.38	394718.74	39.96	Soil	13,380	1.33
08/14/2021	10:13:24	78787.13	394718.85	39.94	Soil	12,000	0.35
08/14/2021	10:13:25	78786.83	394718.57	39.97	Soil	12,060	0.39
08/14/2021	10:13:26	78786.28	394718.65	39.84	Soil	12,600	0.78
08/14/2021	10:13:27	78786.13	394718.43	39.93	Soil	11,760	0.18
08/14/2021	10:13:28	78785.86	394718.49	39.92	Soil	14,220	1.92
08/14/2021	10:13:29	78785.62	394718.34	39.89	Soil	12,960	1.03
08/14/2021	10:13:30	78785.34	394718.43	39.76	Soil	13,680	1.54
08/14/2021	10:13:31	78785.01	394718.44	39.71	Soil	12,540	0.73
08/14/2021	10:13:32	78784.86	394718.66	39.62	Soil	12,840	0.95
08/14/2021	10:13:33	78784.47	394718.61	39.57	Soil	11,640	0.10
08/14/2021	10:13:34	78784.17	394718.80	39.52	Soil	12,960	1.03
08/14/2021	10:13:35	78783.89	394718.72	39.50	Soil	12,000	0.35
08/14/2021	10:13:36	78783.70	394718.93	39.47	Soil	13,380	1.33
08/14/2021	10:13:37	78783.47	394718.96	39.44	Soil	13,740	1.58
08/14/2021	10:13:38	78783.25	394719.11	39.43	Soil	13,380	1.33
08/14/2021	10:13:39	78782.90	394719.11	39.48	Soil	12,240	0.52
08/14/2021	10:13:40	78782.67	394719.19	39.43	Soil	14,040	1.80
08/14/2021	10:13:41	78782.39	394719.46	39.40	Soil	11,280	-0.16
08/14/2021	10:13:42	78781.97	394719.50	39.42	Soil	13,620	1.50
08/14/2021	10:13:43	78781.71	394719.63	39.33	Soil	13,740	1.58
08/14/2021	10:13:44	78781.48	394719.77	39.23	Soil	12,900	0.99
08/14/2021	10:13:45	78781.16	394720.10	39.19	Soil	14,280	1.97
08/14/2021	10:13:46	78781.30	394719.94	39.19	Soil	11,220	-0.20
08/14/2021	10:13:47	78781.65	394720.00	39.13	Soil	14,520	2.14
08/14/2021	10:13:48	78781.96	394719.86	39.21	Soil	11,940	0.31
08/14/2021	10:13:49	78782.18	394719.89	39.23	Soil	13,020	1.07
08/14/2021	10:13:50	78782.38	394719.51	39.29	Soil	13,380	1.33
08/14/2021	10:13:51	78782.68	394719.51	39.26	Soil	14,100	1.84
08/14/2021	10:13:52	78782.97	394719.37	39.31	Soil	12,300	0.56
08/14/2021	10:13:53	78783.25	394719.18	39.31	Soil	12,060	0.39
08/14/2021	10:13:54	78783.52	394719.24	39.26	Soil	11,820	0.22
08/14/2021	10:13:55	78783.87	394719.04	39.26	Soil	12,480	0.69
08/14/2021	10:13:56	78784.09	394719.22	39.21	Soil	14,100	1.84
08/14/2021	10:13:57	78784.52	394719.11	39.21	Soil	11,220	-0.20
08/14/2021	10:13:58	78785.00	394719.07	39.18	Soil	12,720	0.86
08/14/2021	10:13:59	78785.48	394719.22	39.29	Soil	12,120	0.44
08/14/2021	10:14:00	78785.77	394719.12	39.33	Soil	10,980	-0.37
08/14/2021	10:14:01	78785.95	394719.08	39.43	Soil	11,340	-0.12
08/14/2021	10:14:02	78786.20	394719.19	39.43	Soil	14,280	1.97
08/14/2021	10:14:04	78786.65	394719.11	39.53	Soil	12,360	0.61
08/14/2021	10:14:04	78786.70	394719.05	39.53	Soil	12,240	0.52
08/14/2021	10:14:05	78786.98	394719.17	39.57	Soil	13,020	1.07
08/14/2021	10:14:06	78787.36	394719.17	39.37	Soil	11,160	-0.25
08/14/2021	10:14:07	78787.73	394719.13	39.66	Soil	12,060	0.39

SU 7D GWS RESULTS
(SOIL)

08/14/2021	10:14:08	78788.02	394719.28	39.62	Soil	13,020	1.07
08/14/2021	10:14:09	78788.23	394719.35	39.70	Soil	11,820	0.22
08/14/2021	10:14:10	78788.49	394719.59	39.67	Soil	12,000	0.35
08/14/2021	10:14:11	78788.63	394719.80	39.60	Soil	11,400	-0.08
08/14/2021	10:14:12	78788.60	394719.93	39.58	Soil	12,540	0.73
08/14/2021	10:14:13	78789.04	394720.00	39.59	Soil	12,420	0.65
08/14/2021	10:14:14	78789.22	394720.27	39.39	Soil	13,680	1.54
08/14/2021	10:14:15	78789.39	394720.57	39.42	Soil	11,940	0.31
08/14/2021	10:14:16	78789.66	394720.67	39.41	Soil	13,320	1.29
08/14/2021	10:14:17	78789.90	394720.82	39.39	Soil	12,780	0.90
08/14/2021	10:14:18	78789.94	394721.03	39.35	Soil	13,920	1.71
08/14/2021	10:14:19	78790.29	394721.11	39.34	Soil	11,940	0.31
08/14/2021	10:14:20	78790.32	394721.33	39.27	Soil	11,760	0.18
08/14/2021	10:14:21	78790.58	394721.38	39.30	Soil	11,700	0.14
08/14/2021	10:14:22	78790.51	394721.63	39.25	Soil	11,100	-0.29
08/14/2021	10:14:23	78790.87	394721.70	39.30	Soil	12,480	0.69
08/14/2021	10:14:24	78790.91	394721.93	39.28	Soil	13,020	1.07
08/14/2021	10:14:25	78791.20	394722.04	39.28	Soil	13,320	1.29
08/14/2021	10:14:26	78791.26	394722.11	39.29	Soil	13,140	1.16
08/14/2021	10:14:27	78791.27	394722.23	39.25	Soil	12,600	0.78
08/14/2021	10:14:28	78791.50	394722.36	39.22	Soil	12,540	0.73
08/14/2021	10:14:29	78791.51	394722.59	39.16	Soil	12,600	0.78
08/14/2021	10:14:30	78791.77	394722.76	39.13	Soil	12,060	0.39
08/14/2021	10:14:31	78791.89	394722.93	39.11	Soil	11,460	-0.03
08/14/2021	10:14:32	78792.06	394723.11	39.11	Soil	12,000	0.35
08/14/2021	10:14:33	78792.26	394723.33	39.13	Soil	14,340	2.01
08/14/2021	10:14:34	78792.31	394723.66	39.11	Soil	12,480	0.69
08/14/2021	10:14:35	78792.72	394723.94	39.17	Soil	13,920	1.71
08/14/2021	10:14:36	78792.72	394724.26	39.09	Soil	12,960	1.03
08/14/2021	10:14:37	78792.88	394724.58	39.04	Soil	10,020	-1.05
08/14/2021	10:14:38	78792.70	394724.42	39.05	Soil	11,520	0.01
08/14/2021	10:14:39	78792.36	394724.48	39.01	Soil	13,260	1.24
08/14/2021	10:14:40	78792.29	394724.56	39.01	Soil	11,340	-0.12
08/14/2021	10:14:41	78792.27	394724.54	39.02	Soil	11,580	0.05
08/14/2021	10:14:42	78792.26	394724.25	39.05	Soil	12,060	0.39
08/14/2021	10:14:43	78791.94	394724.26	39.01	Soil	11,340	-0.12
08/14/2021	10:14:44	78792.00	394723.90	39.04	Soil	13,680	1.54
08/14/2021	10:14:45	78791.84	394723.72	39.13	Soil	12,720	0.86
08/14/2021	10:14:46	78791.84	394723.43	39.14	Soil	12,180	0.48
08/14/2021	10:14:47	78791.71	394723.22	39.23	Soil	11,820	0.22
08/14/2021	10:14:48	78791.60	394722.90	39.23	Soil	12,120	0.44
08/14/2021	10:14:49	78791.29	394722.78	39.24	Soil	13,020	1.07
08/14/2021	10:14:50	78791.23	394722.44	39.31	Soil	12,840	0.95
08/14/2021	10:14:51	78790.89	394722.19	39.33	Soil	12,300	0.56
08/14/2021	10:14:52	78790.91	394722.02	39.38	Soil	12,660	0.82
08/14/2021	10:14:53	78790.62	394721.90	39.39	Soil	12,420	0.65
08/14/2021	10:14:54	78790.50	394721.65	39.39	Soil	13,440	1.37
08/14/2021	10:14:55	78790.18	394721.50	39.37	Soil	14,040	1.80
08/14/2021	10:14:56	78789.98	394721.20	39.40	Soil	12,480	0.69
08/14/2021	10:14:57	78789.74	394721.20	39.43	Soil	11,580	0.05
08/14/2021	10:14:58	78789.60	394720.94	39.45	Soil	12,060	0.39

SU 7D GWS RESULTS
(SOIL)

08/14/2021	10:14:59	78789.36	394721.10	39.41	Soil	12,900	0.99
08/14/2021	10:15:00	78789.35	394721.01	39.43	Soil	12,960	1.03
08/14/2021	10:15:01	78789.32	394720.95	39.43	Soil	12,420	0.65
08/14/2021	10:15:02	78789.36	394720.94	39.45	Soil	13,980	1.75
08/14/2021	10:15:03	78789.29	394720.93	39.45	Soil	13,500	1.41
08/14/2021	10:15:04	78789.40	394720.60	39.52	Soil	10,320	-0.84
08/14/2021	10:15:05	78789.27	394720.66	39.53	Soil	13,080	1.12
08/14/2021	10:15:06	78789.20	394720.43	39.55	Soil	11,160	-0.25
08/14/2021	10:15:07	78788.89	394720.36	39.54	Soil	11,220	-0.20
08/14/2021	10:15:08	78788.97	394720.18	39.57	Soil	12,360	0.61
08/14/2021	10:15:09	78788.81	394719.98	39.56	Soil	12,480	0.69
08/14/2021	10:15:10	78788.71	394719.86	39.70	Soil	13,440	1.37
08/14/2021	10:15:11	78788.49	394719.62	39.71	Soil	11,220	-0.20
08/14/2021	10:15:12	78788.22	394719.62	39.76	Soil	12,660	0.82
08/14/2021	10:15:13	78788.05	394719.28	39.78	Soil	12,120	0.44
08/14/2021	10:15:14	78787.58	394719.18	39.83	Soil	12,780	0.90
08/14/2021	10:15:15	78787.46	394719.16	39.85	Soil	11,460	-0.03
08/14/2021	10:15:16	78787.42	394719.00	39.80	Soil	12,240	0.52
08/14/2021	10:15:17	78787.23	394718.88	39.92	Soil	10,860	-0.46
08/14/2021	10:15:18	78786.91	394718.85	39.91	Soil	13,320	1.29
08/14/2021	10:15:19	78786.83	394718.91	39.86	Soil	12,660	0.82
08/14/2021	10:15:20	78786.41	394718.72	39.84	Soil	11,940	0.31
08/14/2021	10:15:21	78786.16	394718.85	39.79	Soil	12,000	0.35
08/14/2021	10:15:22	78785.95	394718.89	39.74	Soil	12,180	0.48
08/14/2021	10:15:23	78785.63	394718.70	39.71	Soil	13,860	1.67
08/14/2021	10:15:24	78785.37	394718.95	39.62	Soil	12,600	0.78
08/14/2021	10:15:25	78785.07	394718.74	39.57	Soil	11,040	-0.33
08/14/2021	10:15:26	78784.87	394718.96	39.48	Soil	12,720	0.86
08/14/2021	10:15:27	78784.57	394719.03	39.41	Soil	12,180	0.48
08/14/2021	10:15:28	78784.55	394719.26	39.33	Soil	11,220	-0.20
08/14/2021	10:15:29	78784.34	394719.21	39.31	Soil	11,520	0.01
08/14/2021	10:15:30	78784.10	394719.29	39.28	Soil	11,100	-0.29
08/14/2021	10:15:31	78783.86	394719.17	39.34	Soil	13,200	1.20
08/14/2021	10:15:32	78783.82	394719.32	39.34	Soil	10,800	-0.50
08/14/2021	10:15:33	78783.48	394719.27	39.35	Soil	10,620	-0.63
08/14/2021	10:15:34	78783.35	394719.48	39.34	Soil	14,100	1.84
08/14/2021	10:15:35	78783.09	394719.52	39.33	Soil	12,780	0.90
08/14/2021	10:15:36	78783.03	394719.71	39.31	Soil	13,380	1.33
08/14/2021	10:15:37	78782.72	394719.84	39.29	Soil	14,040	1.80
08/14/2021	10:15:38	78782.61	394720.15	39.25	Soil	13,380	1.33
08/14/2021	10:15:39	78782.47	394720.44	39.22	Soil	12,480	0.69
08/14/2021	10:15:40	78782.57	394720.17	39.25	Soil	12,600	0.78
08/14/2021	10:15:41	78782.72	394720.23	39.23	Soil	12,660	0.82
08/14/2021	10:15:42	78782.82	394720.01	39.28	Soil	12,000	0.35
08/14/2021	10:15:43	78783.02	394720.07	39.28	Soil	14,040	1.80
08/14/2021	10:15:44	78783.25	394719.84	39.34	Soil	12,600	0.78
08/14/2021	10:15:45	78783.43	394719.86	39.34	Soil	14,400	2.05
08/14/2021	10:15:46	78783.64	394719.62	39.35	Soil	12,600	0.78
08/14/2021	10:15:47	78783.85	394719.60	39.32	Soil	10,380	-0.80
08/14/2021	10:15:48	78784.19	394719.38	39.35	Soil	12,540	0.73
08/14/2021	10:15:49	78784.50	394719.49	39.35	Soil	11,220	-0.20

SU 7D GWS RESULTS
(SOIL)

08/14/2021	10:15:50	78784.82	394719.28	39.42	Soil	11,280	-0.16
08/14/2021	10:15:51	78785.18	394719.38	39.46	Soil	11,640	0.10
08/14/2021	10:15:52	78785.36	394719.19	39.60	Soil	13,380	1.33
08/14/2021	10:15:53	78785.67	394719.18	39.59	Soil	13,620	1.50
08/14/2021	10:15:54	78786.15	394719.13	39.69	Soil	11,640	0.10
08/14/2021	10:15:55	78786.38	394719.19	39.69	Soil	12,240	0.52
08/14/2021	10:15:56	78786.91	394719.01	39.80	Soil	13,620	1.50
08/14/2021	10:15:57	78787.18	394719.25	39.86	Soil	10,560	-0.67
08/14/2021	10:15:58	78787.51	394719.20	39.86	Soil	12,660	0.82
08/14/2021	10:15:59	78787.67	394719.37	39.88	Soil	11,940	0.31
08/14/2021	10:16:00	78788.05	394719.56	39.77	Soil	13,200	1.20
08/14/2021	10:16:01	78788.27	394719.90	39.64	Soil	11,460	-0.03
08/14/2021	10:16:02	78788.52	394720.16	39.59	Soil	11,580	0.05
08/14/2021	10:16:03	78788.82	394720.29	39.51	Soil	13,080	1.12
08/14/2021	10:16:04	78788.77	394720.45	39.58	Soil	12,360	0.61
08/14/2021	10:16:05	78788.70	394720.51	39.58	Soil	12,240	0.52
08/14/2021	10:16:06	78788.94	394720.59	39.59	Soil	11,220	-0.20
08/14/2021	10:16:07	78789.21	394720.79	39.57	Soil	13,260	1.24
08/14/2021	10:16:08	78789.55	394720.85	39.62	Soil	12,300	0.56
08/14/2021	10:16:09	78789.81	394721.14	39.57	Soil	11,580	0.05
08/14/2021	10:16:10	78790.08	394721.30	39.54	Soil	11,880	0.27
08/14/2021	10:16:11	78790.17	394721.56	39.49	Soil	12,120	0.44
08/14/2021	10:16:12	78790.43	394721.62	39.50	Soil	11,220	-0.20
08/14/2021	10:16:13	78790.47	394721.98	39.41	Soil	13,140	1.16
08/14/2021	10:16:14	78790.69	394722.23	39.39	Soil	12,000	0.35
08/14/2021	10:16:15	78790.65	394722.47	39.34	Soil	13,920	1.71
08/14/2021	10:16:16	78790.98	394722.70	39.31	Soil	12,420	0.65
08/14/2021	10:16:17	78791.02	394722.93	39.25	Soil	12,360	0.61
08/14/2021	10:16:18	78791.34	394723.00	39.29	Soil	12,960	1.03
08/14/2021	10:16:19	78791.41	394723.29	39.28	Soil	12,600	0.78
08/14/2021	10:16:20	78791.76	394723.50	39.28	Soil	12,300	0.56
08/14/2021	10:16:21	78791.74	394723.74	39.27	Soil	10,920	-0.42
08/14/2021	10:16:22	78791.99	394723.98	39.23	Soil	12,420	0.65
08/14/2021	10:16:23	78791.89	394724.16	39.15	Soil	12,060	0.39
08/14/2021	10:16:24	78791.89	394724.56	39.08	Soil	13,020	1.07
08/14/2021	10:16:25	78791.75	394724.58	39.02	Soil	11,400	-0.08
08/14/2021	10:16:26	78791.60	394724.67	39.02	Soil	11,820	0.22
08/14/2021	10:16:27	78791.54	394724.68	39.00	Soil	11,640	0.10
08/14/2021	10:16:28	78791.64	394724.39	39.05	Soil	11,340	-0.12
08/14/2021	10:16:29	78791.43	394724.18	39.03	Soil	11,460	-0.03
08/14/2021	10:16:30	78791.42	394723.90	39.09	Soil	13,260	1.24
08/14/2021	10:16:31	78791.25	394723.75	39.08	Soil	13,680	1.54
08/14/2021	10:16:32	78791.07	394723.57	39.07	Soil	12,900	0.99
08/14/2021	10:16:33	78791.01	394723.35	39.05	Soil	12,420	0.65
08/14/2021	10:16:34	78790.85	394723.09	39.12	Soil	11,760	0.18
08/14/2021	10:16:35	78790.83	394722.81	39.12	Soil	13,320	1.29
08/14/2021	10:16:36	78790.54	394722.63	39.16	Soil	12,840	0.95
08/14/2021	10:16:37	78790.54	394722.39	39.18	Soil	11,820	0.22
08/14/2021	10:16:38	78790.42	394722.24	39.23	Soil	13,440	1.37
08/14/2021	10:16:39	78790.27	394722.19	39.23	Soil	12,480	0.69
08/14/2021	10:16:42	78790.08	394721.49	39.32	Soil	11,400	-0.08

SU 7D GWS RESULTS
(SOIL)

08/14/2021	10:16:43	78789.86	394721.34	39.35	Soil	12,180	0.48
08/14/2021	10:16:44	78789.74	394721.17	39.40	Soil	13,080	1.12
08/14/2021	10:16:45	78789.55	394720.88	39.39	Soil	13,560	1.46
08/14/2021	10:16:46	78789.20	394720.84	39.41	Soil	12,240	0.52
08/14/2021	10:16:47	78789.02	394720.63	39.41	Soil	14,280	1.97
08/14/2021	10:16:48	78788.72	394720.55	39.43	Soil	13,080	1.12
08/14/2021	10:16:49	78788.53	394720.48	39.41	Soil	12,780	0.90
08/14/2021	10:16:50	78788.28	394720.14	39.38	Soil	11,460	-0.03
08/14/2021	10:16:51	78788.08	394720.16	39.39	Soil	14,700	2.27
08/14/2021	10:16:52	78788.04	394719.97	39.46	Soil	11,700	0.14
08/14/2021	10:16:53	78787.89	394720.03	39.41	Soil	12,780	0.90
08/14/2021	10:16:54	78787.90	394719.82	39.41	Soil	12,120	0.44
08/14/2021	10:16:55	78787.65	394719.86	39.46	Soil	13,860	1.67
08/14/2021	10:16:56	78787.51	394719.90	39.44	Soil	13,200	1.20
08/14/2021	10:16:57	78787.37	394719.82	39.44	Soil	13,620	1.50
08/14/2021	10:16:58	78787.23	394719.28	39.54	Soil	12,060	0.39
08/14/2021	10:16:59	78786.85	394719.44	39.53	Soil	12,300	0.56
08/14/2021	10:17:00	78786.82	394719.45	39.55	Soil	13,320	1.29
08/14/2021	10:17:01	78786.80	394719.22	39.64	Soil	13,080	1.12
08/14/2021	10:17:02	78786.50	394719.31	39.60	Soil	13,320	1.29
08/14/2021	10:17:03	78786.19	394719.07	39.63	Soil	14,160	1.88
08/14/2021	10:17:04	78785.84	394719.06	39.53	Soil	12,000	0.35
08/14/2021	10:17:05	78785.52	394719.06	39.55	Soil	13,680	1.54
08/14/2021	10:17:06	78785.26	394718.89	39.54	Soil	12,540	0.73
08/14/2021	10:17:07	78785.06	394718.95	39.43	Soil	12,960	1.03
08/14/2021	10:17:08	78784.77	394718.95	39.39	Soil	13,260	1.24
08/14/2021	10:17:09	78784.61	394719.16	39.27	Soil	11,460	-0.03
08/14/2021	10:17:10	78784.36	394719.31	39.22	Soil	12,960	1.03
08/14/2021	10:17:11	78784.09	394719.55	39.16	Soil	12,840	0.95
08/14/2021	10:17:12	78783.62	394719.72	39.17	Soil	12,540	0.73
08/14/2021	10:17:13	78783.34	394720.08	39.15	Soil	12,240	0.52
08/14/2021	10:17:14	78782.90	394720.11	39.11	Soil	12,420	0.65
08/14/2021	10:17:15	78782.51	394720.36	39.07	Soil	11,460	-0.03
08/14/2021	10:17:16	78782.44	394720.47	39.08	Soil	13,620	1.50
08/14/2021	10:17:17	78782.42	394720.69	39.04	Soil	14,100	1.84
08/14/2021	10:17:18	78782.37	394720.71	39.07	Soil	11,340	-0.12
08/14/2021	10:17:19	78782.34	394720.63	39.12	Soil	12,180	0.48
08/14/2021	10:17:20	78782.37	394720.45	39.18	Soil	12,480	0.69
08/14/2021	10:17:21	78782.51	394720.42	39.18	Soil	13,980	1.75
08/14/2021	10:17:22	78782.69	394720.10	39.22	Soil	12,780	0.90
08/14/2021	10:17:23	78782.92	394720.08	39.23	Soil	11,880	0.27
08/14/2021	10:17:24	78783.13	394719.85	39.31	Soil	12,120	0.44
08/14/2021	10:17:25	78783.40	394719.86	39.33	Soil	12,540	0.73
08/14/2021	10:17:26	78783.64	394719.59	39.34	Soil	12,900	0.99
08/14/2021	10:17:27	78783.86	394719.61	39.31	Soil	11,880	0.27
08/14/2021	10:17:28	78784.10	394719.40	39.36	Soil	12,000	0.35
08/14/2021	10:17:29	78784.39	394719.48	39.35	Soil	13,020	1.07
08/14/2021	10:17:30	78784.68	394719.31	39.40	Soil	11,640	0.10
08/14/2021	10:17:31	78784.93	394719.35	39.44	Soil	12,120	0.44
08/14/2021	10:17:32	78785.15	394719.15	39.52	Soil	12,720	0.86
08/14/2021	10:17:33	78785.27	394719.34	39.59	Soil	11,220	-0.20

SU 7D GWS RESULTS
(SOIL)

08/14/2021	10:17:34	78785.47	394719.38	39.59	Soil	10,380	-0.80
08/14/2021	10:17:35	78785.84	394719.19	39.71	Soil	11,040	-0.33
08/14/2021	10:17:36	78786.16	394719.18	39.65	Soil	11,640	0.10
08/14/2021	10:17:37	78786.38	394719.35	39.73	Soil	11,760	0.18
08/14/2021	10:17:38	78786.49	394719.42	39.67	Soil	13,620	1.50
08/14/2021	10:17:39	78787.00	394719.33	39.78	Soil	10,800	-0.50
08/14/2021	10:17:40	78787.23	394719.47	39.72	Soil	12,300	0.56
08/14/2021	10:17:41	78787.17	394719.61	39.71	Soil	11,460	-0.03
08/14/2021	10:17:42	78787.57	394719.67	39.74	Soil	11,340	-0.12
08/14/2021	10:17:43	78787.65	394719.93	39.67	Soil	12,060	0.39
08/14/2021	10:17:44	78787.98	394720.04	39.67	Soil	13,320	1.29
08/14/2021	10:17:45	78787.99	394720.25	39.63	Soil	13,500	1.41
08/14/2021	10:17:46	78788.21	394720.35	39.60	Soil	13,320	1.29
08/14/2021	10:17:47	78788.68	394720.63	39.58	Soil	11,640	0.10
08/14/2021	10:17:48	78789.05	394720.78	39.58	Soil	12,240	0.52
08/14/2021	10:17:49	78789.13	394720.98	39.62	Soil	13,920	1.71
08/14/2021	10:17:50	78789.32	394721.11	39.59	Soil	14,880	2.39
08/14/2021	10:17:51	78789.53	394721.43	39.53	Soil	13,260	1.24
08/14/2021	10:17:54	78790.23	394722.20	39.41	Soil	12,060	0.39
08/14/2021	10:17:55	78790.27	394722.51	39.36	Soil	13,740	1.58
08/14/2021	10:17:56	78790.50	394722.73	39.32	Soil	12,000	0.35
08/14/2021	10:17:57	78790.65	394723.02	39.24	Soil	11,220	-0.20
08/14/2021	10:17:58	78790.94	394723.32	39.22	Soil	13,080	1.12
08/14/2021	10:17:59	78791.05	394723.66	39.16	Soil	11,340	-0.12
08/14/2021	10:18:00	78791.33	394723.71	39.20	Soil	10,440	-0.76
08/14/2021	10:18:01	78791.55	394723.95	39.23	Soil	12,240	0.52
08/14/2021	10:18:02	78791.88	394724.10	39.23	Soil	13,020	1.07
08/14/2021	10:18:03	78791.87	394724.33	39.19	Soil	12,420	0.65
08/14/2021	10:18:04	78792.16	394724.59	39.11	Soil	12,480	0.69
08/14/2021	10:18:05	78792.36	394724.80	39.19	Soil	13,200	1.20
08/14/2021	10:18:06	78792.39	394724.87	39.19	Soil	12,780	0.90
08/14/2021	10:18:07	78792.38	394724.85	39.13	Soil	10,860	-0.46
08/14/2021	10:18:08	78792.27	394724.89	39.10	Soil	11,640	0.10
08/14/2021	10:18:09	78792.03	394724.82	39.05	Soil	12,840	0.95
08/14/2021	10:18:10	78791.87	394724.55	39.05	Soil	11,520	0.01
08/14/2021	10:18:11	78791.59	394724.41	39.07	Soil	10,560	-0.67
08/14/2021	10:18:12	78791.50	394724.09	39.09	Soil	12,180	0.48
08/14/2021	10:18:13	78791.30	394723.94	39.13	Soil	10,680	-0.59
08/14/2021	10:18:14	78791.18	394723.76	39.12	Soil	13,320	1.29
08/14/2021	10:18:15	78791.03	394723.47	39.15	Soil	12,060	0.39
08/14/2021	10:18:16	78790.92	394723.16	39.15	Soil	11,880	0.27
08/14/2021	10:18:17	78790.65	394723.03	39.15	Soil	11,400	-0.08
08/14/2021	10:18:18	78790.63	394722.73	39.20	Soil	10,800	-0.50
08/14/2021	10:18:19	78790.44	394722.73	39.25	Soil	11,520	0.01
08/14/2021	10:18:20	78790.38	394722.49	39.29	Soil	14,640	2.22
08/14/2021	10:18:21	78790.15	394722.42	39.34	Soil	13,560	1.46
08/14/2021	10:18:27	78788.87	394721.27	39.35	Soil	12,060	0.39
08/14/2021	10:18:28	78788.73	394720.97	39.34	Soil	12,780	0.90
08/14/2021	10:18:29	78788.41	394720.76	39.35	Soil	10,500	-0.71
08/14/2021	10:18:30	78788.25	394720.51	39.38	Soil	10,500	-0.71
08/14/2021	10:18:31	78788.06	394720.55	39.38	Soil	11,700	0.14

SU 7D GWS RESULTS
(SOIL)

08/14/2021	10:18:32	78787.97	394720.52	39.39	Soil	13,200	1.20
08/14/2021	10:18:33	78787.91	394720.36	39.36	Soil	13,800	1.63
08/14/2021	10:18:34	78787.72	394720.13	39.42	Soil	13,740	1.58
08/14/2021	10:18:35	78787.43	394720.06	39.35	Soil	11,820	0.22
08/14/2021	10:18:36	78787.24	394719.66	39.42	Soil	11,340	-0.12
08/14/2021	10:18:37	78786.95	394719.44	39.57	Soil	12,540	0.73
08/14/2021	10:18:38	78786.69	394719.29	39.61	Soil	12,420	0.65
08/14/2021	10:18:39	78786.25	394719.18	39.53	Soil	13,620	1.50
08/14/2021	10:18:40	78785.96	394719.38	39.51	Soil	11,700	0.14
08/14/2021	10:18:41	78785.68	394719.44	39.46	Soil	13,680	1.54
08/14/2021	10:18:42	78785.40	394719.66	39.35	Soil	11,760	0.18
08/14/2021	10:18:43	78785.12	394719.70	39.23	Soil	13,380	1.33
08/14/2021	10:18:44	78784.78	394719.78	39.11	Soil	11,520	0.01
08/14/2021	10:18:45	78784.41	394719.79	39.08	Soil	13,500	1.41
08/14/2021	10:18:46	78784.20	394719.93	39.03	Soil	13,620	1.50
08/14/2021	10:18:47	78783.86	394719.93	39.02	Soil	12,240	0.52
08/14/2021	10:18:48	78783.61	394720.18	39.09	Soil	13,620	1.50
08/14/2021	10:18:49	78783.30	394720.25	39.09	Soil	13,200	1.20
08/14/2021	10:18:50	78783.10	394720.40	39.03	Soil	13,740	1.58
08/14/2021	10:18:51	78782.87	394720.69	39.01	Soil	11,160	-0.25
08/14/2021	10:18:52	78782.76	394720.98	38.90	Soil	11,640	0.10
08/14/2021	10:18:53	78782.86	394720.87	38.92	Soil	12,960	1.03
08/14/2021	10:18:54	78783.05	394720.80	38.97	Soil	12,300	0.56
08/14/2021	10:18:55	78783.17	394720.51	39.02	Soil	12,180	0.48
08/14/2021	10:18:56	78783.46	394720.49	39.05	Soil	12,720	0.86
08/14/2021	10:18:57	78783.65	394720.25	39.04	Soil	13,800	1.63
08/14/2021	10:18:58	78783.86	394720.22	38.98	Soil	13,860	1.67
08/14/2021	10:18:59	78784.11	394720.02	38.99	Soil	12,660	0.82
08/14/2021	10:19:00	78784.44	394720.00	39.00	Soil	13,320	1.29
08/14/2021	10:19:01	78784.68	394719.90	39.01	Soil	12,360	0.61
08/14/2021	10:19:02	78784.89	394719.79	39.12	Soil	11,760	0.18
08/14/2021	10:19:03	78785.11	394719.85	39.15	Soil	13,320	1.29
08/14/2021	10:19:04	78785.30	394719.63	39.28	Soil	14,520	2.14
08/14/2021	10:19:05	78785.48	394719.67	39.37	Soil	12,120	0.44
08/14/2021	10:19:06	78785.86	394719.50	39.36	Soil	11,700	0.14
08/14/2021	10:19:07	78786.14	394719.38	39.48	Soil	12,660	0.82
08/14/2021	10:19:08	78786.30	394719.30	39.55	Soil	12,960	1.03
08/14/2021	10:19:09	78786.45	394719.41	39.54	Soil	12,900	0.99
08/14/2021	10:19:10	78786.74	394719.28	39.66	Soil	11,460	-0.03
08/14/2021	10:19:11	78786.90	394719.32	39.65	Soil	12,120	0.44
08/14/2021	10:19:12	78787.07	394719.59	39.55	Soil	9,360	-1.52
08/14/2021	10:19:13	78787.53	394719.52	39.70	Soil	11,700	0.14
08/14/2021	10:19:14	78787.63	394719.70	39.64	Soil	12,780	0.90
08/14/2021	10:19:15	78787.90	394719.65	39.71	Soil	12,660	0.82
08/14/2021	10:19:16	78788.04	394719.92	39.69	Soil	12,300	0.56
08/14/2021	10:19:17	78788.21	394720.02	39.65	Soil	13,440	1.37
08/14/2021	10:19:18	78788.53	394719.93	39.76	Soil	13,140	1.16
08/14/2021	10:19:19	78788.52	394719.99	39.74	Soil	9,780	-1.22
08/14/2021	10:19:20	78788.56	394720.07	39.74	Soil	13,380	1.33
08/14/2021	10:19:21	78788.62	394720.21	39.75	Soil	11,640	0.10
08/14/2021	10:19:22	78789.01	394720.30	39.74	Soil	11,160	-0.25

SU 7D GWS RESULTS
(SOIL)

08/14/2021	10:19:23	78789.08	394720.54	39.67	Soil	12,960	1.03
08/14/2021	10:19:24	78789.11	394720.65	39.67	Soil	11,940	0.31
08/14/2021	10:19:25	78789.06	394720.65	39.67	Soil	12,360	0.61
08/14/2021	10:19:26	78789.01	394720.67	39.68	Soil	12,540	0.73
08/14/2021	10:19:27	78789.03	394720.63	39.67	Soil	11,880	0.27
08/14/2021	10:19:28	78789.03	394720.64	39.66	Soil	11,820	0.22
08/14/2021	10:19:29	78789.35	394720.80	39.65	Soil	12,840	0.95
08/14/2021	10:19:30	78789.39	394721.03	39.57	Soil	14,580	2.18
08/14/2021	10:19:31	78789.59	394721.23	39.54	Soil	11,400	-0.08
08/14/2021	10:19:32	78789.69	394721.47	39.51	Soil	11,820	0.22
08/14/2021	10:19:35	78790.17	394722.12	39.45	Soil	11,520	0.01
08/14/2021	10:19:36	78790.23	394722.34	39.42	Soil	12,480	0.69
08/14/2021	10:19:37	78790.53	394722.52	39.40	Soil	12,360	0.61
08/14/2021	10:19:38	78790.67	394722.80	39.36	Soil	12,540	0.73
08/14/2021	10:19:39	78790.81	394723.05	39.32	Soil	12,060	0.39
08/14/2021	10:19:40	78791.04	394723.32	39.30	Soil	11,820	0.22
08/14/2021	10:19:41	78791.23	394723.60	39.28	Soil	11,880	0.27
08/14/2021	10:19:42	78791.54	394723.81	39.30	Soil	13,680	1.54
08/14/2021	10:19:43	78791.63	394724.01	39.29	Soil	11,220	-0.20
08/14/2021	10:19:44	78791.95	394724.10	39.32	Soil	12,360	0.61
08/14/2021	10:19:45	78792.07	394724.39	39.23	Soil	11,220	-0.20
08/14/2021	10:19:46	78792.32	394724.63	39.23	Soil	12,900	0.99
08/14/2021	10:19:47	78792.68	394724.93	39.23	Soil	12,360	0.61
08/14/2021	10:19:48	78792.70	394725.16	39.17	Soil	12,120	0.44
08/14/2021	10:19:49	78792.66	394725.54	39.11	Soil	11,340	-0.12
08/14/2021	10:19:50	78792.51	394725.53	39.02	Soil	12,960	1.03
08/14/2021	10:19:51	78792.33	394725.54	38.99	Soil	12,540	0.73
08/14/2021	10:19:52	78792.18	394725.34	38.97	Soil	12,120	0.44
08/14/2021	10:19:53	78791.87	394725.25	38.94	Soil	13,140	1.16
08/14/2021	10:19:54	78791.80	394724.94	38.98	Soil	11,820	0.22
08/14/2021	10:19:55	78791.63	394724.88	39.00	Soil	13,320	1.29
08/14/2021	10:19:56	78791.56	394724.59	39.00	Soil	11,280	-0.16
08/14/2021	10:19:57	78791.33	394724.47	39.00	Soil	12,060	0.39
08/14/2021	10:19:58	78791.24	394724.32	38.98	Soil	12,480	0.69
08/14/2021	10:19:59	78791.18	394723.98	39.05	Soil	12,780	0.90
08/14/2021	10:20:00	78790.94	394723.81	39.03	Soil	12,720	0.86
08/14/2021	10:20:01	78790.84	394723.43	39.09	Soil	11,280	-0.16
08/14/2021	10:20:02	78790.64	394723.30	39.09	Soil	13,260	1.24
08/14/2021	10:20:03	78790.50	394722.97	39.14	Soil	10,920	-0.42
08/14/2021	10:20:04	78790.28	394722.80	39.14	Soil	12,540	0.73
08/14/2021	10:20:05	78790.24	394722.60	39.20	Soil	12,900	0.99
08/14/2021	10:20:06	78790.05	394722.61	39.23	Soil	12,720	0.86
08/14/2021	10:20:13	78789.03	394721.26	39.30	Soil	14,280	1.97
08/14/2021	10:20:14	78788.82	394721.18	39.33	Soil	12,360	0.61
08/14/2021	10:20:15	78788.74	394721.02	39.36	Soil	11,760	0.18
08/14/2021	10:20:16	78788.46	394721.07	39.30	Soil	11,880	0.27
08/14/2021	10:20:17	78788.31	394720.85	39.34	Soil	11,940	0.31
08/14/2021	10:20:18	78788.09	394720.64	39.34	Soil	12,000	0.35
08/14/2021	10:20:19	78787.89	394720.49	39.30	Soil	13,020	1.07
08/14/2021	10:20:20	78787.84	394720.18	39.41	Soil	13,260	1.24
08/14/2021	10:20:21	78787.63	394720.23	39.37	Soil	12,180	0.48

SU 7D GWS RESULTS
(SOIL)

08/14/2021	10:20:22	78787.31	394719.87	39.37	Soil	12,780	0.90
08/14/2021	10:20:23	78786.97	394719.79	39.37	Soil	11,640	0.10
08/14/2021	10:20:24	78786.52	394719.65	39.41	Soil	12,180	0.48
08/14/2021	10:20:25	78786.19	394719.64	39.25	Soil	11,640	0.10
08/14/2021	10:20:26	78785.87	394719.51	39.37	Soil	12,780	0.90
08/14/2021	10:20:27	78785.39	394719.48	39.35	Soil	13,440	1.37
08/14/2021	10:20:28	78785.07	394719.60	39.28	Soil	13,260	1.24
08/14/2021	10:20:29	78784.73	394719.55	39.24	Soil	11,400	-0.08
08/14/2021	10:20:30	78784.53	394719.72	39.19	Soil	12,480	0.69
08/14/2021	10:20:31	78784.26	394719.70	39.15	Soil	12,420	0.65
08/14/2021	10:20:32	78783.99	394719.74	39.11	Soil	12,360	0.61
08/14/2021	10:20:33	78783.76	394719.92	39.12	Soil	11,940	0.31
08/14/2021	10:20:34	78783.43	394720.15	39.19	Soil	14,640	2.22
08/14/2021	10:20:35	78783.38	394720.51	39.09	Soil	11,880	0.27
08/14/2021	10:20:36	78783.49	394720.55	39.12	Soil	13,380	1.33
08/14/2021	10:20:37	78783.62	394720.52	39.17	Soil	11,220	-0.20
08/14/2021	10:20:38	78783.77	394720.39	39.16	Soil	12,900	0.99
08/14/2021	10:20:39	78783.98	394720.36	39.11	Soil	12,780	0.90
08/14/2021	10:20:40	78784.18	394720.17	39.16	Soil	13,320	1.29
08/14/2021	10:20:41	78784.43	394720.23	39.14	Soil	11,160	-0.25
08/14/2021	10:20:42	78784.70	394720.13	39.22	Soil	11,700	0.14
08/14/2021	10:20:43	78785.06	394720.27	39.22	Soil	13,620	1.50
08/14/2021	10:20:44	78785.25	394720.12	39.26	Soil	12,060	0.39
08/14/2021	10:20:45	78785.55	394720.16	39.25	Soil	12,420	0.65
08/14/2021	10:20:46	78786.04	394719.92	39.36	Soil	12,360	0.61
08/14/2021	10:20:47	78786.21	394719.97	39.32	Soil	12,780	0.90
08/14/2021	10:20:48	78786.24	394720.07	39.33	Soil	12,540	0.73
08/14/2021	10:20:49	78786.38	394719.78	39.51	Soil	12,900	0.99
08/14/2021	10:20:50	78786.82	394719.81	39.56	Soil	11,580	0.05
08/14/2021	10:20:51	78787.16	394719.84	39.61	Soil	11,460	-0.03
08/14/2021	10:20:52	78787.53	394719.94	39.53	Soil	14,340	2.01
08/14/2021	10:20:53	78787.77	394720.14	39.64	Soil	11,820	0.22
08/14/2021	10:20:54	78788.10	394720.27	39.64	Soil	12,060	0.39
08/14/2021	10:20:55	78788.32	394720.52	39.55	Soil	12,960	1.03
08/14/2021	10:20:56	78788.44	394720.64	39.54	Soil	11,700	0.14
08/14/2021	10:20:57	78788.63	394720.78	39.53	Soil	11,760	0.18
08/14/2021	10:20:58	78788.87	394721.00	39.50	Soil	13,980	1.75
08/14/2021	10:20:59	78788.90	394721.29	39.45	Soil	10,800	-0.50
08/14/2021	10:21:06	78789.99	394722.46	39.37	Soil	11,580	0.05
08/14/2021	10:21:07	78790.21	394722.66	39.34	Soil	11,580	0.05
08/14/2021	10:21:08	78790.48	394722.87	39.29	Soil	11,040	-0.33
08/14/2021	10:21:09	78790.55	394723.11	39.28	Soil	12,540	0.73
08/14/2021	10:21:10	78790.78	394723.22	39.26	Soil	11,640	0.10
08/14/2021	10:21:11	78790.90	394723.48	39.18	Soil	13,140	1.16
08/14/2021	10:21:12	78791.12	394723.71	39.19	Soil	11,640	0.10
08/14/2021	10:21:13	78791.15	394723.93	39.13	Soil	11,040	-0.33
08/14/2021	10:21:14	78791.45	394724.15	39.16	Soil	11,460	-0.03
08/14/2021	10:21:15	78791.54	394724.38	39.06	Soil	11,340	-0.12
08/14/2021	10:21:16	78791.73	394724.45	39.06	Soil	13,020	1.07
08/14/2021	10:21:17	78791.81	394724.74	39.00	Soil	11,400	-0.08
08/14/2021	10:21:18	78792.04	394724.90	38.97	Soil	13,260	1.24

SU 7D GWS RESULTS
(SOIL)

08/14/2021	10:21:19	78792.10	394725.13	38.89	Soil	12,480	0.69
08/14/2021	10:21:20	78792.25	394725.37	38.86	Soil	11,700	0.14
08/14/2021	10:21:21	78792.13	394725.47	38.81	Soil	12,300	0.56
08/14/2021	10:21:22	78792.00	394725.68	38.77	Soil	10,980	-0.37
08/14/2021	10:21:23	78791.90	394725.62	38.75	Soil	10,500	-0.71
08/14/2021	10:21:24	78791.79	394725.42	38.70	Soil	12,000	0.35
08/14/2021	10:21:25	78791.42	394725.20	38.57	Soil	11,340	-0.12
08/14/2021	10:21:26	78791.15	394725.00	38.59	Soil	13,080	1.12
08/14/2021	10:21:27	78791.11	394724.76	38.63	Soil	11,880	0.27
08/14/2021	10:21:28	78791.04	394724.50	38.76	Soil	11,400	-0.08
08/14/2021	10:21:29	78791.10	394724.14	38.82	Soil	11,940	0.31
08/14/2021	10:21:30	78790.90	394724.10	38.82	Soil	11,580	0.05
08/14/2021	10:21:31	78790.83	394723.69	38.87	Soil	11,520	0.01
08/14/2021	10:21:32	78790.67	394723.55	38.95	Soil	13,500	1.41
08/14/2021	10:21:33	78790.55	394723.32	38.91	Soil	12,720	0.86
08/14/2021	10:21:34	78790.25	394723.18	38.87	Soil	13,320	1.29
08/14/2021	10:21:35	78790.04	394722.87	38.90	Soil	12,240	0.52
08/14/2021	10:21:45	78787.74	394720.90	39.27	Soil	13,020	1.07
08/14/2021	10:21:46	78787.63	394720.61	39.26	Soil	12,240	0.52
08/14/2021	10:21:47	78787.47	394720.48	39.30	Soil	13,500	1.41
08/14/2021	10:21:48	78787.19	394720.16	39.32	Soil	11,760	0.18
08/14/2021	10:21:49	78786.81	394720.13	39.32	Soil	11,820	0.22
08/14/2021	10:21:50	78786.47	394719.98	39.27	Soil	11,460	-0.03
08/14/2021	10:21:51	78786.16	394719.99	39.22	Soil	13,980	1.75
08/14/2021	10:21:52	78785.88	394719.97	39.21	Soil	13,560	1.46
08/14/2021	10:21:53	78785.75	394720.07	39.12	Soil	11,040	-0.33
08/14/2021	10:21:54	78785.60	394720.22	39.09	Soil	11,760	0.18
08/14/2021	10:21:55	78785.24	394720.18	39.09	Soil	13,980	1.75
08/14/2021	10:21:56	78784.95	394720.33	39.00	Soil	13,440	1.37
08/14/2021	10:21:57	78784.53	394720.30	38.98	Soil	12,840	0.95
08/14/2021	10:21:58	78784.19	394720.49	38.96	Soil	12,420	0.65
08/14/2021	10:21:59	78783.74	394720.51	39.00	Soil	12,420	0.65
08/14/2021	10:22:00	78783.52	394720.70	39.06	Soil	10,500	-0.71
08/14/2021	10:22:01	78783.29	394720.69	39.04	Soil	12,000	0.35
08/14/2021	10:22:02	78783.14	394720.86	39.03	Soil	12,360	0.61
08/14/2021	10:22:03	78783.02	394720.91	39.05	Soil	13,260	1.24
08/14/2021	10:22:04	78782.99	394720.89	39.06	Soil	12,300	0.56
08/14/2021	10:22:05	78782.77	394720.82	39.07	Soil	13,680	1.54
08/14/2021	10:22:06	78782.42	394720.92	38.96	Soil	11,760	0.18
08/14/2021	10:22:07	78782.42	394721.15	38.95	Soil	11,760	0.18
08/14/2021	10:22:08	78782.63	394721.31	38.93	Soil	13,860	1.67
08/14/2021	10:22:09	78782.76	394721.19	38.98	Soil	11,520	0.01
08/14/2021	10:22:10	78782.93	394721.13	39.07	Soil	12,780	0.90
08/14/2021	10:22:11	78783.05	394720.89	39.12	Soil	12,300	0.56
08/14/2021	10:22:12	78783.27	394720.73	39.20	Soil	13,260	1.24
08/14/2021	10:22:13	78783.55	394720.60	39.21	Soil	11,880	0.27
08/14/2021	10:22:14	78783.81	394720.51	39.17	Soil	11,400	-0.08
08/14/2021	10:22:15	78784.09	394720.26	39.19	Soil	12,420	0.65
08/14/2021	10:22:16	78784.49	394720.24	39.21	Soil	12,360	0.61
08/14/2021	10:22:17	78784.71	394720.10	39.30	Soil	13,260	1.24
08/14/2021	10:22:18	78785.01	394720.26	39.30	Soil	14,160	1.88

SU 7D GWS RESULTS
(SOIL)

08/14/2021	10:22:19	78785.13	394720.32	39.31	Soil	13,320	1.29
08/14/2021	10:22:20	78785.38	394720.09	39.40	Soil	12,780	0.90
08/14/2021	10:22:21	78785.57	394720.15	39.36	Soil	13,020	1.07
08/14/2021	10:22:22	78785.92	394720.01	39.40	Soil	13,800	1.63
08/14/2021	10:22:23	78786.40	394719.95	39.43	Soil	12,120	0.44
08/14/2021	10:22:24	78786.74	394720.00	39.55	Soil	13,020	1.07
08/14/2021	10:22:25	78787.03	394720.06	39.54	Soil	12,780	0.90
08/14/2021	10:22:26	78787.29	394720.17	39.62	Soil	12,840	0.95
08/14/2021	10:22:27	78787.55	394720.33	39.57	Soil	10,680	-0.59
08/14/2021	10:22:28	78787.83	394720.46	39.61	Soil	12,720	0.86
08/14/2021	10:22:29	78787.97	394720.66	39.59	Soil	11,040	-0.33
08/14/2021	10:22:30	78788.35	394720.93	39.60	Soil	11,640	0.10
08/14/2021	10:22:47	78790.07	394722.75	39.45	Soil	9,780	-1.22
08/14/2021	10:22:48	78790.36	394722.88	39.39	Soil	11,760	0.18
08/14/2021	10:22:49	78790.45	394723.05	39.45	Soil	12,600	0.78
08/14/2021	10:22:50	78790.69	394723.16	39.43	Soil	12,480	0.69
08/14/2021	10:22:51	78790.85	394723.36	39.38	Soil	11,460	-0.03
08/14/2021	10:22:52	78790.96	394723.58	39.36	Soil	11,100	-0.29
08/14/2021	10:22:53	78791.01	394723.82	39.31	Soil	11,640	0.10
08/14/2021	10:22:54	78791.31	394724.10	39.32	Soil	11,340	-0.12
08/14/2021	10:22:55	78791.53	394724.35	39.26	Soil	11,160	-0.25
08/14/2021	10:22:56	78791.63	394724.59	39.23	Soil	11,580	0.05
08/14/2021	10:22:57	78791.73	394724.80	39.20	Soil	9,840	-1.18
08/14/2021	10:22:58	78791.99	394724.97	39.18	Soil	12,900	0.99
08/14/2021	10:22:59	78792.09	394725.19	39.11	Soil	11,580	0.05
08/14/2021	10:23:00	78792.15	394725.41	39.08	Soil	12,180	0.48
08/14/2021	10:23:01	78792.30	394725.62	39.09	Soil	13,020	1.07
08/14/2021	10:23:02	78792.43	394725.77	39.08	Soil	10,800	-0.50
08/14/2021	10:23:03	78792.33	394725.93	39.03	Soil	11,640	0.10
08/14/2021	10:23:04	78792.22	394725.79	39.02	Soil	12,300	0.56
08/14/2021	10:23:05	78791.97	394725.70	39.02	Soil	12,960	1.03
08/14/2021	10:23:06	78791.85	394725.38	39.04	Soil	13,440	1.37
08/14/2021	10:23:07	78791.68	394725.16	39.02	Soil	10,080	-1.01
08/14/2021	10:23:08	78791.55	394724.95	39.09	Soil	12,720	0.86
08/14/2021	10:23:09	78791.48	394724.70	39.12	Soil	12,960	1.03
08/14/2021	10:23:10	78791.27	394724.59	39.06	Soil	12,360	0.61
08/14/2021	10:23:11	78791.18	394724.37	39.08	Soil	12,060	0.39
08/14/2021	10:23:12	78790.96	394724.15	39.07	Soil	12,480	0.69
08/14/2021	10:23:13	78790.74	394723.89	39.04	Soil	12,780	0.90
08/14/2021	10:23:14	78790.43	394723.64	39.03	Soil	12,720	0.86
08/14/2021	10:23:15	78790.37	394723.46	39.04	Soil	11,040	-0.33
08/14/2021	10:23:16	78790.25	394723.30	39.07	Soil	10,620	-0.63
08/14/2021	10:23:17	78789.95	394723.22	39.09	Soil	12,180	0.48
08/14/2021	10:23:29	78787.52	394720.83	39.16	Soil	13,320	1.29
08/14/2021	10:23:30	78787.03	394720.52	39.19	Soil	11,280	-0.16
08/14/2021	10:23:31	78786.81	394720.42	39.23	Soil	11,280	-0.16
08/14/2021	10:23:32	78786.63	394720.38	39.18	Soil	12,180	0.48
08/14/2021	10:23:33	78786.33	394720.20	39.17	Soil	12,420	0.65
08/14/2021	10:23:34	78786.00	394720.21	39.17	Soil	12,000	0.35
08/14/2021	10:23:35	78785.66	394720.30	39.17	Soil	13,080	1.12
08/14/2021	10:23:36	78785.36	394720.43	39.11	Soil	11,700	0.14

SU 7D GWS RESULTS
(SOIL)

08/14/2021	10:23:37	78785.02	394720.40	39.07	Soil	12,960	1.03
08/14/2021	10:23:38	78784.77	394720.53	38.99	Soil	10,560	-0.67
08/14/2021	10:23:39	78784.47	394720.54	38.99	Soil	10,920	-0.42
08/14/2021	10:23:40	78784.15	394720.68	39.00	Soil	14,040	1.80
08/14/2021	10:23:41	78783.69	394720.76	39.09	Soil	13,020	1.07
08/14/2021	10:23:42	78783.41	394720.92	39.09	Soil	11,880	0.27
08/14/2021	10:23:43	78783.10	394721.04	39.06	Soil	13,560	1.46
08/14/2021	10:23:44	78782.61	394721.14	39.02	Soil	13,320	1.29
08/14/2021	10:23:45	78782.51	394721.25	38.99	Soil	12,900	0.99
08/14/2021	10:23:46	78782.41	394721.41	38.95	Soil	13,320	1.29
08/14/2021	10:23:47	78782.46	394721.26	39.03	Soil	12,600	0.78
08/14/2021	10:23:48	78782.56	394721.27	39.05	Soil	10,680	-0.59
08/14/2021	10:23:49	78782.71	394721.13	39.08	Soil	12,060	0.39
08/14/2021	10:23:50	78782.96	394721.09	39.11	Soil	12,780	0.90
08/14/2021	10:23:51	78783.22	394720.90	39.16	Soil	12,360	0.61
08/14/2021	10:23:52	78783.47	394720.90	39.16	Soil	12,720	0.86
08/14/2021	10:23:53	78783.73	394720.73	39.15	Soil	12,900	0.99
08/14/2021	10:23:54	78784.01	394720.61	39.10	Soil	13,500	1.41
08/14/2021	10:23:55	78784.32	394720.55	39.09	Soil	11,580	0.05
08/14/2021	10:23:56	78784.69	394720.45	39.13	Soil	12,300	0.56
08/14/2021	10:23:57	78785.00	394720.51	39.13	Soil	12,900	0.99
08/14/2021	10:23:58	78785.23	394720.37	39.23	Soil	11,160	-0.25
08/14/2021	10:23:59	78785.55	394720.37	39.24	Soil	14,880	2.39
08/14/2021	10:24:00	78785.92	394720.26	39.29	Soil	13,740	1.58
08/14/2021	10:24:01	78786.31	394720.39	39.22	Soil	10,260	-0.88
08/14/2021	10:24:02	78786.68	394720.44	39.32	Soil	9,420	-1.48
08/14/2021	10:24:03	78786.82	394720.57	39.30	Soil	12,060	0.39
08/14/2021	10:24:04	78787.20	394720.48	39.44	Soil	12,240	0.52
08/14/2021	10:24:05	78787.46	394720.58	39.35	Soil	12,360	0.61
08/14/2021	10:24:06	78787.61	394720.71	39.41	Soil	12,840	0.95
08/14/2021	10:24:07	78787.77	394720.83	39.42	Soil	14,880	2.39
08/14/2021	10:24:08	78787.97	394720.89	39.43	Soil	13,560	1.46
08/14/2021	10:24:09	78787.94	394721.01	39.41	Soil	12,480	0.69
08/14/2021	10:24:19	78790.02	394723.09	39.08	Soil	12,660	0.82
08/14/2021	10:24:20	78790.18	394723.30	39.04	Soil	11,400	-0.08
08/14/2021	10:24:21	78790.33	394723.47	39.03	Soil	12,060	0.39
08/14/2021	10:24:22	78790.49	394723.65	38.98	Soil	10,800	-0.50
08/14/2021	10:24:23	78790.76	394723.93	38.94	Soil	11,220	-0.20
08/14/2021	10:24:24	78791.07	394724.23	38.88	Soil	11,400	-0.08
08/14/2021	10:24:25	78791.13	394724.51	38.86	Soil	12,600	0.78
08/14/2021	10:24:26	78791.36	394724.69	38.91	Soil	12,120	0.44
08/14/2021	10:24:27	78791.65	394724.96	38.78	Soil	11,760	0.18
08/14/2021	10:24:28	78791.65	394725.30	38.81	Soil	11,040	-0.33
08/14/2021	10:24:29	78791.90	394725.54	38.85	Soil	11,280	-0.16
08/14/2021	10:24:30	78792.04	394725.83	38.80	Soil	11,940	0.31
08/14/2021	10:24:31	78792.06	394726.07	38.77	Soil	11,820	0.22
08/14/2021	10:24:32	78792.07	394726.30	38.72	Soil	11,400	-0.08
08/14/2021	10:24:33	78792.02	394726.35	38.71	Soil	10,500	-0.71
08/14/2021	10:24:34	78792.01	394726.33	38.69	Soil	9,720	-1.27
08/14/2021	10:24:35	78792.02	394726.31	38.68	Soil	11,880	0.27
08/14/2021	10:24:36	78792.03	394726.31	38.67	Soil	12,000	0.35

SU 7D GWS RESULTS
(SOIL)

08/14/2021	10:24:37	78792.04	394726.32	38.65	Soil	12,420	0.65
08/14/2021	10:24:38	78792.04	394726.31	38.63	Soil	13,200	1.20
08/14/2021	10:24:39	78792.03	394726.27	38.62	Soil	12,360	0.61
08/14/2021	10:24:40	78792.02	394726.25	38.62	Soil	12,360	0.61
08/14/2021	10:25:13	78792.13	394726.38	38.48	Soil	12,000	0.35
08/14/2021	10:25:14	78792.15	394726.38	38.48	Soil	11,640	0.10
08/14/2021	10:25:15	78792.10	394726.30	38.48	Soil	10,080	-1.01
08/14/2021	10:25:16	78791.96	394726.07	38.51	Soil	11,460	-0.03
08/14/2021	10:25:17	78791.80	394725.74	38.52	Soil	11,280	-0.16
08/14/2021	10:25:18	78791.57	394725.54	38.51	Soil	11,280	-0.16
08/14/2021	10:25:19	78791.38	394725.37	38.53	Soil	11,760	0.18
08/14/2021	10:25:20	78791.15	394725.09	38.53	Soil	12,840	0.95
08/14/2021	10:25:21	78791.00	394724.74	38.56	Soil	13,560	1.46
08/14/2021	10:25:22	78790.79	394724.47	38.58	Soil	9,300	-1.56
08/14/2021	10:25:23	78790.58	394724.17	38.69	Soil	12,180	0.48
08/14/2021	10:25:24	78790.42	394723.95	38.67	Soil	12,540	0.73
08/14/2021	10:25:25	78790.26	394723.63	38.71	Soil	11,040	-0.33
08/14/2021	10:25:26	78790.06	394723.37	38.71	Soil	12,600	0.78
08/14/2021	10:25:27	78789.74	394723.26	38.72	Soil	11,520	0.01
08/14/2021	10:25:36	78787.40	394720.80	38.97	Soil	12,720	0.86
08/14/2021	10:25:37	78787.00	394720.67	38.97	Soil	12,600	0.78
08/14/2021	10:25:38	78786.56	394720.54	38.97	Soil	13,380	1.33
08/14/2021	10:25:39	78786.21	394720.57	38.93	Soil	11,940	0.31
08/14/2021	10:25:40	78785.79	394720.69	38.99	Soil	12,960	1.03
08/14/2021	10:25:41	78785.41	394720.66	38.97	Soil	12,300	0.56
08/14/2021	10:25:42	78785.11	394720.76	38.90	Soil	12,480	0.69
08/14/2021	10:25:43	78784.69	394720.86	38.86	Soil	12,300	0.56
08/14/2021	10:25:44	78784.27	394720.89	38.87	Soil	13,560	1.46
08/14/2021	10:25:45	78783.89	394721.17	38.90	Soil	11,460	-0.03
08/14/2021	10:25:46	78783.56	394721.25	38.97	Soil	12,540	0.73
08/14/2021	10:25:47	78783.26	394721.37	39.00	Soil	12,840	0.95
08/14/2021	10:25:48	78782.87	394721.40	38.98	Soil	11,520	0.01
08/14/2021	10:25:49	78782.63	394721.57	38.91	Soil	11,760	0.18
08/14/2021	10:25:50	78782.39	394721.90	38.77	Soil	12,240	0.52
08/14/2021	10:25:51	78782.62	394721.87	38.82	Soil	14,220	1.92
08/14/2021	10:25:52	78782.99	394721.84	38.87	Soil	13,260	1.24
08/14/2021	10:25:53	78783.26	394721.65	38.94	Soil	11,700	0.14
08/14/2021	10:25:54	78783.46	394721.66	38.92	Soil	11,880	0.27
08/14/2021	10:25:55	78783.67	394721.63	38.95	Soil	12,120	0.44
08/14/2021	10:25:56	78783.91	394721.48	38.98	Soil	10,740	-0.54
08/14/2021	10:25:57	78784.05	394721.17	39.03	Soil	13,920	1.71
08/14/2021	10:25:58	78784.34	394721.02	39.07	Soil	11,220	-0.20
08/14/2021	10:25:59	78784.62	394720.84	39.14	Soil	13,560	1.46
08/14/2021	10:26:00	78784.84	394720.72	39.18	Soil	13,320	1.29
08/14/2021	10:26:01	78785.12	394720.62	39.32	Soil	13,260	1.24
08/14/2021	10:26:02	78785.29	394720.63	39.36	Soil	13,620	1.50
08/14/2021	10:26:03	78785.57	394720.53	39.38	Soil	12,960	1.03
08/14/2021	10:26:04	78785.89	394720.44	39.39	Soil	12,360	0.61
08/14/2021	10:26:05	78786.22	394720.40	39.45	Soil	12,120	0.44
08/14/2021	10:26:06	78786.48	394720.40	39.43	Soil	13,260	1.24
08/14/2021	10:26:07	78786.66	394720.49	39.51	Soil	12,960	1.03

SU 7D GWS RESULTS
(SOIL)

08/14/2021	10:26:08	78786.91	394720.54	39.52	Soil	13,140	1.16
08/14/2021	10:26:09	78787.23	394720.65	39.52	Soil	11,760	0.18
08/14/2021	10:26:10	78787.37	394720.85	39.49	Soil	11,700	0.14
08/14/2021	10:26:11	78787.67	394720.92	39.59	Soil	11,460	-0.03
08/14/2021	10:26:12	78787.92	394721.00	39.59	Soil	11,640	0.10
08/14/2021	10:26:22	78790.08	394723.38	39.33	Soil	12,480	0.69
08/14/2021	10:26:23	78790.25	394723.68	39.24	Soil	11,580	0.05
08/14/2021	10:26:24	78790.46	394723.93	39.23	Soil	12,420	0.65
08/14/2021	10:26:25	78790.59	394724.17	39.12	Soil	12,840	0.95
08/14/2021	10:26:26	78790.72	394724.45	39.12	Soil	12,660	0.82
08/14/2021	10:26:27	78790.94	394724.70	39.09	Soil	12,660	0.82
08/14/2021	10:26:28	78791.07	394724.96	39.04	Soil	13,980	1.75
08/14/2021	10:26:29	78791.35	394725.23	39.05	Soil	12,840	0.95
08/14/2021	10:26:30	78791.43	394725.50	38.98	Soil	12,120	0.44
08/14/2021	10:26:31	78791.69	394725.80	39.06	Soil	12,900	0.99
08/14/2021	10:26:32	78791.79	394726.08	38.95	Soil	11,820	0.22
08/14/2021	10:26:33	78791.80	394726.45	38.91	Soil	10,500	-0.71
08/14/2021	10:26:34	78791.78	394726.53	38.88	Soil	11,520	0.01
08/14/2021	10:26:35	78791.70	394726.38	38.79	Soil	10,920	-0.42
08/14/2021	10:26:36	78791.57	394726.30	38.74	Soil	12,000	0.35
08/14/2021	10:26:37	78791.44	394726.07	38.76	Soil	12,240	0.52
08/14/2021	10:26:38	78791.22	394725.80	38.65	Soil	12,300	0.56
08/14/2021	10:26:39	78791.03	394725.59	38.71	Soil	12,300	0.56
08/14/2021	10:26:40	78790.93	394725.41	38.71	Soil	12,480	0.69
08/14/2021	10:26:41	78790.89	394725.12	38.80	Soil	12,360	0.61
08/14/2021	10:26:42	78790.77	394724.77	38.77	Soil	12,900	0.99
08/14/2021	10:26:43	78790.60	394724.61	38.85	Soil	10,860	-0.46
08/14/2021	10:26:44	78790.50	394724.38	38.88	Soil	11,820	0.22
08/14/2021	10:26:45	78790.35	394724.11	38.84	Soil	12,300	0.56
08/14/2021	10:26:46	78790.25	394724.11	38.88	Soil	12,420	0.65
08/14/2021	10:26:47	78790.24	394724.00	38.93	Soil	9,960	-1.10
08/14/2021	10:26:48	78790.03	394723.87	39.00	Soil	13,800	1.63
08/14/2021	10:26:49	78789.89	394723.78	39.01	Soil	13,020	1.07
08/14/2021	10:26:50	78789.86	394723.51	39.04	Soil	12,360	0.61
08/14/2021	10:27:53	78787.29	394721.05	39.33	Soil	12,960	1.03
08/14/2021	10:27:54	78786.83	394720.75	39.28	Soil	12,780	0.90
08/14/2021	10:27:55	78786.29	394720.69	39.21	Soil	11,100	-0.29
08/14/2021	10:27:56	78785.84	394720.67	39.23	Soil	11,460	-0.03
08/14/2021	10:27:57	78785.43	394720.81	39.08	Soil	10,380	-0.80
08/14/2021	10:27:58	78784.99	394720.86	39.08	Soil	13,020	1.07
08/14/2021	10:27:59	78784.57	394720.94	39.06	Soil	13,140	1.16
08/14/2021	10:28:00	78784.02	394721.24	39.07	Soil	11,640	0.10
08/14/2021	10:28:01	78783.53	394721.45	39.05	Soil	13,440	1.35
08/14/2021	10:28:02	78783.15	394721.68	39.05	Soil	12,420	0.64
08/14/2021	10:28:03	78782.74	394721.76	39.05	Soil	13,080	1.10
08/14/2021	10:28:04	78782.23	394721.88	38.94	Soil	11,820	0.22
08/14/2021	10:28:05	78781.94	394722.11	38.91	Soil	11,880	0.26
08/14/2021	10:28:06	78781.86	394722.27	38.96	Soil	10,620	-0.62
08/14/2021	10:28:07	78782.02	394722.11	38.96	Soil	12,660	0.81
08/14/2021	10:28:08	78782.34	394721.99	38.96	Soil	11,520	0.01
08/14/2021	10:28:09	78782.65	394721.90	39.05	Soil	12,060	0.39

SU 7D GWS RESULTS
(SOIL)

08/14/2021	10:28:10	78782.96	394721.77	39.07	Soil	13,140	1.14
08/14/2021	10:28:11	78783.28	394721.60	39.12	Soil	11,940	0.30
08/14/2021	10:28:12	78783.54	394721.58	39.09	Soil	12,360	0.60
08/14/2021	10:28:13	78783.85	394721.43	39.09	Soil	12,960	1.02
08/14/2021	10:28:14	78784.19	394721.27	39.03	Soil	14,280	1.94
08/14/2021	10:28:15	78784.46	394721.19	39.07	Soil	11,340	-0.12
08/14/2021	10:28:16	78784.86	394721.14	39.07	Soil	12,900	0.98
08/14/2021	10:28:17	78785.25	394721.10	39.12	Soil	9,960	-1.09
08/14/2021	10:28:18	78785.62	394720.93	39.21	Soil	13,080	1.10
08/14/2021	10:28:19	78785.88	394720.93	39.23	Soil	11,520	0.01
08/14/2021	10:28:20	78786.14	394720.81	39.27	Soil	13,860	1.65
08/14/2021	10:28:21	78786.47	394720.71	39.35	Soil	12,060	0.39
08/14/2021	10:28:22	78786.79	394720.70	39.33	Soil	12,060	0.39
08/14/2021	10:28:23	78787.10	394720.76	39.47	Soil	12,840	0.93
08/14/2021	10:28:24	78787.48	394720.92	39.50	Soil	12,600	0.76
08/14/2021	10:28:33	78789.59	394723.50	39.11	Soil	13,080	1.10
08/14/2021	10:28:34	78789.87	394723.69	39.01	Soil	12,480	0.68
08/14/2021	10:28:35	78790.02	394723.98	39.07	Soil	11,880	0.26
08/14/2021	10:28:36	78790.29	394724.19	39.08	Soil	12,540	0.72
08/14/2021	10:28:37	78790.37	394724.42	39.01	Soil	12,900	0.98
08/14/2021	10:28:38	78790.54	394724.69	38.99	Soil	13,020	1.06
08/14/2021	10:28:39	78790.73	394725.01	38.93	Soil	12,720	0.85
08/14/2021	10:28:40	78790.90	394725.23	38.97	Soil	11,820	0.22
08/14/2021	10:28:41	78790.90	394725.49	38.87	Soil	13,020	1.06
08/14/2021	10:28:42	78791.01	394725.88	38.79	Soil	12,720	0.85
08/14/2021	10:28:43	78791.22	394726.22	38.68	Soil	10,440	-0.75
08/14/2021	10:28:44	78791.28	394726.52	38.66	Soil	12,000	0.34
08/14/2021	10:28:45	78791.32	394726.80	38.61	Soil	14,340	1.99
08/14/2021	10:28:46	78791.24	394727.00	38.47	Soil	12,000	0.34
08/14/2021	10:28:47	78791.19	394727.01	38.45	Soil	10,920	-0.41
08/14/2021	10:28:48	78791.29	394726.93	38.48	Soil	12,480	0.68
08/14/2021	10:28:49	78791.20	394726.85	38.54	Soil	13,800	1.61
08/14/2021	10:28:50	78791.13	394726.70	38.54	Soil	13,980	1.73
08/14/2021	10:28:51	78791.08	394726.37	38.61	Soil	10,980	-0.37
08/14/2021	10:28:52	78790.97	394726.06	38.61	Soil	11,580	0.05
08/14/2021	10:28:53	78790.88	394725.72	38.71	Soil	10,920	-0.41
08/14/2021	10:28:54	78790.70	394725.45	38.70	Soil	12,840	0.93
08/14/2021	10:28:55	78790.49	394725.10	38.65	Soil	12,000	0.34
08/14/2021	10:28:56	78790.27	394724.86	38.65	Soil	12,180	0.47
08/14/2021	10:28:57	78790.11	394724.79	38.61	Soil	11,640	0.09
08/14/2021	10:28:58	78790.01	394724.55	38.73	Soil	11,160	-0.25
08/14/2021	10:28:59	78789.82	394724.45	38.67	Soil	11,520	0.01
08/14/2021	10:29:00	78789.67	394724.23	38.62	Soil	13,200	1.19
08/14/2021	10:29:01	78789.45	394723.91	38.72	Soil	10,860	-0.46
08/14/2021	10:29:02	78789.39	394723.54	38.77	Soil	12,540	0.72
08/14/2021	10:29:13	78787.28	394721.34	39.03	Soil	9,840	-1.17
08/14/2021	10:29:14	78787.01	394721.24	39.01	Soil	11,520	0.01
08/14/2021	10:29:15	78786.72	394721.09	38.99	Soil	12,840	0.93
08/14/2021	10:29:16	78786.40	394721.08	38.96	Soil	12,540	0.72
08/14/2021	10:29:17	78786.11	394721.16	38.93	Soil	12,120	0.43
08/14/2021	10:29:18	78785.99	394721.25	38.89	Soil	12,180	0.47

SU 7D GWS RESULTS
(SOIL)

08/14/2021	10:29:19	78785.83	394721.26	38.86	Soil	14,100	1.82
08/14/2021	10:29:20	78785.65	394721.34	38.79	Soil	12,000	0.34
08/14/2021	10:29:21	78785.38	394721.29	38.75	Soil	10,980	-0.37
08/14/2021	10:29:22	78785.12	394721.20	38.81	Soil	12,600	0.76
08/14/2021	10:29:23	78785.00	394721.27	38.82	Soil	12,000	0.34
08/14/2021	10:29:24	78784.73	394721.31	38.82	Soil	12,240	0.51
08/14/2021	10:29:25	78784.44	394721.46	38.82	Soil	12,480	0.68
08/14/2021	10:29:26	78784.09	394721.69	38.81	Soil	11,520	0.01
08/14/2021	10:29:27	78783.76	394721.84	38.77	Soil	12,480	0.68
08/14/2021	10:29:28	78783.55	394721.98	38.76	Soil	12,480	0.68
08/14/2021	10:29:29	78783.34	394722.06	38.75	Soil	13,140	1.14
08/14/2021	10:29:30	78783.07	394722.11	38.75	Soil	12,840	0.93
08/14/2021	10:29:31	78782.69	394722.24	38.65	Soil	13,020	1.06
08/14/2021	10:29:32	78782.38	394722.44	38.64	Soil	12,840	0.93
08/14/2021	10:29:33	78782.16	394722.70	38.58	Soil	13,320	1.27
08/14/2021	10:29:34	78782.08	394722.80	38.59	Soil	11,700	0.13
08/14/2021	10:29:35	78782.09	394722.79	38.59	Soil	13,200	1.19
08/14/2021	10:29:36	78782.06	394722.83	38.57	Soil	13,260	1.23
08/14/2021	10:30:40	78782.39	394722.73	37.94	Soil	14,040	1.78
08/14/2021	10:30:41	78782.40	394722.71	38.49	Soil	12,660	0.81
08/14/2021	10:30:42	78782.26	394722.72	38.68	Soil	12,660	0.81
08/14/2021	10:30:43	78782.39	394722.55	38.74	Soil	12,060	0.39
08/14/2021	10:30:44	78782.76	394722.46	38.72	Soil	13,800	1.61
08/14/2021	10:30:45	78783.06	394722.38	38.79	Soil	14,700	2.24
08/14/2021	10:30:46	78783.32	394722.33	38.77	Soil	11,880	0.26
08/14/2021	10:30:47	78783.55	394722.23	38.78	Soil	12,300	0.55
08/14/2021	10:30:48	78783.82	394722.24	38.68	Soil	11,700	0.13
08/14/2021	10:30:49	78784.16	394722.20	38.68	Soil	12,780	0.89
08/14/2021	10:30:50	78784.54	394721.99	38.69	Soil	10,860	-0.46
08/14/2021	10:30:51	78784.79	394721.88	38.73	Soil	11,940	0.30
08/14/2021	10:30:52	78784.94	394721.79	38.72	Soil	15,780	3.00
08/14/2021	10:30:53	78785.09	394721.55	38.85	Soil	13,980	1.73
08/14/2021	10:30:54	78785.39	394721.51	38.84	Soil	12,900	0.98
08/14/2021	10:30:55	78785.76	394721.47	38.88	Soil	13,020	1.06
08/14/2021	10:30:56	78786.07	394721.44	38.87	Soil	12,720	0.85
08/14/2021	10:30:57	78786.39	394721.50	38.86	Soil	13,680	1.52
08/14/2021	10:30:58	78786.77	394721.56	38.85	Soil	11,760	0.18
08/14/2021	10:30:59	78787.20	394721.67	38.97	Soil	12,780	0.89
08/14/2021	10:31:07	78789.36	394723.59	38.69	Soil	13,680	1.52
08/14/2021	10:31:08	78789.68	394723.86	38.65	Soil	12,360	0.60
08/14/2021	10:31:09	78790.07	394724.17	38.52	Soil	12,300	0.55
08/14/2021	10:31:10	78790.39	394724.50	38.60	Soil	11,700	0.13
08/14/2021	10:31:11	78790.57	394724.71	38.62	Soil	14,100	1.82
08/14/2021	10:31:12	78790.56	394724.78	38.63	Soil	11,460	-0.04
08/14/2021	10:31:13	78790.46	394724.76	38.58	Soil	11,640	0.09
08/14/2021	10:31:14	78790.36	394724.68	38.56	Soil	12,300	0.55
08/14/2021	10:31:15	78790.13	394724.63	38.51	Soil	12,660	0.81
08/14/2021	10:31:16	78789.90	394724.48	38.49	Soil	10,200	-0.92
08/14/2021	10:31:17	78789.89	394724.29	38.55	Soil	12,960	1.02
08/14/2021	10:31:18	78789.94	394724.45	38.49	Soil	12,720	0.85
08/14/2021	10:31:19	78790.30	394724.72	38.51	Soil	13,800	1.61

SU 7D GWS RESULTS
(SOIL)

08/14/2021	10:31:20	78790.63	394724.94	38.53	Soil	12,120	0.43
08/14/2021	10:31:21	78790.92	394725.17	38.62	Soil	11,700	0.13
08/14/2021	10:31:22	78791.20	394725.42	38.56	Soil	11,760	0.18
08/14/2021	10:31:23	78791.30	394725.71	38.49	Soil	13,140	1.14
08/14/2021	10:31:24	78791.42	394725.97	38.44	Soil	11,580	0.05
08/14/2021	10:31:25	78791.47	394726.20	38.38	Soil	12,240	0.51
08/14/2021	10:31:26	78791.51	394726.54	38.32	Soil	13,380	1.31
08/14/2021	10:31:27	78791.46	394726.84	38.20	Soil	11,460	-0.04
08/14/2021	10:31:28	78791.42	394727.07	38.20	Soil	11,100	-0.29
08/14/2021	10:31:29	78791.47	394727.11	38.19	Soil	11,520	0.01
08/14/2021	10:31:30	78791.43	394726.90	38.21	Soil	10,620	-0.62
08/14/2021	10:31:31	78791.32	394726.74	38.23	Soil	10,260	-0.88
08/14/2021	10:31:32	78791.23	394726.64	38.23	Soil	11,820	0.22
08/14/2021	10:31:33	78791.24	394726.45	38.27	Soil	11,340	-0.12
08/14/2021	10:31:34	78791.14	394726.31	38.24	Soil	10,740	-0.54
08/14/2021	10:31:35	78791.00	394726.26	38.24	Soil	11,760	0.18
08/14/2021	10:31:36	78790.95	394726.16	38.24	Soil	13,020	1.06
08/14/2021	10:31:37	78790.92	394725.89	38.34	Soil	12,540	0.72
08/14/2021	10:31:38	78790.75	394725.80	38.24	Soil	11,340	-0.12
08/14/2021	10:31:39	78790.60	394725.85	38.26	Soil	11,400	-0.08
08/14/2021	10:31:40	78790.67	394725.62	38.31	Soil	12,840	0.93
08/14/2021	10:31:41	78790.58	394725.35	38.37	Soil	12,840	0.93
08/14/2021	10:31:42	78790.41	394725.31	38.39	Soil	11,940	0.30
08/14/2021	10:31:43	78790.37	394725.22	38.36	Soil	12,000	0.34
08/14/2021	10:31:44	78790.40	394725.02	38.36	Soil	13,260	1.23
08/14/2021	10:31:45	78790.23	394724.89	38.34	Soil	12,960	1.02
08/14/2021	10:31:46	78790.01	394724.88	38.31	Soil	11,640	0.09
08/14/2021	10:31:47	78789.97	394724.87	38.31	Soil	11,460	-0.04
08/14/2021	10:31:48	78789.97	394724.66	38.35	Soil	12,900	0.98
08/14/2021	10:31:49	78789.84	394724.53	38.30	Soil	13,500	1.40
08/14/2021	10:31:50	78789.70	394724.50	38.30	Soil	13,680	1.52
08/14/2021	10:31:51	78789.75	394724.28	38.40	Soil	13,080	1.10
08/14/2021	10:31:52	78789.61	394724.03	38.42	Soil	13,320	1.27
08/14/2021	10:31:53	78789.44	394723.77	38.48	Soil	11,160	-0.25
08/14/2021	10:31:54	78789.27	394723.65	38.53	Soil	13,680	1.52
08/14/2021	10:31:55	78789.09	394723.63	38.55	Soil	11,700	0.13
08/14/2021	10:32:05	78787.18	394721.79	38.68	Soil	11,940	0.30
08/14/2021	10:32:06	78786.80	394721.67	38.67	Soil	12,060	0.39
08/14/2021	10:32:07	78786.43	394721.48	38.68	Soil	12,180	0.47
08/14/2021	10:32:08	78786.01	394721.52	38.64	Soil	11,700	0.13
08/14/2021	10:32:09	78785.52	394721.56	38.64	Soil	12,900	0.98
08/14/2021	10:32:10	78785.21	394721.65	38.57	Soil	12,420	0.64
08/14/2021	10:32:11	78784.92	394721.83	38.51	Soil	14,280	1.94
08/14/2021	10:32:12	78784.61	394721.93	38.51	Soil	11,100	-0.29
08/14/2021	10:32:13	78784.27	394722.11	38.45	Soil	11,940	0.30
08/14/2021	10:32:14	78783.83	394722.19	38.51	Soil	13,800	1.61
08/14/2021	10:32:15	78783.59	394722.38	38.51	Soil	11,880	0.26
08/14/2021	10:32:16	78783.35	394722.49	38.49	Soil	11,400	-0.08
08/14/2021	10:32:17	78782.95	394722.50	38.50	Soil	12,780	0.89
08/14/2021	10:32:18	78782.54	394722.60	38.44	Soil	12,300	0.55
08/14/2021	10:32:19	78782.12	394722.77	38.43	Soil	13,740	1.56

SU 7D GWS RESULTS
(SOIL)

08/14/2021	10:32:20	78781.99	394722.96	38.44	Soil	13,080	1.10
08/14/2021	10:32:21	78781.96	394723.12	38.44	Soil	14,940	2.41
08/14/2021	10:32:22	78781.92	394723.26	38.42	Soil	10,860	-0.46
08/14/2021	10:32:23	78781.96	394723.26	38.43	Soil	13,140	1.14
08/14/2021	10:32:24	78781.99	394723.24	38.44	Soil	12,000	0.34
08/14/2021	10:32:25	78782.00	394723.27	38.45	Soil	13,140	1.14
08/14/2021	10:32:26	78782.01	394723.28	38.46	Soil	12,960	1.02
08/14/2021	10:32:27	78782.02	394723.29	38.47	Soil	12,300	0.55
08/14/2021	10:32:28	78782.03	394723.30	38.47	Soil	11,520	0.01
08/14/2021	10:32:29	78782.03	394723.30	38.48	Soil	12,840	0.93
08/14/2021	10:32:30	78782.02	394723.31	38.48	Soil	11,760	0.18
08/14/2021	10:32:31	78782.03	394723.32	38.48	Soil	12,900	0.98
08/14/2021	10:32:32	78782.04	394723.32	38.49	Soil	11,580	0.05
08/14/2021	10:33:00	78782.03	394723.38	38.48	Soil	12,660	0.81
08/14/2021	10:33:01	78782.03	394723.34	38.48	Soil	12,240	0.51
08/14/2021	10:33:02	78782.17	394723.17	38.46	Soil	12,240	0.51
08/14/2021	10:33:03	78782.51	394722.94	38.44	Soil	13,140	1.14
08/14/2021	10:33:04	78782.81	394722.82	38.52	Soil	14,640	2.20
08/14/2021	10:33:05	78783.05	394722.68	38.50	Soil	12,540	0.72
08/14/2021	10:33:06	78783.32	394722.64	38.50	Soil	12,060	0.39
08/14/2021	10:33:07	78783.56	394722.54	38.53	Soil	13,440	1.35
08/14/2021	10:33:08	78783.84	394722.47	38.49	Soil	12,180	0.47
08/14/2021	10:33:09	78784.24	394722.38	38.49	Soil	13,560	1.44
08/14/2021	10:33:10	78784.63	394722.25	38.47	Soil	12,600	0.76
08/14/2021	10:33:11	78784.96	394722.16	38.52	Soil	12,060	0.39
08/14/2021	10:33:12	78785.35	394722.04	38.47	Soil	12,540	0.72
08/14/2021	10:33:13	78785.71	394722.02	38.56	Soil	12,840	0.93
08/14/2021	10:33:14	78785.99	394722.02	38.46	Soil	12,720	0.85
08/14/2021	10:33:15	78786.30	394722.01	38.52	Soil	13,680	1.52
08/14/2021	10:33:16	78786.65	394721.90	38.53	Soil	12,840	0.93
08/14/2021	10:33:17	78786.92	394721.93	38.57	Soil	12,060	0.39
08/14/2021	10:33:18	78787.19	394721.92	38.71	Soil	12,360	0.60
08/14/2021	10:33:27	78788.98	394723.50	38.51	Soil	11,880	0.26
08/14/2021	10:33:28	78789.14	394723.66	38.46	Soil	12,360	0.60
08/14/2021	10:33:29	78789.22	394723.80	38.44	Soil	13,020	1.06
08/14/2021	10:33:30	78789.33	394724.00	38.33	Soil	11,460	-0.04
08/14/2021	10:33:31	78789.54	394724.25	38.31	Soil	12,120	0.43
08/14/2021	10:33:32	78789.66	394724.43	38.27	Soil	11,640	0.09
08/14/2021	10:33:33	78789.77	394724.65	38.23	Soil	11,340	-0.12
08/14/2021	10:33:34	78789.97	394724.92	38.12	Soil	11,100	-0.29
08/14/2021	10:33:35	78790.24	394725.10	38.15	Soil	10,980	-0.37
08/14/2021	10:33:36	78790.40	394725.31	38.12	Soil	14,160	1.86
08/14/2021	10:33:37	78790.46	394725.50	38.14	Soil	12,840	0.93
08/14/2021	10:33:38	78790.59	394725.65	38.11	Soil	12,360	0.60
08/14/2021	10:33:39	78790.61	394725.83	38.07	Soil	12,780	0.89
08/14/2021	10:33:40	78790.87	394725.94	38.08	Soil	12,000	0.34
08/14/2021	10:33:41	78791.04	394726.18	38.01	Soil	11,220	-0.20
08/14/2021	10:33:42	78791.11	394726.52	38.03	Soil	11,340	-0.12
08/14/2021	10:33:43	78791.25	394726.73	37.98	Soil	12,000	0.34
08/14/2021	10:33:44	78791.36	394726.96	37.97	Soil	12,600	0.76
08/14/2021	10:33:45	78791.47	394727.25	37.92	Soil	10,500	-0.71

SU 7D GWS RESULTS
(SOIL)

08/14/2021	10:33:46	78791.42	394727.40	37.95	Soil	10,980	-0.37
08/14/2021	10:33:47	78791.41	394727.26	37.99	Soil	10,380	-0.79
08/14/2021	10:33:48	78791.21	394726.96	38.02	Soil	11,520	0.01
08/14/2021	10:33:49	78791.00	394726.64	38.05	Soil	12,900	0.98
08/14/2021	10:33:50	78790.82	394726.37	37.96	Soil	11,700	0.13
08/14/2021	10:33:51	78790.62	394726.12	38.02	Soil	13,320	1.27
08/14/2021	10:33:52	78790.39	394725.80	37.96	Soil	11,760	0.18
08/14/2021	10:33:53	78790.27	394725.52	38.08	Soil	11,940	0.30
08/14/2021	10:33:54	78790.15	394725.30	38.05	Soil	10,980	-0.37
08/14/2021	10:33:55	78789.97	394725.07	38.12	Soil	11,520	0.01
08/14/2021	10:33:56	78789.84	394724.81	38.13	Soil	11,640	0.09
08/14/2021	10:33:57	78789.62	394724.61	38.19	Soil	11,640	0.09
08/14/2021	10:33:58	78789.40	394724.37	38.20	Soil	13,380	1.31
08/14/2021	10:33:59	78789.18	394724.25	38.22	Soil	12,660	0.81
08/14/2021	10:34:00	78789.17	394724.21	38.22	Soil	12,480	0.68
08/14/2021	10:34:01	78789.19	394724.23	38.21	Soil	12,180	0.47
08/14/2021	10:34:02	78789.21	394724.24	38.21	Soil	11,520	0.01
08/14/2021	10:34:03	78789.28	394724.18	38.19	Soil	12,900	0.98
08/14/2021	10:34:04	78789.28	394724.12	38.19	Soil	11,580	0.05
08/14/2021	10:34:05	78789.21	394724.16	38.22	Soil	12,300	0.55
08/14/2021	10:34:06	78789.16	394724.21	38.22	Soil	11,640	0.09
08/14/2021	10:34:07	78789.14	394724.23	38.21	Soil	13,260	1.23
08/14/2021	10:34:08	78789.14	394724.24	38.23	Soil	12,840	0.93
08/14/2021	10:34:09	78789.17	394724.24	38.23	Soil	10,860	-0.46
08/14/2021	10:34:10	78789.17	394724.28	38.21	Soil	14,280	1.94
08/14/2021	10:34:11	78789.13	394724.11	38.25	Soil	12,420	0.64
08/14/2021	10:34:12	78789.01	394723.86	38.31	Soil	13,440	1.35
08/14/2021	10:34:13	78788.80	394723.63	38.32	Soil	11,460	-0.04
08/14/2021	10:34:14	78788.50	394723.27	38.41	Soil	14,040	1.78
08/14/2021	10:34:18	78787.25	394722.20	38.07	Soil	11,880	0.26
08/14/2021	10:34:19	78787.05	394722.10	38.18	Soil	12,960	1.02
08/14/2021	10:34:20	78786.70	394722.12	38.44	Soil	10,800	-0.50
08/14/2021	10:34:21	78786.44	394721.90	38.50	Soil	11,460	-0.04
08/14/2021	10:34:22	78786.46	394721.86	38.53	Soil	12,840	0.93
08/14/2021	10:34:23	78786.47	394721.89	38.53	Soil	13,980	1.73
08/14/2021	10:34:24	78786.37	394721.82	38.57	Soil	11,580	0.05
08/14/2021	10:34:25	78786.43	394721.81	38.56	Soil	13,140	1.14
08/14/2021	10:34:26	78786.46	394721.77	38.57	Soil	12,960	1.02
08/14/2021	10:34:27	78786.39	394721.85	38.52	Soil	12,060	0.39
08/14/2021	10:34:28	78786.14	394721.91	38.53	Soil	12,540	0.72
08/14/2021	10:34:29	78785.86	394721.84	38.52	Soil	12,360	0.60
08/14/2021	10:34:30	78785.59	394721.95	38.46	Soil	13,500	1.40
08/14/2021	10:34:31	78785.21	394722.24	38.44	Soil	14,820	2.32
08/14/2021	10:34:32	78784.87	394722.30	38.45	Soil	13,860	1.65
08/14/2021	10:34:33	78784.61	394722.37	38.43	Soil	12,960	1.02
08/14/2021	10:34:34	78784.30	394722.48	38.45	Soil	12,180	0.47
08/14/2021	10:34:35	78783.90	394722.57	38.44	Soil	11,640	0.09
08/14/2021	10:34:36	78783.53	394722.68	38.49	Soil	11,940	0.30
08/14/2021	10:34:37	78783.20	394722.73	38.50	Soil	12,720	0.85
08/14/2021	10:34:38	78782.95	394722.86	38.47	Soil	12,780	0.89
08/14/2021	10:34:39	78782.62	394722.97	38.45	Soil	13,920	1.69

SU 7D GWS RESULTS
(SOIL)

08/14/2021	10:34:40	78782.33	394723.15	38.51	Soil	14,280	1.94
08/14/2021	10:34:41	78782.13	394723.42	38.48	Soil	14,940	2.41
08/14/2021	10:34:42	78782.16	394723.46	38.52	Soil	12,660	0.81
08/14/2021	10:34:43	78782.37	394723.25	38.49	Soil	12,300	0.55
08/14/2021	10:34:44	78782.57	394723.19	38.49	Soil	11,340	-0.12
08/14/2021	10:34:45	78782.79	394723.13	38.47	Soil	12,000	0.34
08/14/2021	10:34:46	78783.04	394722.90	38.54	Soil	11,580	0.05
08/14/2021	10:34:47	78783.29	394722.82	38.54	Soil	11,040	-0.33
08/14/2021	10:34:48	78783.57	394722.74	38.57	Soil	13,980	1.73
08/14/2021	10:34:49	78783.86	394722.62	38.53	Soil	12,300	0.55
08/14/2021	10:34:50	78784.12	394722.60	38.53	Soil	12,000	0.34
08/14/2021	10:34:51	78784.40	394722.48	38.51	Soil	10,980	-0.37
08/14/2021	10:34:52	78784.62	394722.46	38.51	Soil	12,660	0.81
08/14/2021	10:34:53	78784.86	394722.47	38.49	Soil	13,260	1.23
08/14/2021	10:34:54	78785.17	394722.42	38.48	Soil	11,880	0.26
08/14/2021	10:34:55	78785.54	394722.37	38.49	Soil	13,320	1.27
08/14/2021	10:34:56	78786.06	394722.46	38.46	Soil	13,980	1.73
08/14/2021	10:34:57	78786.43	394722.54	38.44	Soil	11,760	0.18
08/14/2021	10:34:58	78786.72	394722.64	38.37	Soil	11,580	0.05
08/14/2021	10:34:59	78787.19	394722.66	38.65	Soil	10,680	-0.58
08/14/2021	10:35:00	78787.51	394722.66	38.68	Soil	13,320	1.27
08/14/2021	10:35:01	78787.41	394722.81	38.69	Soil	11,700	0.13
08/14/2021	10:35:02	78787.46	394722.76	38.71	Soil	11,220	-0.20
08/14/2021	10:35:08	78787.71	394722.67	38.71	Soil	10,140	-0.96
08/14/2021	10:35:09	78787.83	394722.91	38.75	Soil	12,360	0.60
08/14/2021	10:35:10	78788.02	394723.07	38.69	Soil	13,440	1.35
08/14/2021	10:35:11	78788.13	394723.26	38.71	Soil	13,680	1.52
08/14/2021	10:35:12	78788.34	394723.38	38.61	Soil	12,300	0.55
08/14/2021	10:35:13	78788.45	394723.55	38.62	Soil	12,240	0.51
08/14/2021	10:35:14	78788.66	394723.68	38.57	Soil	11,700	0.13
08/14/2021	10:35:15	78788.83	394723.90	38.53	Soil	12,900	0.98
08/14/2021	10:35:16	78789.07	394724.12	38.51	Soil	11,340	-0.12
08/14/2021	10:35:17	78789.28	394724.36	38.46	Soil	12,540	0.72
08/14/2021	10:35:18	78789.45	394724.58	38.43	Soil	13,440	1.35
08/14/2021	10:35:19	78789.57	394724.74	38.37	Soil	11,820	0.22
08/14/2021	10:35:20	78789.65	394724.88	38.38	Soil	11,820	0.22
08/14/2021	10:35:21	78789.82	394725.06	38.31	Soil	14,160	1.86
08/14/2021	10:35:22	78789.96	394725.32	38.38	Soil	12,600	0.76
08/14/2021	10:35:23	78790.19	394725.53	38.31	Soil	11,280	-0.16
08/14/2021	10:35:24	78790.35	394725.76	38.34	Soil	12,540	0.72
08/14/2021	10:35:25	78790.66	394726.01	38.25	Soil	12,060	0.39
08/14/2021	10:35:26	78790.85	394726.31	38.29	Soil	12,180	0.47
08/14/2021	10:35:27	78790.99	394726.65	38.29	Soil	12,000	0.34
08/14/2021	10:35:28	78791.09	394726.89	38.24	Soil	11,340	-0.12
08/14/2021	10:35:29	78791.02	394727.13	38.18	Soil	12,000	0.34
08/14/2021	10:35:30	78791.04	394727.29	38.13	Soil	13,260	1.23
08/14/2021	10:35:31	78791.00	394727.32	38.12	Soil	11,100	-0.29
08/14/2021	10:35:32	78790.96	394727.34	38.12	Soil	13,500	1.40
08/14/2021	10:35:33	78790.85	394727.16	38.05	Soil	12,480	0.68
08/14/2021	10:35:34	78790.61	394726.83	37.96	Soil	13,140	1.14
08/14/2021	10:35:35	78790.38	394726.49	38.06	Soil	9,540	-1.38

SU 7D GWS RESULTS
(SOIL)

08/14/2021	10:35:36	78790.21	394726.27	38.05	Soil	11,040	-0.33
08/14/2021	10:35:37	78790.18	394726.18	38.05	Soil	11,940	0.30
08/14/2021	10:35:38	78790.20	394725.97	38.15	Soil	12,000	0.34
08/14/2021	10:35:39	78790.11	394725.69	38.23	Soil	11,400	-0.08
08/14/2021	10:35:40	78789.95	394725.50	38.19	Soil	12,000	0.34
08/14/2021	10:35:41	78789.73	394725.28	38.15	Soil	11,280	-0.16
08/14/2021	10:35:42	78789.52	394725.13	38.19	Soil	12,480	0.68
08/14/2021	10:35:43	78789.37	394724.85	38.19	Soil	12,300	0.55
08/14/2021	10:35:44	78789.19	394724.70	38.15	Soil	11,280	-0.16
08/14/2021	10:35:45	78789.07	394724.45	38.30	Soil	12,540	0.72
08/14/2021	10:35:46	78788.96	394724.32	38.24	Soil	11,580	0.05
08/14/2021	10:35:47	78788.78	394724.13	38.27	Soil	10,200	-0.92
08/14/2021	10:35:48	78788.51	394723.74	38.33	Soil	13,920	1.69
08/14/2021	10:35:49	78788.27	394723.57	38.42	Soil	12,660	0.81
08/14/2021	10:35:50	78788.13	394723.44	38.41	Soil	11,760	0.18
08/14/2021	10:35:51	78787.95	394723.50	38.40	Soil	13,680	1.52
08/14/2021	10:35:52	78787.87	394723.21	38.47	Soil	11,520	0.01
08/14/2021	10:35:53	78787.71	394722.91	38.55	Soil	11,460	-0.04
08/14/2021	10:35:54	78787.60	394722.92	38.53	Soil	11,880	0.26
08/14/2021	10:35:55	78787.47	394722.72	38.56	Soil	12,180	0.47
08/14/2021	10:35:56	78787.12	394722.58	38.34	Soil	13,680	1.52
08/14/2021	10:35:57	78786.78	394722.54	38.35	Soil	10,500	-0.71
08/14/2021	10:35:58	78786.46	394722.58	38.34	Soil	15,000	2.45
08/14/2021	10:35:59	78786.14	394722.69	38.33	Soil	12,180	0.47
08/14/2021	10:36:00	78785.87	394722.65	38.24	Soil	12,780	0.89
08/14/2021	10:36:01	78785.70	394722.71	38.26	Soil	13,080	1.10
08/14/2021	10:36:02	78785.52	394722.67	38.29	Soil	11,280	-0.16
08/14/2021	10:36:03	78785.31	394722.59	38.34	Soil	13,140	1.14
08/14/2021	10:36:04	78785.02	394722.57	38.35	Soil	12,420	0.64
08/14/2021	10:36:05	78784.63	394722.64	38.40	Soil	13,020	1.06
08/14/2021	10:36:06	78784.29	394722.69	38.43	Soil	13,620	1.48
08/14/2021	10:36:07	78784.00	394722.78	38.43	Soil	12,180	0.47
08/14/2021	10:36:08	78783.66	394722.83	38.42	Soil	11,460	-0.04
08/14/2021	10:36:09	78783.30	394722.97	38.41	Soil	11,160	-0.25
08/14/2021	10:36:10	78782.89	394723.03	38.38	Soil	10,080	-1.00
08/14/2021	10:36:11	78782.61	394723.10	38.39	Soil	11,640	0.09
08/14/2021	10:36:12	78782.49	394723.23	38.38	Soil	10,500	-0.71
08/14/2021	10:36:13	78782.38	394723.38	38.37	Soil	13,020	1.06
08/14/2021	10:36:14	78782.43	394723.38	38.36	Soil	13,680	1.52
08/14/2021	10:36:15	78782.65	394723.26	38.37	Soil	12,720	0.85
08/14/2021	10:36:16	78782.92	394723.15	38.34	Soil	10,980	-0.37
08/14/2021	10:36:17	78783.15	394723.10	38.39	Soil	12,060	0.39
08/14/2021	10:36:18	78783.42	394723.03	38.36	Soil	11,880	0.26
08/14/2021	10:36:19	78783.67	394723.01	38.36	Soil	12,420	0.64
08/14/2021	10:36:20	78783.93	394722.88	38.37	Soil	11,820	0.22
08/14/2021	10:36:21	78784.18	394722.81	38.40	Soil	10,980	-0.37
08/14/2021	10:36:22	78784.37	394722.75	38.38	Soil	13,080	1.10
08/14/2021	10:36:23	78784.55	394722.63	38.36	Soil	12,780	0.89
08/14/2021	10:36:24	78784.81	394722.67	38.32	Soil	12,240	0.51
08/14/2021	10:36:25	78785.15	394722.66	38.30	Soil	12,420	0.64
08/14/2021	10:36:26	78785.42	394722.76	38.26	Soil	12,960	1.02

SU 7D GWS RESULTS
(SOIL)

08/14/2021	10:36:27	78785.66	394722.86	38.24	Soil	13,320	1.27
08/14/2021	10:36:28	78785.95	394722.91	38.26	Soil	13,320	1.27
08/14/2021	10:36:29	78786.32	394722.87	38.30	Soil	12,480	0.68
08/14/2021	10:36:30	78786.67	394722.77	38.30	Soil	11,520	0.01
08/14/2021	10:36:31	78786.95	394722.71	38.31	Soil	12,240	0.51
08/14/2021	10:36:32	78787.32	394722.82	38.52	Soil	11,760	0.18
08/14/2021	10:36:33	78787.63	394722.89	38.60	Soil	9,960	-1.09
08/14/2021	10:36:34	78787.76	394722.89	38.55	Soil	11,400	-0.08
08/14/2021	10:36:35	78787.86	394723.09	38.51	Soil	11,880	0.26
08/14/2021	10:36:36	78787.90	394723.27	38.47	Soil	11,940	0.30
08/14/2021	10:36:37	78787.97	394723.46	38.39	Soil	13,260	1.23
08/14/2021	10:36:38	78788.05	394723.65	38.38	Soil	12,480	0.68
08/14/2021	10:36:39	78788.21	394723.80	38.38	Soil	13,560	1.44
08/14/2021	10:36:40	78788.45	394723.97	38.28	Soil	14,400	2.03
08/14/2021	10:36:41	78788.70	394724.14	38.27	Soil	11,100	-0.29
08/14/2021	10:36:42	78788.88	394724.23	38.28	Soil	11,760	0.18
08/14/2021	10:36:43	78788.97	394724.40	38.27	Soil	13,680	1.52
08/14/2021	10:36:44	78789.09	394724.60	38.22	Soil	11,880	0.26
08/14/2021	10:36:45	78789.17	394724.76	38.25	Soil	10,380	-0.79
08/14/2021	10:36:46	78789.45	394724.99	38.20	Soil	13,800	1.61
08/14/2021	10:36:47	78789.64	394725.27	38.19	Soil	13,440	1.35
08/14/2021	10:36:48	78789.84	394725.52	38.08	Soil	12,780	0.89
08/14/2021	10:36:49	78789.99	394725.80	38.10	Soil	12,480	0.68
08/14/2021	10:36:50	78790.18	394726.11	37.94	Soil	11,280	-0.16
08/14/2021	10:36:51	78790.24	394726.37	37.93	Soil	12,000	0.34
08/14/2021	10:36:52	78790.51	394726.66	37.88	Soil	11,880	0.26
08/14/2021	10:36:53	78790.69	394726.98	37.85	Soil	12,840	0.93
08/14/2021	10:36:54	78790.89	394727.33	37.94	Soil	12,360	0.60
08/14/2021	10:36:55	78790.92	394727.71	37.89	Soil	11,040	-0.33
08/14/2021	10:36:56	78791.18	394728.10	37.96	Soil	11,400	-0.08
08/14/2021	10:36:57	78791.35	394728.34	37.98	Soil	11,220	-0.20
08/14/2021	10:36:58	78791.29	394728.03	38.09	Soil	12,360	0.60
08/14/2021	10:36:59	78791.23	394727.59	38.21	Soil	11,340	-0.12
08/14/2021	10:37:00	78791.23	394727.33	38.27	Soil	12,900	0.98
08/14/2021	10:37:01	78791.14	394727.07	38.36	Soil	11,040	-0.33
08/14/2021	10:37:02	78791.06	394726.71	38.32	Soil	12,960	1.02
08/14/2021	10:37:03	78790.88	394726.43	38.41	Soil	10,620	-0.62
08/14/2021	10:37:04	78790.75	394726.15	38.40	Soil	13,080	1.10
08/14/2021	10:37:05	78790.64	394726.10	38.41	Soil	11,940	0.30
08/14/2021	10:37:06	78790.59	394726.04	38.34	Soil	12,000	0.34
08/14/2021	10:37:07	78790.44	394725.97	38.31	Soil	11,640	0.09
08/14/2021	10:37:08	78790.45	394725.94	38.38	Soil	12,660	0.81
08/14/2021	10:37:09	78790.51	394726.03	38.29	Soil	11,700	0.13
08/14/2021	10:37:10	78790.58	394726.45	38.29	Soil	12,780	0.89
08/14/2021	10:37:11	78790.79	394726.56	38.38	Soil	11,640	0.09
08/14/2021	10:37:12	78790.88	394726.54	38.43	Soil	15,240	2.62
08/14/2021	10:37:13	78791.03	394726.75	38.44	Soil	14,220	1.90
08/14/2021	10:37:14	78791.18	394726.92	38.48	Soil	11,580	0.05
08/14/2021	10:37:15	78791.29	394727.10	38.48	Soil	14,040	1.78
08/14/2021	10:37:16	78791.43	394727.26	38.51	Soil	11,640	0.09
08/14/2021	10:37:33	78791.36	394727.85	38.40	Soil	11,460	-0.04

SU 7D GWS RESULTS
(SOIL)

08/14/2021	10:37:34	78791.38	394727.82	38.40	Soil	12,840	0.93
08/14/2021	10:37:35	78791.38	394727.65	38.43	Soil	11,700	0.13
08/14/2021	10:37:36	78791.29	394727.51	38.41	Soil	11,040	-0.33
08/14/2021	10:37:37	78791.12	394727.41	38.40	Soil	11,880	0.26
08/14/2021	10:37:38	78790.95	394727.14	38.26	Soil	12,180	0.47
08/14/2021	10:37:39	78790.77	394726.88	38.32	Soil	13,500	1.40
08/14/2021	10:37:40	78790.65	394726.57	38.32	Soil	13,260	1.23
08/14/2021	10:37:41	78790.38	394726.33	38.29	Soil	11,760	0.18
08/14/2021	10:37:42	78790.16	394726.20	38.31	Soil	11,580	0.05
08/14/2021	10:37:43	78790.00	394725.92	38.30	Soil	11,820	0.22
08/14/2021	10:37:44	78789.69	394725.58	38.35	Soil	12,960	1.02
08/14/2021	10:37:45	78789.48	394725.26	38.36	Soil	11,820	0.22
08/14/2021	10:37:46	78789.36	394725.06	38.40	Soil	13,740	1.56
08/14/2021	10:37:47	78789.20	394724.75	38.42	Soil	11,340	-0.12
08/14/2021	10:37:48	78788.80	394724.53	38.46	Soil	11,820	0.22
08/14/2021	10:37:49	78788.49	394724.24	38.43	Soil	12,780	0.89
08/14/2021	10:37:50	78788.27	394724.04	38.49	Soil	10,440	-0.75
08/14/2021	10:37:51	78788.11	394723.81	38.56	Soil	11,460	-0.04
08/14/2021	10:37:52	78787.77	394723.58	38.59	Soil	11,880	0.26
08/14/2021	10:37:53	78787.39	394723.17	38.29	Soil	12,600	0.76
08/14/2021	10:37:54	78786.95	394722.83	38.48	Soil	13,200	1.19
08/14/2021	10:37:55	78786.66	394722.75	38.49	Soil	13,260	1.23
08/14/2021	10:37:56	78786.42	394722.84	38.48	Soil	12,180	0.47
08/14/2021	10:37:57	78786.17	394723.01	38.39	Soil	12,060	0.39
08/14/2021	10:37:58	78785.97	394723.17	38.32	Soil	12,180	0.47
08/14/2021	10:37:59	78785.79	394723.22	38.33	Soil	13,080	1.10
08/14/2021	10:38:00	78785.65	394723.26	38.30	Soil	10,500	-0.71
08/14/2021	10:38:01	78785.44	394723.27	38.29	Soil	12,060	0.39
08/14/2021	10:38:02	78785.20	394723.33	38.35	Soil	12,420	0.64
08/14/2021	10:38:03	78784.86	394723.27	38.36	Soil	13,020	1.06
08/14/2021	10:38:04	78784.55	394723.31	38.40	Soil	11,940	0.30
08/14/2021	10:38:05	78784.18	394723.32	38.42	Soil	13,740	1.56
08/14/2021	10:38:06	78783.89	394723.30	38.42	Soil	10,740	-0.54
08/14/2021	10:38:07	78783.57	394723.37	38.43	Soil	13,080	1.10
08/14/2021	10:38:08	78783.26	394723.43	38.41	Soil	10,560	-0.67
08/14/2021	10:38:09	78782.95	394723.51	38.41	Soil	11,460	-0.04
08/14/2021	10:38:10	78782.65	394723.71	38.29	Soil	11,640	0.09
08/14/2021	10:38:11	78782.56	394723.96	38.31	Soil	11,940	0.30
08/14/2021	10:38:12	78782.70	394724.00	38.27	Soil	12,480	0.68
08/14/2021	10:38:13	78782.87	394723.92	38.30	Soil	12,120	0.43
08/14/2021	10:38:14	78783.10	394723.79	38.31	Soil	12,180	0.47
08/14/2021	10:38:15	78783.30	394723.74	38.33	Soil	13,980	1.73
08/14/2021	10:38:16	78783.51	394723.60	38.43	Soil	13,260	1.23
08/14/2021	10:38:17	78783.68	394723.49	38.43	Soil	11,640	0.09
08/14/2021	10:38:18	78783.85	394723.36	38.42	Soil	12,540	0.72
08/14/2021	10:38:19	78784.08	394723.27	38.50	Soil	11,640	0.09
08/14/2021	10:38:20	78784.31	394722.97	38.53	Soil	11,880	0.26
08/14/2021	10:38:21	78784.57	394722.81	38.55	Soil	12,660	0.81
08/14/2021	10:38:22	78784.80	394722.67	38.52	Soil	12,240	0.51
08/14/2021	10:38:23	78785.02	394722.74	38.47	Soil	14,940	2.41
08/14/2021	10:38:24	78785.27	394722.78	38.47	Soil	12,540	0.72

SU 7D GWS RESULTS
(SOIL)

08/14/2021	10:38:25	78785.56	394722.76	38.45	Soil	13,380	1.31
08/14/2021	10:38:26	78785.85	394722.83	38.45	Soil	13,800	1.61
08/14/2021	10:38:27	78786.20	394722.78	38.50	Soil	14,100	1.82
08/14/2021	10:38:28	78786.42	394722.80	38.49	Soil	15,000	2.45
08/14/2021	10:38:29	78786.67	394722.77	38.50	Soil	11,280	-0.16
08/14/2021	10:38:30	78786.96	394722.79	38.42	Soil	12,180	0.47
08/14/2021	10:38:31	78787.38	394722.89	38.70	Soil	11,640	0.09
08/14/2021	10:38:32	78787.54	394723.06	38.63	Soil	11,220	-0.20
08/14/2021	10:38:33	78787.54	394723.15	38.65	Soil	12,480	0.68
08/14/2021	10:38:34	78787.57	394723.16	38.64	Soil	13,380	1.31
08/14/2021	10:38:35	78787.70	394723.28	38.60	Soil	12,420	0.64
08/14/2021	10:38:36	78788.04	394723.55	38.52	Soil	12,000	0.34
08/14/2021	10:38:37	78788.18	394723.77	38.48	Soil	14,280	1.94
08/14/2021	10:38:38	78788.33	394724.02	38.44	Soil	12,720	0.85
08/14/2021	10:38:39	78788.58	394724.25	38.35	Soil	10,800	-0.50
08/14/2021	10:38:40	78788.73	394724.50	38.36	Soil	14,160	1.86
08/14/2021	10:38:41	78788.88	394724.69	38.32	Soil	12,060	0.39
08/14/2021	10:38:42	78788.89	394724.84	38.32	Soil	14,940	2.41
08/14/2021	10:38:43	78788.91	394724.86	38.32	Soil	11,880	0.26
08/14/2021	10:38:44	78789.07	394724.88	38.37	Soil	12,240	0.51
08/14/2021	10:38:45	78789.26	394725.02	38.21	Soil	12,180	0.47
08/14/2021	10:38:46	78789.40	394725.31	38.24	Soil	13,200	1.19
08/14/2021	10:38:47	78789.65	394725.54	38.15	Soil	12,120	0.43
08/14/2021	10:38:48	78789.76	394725.79	38.18	Soil	14,220	1.90
08/14/2021	10:38:49	78789.89	394725.99	38.08	Soil	11,700	0.13
08/14/2021	10:38:50	78790.00	394726.28	38.13	Soil	11,220	-0.20
08/14/2021	10:38:51	78790.25	394726.56	37.99	Soil	12,720	0.85
08/14/2021	10:38:52	78790.36	394726.86	38.04	Soil	10,920	-0.41
08/14/2021	10:38:53	78790.57	394727.11	38.01	Soil	10,860	-0.46
08/14/2021	10:38:54	78790.67	394727.37	38.04	Soil	9,720	-1.26
08/14/2021	10:38:55	78790.85	394727.63	38.03	Soil	13,140	1.14
08/14/2021	10:38:56	78790.96	394727.92	38.03	Soil	12,960	1.02
08/14/2021	10:38:57	78791.04	394728.25	37.99	Soil	11,520	0.01
08/14/2021	10:38:58	78791.10	394728.53	37.99	Soil	13,260	1.23
08/14/2021	10:38:59	78791.17	394728.74	37.98	Soil	11,220	-0.20
08/14/2021	10:39:00	78791.12	394728.80	38.01	Soil	12,900	0.98
08/14/2021	10:39:01	78791.15	394728.84	38.02	Soil	13,740	1.56
08/14/2021	10:39:02	78791.15	394728.86	38.00	Soil	12,660	0.81
08/14/2021	10:39:03	78791.09	394728.67	38.02	Soil	11,160	-0.25
08/14/2021	10:39:04	78790.94	394728.28	38.02	Soil	11,760	0.18
08/14/2021	10:39:05	78790.81	394727.97	38.06	Soil	11,700	0.13
08/14/2021	10:39:06	78790.76	394727.71	38.06	Soil	11,400	-0.08
08/14/2021	10:39:07	78790.64	394727.49	38.05	Soil	12,780	0.89
08/14/2021	10:39:08	78790.55	394727.09	38.02	Soil	13,200	1.19
08/14/2021	10:39:09	78790.37	394726.79	38.00	Soil	14,340	1.99
08/14/2021	10:39:10	78790.13	394726.62	38.00	Soil	12,060	0.39
08/14/2021	10:39:11	78789.96	394726.41	38.02	Soil	12,840	0.93
08/14/2021	10:39:12	78789.79	394726.13	38.03	Soil	12,300	0.55
08/14/2021	10:39:13	78789.61	394725.89	38.00	Soil	13,620	1.48
08/14/2021	10:39:14	78789.38	394725.84	38.00	Soil	11,940	0.30
08/14/2021	10:39:15	78789.27	394725.61	38.05	Soil	12,480	0.68

SU 7D GWS RESULTS
(SOIL)

08/14/2021	10:39:17	78788.82	394725.04	38.10	Soil	11,700	0.13
08/14/2021	10:39:18	78788.60	394724.72	38.08	Soil	14,700	2.24
08/14/2021	10:39:19	78788.30	394724.52	38.11	Soil	13,200	1.19
08/14/2021	10:39:20	78788.04	394724.31	38.13	Soil	11,760	0.18
08/14/2021	10:39:21	78787.88	394724.12	38.17	Soil	12,660	0.81
08/14/2021	10:39:22	78787.74	394724.02	38.02	Soil	12,720	0.85
08/14/2021	10:39:23	78787.57	394724.05	37.99	Soil	14,040	1.78
08/14/2021	10:39:24	78787.51	394723.92	38.04	Soil	12,480	0.68
08/14/2021	10:39:25	78787.41	394723.66	38.08	Soil	11,520	0.01
08/14/2021	10:39:26	78787.20	394723.45	38.08	Soil	12,180	0.47
08/14/2021	10:39:27	78787.04	394723.30	38.20	Soil	11,400	-0.08
08/14/2021	10:39:28	78786.85	394723.11	38.23	Soil	11,460	-0.04
08/14/2021	10:39:29	78786.72	394722.96	38.30	Soil	10,620	-0.62
08/14/2021	10:39:30	78786.65	394722.88	38.28	Soil	10,980	-0.37
08/14/2021	10:39:31	78786.56	394722.79	38.33	Soil	12,420	0.64
08/14/2021	10:39:32	78786.76	394722.67	38.34	Soil	12,300	0.55
08/14/2021	10:39:33	78787.06	394722.74	38.34	Soil	12,900	0.98
08/14/2021	10:39:34	78787.31	394722.75	38.51	Soil	11,940	0.30
08/14/2021	10:39:35	78787.55	394722.79	38.53	Soil	13,080	1.10
08/14/2021	10:39:36	78787.56	394722.94	38.52	Soil	11,220	-0.20
08/14/2021	10:39:37	78787.59	394722.96	38.51	Soil	12,960	1.02
08/14/2021	10:39:38	78787.52	394722.97	38.48	Soil	13,500	1.40
08/14/2021	10:39:39	78787.46	394722.98	38.44	Soil	11,940	0.30
08/14/2021	10:39:40	78787.48	394723.07	38.41	Soil	12,120	0.43
08/14/2021	10:39:41	78787.71	394723.27	38.30	Soil	12,780	0.89
08/14/2021	10:39:42	78787.88	394723.49	38.23	Soil	12,480	0.68
08/14/2021	10:39:43	78788.15	394723.77	38.13	Soil	11,700	0.13
08/14/2021	10:39:44	78788.06	394724.03	38.09	Soil	11,820	0.22
08/14/2021	10:39:45	78787.93	394724.07	38.05	Soil	14,100	1.82
08/14/2021	10:39:46	78787.87	394724.13	38.01	Soil	10,980	-0.37
08/14/2021	10:39:47	78787.94	394724.12	38.04	Soil	12,960	1.02
08/14/2021	10:39:48	78787.99	394724.07	37.97	Soil	11,940	0.30
08/14/2021	10:39:49	78787.88	394724.09	38.04	Soil	11,160	-0.25
08/14/2021	10:39:50	78787.92	394723.75	38.14	Soil	13,260	1.23
08/14/2021	10:39:51	78787.93	394723.41	38.25	Soil	11,640	0.09
08/14/2021	10:39:52	78787.82	394723.48	38.26	Soil	11,940	0.30
08/14/2021	10:39:53	78787.61	394723.40	38.25	Soil	11,520	0.01
08/14/2021	10:39:54	78787.54	394723.20	38.38	Soil	14,340	1.99
08/14/2021	10:39:55	78787.36	394723.01	38.32	Soil	12,180	0.47
08/14/2021	10:39:56	78787.06	394722.82	38.32	Soil	13,560	1.44
08/14/2021	10:39:57	78786.71	394722.72	38.40	Soil	12,480	0.68
08/14/2021	10:39:58	78786.53	394722.67	38.41	Soil	11,580	0.05
08/14/2021	10:39:59	78786.30	394722.62	38.37	Soil	13,740	1.56
08/14/2021	10:40:00	78786.02	394722.64	38.35	Soil	12,720	0.85
08/14/2021	10:40:01	78785.72	394722.69	38.32	Soil	12,540	0.72
08/14/2021	10:40:02	78785.38	394722.77	38.35	Soil	12,120	0.43
08/14/2021	10:40:03	78785.09	394722.80	38.34	Soil	12,780	0.89
08/14/2021	10:40:04	78784.87	394722.91	38.36	Soil	14,880	2.36
08/14/2021	10:40:05	78784.54	394722.95	38.34	Soil	12,660	0.81
08/14/2021	10:40:06	78784.29	394723.12	38.35	Soil	11,460	-0.04
08/14/2021	10:40:07	78784.02	394723.17	38.33	Soil	12,900	0.98

SU 7D GWS RESULTS
(SOIL)

08/14/2021	10:40:08	78783.63	394723.17	38.36	Soil	13,320	1.27
08/14/2021	10:40:09	78783.36	394723.27	38.41	Soil	10,020	-1.05
08/14/2021	10:40:10	78783.07	394723.28	38.40	Soil	13,860	1.65
08/14/2021	10:40:11	78782.82	394723.43	38.37	Soil	13,740	1.56
08/14/2021	10:40:12	78782.63	394723.68	38.22	Soil	13,500	1.40
08/14/2021	10:40:13	78782.60	394723.95	38.21	Soil	15,000	2.45
08/14/2021	10:40:14	78782.79	394723.98	38.13	Soil	13,320	1.27
08/14/2021	10:40:15	78782.97	394723.99	38.18	Soil	11,580	0.05
08/14/2021	10:40:16	78783.23	394723.83	38.17	Soil	12,060	0.39
08/14/2021	10:40:17	78783.46	394723.84	38.25	Soil	13,140	1.14
08/14/2021	10:40:18	78783.69	394723.72	38.22	Soil	12,180	0.47
08/14/2021	10:40:19	78784.00	394723.64	38.26	Soil	12,240	0.51
08/14/2021	10:40:20	78784.23	394723.40	38.28	Soil	14,640	2.20
08/14/2021	10:40:21	78784.46	394723.32	38.28	Soil	13,200	1.19
08/14/2021	10:40:22	78784.60	394723.39	38.28	Soil	13,440	1.35
08/14/2021	10:40:23	78784.65	394723.38	38.29	Soil	12,600	0.76
08/14/2021	10:40:24	78784.65	394723.39	38.29	Soil	13,260	1.23
08/14/2021	10:40:25	78784.66	394723.40	38.29	Soil	11,520	0.01
08/14/2021	10:40:26	78784.67	394723.42	38.28	Soil	13,320	1.27
08/14/2021	10:41:04	78784.64	394723.41	38.41	Soil	11,460	-0.04
08/14/2021	10:41:05	78784.67	394723.41	38.40	Soil	12,120	0.43
08/14/2021	10:41:06	78784.81	394723.32	38.40	Soil	11,940	0.30
08/14/2021	10:41:07	78785.12	394723.15	38.34	Soil	12,780	0.89
08/14/2021	10:41:08	78785.42	394723.10	38.36	Soil	14,880	2.36
08/14/2021	10:41:09	78785.64	394723.02	38.33	Soil	12,240	0.51
08/14/2021	10:41:10	78785.99	394723.08	38.33	Soil	11,880	0.26
08/14/2021	10:41:11	78786.37	394723.24	38.34	Soil	13,560	1.44
08/14/2021	10:41:12	78786.70	394723.34	38.36	Soil	13,380	1.31
08/14/2021	10:41:13	78787.15	394723.35	38.29	Soil	12,660	0.81
08/14/2021	10:41:14	78787.54	394723.48	38.34	Soil	11,880	0.26
08/14/2021	10:41:15	78787.82	394723.60	38.32	Soil	11,100	-0.29
08/14/2021	10:41:16	78787.97	394723.87	38.39	Soil	12,540	0.72
08/14/2021	10:41:17	78788.40	394724.28	38.32	Soil	11,520	0.01
08/14/2021	10:41:18	78788.55	394724.52	38.24	Soil	10,560	-0.67
08/14/2021	10:41:19	78788.67	394724.75	38.21	Soil	12,780	0.89
08/14/2021	10:41:20	78788.94	394725.05	38.12	Soil	11,280	-0.16
08/14/2021	10:41:23	78789.35	394725.69	38.00	Soil	12,840	0.93
08/14/2021	10:41:24	78789.55	394725.94	38.02	Soil	11,940	0.30
08/14/2021	10:41:25	78789.69	394726.21	38.00	Soil	13,020	1.06
08/14/2021	10:41:26	78789.94	394726.46	37.94	Soil	12,900	0.98
08/14/2021	10:41:27	78790.02	394726.73	37.96	Soil	11,520	0.01
08/14/2021	10:41:28	78790.27	394726.97	37.88	Soil	12,420	0.64
08/14/2021	10:41:29	78790.38	394727.30	37.91	Soil	10,920	-0.41
08/14/2021	10:41:30	78790.47	394727.64	37.84	Soil	12,060	0.39
08/14/2021	10:41:31	78790.47	394727.90	37.88	Soil	10,920	-0.41
08/14/2021	10:41:32	78790.76	394728.31	37.88	Soil	11,400	-0.08
08/14/2021	10:41:33	78790.98	394728.66	37.91	Soil	12,600	0.76
08/14/2021	10:41:34	78791.03	394728.94	37.95	Soil	12,660	0.81
08/14/2021	10:41:35	78791.11	394729.25	37.86	Soil	12,120	0.43
08/14/2021	10:41:36	78790.98	394729.39	37.86	Soil	10,560	-0.67
08/14/2021	10:41:37	78790.91	394729.27	37.86	Soil	13,380	1.31

SU 7D GWS RESULTS
(SOIL)

08/14/2021	10:41:38	78790.94	394729.30	37.88	Soil	11,520	0.01
08/14/2021	10:41:39	78790.95	394729.24	37.88	Soil	9,840	-1.17
08/14/2021	10:41:40	78790.91	394728.89	37.89	Soil	12,300	0.55
08/14/2021	10:41:41	78790.73	394728.74	37.92	Soil	10,320	-0.84
08/14/2021	10:41:42	78790.79	394728.51	38.00	Soil	11,340	-0.12
08/14/2021	10:41:43	78790.77	394728.06	37.97	Soil	12,540	0.72
08/14/2021	10:41:44	78790.52	394727.69	38.00	Soil	14,100	1.82
08/14/2021	10:41:45	78790.45	394727.34	37.98	Soil	12,420	0.64
08/14/2021	10:41:46	78790.21	394727.17	37.98	Soil	12,960	1.02
08/14/2021	10:41:47	78790.10	394726.98	38.04	Soil	11,460	-0.04
08/14/2021	10:41:48	78789.95	394726.71	38.04	Soil	12,060	0.39
08/14/2021	10:41:49	78789.79	394726.48	38.07	Soil	11,760	0.18
08/14/2021	10:41:50	78789.62	394726.13	38.08	Soil	11,520	0.01
08/14/2021	10:41:51	78789.40	394725.94	38.10	Soil	12,420	0.64
08/14/2021	10:41:54	78788.88	394725.09	38.24	Soil	11,820	0.22
08/14/2021	10:41:55	78788.80	394724.94	38.26	Soil	12,060	0.39
08/14/2021	10:41:56	78788.53	394724.88	38.25	Soil	11,160	-0.25
08/14/2021	10:41:57	78788.26	394724.61	38.26	Soil	12,480	0.68
08/14/2021	10:41:58	78788.02	394724.33	38.29	Soil	12,660	0.81
08/14/2021	10:41:59	78787.90	394724.10	38.26	Soil	12,180	0.47
08/14/2021	10:42:00	78787.56	394724.17	38.15	Soil	13,380	1.31
08/14/2021	10:42:01	78787.27	394724.10	38.15	Soil	12,900	0.98
08/14/2021	10:42:02	78787.42	394724.16	38.10	Soil	11,760	0.18
08/14/2021	10:42:03	78787.62	394724.32	38.06	Soil	12,660	0.81
08/14/2021	10:42:04	78787.91	394724.51	38.16	Soil	13,680	1.52
08/14/2021	10:42:05	78788.24	394724.73	38.20	Soil	12,060	0.39
08/14/2021	10:42:06	78788.53	394724.83	38.15	Soil	12,060	0.39
08/14/2021	10:42:09	78789.19	394725.62	38.02	Soil	12,300	0.55
08/14/2021	10:42:10	78789.37	394725.95	37.96	Soil	12,840	0.93
08/14/2021	10:42:11	78789.54	394726.28	37.90	Soil	12,060	0.39
08/14/2021	10:42:12	78789.78	394726.64	37.83	Soil	14,520	2.11
08/14/2021	10:42:13	78789.98	394726.90	37.87	Soil	11,460	-0.04
08/14/2021	10:42:14	78790.13	394727.14	37.83	Soil	11,400	-0.08
08/14/2021	10:42:15	78790.23	394727.46	37.82	Soil	11,640	0.09
08/14/2021	10:42:16	78790.33	394727.78	37.78	Soil	10,620	-0.62
08/14/2021	10:42:17	78790.40	394728.10	37.79	Soil	12,660	0.81
08/14/2021	10:42:18	78790.65	394728.54	37.78	Soil	11,940	0.30
08/14/2021	10:42:19	78790.85	394729.03	37.61	Soil	12,540	0.72
08/14/2021	10:42:20	78790.83	394729.32	37.66	Soil	12,720	0.85
08/14/2021	10:42:21	78790.75	394729.61	37.62	Soil	12,660	0.81
08/14/2021	10:42:22	78790.81	394729.66	37.66	Soil	12,480	0.68
08/14/2021	10:42:23	78790.79	394729.20	37.65	Soil	11,160	-0.25
08/14/2021	10:42:24	78790.64	394728.87	37.74	Soil	10,980	-0.37
08/14/2021	10:42:25	78790.62	394728.48	37.76	Soil	12,180	0.47
08/14/2021	10:42:26	78790.44	394728.18	37.73	Soil	11,700	0.13
08/14/2021	10:42:27	78790.22	394727.94	37.69	Soil	11,580	0.05
08/14/2021	10:42:28	78790.17	394727.72	37.80	Soil	12,360	0.60
08/14/2021	10:42:29	78790.05	394727.51	37.78	Soil	11,520	0.01
08/14/2021	10:42:30	78789.92	394727.31	37.82	Soil	11,940	0.30
08/14/2021	10:42:31	78789.82	394726.97	37.87	Soil	12,240	0.51
08/14/2021	10:42:32	78789.60	394726.64	37.84	Soil	12,240	0.51

SU 7D GWS RESULTS
(SOIL)

08/14/2021	10:42:33	78789.40	394726.44	37.93	Soil	12,480	0.68
08/14/2021	10:42:34	78789.27	394725.92	37.98	Soil	12,000	0.34
08/14/2021	10:42:48	78789.06	394726.18	37.73	Soil	11,580	0.05
08/14/2021	10:42:49	78788.99	394726.39	37.70	Soil	13,140	1.14
08/14/2021	10:42:50	78789.16	394726.56	37.65	Soil	13,380	1.31
08/14/2021	10:42:51	78789.28	394726.78	37.64	Soil	12,240	0.51
08/14/2021	10:42:52	78789.50	394726.99	37.60	Soil	11,880	0.26
08/14/2021	10:42:53	78789.59	394727.13	37.65	Soil	10,860	-0.46
08/14/2021	10:42:54	78789.84	394727.28	37.61	Soil	11,880	0.26
08/14/2021	10:42:55	78789.97	394727.52	37.56	Soil	11,100	-0.29
08/14/2021	10:42:56	78790.24	394727.72	37.64	Soil	11,100	-0.29
08/14/2021	10:42:57	78790.31	394727.99	37.64	Soil	11,580	0.05
08/14/2021	10:42:58	78790.38	394728.24	37.61	Soil	11,220	-0.20
08/14/2021	10:42:59	78790.42	394728.53	37.55	Soil	9,660	-1.30
08/14/2021	10:43:00	78790.64	394728.76	37.58	Soil	12,240	0.51
08/14/2021	10:43:01	78790.67	394728.85	37.57	Soil	9,960	-1.09
08/14/2021	10:43:02	78790.63	394729.25	37.61	Soil	11,940	0.30
08/14/2021	10:43:03	78790.91	394729.59	37.66	Soil	10,560	-0.67
08/14/2021	10:43:04	78790.83	394729.56	37.62	Soil	12,420	0.64
08/14/2021	10:43:05	78790.66	394729.77	37.63	Soil	11,580	0.05
08/14/2021	10:43:06	78790.59	394729.78	37.61	Soil	13,140	1.14
08/14/2021	10:43:07	78790.59	394729.79	37.62	Soil	9,900	-1.13
08/14/2021	10:43:08	78790.58	394729.81	37.63	Soil	12,420	0.64
08/14/2021	10:43:09	78790.55	394729.82	37.63	Soil	11,580	0.05
08/14/2021	10:43:10	78790.55	394729.83	37.64	Soil	12,960	1.02
08/14/2021	10:43:11	78790.56	394729.84	37.65	Soil	12,120	0.43
08/14/2021	10:43:12	78790.58	394729.82	37.65	Soil	11,940	0.30
08/14/2021	10:43:13	78790.61	394729.73	37.67	Soil	10,620	-0.62
08/14/2021	10:43:14	78790.60	394729.41	37.66	Soil	11,520	0.01
08/14/2021	10:43:15	78790.42	394729.16	37.66	Soil	11,700	0.13
08/14/2021	10:43:16	78790.48	394728.83	37.64	Soil	13,320	1.27
08/14/2021	10:43:17	78790.30	394728.50	37.64	Soil	12,000	0.34
08/14/2021	10:43:18	78790.28	394728.19	37.70	Soil	10,080	-1.00
08/14/2021	10:43:19	78790.17	394727.91	37.74	Soil	13,740	1.56
08/14/2021	10:43:20	78790.03	394727.80	37.72	Soil	13,680	1.52
08/14/2021	10:43:21	78789.83	394727.54	37.64	Soil	12,840	0.93
08/14/2021	10:43:22	78789.49	394727.30	37.64	Soil	10,620	-0.62
08/14/2021	10:43:23	78789.36	394726.94	37.69	Soil	11,280	-0.16
08/14/2021	10:43:24	78789.07	394726.59	37.74	Soil	12,180	0.47
08/14/2021	10:43:25	78788.83	394726.27	37.70	Soil	12,780	0.89
08/14/2021	10:43:26	78788.54	394726.16	37.74	Soil	12,120	0.43
08/14/2021	10:43:28	78788.60	394726.24	37.65	Soil	11,160	-0.25
08/14/2021	10:43:29	78788.64	394726.36	37.63	Soil	12,600	0.76
08/14/2021	10:43:30	78788.87	394726.55	37.59	Soil	11,220	-0.20
08/14/2021	10:43:31	78789.01	394726.83	37.54	Soil	12,360	0.60
08/14/2021	10:43:32	78789.28	394727.06	37.55	Soil	12,540	0.72
08/14/2021	10:43:33	78789.54	394727.26	37.44	Soil	13,200	1.19
08/14/2021	10:43:34	78789.80	394727.65	37.50	Soil	12,840	0.93
08/14/2021	10:43:35	78789.97	394727.92	37.47	Soil	11,880	0.26
08/14/2021	10:43:36	78790.00	394728.17	37.52	Soil	12,060	0.39
08/14/2021	10:43:37	78790.28	394728.43	37.44	Soil	11,160	-0.25

SU 7D GWS RESULTS
(SOIL)

08/14/2021	10:43:38	78790.16	394728.65	37.44	Soil	10,800	-0.50
08/14/2021	10:43:39	78790.18	394728.69	37.43	Soil	9,720	-1.26
08/14/2021	10:43:40	78790.24	394728.82	37.48	Soil	14,100	1.82
08/14/2021	10:43:41	78790.44	394729.22	37.35	Soil	11,400	-0.08
08/14/2021	10:43:42	78790.50	394729.60	37.46	Soil	11,100	-0.29
08/14/2021	10:43:43	78790.65	394730.03	37.35	Soil	9,900	-1.13
08/14/2021	10:43:44	78790.60	394730.37	37.22	Soil	12,240	0.51
08/14/2021	10:43:45	78790.33	394730.42	37.18	Soil	11,520	0.01
08/14/2021	10:43:46	78790.32	394730.56	37.24	Soil	12,420	0.64
08/14/2021	10:43:47	78790.53	394730.51	37.32	Soil	12,720	0.85
08/14/2021	10:43:48	78790.79	394730.20	37.31	Soil	12,240	0.51
08/14/2021	10:43:49	78790.52	394729.88	37.37	Soil	13,560	1.44
08/14/2021	10:43:50	78790.47	394729.89	37.35	Soil	11,280	-0.16
08/14/2021	10:43:51	78790.42	394729.62	37.37	Soil	11,820	0.22
08/14/2021	10:43:52	78790.28	394729.36	37.38	Soil	12,300	0.55
08/14/2021	10:43:53	78790.27	394729.26	37.38	Soil	11,340	-0.12
08/14/2021	10:43:54	78790.29	394729.18	37.48	Soil	11,700	0.13
08/14/2021	10:43:55	78790.39	394728.94	37.46	Soil	10,800	-0.50
08/14/2021	10:43:56	78790.15	394728.67	37.46	Soil	11,880	0.26
08/14/2021	10:43:57	78790.16	394728.26	37.50	Soil	11,760	0.18
08/14/2021	10:43:58	78789.94	394727.92	37.52	Soil	12,480	0.68
08/14/2021	10:43:59	78789.82	394727.87	37.55	Soil	12,120	0.43
08/14/2021	10:44:00	78789.75	394727.80	37.51	Soil	12,600	0.76
08/14/2021	10:44:01	78789.63	394727.55	37.51	Soil	13,260	1.23
08/14/2021	10:44:02	78789.50	394727.44	37.50	Soil	10,800	-0.50
08/14/2021	10:44:03	78789.30	394727.17	37.55	Soil	11,640	0.09
08/14/2021	10:44:04	78788.95	394726.95	37.59	Soil	11,640	0.09
08/14/2021	10:44:05	78788.67	394726.55	37.51	Soil	12,240	0.51
08/14/2021	10:44:06	78788.35	394726.46	37.59	Soil	13,500	1.40
08/14/2021	10:44:07	78788.42	394726.53	37.50	Soil	12,720	0.85
08/14/2021	10:44:08	78788.39	394726.66	37.49	Soil	12,720	0.85
08/14/2021	10:44:09	78788.61	394726.79	37.40	Soil	11,520	0.01
08/14/2021	10:44:10	78788.61	394726.96	37.39	Soil	14,340	1.99
08/14/2021	10:44:11	78788.83	394727.13	37.42	Soil	11,940	0.30
08/14/2021	10:44:12	78789.06	394727.34	37.41	Soil	13,320	1.27
08/14/2021	10:44:13	78789.31	394727.57	37.38	Soil	16,020	3.16
08/14/2021	10:44:14	78789.23	394727.75	37.33	Soil	14,820	2.32
08/14/2021	10:44:15	78789.34	394727.90	37.35	Soil	12,540	0.72
08/14/2021	10:44:16	78789.72	394728.21	37.23	Soil	12,840	0.93
08/14/2021	10:44:17	78789.56	394728.29	37.21	Soil	12,900	0.98
08/14/2021	10:44:18	78789.66	394728.45	37.27	Soil	13,560	1.44
08/14/2021	10:44:19	78789.99	394728.83	37.20	Soil	11,280	-0.16
08/14/2021	10:44:20	78789.90	394729.01	37.21	Soil	11,280	-0.16
08/14/2021	10:44:21	78789.98	394729.10	37.26	Soil	10,980	-0.37
08/14/2021	10:44:22	78790.08	394729.31	37.16	Soil	12,120	0.43
08/14/2021	10:44:23	78790.03	394729.62	37.24	Soil	13,440	1.35
08/14/2021	10:44:24	78790.24	394729.95	37.15	Soil	11,280	-0.16
08/14/2021	10:44:25	78790.11	394730.01	37.02	Soil	9,900	-1.13
08/14/2021	10:44:26	78790.02	394730.33	37.03	Soil	12,240	0.51
08/14/2021	10:44:27	78789.94	394730.31	37.03	Soil	10,860	-0.46
08/14/2021	10:44:28	78789.94	394730.13	37.06	Soil	12,420	0.64

SU 7D GWS RESULTS
(SOIL)

08/14/2021	10:44:29	78789.85	394729.95	37.08	Soil	12,240	0.51
08/14/2021	10:44:30	78789.86	394729.84	37.07	Soil	11,040	-0.33
08/14/2021	10:44:31	78789.81	394729.72	37.16	Soil	13,200	1.19
08/14/2021	10:44:32	78789.71	394729.33	37.10	Soil	12,900	0.98
08/14/2021	10:44:33	78789.51	394729.12	37.11	Soil	11,460	-0.04
08/14/2021	10:44:34	78789.47	394728.85	37.14	Soil	13,800	1.61
08/14/2021	10:44:35	78789.38	394728.48	37.20	Soil	13,620	1.48
08/14/2021	10:44:36	78789.29	394728.15	37.25	Soil	14,700	2.24
08/14/2021	10:44:37	78788.94	394727.95	37.17	Soil	14,940	2.41
08/14/2021	10:44:38	78788.91	394727.61	37.30	Soil	13,080	1.10
08/14/2021	10:44:39	78788.83	394727.10	37.46	Soil	11,700	0.13
08/14/2021	10:44:40	78788.54	394726.81	37.55	Soil	11,100	-0.29
08/14/2021	10:44:41	78788.29	394726.66	37.54	Soil	13,320	1.27
08/14/2021	10:44:42	78788.28	394726.71	37.60	Soil	13,260	1.23
08/14/2021	10:44:43	78788.21	394726.72	37.58	Soil	12,840	0.93
08/14/2021	10:44:44	78788.23	394726.75	37.59	Soil	12,540	0.72
08/14/2021	10:44:45	78788.28	394726.73	37.58	Soil	11,880	0.26
08/14/2021	10:44:46	78788.33	394726.72	37.57	Soil	11,460	-0.04
08/14/2021	10:44:47	78788.33	394726.73	37.53	Soil	12,000	0.34
08/14/2021	10:44:48	78788.16	394726.71	37.52	Soil	12,360	0.60
08/14/2021	10:44:49	78788.10	394726.69	37.50	Soil	12,480	0.68
08/14/2021	10:44:50	78788.11	394726.67	37.49	Soil	10,260	-0.88
08/14/2021	10:44:51	78788.12	394726.65	37.48	Soil	12,840	0.93
08/14/2021	10:44:52	78788.13	394726.68	37.48	Soil	12,240	0.51
08/14/2021	10:44:53	78788.13	394726.68	37.48	Soil	12,420	0.64
08/14/2021	10:44:54	78788.14	394726.67	37.48	Soil	12,000	0.34
08/14/2021	10:44:55	78788.14	394726.66	37.48	Soil	11,760	0.18
08/14/2021	10:44:56	78788.15	394726.67	37.48	Soil	12,300	0.55
08/14/2021	10:44:57	78788.16	394726.68	37.49	Soil	13,080	1.10
08/14/2021	10:44:58	78788.16	394726.67	37.49	Soil	12,360	0.60
08/14/2021	10:44:59	78788.21	394726.70	37.47	Soil	12,540	0.72
08/14/2021	10:45:00	78788.37	394726.80	37.17	Soil	13,260	1.23
08/14/2021	10:45:01	78788.68	394726.97	37.05	Soil	13,320	1.27
08/14/2021	10:45:02	78788.70	394726.98	36.99	Soil	13,200	1.19
08/14/2021	10:45:03	78788.71	394726.95	36.97	Soil	10,260	-0.88
08/14/2021	10:45:36	78788.63	394726.86	37.41	Soil	10,620	-0.62
08/14/2021	10:45:37	78788.58	394726.89	37.37	Soil	13,620	1.48
08/14/2021	10:45:38	78788.68	394727.05	37.26	Soil	12,360	0.60
08/14/2021	10:45:39	78788.87	394727.31	37.25	Soil	13,800	1.61
08/14/2021	10:45:40	78789.11	394727.62	37.18	Soil	13,560	1.44
08/14/2021	10:45:41	78789.17	394727.91	37.09	Soil	11,820	0.22
08/14/2021	10:45:42	78789.30	394728.15	37.05	Soil	11,100	-0.29
08/14/2021	10:45:43	78789.46	394728.55	36.97	Soil	13,140	1.14
08/14/2021	10:45:44	78789.56	394728.83	37.01	Soil	12,300	0.55
08/14/2021	10:45:45	78789.63	394729.18	37.00	Soil	12,840	0.93
08/14/2021	10:45:46	78789.81	394729.55	36.91	Soil	13,140	1.14
08/14/2021	10:45:47	78789.75	394729.88	36.90	Soil	13,500	1.40
08/14/2021	10:45:48	78789.82	394730.34	36.73	Soil	11,400	-0.08
08/14/2021	10:45:49	78789.62	394730.55	36.52	Soil	11,040	-0.33
08/14/2021	10:45:50	78789.63	394730.92	36.49	Soil	12,720	0.85
08/14/2021	10:45:51	78789.40	394730.87	36.48	Soil	11,400	-0.08

SU 7D GWS RESULTS
(SOIL)

08/14/2021	10:45:52	78789.38	394730.66	36.42	Soil	12,300	0.55
08/14/2021	10:45:53	78789.20	394730.69	36.40	Soil	12,300	0.55
08/14/2021	10:45:54	78789.04	394730.54	36.38	Soil	11,940	0.30
08/14/2021	10:45:55	78788.87	394730.25	36.35	Soil	12,540	0.72
08/14/2021	10:45:56	78788.72	394730.12	36.40	Soil	11,400	-0.08
08/14/2021	10:45:57	78788.72	394729.84	36.40	Soil	13,740	1.56
08/14/2021	10:45:58	78788.54	394729.63	36.43	Soil	13,980	1.73
08/14/2021	10:45:59	78788.44	394729.33	36.45	Soil	12,360	0.60
08/14/2021	10:46:00	78788.34	394729.01	36.56	Soil	11,280	-0.16
08/14/2021	10:46:01	78788.24	394728.68	36.66	Soil	12,180	0.47
08/14/2021	10:46:02	78788.19	394728.38	36.71	Soil	12,240	0.51
08/14/2021	10:46:03	78788.03	394728.15	36.91	Soil	12,840	0.93
08/14/2021	10:46:04	78788.16	394727.78	37.07	Soil	12,780	0.89
08/14/2021	10:46:05	78788.00	394727.55	37.17	Soil	14,700	2.24
08/14/2021	10:46:06	78788.08	394727.24	37.30	Soil	12,600	0.76
08/14/2021	10:46:07	78787.89	394726.99	37.39	Soil	12,900	0.98
08/14/2021	10:46:08	78788.13	394726.91	37.43	Soil	12,960	1.02
08/14/2021	10:46:09	78788.35	394726.87	37.37	Soil	13,080	1.10
08/14/2021	10:46:10	78788.44	394727.12	37.29	Soil	13,560	1.44
08/14/2021	10:46:11	78788.70	394727.33	37.21	Soil	11,580	0.05
08/14/2021	10:46:12	78788.70	394727.52	37.17	Soil	12,000	0.34
08/14/2021	10:46:13	78788.92	394727.60	37.12	Soil	12,360	0.60
08/14/2021	10:46:14	78788.94	394727.67	37.09	Soil	12,600	0.76
08/14/2021	10:46:15	78788.97	394727.62	37.13	Soil	12,540	0.72
08/14/2021	10:46:16	78788.81	394727.61	37.14	Soil	12,840	0.93
08/14/2021	10:46:17	78788.69	394727.77	37.00	Soil	12,060	0.39
08/14/2021	10:46:18	78788.81	394728.19	36.94	Soil	13,020	1.06
08/14/2021	10:46:19	78789.09	394728.47	36.82	Soil	10,800	-0.50
08/14/2021	10:46:20	78788.96	394728.55	36.75	Soil	11,160	-0.25
08/14/2021	10:46:21	78789.04	394728.79	36.66	Soil	11,880	0.26
08/14/2021	10:46:22	78789.18	394729.17	36.64	Soil	11,760	0.18
08/14/2021	10:46:23	78789.21	394729.42	36.65	Soil	12,540	0.72
08/14/2021	10:46:24	78789.54	394730.02	36.58	Soil	10,320	-0.84
08/14/2021	10:46:25	78789.45	394730.23	36.56	Soil	11,280	-0.16
08/14/2021	10:46:26	78789.56	394730.44	36.38	Soil	10,680	-0.58
08/14/2021	10:46:27	78789.36	394730.68	36.41	Soil	11,520	0.01
08/14/2021	10:46:28	78789.35	394730.98	36.41	Soil	11,940	0.30
08/14/2021	10:46:29	78789.35	394731.12	36.42	Soil	10,800	-0.50
08/14/2021	10:46:30	78789.49	394731.07	36.51	Soil	11,700	0.13
08/14/2021	10:46:31	78789.43	394730.69	36.52	Soil	9,840	-1.17
08/14/2021	10:46:32	78789.40	394730.42	36.60	Soil	11,940	0.30
08/14/2021	10:46:33	78789.29	394730.09	36.62	Soil	12,900	0.98
08/14/2021	10:46:34	78789.36	394729.71	36.71	Soil	12,360	0.60
08/14/2021	10:46:35	78789.31	394729.27	36.82	Soil	12,420	0.64
08/14/2021	10:46:36	78789.37	394729.04	36.86	Soil	12,120	0.43
08/14/2021	10:46:37	78789.17	394728.95	36.90	Soil	11,820	0.22
08/14/2021	10:46:38	78789.16	394728.78	36.97	Soil	12,300	0.55
08/14/2021	10:46:39	78789.13	394728.37	37.01	Soil	12,660	0.81
08/14/2021	10:46:40	78788.82	394728.06	37.05	Soil	14,880	2.36
08/14/2021	10:46:41	78788.67	394727.94	36.90	Soil	12,660	0.81
08/14/2021	10:46:42	78788.46	394728.14	36.90	Soil	11,280	-0.16

SU 7D GWS RESULTS
(SOIL)

08/14/2021	10:46:43	78788.57	394728.25	36.83	Soil	13,860	1.65
08/14/2021	10:46:44	78788.72	394728.37	36.80	Soil	15,720	2.95
08/14/2021	10:46:45	78788.83	394728.51	36.72	Soil	12,900	0.98
08/14/2021	10:46:46	78788.65	394728.79	36.69	Soil	12,660	0.81
08/14/2021	10:46:47	78788.75	394728.94	36.63	Soil	11,580	0.05
08/14/2021	10:46:48	78789.00	394729.24	36.54	Soil	13,620	1.48
08/14/2021	10:46:49	78788.84	394729.34	36.43	Soil	13,920	1.69
08/14/2021	10:46:50	78788.79	394729.55	36.38	Soil	9,000	-1.76
08/14/2021	10:46:51	78789.20	394730.13	36.32	Soil	9,420	-1.47
08/14/2021	10:46:52	78789.18	394730.49	36.34	Soil	10,560	-0.67
08/14/2021	10:46:53	78789.45	394730.81	36.37	Soil	12,360	0.60
08/14/2021	10:46:54	78789.36	394730.59	36.31	Soil	13,200	1.19
08/14/2021	10:46:55	78789.10	394730.45	36.37	Soil	12,360	0.60
08/14/2021	10:46:56	78789.10	394730.20	36.33	Soil	12,780	0.89
08/14/2021	10:46:57	78788.89	394730.03	36.36	Soil	11,100	-0.29
08/14/2021	10:46:58	78788.85	394729.78	36.39	Soil	12,780	0.89
08/14/2021	10:46:59	78788.62	394729.56	36.40	Soil	14,280	1.94
08/14/2021	10:47:00	78788.62	394729.32	36.51	Soil	13,440	1.35
08/14/2021	10:47:01	78788.69	394729.00	36.57	Soil	12,480	0.68
08/14/2021	10:47:02	78788.57	394728.56	36.70	Soil	12,360	0.60
08/14/2021	10:47:03	78788.70	394728.21	36.84	Soil	11,160	-0.25
08/14/2021	10:47:04	78788.43	394727.88	36.94	Soil	13,620	1.48
08/14/2021	10:47:05	78788.46	394727.82	36.93	Soil	11,760	0.18
08/14/2021	10:47:06	78788.19	394728.08	36.72	Soil	12,480	0.68
08/14/2021	10:47:07	78787.94	394728.29	36.72	Soil	12,600	0.76
08/14/2021	10:47:08	78787.75	394728.41	36.68	Soil	12,060	0.39
08/14/2021	10:47:09	78787.51	394728.47	36.70	Soil	12,420	0.64
08/14/2021	10:47:10	78787.45	394728.54	36.69	Soil	13,500	1.40
08/14/2021	10:47:11	78787.47	394728.57	36.68	Soil	13,620	1.48
08/14/2021	10:47:12	78787.44	394728.53	36.69	Soil	12,600	0.76
08/14/2021	10:47:13	78787.23	394728.38	36.68	Soil	12,180	0.47
08/14/2021	10:47:14	78786.98	394728.34	36.67	Soil	10,980	-0.37
08/14/2021	10:47:15	78786.70	394728.36	36.63	Soil	12,720	0.85
08/14/2021	10:47:16	78786.49	394728.51	36.66	Soil	12,360	0.60
08/14/2021	10:47:17	78786.24	394728.55	36.66	Soil	11,940	0.30
08/14/2021	10:47:18	78786.11	394728.63	36.74	Soil	12,480	0.68
08/14/2021	10:47:19	78785.72	394728.47	36.73	Soil	15,540	2.83
08/14/2021	10:47:20	78785.41	394728.60	36.73	Soil	12,900	0.98
08/14/2021	10:47:21	78785.07	394728.60	36.76	Soil	11,280	-0.16
08/14/2021	10:47:22	78784.81	394728.54	36.82	Soil	11,100	-0.29
08/14/2021	10:47:23	78784.54	394728.59	36.85	Soil	11,160	-0.25
08/14/2021	10:47:24	78784.25	394728.45	36.84	Soil	11,340	-0.12
08/14/2021	10:47:25	78783.95	394728.58	36.77	Soil	11,640	0.09
08/14/2021	10:47:26	78783.65	394728.50	36.73	Soil	13,680	1.52
08/14/2021	10:47:27	78783.31	394728.63	36.69	Soil	12,000	0.34
08/14/2021	10:47:28	78782.90	394728.61	36.66	Soil	12,960	1.02
08/14/2021	10:47:29	78783.01	394729.03	36.59	Soil	11,280	-0.16
08/14/2021	10:47:30	78782.79	394729.20	36.60	Soil	11,700	0.13
08/14/2021	10:47:31	78782.99	394729.23	36.57	Soil	12,060	0.39
08/14/2021	10:47:32	78783.13	394729.32	36.60	Soil	12,720	0.85
08/14/2021	10:47:33	78783.58	394729.14	36.51	Soil	10,860	-0.46

SU 7D GWS RESULTS
(SOIL)

08/14/2021	10:47:34	78783.81	394729.21	36.57	Soil	12,240	0.51
08/14/2021	10:47:35	78784.10	394729.00	36.41	Soil	12,780	0.89
08/14/2021	10:47:36	78784.38	394729.06	36.50	Soil	11,880	0.26
08/14/2021	10:47:37	78784.77	394729.23	36.56	Soil	10,620	-0.62
08/14/2021	10:47:38	78785.01	394729.11	36.56	Soil	12,720	0.85
08/14/2021	10:47:39	78785.27	394729.06	36.54	Soil	11,880	0.26
08/14/2021	10:47:40	78785.44	394729.13	36.52	Soil	12,660	0.81
08/14/2021	10:47:41	78785.70	394729.08	36.50	Soil	10,380	-0.79
08/14/2021	10:47:42	78785.91	394729.18	36.52	Soil	11,340	-0.12
08/14/2021	10:47:43	78786.21	394729.09	36.48	Soil	12,600	0.76
08/14/2021	10:47:44	78786.29	394729.31	36.43	Soil	12,540	0.72
08/14/2021	10:47:45	78786.32	394729.35	36.41	Soil	11,880	0.26
08/14/2021	10:47:46	78786.21	394729.30	36.40	Soil	13,320	1.27
08/14/2021	10:47:47	78786.24	394729.34	36.40	Soil	10,980	-0.37
08/14/2021	10:47:48	78786.28	394729.32	36.42	Soil	12,420	0.64
08/14/2021	10:47:49	78786.36	394729.18	36.47	Soil	11,460	-0.04
08/14/2021	10:47:50	78786.48	394729.06	36.47	Soil	11,880	0.26
08/14/2021	10:47:51	78786.76	394729.01	36.46	Soil	10,860	-0.46
08/14/2021	10:47:52	78787.08	394728.99	36.51	Soil	12,420	0.64
08/14/2021	10:47:53	78787.39	394728.91	36.56	Soil	12,180	0.47
08/14/2021	10:47:54	78787.57	394728.86	36.57	Soil	11,460	-0.04
08/14/2021	10:47:55	78787.67	394728.71	36.58	Soil	13,680	1.52
08/14/2021	10:47:56	78787.74	394728.96	36.60	Soil	13,740	1.56
08/14/2021	10:47:57	78787.75	394729.04	36.57	Soil	11,760	0.18
08/14/2021	10:47:58	78787.60	394729.12	36.58	Soil	13,440	1.35
08/14/2021	10:47:59	78787.53	394729.19	36.55	Soil	12,660	0.81
08/14/2021	10:48:00	78787.28	394729.13	36.48	Soil	13,500	1.40
08/14/2021	10:48:01	78787.02	394729.35	36.36	Soil	12,180	0.47
08/14/2021	10:48:02	78786.71	394729.36	36.37	Soil	12,660	0.81
08/14/2021	10:48:03	78786.55	394729.52	36.36	Soil	11,520	0.01
08/14/2021	10:48:04	78786.25	394729.57	36.22	Soil	11,940	0.30
08/14/2021	10:48:05	78786.20	394729.88	36.19	Soil	11,100	-0.29
08/14/2021	10:48:06	78786.29	394730.04	36.19	Soil	12,180	0.47
08/14/2021	10:48:07	78786.56	394729.94	36.21	Soil	11,340	-0.12
08/14/2021	10:48:08	78786.99	394729.90	36.32	Soil	12,240	0.51
08/14/2021	10:48:09	78787.31	394729.91	36.36	Soil	12,000	0.34
08/14/2021	10:48:10	78787.61	394729.70	36.32	Soil	11,400	-0.08
08/14/2021	10:48:11	78787.80	394729.82	36.33	Soil	12,060	0.39
08/14/2021	10:48:12	78787.99	394729.77	36.31	Soil	14,520	2.11
08/14/2021	10:48:13	78788.01	394729.86	36.28	Soil	12,900	0.98
08/14/2021	10:48:14	78788.05	394730.01	36.28	Soil	11,220	-0.20
08/14/2021	10:48:15	78787.88	394730.00	36.29	Soil	12,600	0.76
08/14/2021	10:48:16	78787.66	394730.03	36.29	Soil	11,340	-0.12
08/14/2021	10:48:17	78787.32	394729.98	36.30	Soil	11,160	-0.25
08/14/2021	10:48:18	78786.99	394730.04	36.20	Soil	11,460	-0.04
08/14/2021	10:48:19	78786.65	394729.92	36.20	Soil	12,240	0.51
08/14/2021	10:48:20	78786.30	394729.85	36.15	Soil	13,140	1.14
08/14/2021	10:48:21	78786.11	394730.20	36.05	Soil	10,560	-0.67
08/14/2021	10:48:22	78786.10	394730.48	36.05	Soil	9,840	-1.17
08/14/2021	10:48:23	78786.21	394730.83	36.10	Soil	12,960	1.02
08/14/2021	10:48:24	78786.51	394730.83	36.22	Soil	11,460	-0.04

SU 7D GWS RESULTS
(SOIL)

08/14/2021	10:48:25	78786.78	394730.70	36.22	Soil	11,520	0.01
08/14/2021	10:48:26	78787.02	394730.77	36.28	Soil	10,800	-0.50
08/14/2021	10:48:27	78787.27	394730.60	36.20	Soil	11,580	0.05
08/14/2021	10:48:28	78787.59	394730.65	36.22	Soil	12,060	0.39
08/14/2021	10:48:29	78787.84	394730.26	36.20	Soil	11,280	-0.16
08/14/2021	10:48:30	78788.13	394730.31	36.18	Soil	10,920	-0.41
08/14/2021	10:48:31	78788.34	394730.22	36.13	Soil	12,960	1.02
08/14/2021	10:48:32	78788.24	394730.39	36.13	Soil	9,960	-1.09
08/14/2021	10:48:33	78788.39	394730.54	36.12	Soil	11,340	-0.12
08/14/2021	10:48:34	78788.25	394730.68	36.11	Soil	12,300	0.55
08/14/2021	10:48:35	78788.07	394730.62	36.10	Soil	11,220	-0.20
08/14/2021	10:48:36	78787.78	394730.61	36.14	Soil	12,180	0.47
08/14/2021	10:48:37	78787.45	394730.58	36.18	Soil	11,100	-0.29
08/14/2021	10:48:38	78787.23	394730.84	36.15	Soil	12,000	0.34
08/14/2021	10:48:39	78786.99	394731.04	36.14	Soil	10,740	-0.54
08/14/2021	10:48:45	78788.87	394731.13	36.25	Soil	11,820	0.22
08/14/2021	10:48:46	78788.82	394731.07	36.23	Soil	12,900	0.98
08/14/2021	10:48:47	78788.76	394730.95	36.21	Soil	11,700	0.13
08/14/2021	10:48:48	78788.97	394730.50	36.31	Soil	11,580	0.05
08/14/2021	10:48:49	78788.74	394730.29	36.32	Soil	12,060	0.39
08/14/2021	10:48:50	78788.58	394730.19	36.32	Soil	12,480	0.68
08/14/2021	10:48:51	78788.58	394730.18	36.32	Soil	11,100	-0.29
08/14/2021	10:48:52	78788.66	394729.93	36.32	Soil	11,700	0.13
08/14/2021	10:48:53	78788.49	394729.77	36.34	Soil	12,780	0.89
08/14/2021	10:48:54	78788.46	394729.58	36.39	Soil	15,180	2.58
08/14/2021	10:48:55	78788.35	394729.47	36.37	Soil	11,400	-0.08
08/14/2021	10:48:56	78788.26	394729.40	36.40	Soil	13,140	1.14
08/14/2021	10:48:57	78788.22	394729.14	36.41	Soil	13,680	1.52
08/14/2021	10:48:58	78787.83	394729.22	36.44	Soil	12,780	0.89
08/14/2021	10:48:59	78788.12	394729.09	36.55	Soil	13,200	1.19
08/14/2021	10:49:00	78787.71	394728.96	36.57	Soil	12,720	0.85
08/14/2021	10:49:01	78788.00	394728.67	36.58	Soil	13,020	1.06
08/14/2021	10:49:02	78787.99	394728.65	36.57	Soil	11,760	0.18
08/14/2021	10:49:03	78787.97	394728.63	36.57	Soil	12,840	0.93
08/14/2021	10:49:04	78788.03	394728.66	36.57	Soil	11,760	0.18
08/14/2021	10:49:05	78787.88	394729.00	36.44	Soil	10,740	-0.54
08/14/2021	10:49:06	78788.25	394729.07	36.38	Soil	12,540	0.72
08/14/2021	10:49:07	78787.95	394729.38	36.33	Soil	10,980	-0.37
08/14/2021	10:49:08	78788.28	394729.51	36.30	Soil	11,820	0.22
08/14/2021	10:49:09	78788.16	394729.69	36.25	Soil	12,300	0.55
08/14/2021	10:49:10	78788.37	394729.87	36.22	Soil	12,480	0.68
08/14/2021	10:49:11	78788.30	394729.95	36.21	Soil	12,060	0.39
08/14/2021	10:49:12	78788.27	394730.03	36.22	Soil	10,500	-0.71
08/14/2021	10:49:13	78788.31	394729.91	36.22	Soil	12,000	0.34
08/14/2021	10:49:14	78788.30	394729.51	36.35	Soil	13,080	1.10
08/14/2021	10:49:15	78787.91	394729.04	36.49	Soil	11,700	0.13
08/14/2021	10:49:16	78787.85	394728.70	36.64	Soil	12,540	0.72
08/14/2021	10:49:17	78787.62	394728.75	36.59	Soil	12,540	0.72
08/14/2021	10:49:18	78787.34	394728.47	36.57	Soil	13,140	1.14
08/14/2021	10:49:19	78787.20	394728.66	36.56	Soil	11,460	-0.04
08/14/2021	10:49:20	78787.05	394728.67	36.55	Soil	13,380	1.31

SU 7D GWS RESULTS
(SOIL)

08/14/2021	10:49:21	78786.78	394728.53	36.51	Soil	12,720	0.85
08/14/2021	10:49:22	78786.69	394728.75	36.49	Soil	12,360	0.60
08/14/2021	10:49:23	78786.31	394728.75	36.48	Soil	10,980	-0.37
08/14/2021	10:49:24	78786.03	394728.61	36.48	Soil	12,960	1.02
08/14/2021	10:49:25	78785.90	394729.01	36.37	Soil	9,900	-1.13
08/14/2021	10:49:26	78785.60	394728.76	36.39	Soil	13,500	1.40
08/14/2021	10:49:27	78785.37	394728.89	36.46	Soil	11,460	-0.04
08/14/2021	10:49:28	78785.17	394728.75	36.51	Soil	10,260	-0.88
08/14/2021	10:49:29	78784.93	394728.93	36.56	Soil	11,820	0.22
08/14/2021	10:49:30	78784.74	394728.82	36.53	Soil	13,680	1.52
08/14/2021	10:49:31	78784.47	394728.48	36.78	Soil	11,880	0.26
08/14/2021	10:49:32	78784.23	394728.30	36.80	Soil	11,220	-0.20
08/14/2021	10:49:33	78784.35	394728.38	36.80	Soil	11,940	0.30
08/14/2021	10:49:34	78784.28	394728.41	36.84	Soil	11,280	-0.16
08/14/2021	10:49:35	78784.17	394728.10	36.86	Soil	12,720	0.85
08/14/2021	10:49:36	78784.16	394727.75	36.97	Soil	11,700	0.13
08/14/2021	10:49:37	78784.03	394727.46	37.00	Soil	12,480	0.68
08/14/2021	10:49:38	78784.20	394727.15	37.09	Soil	12,240	0.51
08/14/2021	10:49:39	78784.00	394726.85	37.23	Soil	12,300	0.55
08/14/2021	10:49:40	78783.88	394726.50	37.32	Soil	13,320	1.27
08/14/2021	10:49:41	78783.82	394726.12	37.41	Soil	13,140	1.14
08/14/2021	10:49:42	78783.61	394725.79	37.51	Soil	13,380	1.31
08/14/2021	10:49:43	78783.55	394725.48	37.60	Soil	13,620	1.48
08/14/2021	10:49:44	78783.62	394725.24	37.77	Soil	13,260	1.23
08/14/2021	10:49:45	78783.50	394724.95	37.87	Soil	11,880	0.26
08/14/2021	10:49:46	78783.73	394724.57	37.98	Soil	12,660	0.81
08/14/2021	10:49:47	78783.52	394724.23	38.08	Soil	12,360	0.60
08/14/2021	10:49:48	78783.91	394723.97	38.24	Soil	11,940	0.30
08/14/2021	10:49:49	78783.83	394723.55	38.26	Soil	13,320	1.27
08/14/2021	10:49:50	78784.13	394723.23	38.36	Soil	13,320	1.27
08/14/2021	10:49:51	78784.07	394723.06	38.36	Soil	12,240	0.51
08/14/2021	10:49:52	78784.30	394723.18	38.28	Soil	13,380	1.31
08/14/2021	10:49:53	78784.22	394723.43	38.22	Soil	11,700	0.13
08/14/2021	10:49:54	78784.37	394723.65	38.14	Soil	11,760	0.18
08/14/2021	10:49:55	78784.23	394723.87	38.07	Soil	11,940	0.30
08/14/2021	10:49:56	78784.42	394724.13	37.95	Soil	11,520	0.01
08/14/2021	10:49:57	78784.44	394724.38	37.87	Soil	12,660	0.81
08/14/2021	10:49:58	78784.61	394724.58	37.77	Soil	14,880	2.36
08/14/2021	10:49:59	78784.63	394724.83	37.68	Soil	12,480	0.68
08/14/2021	10:50:00	78784.74	394725.04	37.60	Soil	13,620	1.48
08/14/2021	10:50:01	78784.96	394725.26	37.52	Soil	12,000	0.34
08/14/2021	10:50:02	78784.97	394725.47	37.41	Soil	12,180	0.47
08/14/2021	10:50:03	78784.98	394725.76	37.32	Soil	12,780	0.89
08/14/2021	10:50:04	78784.89	394726.04	37.28	Soil	13,680	1.52
08/14/2021	10:50:05	78785.01	394726.26	37.21	Soil	12,540	0.72
08/14/2021	10:50:06	78784.90	394726.51	37.13	Soil	10,620	-0.62
08/14/2021	10:50:07	78785.06	394726.74	37.02	Soil	12,780	0.89
08/14/2021	10:50:08	78784.93	394726.96	36.96	Soil	11,580	0.05
08/14/2021	10:50:09	78785.12	394727.23	36.92	Soil	11,880	0.26
08/14/2021	10:50:10	78785.02	394727.48	36.83	Soil	12,960	1.02
08/14/2021	10:50:11	78785.20	394727.75	36.72	Soil	11,580	0.05

SU 7D GWS RESULTS
(SOIL)

08/14/2021	10:50:12	78785.03	394728.10	36.61	Soil	12,000	0.34
08/14/2021	10:50:13	78785.18	394728.29	36.55	Soil	11,160	-0.25
08/14/2021	10:50:14	78785.19	394728.40	36.55	Soil	14,880	2.36
08/14/2021	10:50:15	78784.92	394728.33	36.55	Soil	11,520	0.01
08/14/2021	10:50:16	78784.62	394728.40	36.56	Soil	12,960	1.02
08/14/2021	10:50:17	78784.62	394728.41	36.58	Soil	11,760	0.18
08/14/2021	10:50:18	78784.57	394728.39	36.61	Soil	11,220	-0.20
08/14/2021	10:50:19	78784.63	394728.19	36.72	Soil	10,800	-0.50
08/14/2021	10:50:20	78784.37	394728.00	36.79	Soil	11,880	0.26
08/14/2021	10:50:21	78784.56	394727.68	36.87	Soil	12,480	0.68
08/14/2021	10:50:22	78784.43	394727.51	36.87	Soil	11,400	-0.08
08/14/2021	10:50:23	78784.76	394727.49	36.94	Soil	12,720	0.85
08/14/2021	10:50:24	78784.63	394727.35	36.95	Soil	13,080	1.10
08/14/2021	10:50:25	78784.88	394727.44	36.91	Soil	11,940	0.30
08/14/2021	10:50:26	78784.75	394727.53	36.90	Soil	12,780	0.89
08/14/2021	10:50:27	78784.80	394727.63	36.87	Soil	11,940	0.30
08/14/2021	10:50:28	78784.82	394727.76	36.82	Soil	13,260	1.23
08/14/2021	10:50:29	78784.74	394727.89	36.79	Soil	14,220	1.90
08/14/2021	10:50:30	78784.95	394727.98	36.74	Soil	11,640	0.09
08/14/2021	10:50:31	78784.65	394727.98	36.72	Soil	11,220	-0.20
08/14/2021	10:50:32	78784.79	394728.05	36.72	Soil	12,480	0.68
08/14/2021	10:50:33	78784.89	394727.95	36.78	Soil	12,060	0.39
08/14/2021	10:50:34	78785.04	394727.75	36.87	Soil	12,240	0.51
08/14/2021	10:50:35	78784.98	394727.45	36.87	Soil	13,260	1.23
08/14/2021	10:50:36	78785.16	394727.14	36.99	Soil	10,860	-0.46
08/14/2021	10:50:37	78784.83	394726.93	37.04	Soil	12,960	1.02
08/14/2021	10:50:38	78784.89	394726.52	37.19	Soil	13,560	1.44
08/14/2021	10:50:39	78784.68	394726.40	37.23	Soil	12,720	0.85
08/14/2021	10:50:40	78784.82	394725.96	37.32	Soil	14,280	1.94
08/14/2021	10:50:41	78784.73	394725.68	37.42	Soil	12,240	0.51
08/14/2021	10:50:42	78784.67	394725.43	37.54	Soil	13,080	1.10
08/14/2021	10:50:43	78784.72	394725.09	37.62	Soil	13,980	1.73
08/14/2021	10:50:44	78784.41	394725.01	37.70	Soil	13,080	1.10
08/14/2021	10:50:45	78784.38	394724.59	37.82	Soil	12,000	0.34
08/14/2021	10:50:46	78784.15	394724.52	37.89	Soil	13,680	1.52
08/14/2021	10:50:47	78784.16	394724.13	37.98	Soil	13,020	1.06
08/14/2021	10:50:48	78784.03	394723.82	38.08	Soil	13,380	1.31
08/14/2021	10:50:49	78783.82	394723.59	38.09	Soil	13,680	1.52
08/14/2021	10:50:50	78783.94	394723.32	38.18	Soil	12,540	0.72
08/14/2021	10:50:51	78783.66	394723.13	38.20	Soil	12,480	0.68
08/14/2021	10:50:52	78783.90	394723.07	38.27	Soil	12,960	1.02
08/14/2021	10:50:53	78784.01	394722.83	38.24	Soil	12,900	0.98
08/14/2021	10:50:54	78784.04	394722.96	38.14	Soil	11,640	0.09
08/14/2021	10:50:55	78784.13	394723.12	38.11	Soil	11,760	0.18
08/14/2021	10:50:56	78784.08	394723.19	38.10	Soil	13,020	1.06
08/14/2021	10:50:57	78784.07	394723.20	38.09	Soil	12,840	0.93
08/14/2021	10:50:58	78784.30	394723.27	38.02	Soil	14,100	1.82
08/14/2021	10:50:59	78784.24	394723.45	37.97	Soil	12,600	0.76
08/14/2021	10:51:00	78784.42	394723.59	37.88	Soil	12,480	0.68
08/14/2021	10:51:01	78784.36	394723.83	37.78	Soil	14,340	1.99
08/14/2021	10:51:02	78784.57	394723.99	37.73	Soil	14,100	1.82

SU 7D GWS RESULTS
(SOIL)

08/14/2021	10:51:03	78784.40	394724.22	37.64	Soil	12,240	0.51
08/14/2021	10:51:04	78784.59	394724.47	37.53	Soil	13,380	1.31
08/14/2021	10:51:05	78784.51	394724.72	37.48	Soil	12,960	1.02
08/14/2021	10:51:06	78784.77	394724.87	37.39	Soil	13,020	1.06
08/14/2021	10:51:07	78784.75	394725.16	37.31	Soil	11,580	0.05
08/14/2021	10:51:08	78784.89	394725.35	37.18	Soil	12,660	0.81
08/14/2021	10:51:09	78784.98	394725.62	37.12	Soil	12,360	0.60
08/14/2021	10:51:10	78784.94	394725.85	37.05	Soil	10,740	-0.54
08/14/2021	10:51:11	78785.15	394726.03	36.95	Soil	14,460	2.07
08/14/2021	10:51:12	78785.09	394726.24	36.91	Soil	11,880	0.26
08/14/2021	10:51:13	78785.24	394726.50	36.81	Soil	12,240	0.51
08/14/2021	10:51:14	78785.20	394726.75	36.77	Soil	14,160	1.86
08/14/2021	10:51:15	78785.13	394727.04	36.70	Soil	12,540	0.72
08/14/2021	10:51:16	78785.28	394727.30	36.66	Soil	14,760	2.28
08/14/2021	10:51:17	78785.25	394727.54	36.60	Soil	11,400	-0.08
08/14/2021	10:51:18	78785.42	394727.76	36.39	Soil	12,120	0.43
08/14/2021	10:51:19	78785.38	394728.06	36.32	Soil	10,620	-0.62
08/14/2021	10:51:20	78785.44	394728.34	36.39	Soil	11,760	0.18
08/14/2021	10:51:21	78785.59	394728.26	36.35	Soil	12,480	0.68
08/14/2021	10:51:22	78785.80	394728.25	36.43	Soil	13,560	1.44
08/14/2021	10:51:23	78785.59	394727.87	36.68	Soil	11,640	0.09
08/14/2021	10:51:24	78785.43	394727.51	36.68	Soil	11,880	0.26
08/14/2021	10:51:25	78785.61	394727.18	36.79	Soil	13,380	1.31
08/14/2021	10:51:26	78785.34	394726.90	36.87	Soil	13,560	1.44
08/14/2021	10:51:27	78785.42	394726.56	36.96	Soil	12,840	0.93
08/14/2021	10:51:28	78785.23	394726.21	37.07	Soil	12,780	0.89
08/14/2021	10:51:29	78785.16	394725.88	37.15	Soil	11,580	0.05
08/14/2021	10:51:30	78785.02	394725.59	37.29	Soil	14,760	2.28
08/14/2021	10:51:31	78784.92	394725.34	37.33	Soil	12,900	0.98
08/14/2021	10:51:32	78784.89	394725.16	37.43	Soil	13,080	1.10
08/14/2021	10:51:33	78784.73	394724.90	37.52	Soil	13,560	1.44
08/14/2021	10:51:34	78784.75	394724.58	37.65	Soil	13,380	1.31
08/14/2021	10:51:35	78784.54	394724.39	37.72	Soil	11,820	0.22
08/14/2021	10:51:36	78784.58	394724.02	37.80	Soil	12,120	0.43
08/14/2021	10:51:37	78784.49	394723.67	37.88	Soil	12,060	0.39
08/14/2021	10:51:38	78784.33	394723.38	38.01	Soil	12,900	0.98
08/14/2021	10:51:39	78784.22	394723.06	38.12	Soil	11,580	0.05
08/14/2021	10:51:40	78784.29	394722.73	38.16	Soil	11,640	0.09
08/14/2021	10:51:41	78784.24	394722.85	38.12	Soil	11,940	0.30
08/14/2021	10:51:42	78784.56	394722.91	38.05	Soil	12,720	0.85
08/14/2021	10:51:43	78784.42	394723.14	37.98	Soil	12,240	0.51
08/14/2021	10:51:44	78784.68	394723.31	37.89	Soil	13,320	1.27
08/14/2021	10:51:45	78784.62	394723.57	37.84	Soil	12,720	0.85
08/14/2021	10:51:46	78784.81	394723.74	37.76	Soil	12,900	0.98
08/14/2021	10:51:47	78784.82	394724.01	37.66	Soil	13,920	1.69
08/14/2021	10:51:48	78784.98	394724.25	37.60	Soil	11,880	0.26
08/14/2021	10:51:49	78785.05	394724.48	37.46	Soil	12,180	0.47
08/14/2021	10:51:50	78785.13	394724.76	37.40	Soil	14,160	1.86
08/14/2021	10:51:51	78785.34	394725.07	37.29	Soil	13,200	1.19
08/14/2021	10:51:52	78785.21	394725.34	37.24	Soil	12,360	0.60
08/14/2021	10:51:53	78785.51	394725.54	37.14	Soil	12,420	0.64

SU 7D GWS RESULTS
(SOIL)

08/14/2021	10:51:54	78785.36	394725.79	37.05	Soil	11,760	0.18
08/14/2021	10:51:55	78785.59	394726.11	36.95	Soil	13,320	1.27
08/14/2021	10:51:56	78785.64	394726.41	36.89	Soil	12,960	1.02
08/14/2021	10:51:57	78785.43	394726.58	36.78	Soil	12,540	0.72
08/14/2021	10:51:58	78785.56	394726.91	36.69	Soil	11,340	-0.12
08/14/2021	10:51:59	78785.51	394727.29	36.68	Soil	12,240	0.51
08/14/2021	10:52:00	78785.44	394727.70	36.58	Soil	12,540	0.72
08/14/2021	10:52:01	78785.57	394727.89	36.48	Soil	13,620	1.48
08/14/2021	10:52:02	78785.59	394728.17	36.56	Soil	13,680	1.52
08/14/2021	10:52:03	78785.83	394727.97	36.55	Soil	11,340	-0.12
08/14/2021	10:52:04	78785.81	394727.90	36.66	Soil	12,300	0.55
08/14/2021	10:52:05	78785.87	394727.59	36.73	Soil	12,240	0.51
08/14/2021	10:52:06	78785.50	394727.38	36.79	Soil	12,480	0.68
08/14/2021	10:52:07	78785.59	394727.06	36.88	Soil	13,080	1.10
08/14/2021	10:52:08	78785.26	394726.80	36.96	Soil	12,780	0.89
08/14/2021	10:52:09	78785.45	394726.36	37.08	Soil	12,960	1.02
08/14/2021	10:52:10	78785.37	394725.93	37.20	Soil	12,540	0.72
08/14/2021	10:52:11	78785.30	394725.63	37.27	Soil	12,240	0.51
08/14/2021	10:52:12	78785.30	394725.31	37.37	Soil	13,500	1.40
08/14/2021	10:52:13	78785.09	394725.17	37.49	Soil	12,000	0.34
08/14/2021	10:52:14	78785.24	394724.76	37.62	Soil	11,280	-0.16
08/14/2021	10:52:15	78785.00	394724.41	37.72	Soil	12,780	0.89
08/14/2021	10:52:16	78784.97	394724.01	37.83	Soil	12,420	0.64
08/14/2021	10:52:17	78784.83	394723.71	37.91	Soil	12,000	0.34
08/14/2021	10:52:18	78784.63	394723.55	37.83	Soil	12,960	1.02
08/14/2021	10:52:19	78784.52	394722.94	37.40	Soil	12,420	0.64
08/14/2021	10:52:20	78784.34	394722.73	37.38	Soil	11,040	-0.33
08/14/2021	10:52:21	78784.35	394722.77	37.38	Soil	15,720	2.95
08/14/2021	10:52:22	78784.46	394723.13	37.73	Soil	12,240	0.51
08/14/2021	10:52:23	78784.45	394723.20	37.73	Soil	12,780	0.89
08/14/2021	10:52:24	78784.45	394723.23	37.74	Soil	13,140	1.14
08/14/2021	10:52:25	78784.47	394723.20	37.74	Soil	12,000	0.34
08/14/2021	10:52:26	78784.48	394723.20	37.75	Soil	14,100	1.82
08/14/2021	10:52:27	78784.47	394723.23	37.82	Soil	12,180	0.47
08/14/2021	10:52:28	78784.41	394723.37	37.87	Soil	14,580	2.15
08/14/2021	10:52:29	78784.47	394723.04	37.99	Soil	12,840	0.93
08/14/2021	10:52:30	78784.46	394722.83	38.08	Soil	10,740	-0.54
08/14/2021	10:52:31	78784.60	394722.58	38.06	Soil	13,200	1.19
08/14/2021	10:52:32	78784.73	394722.67	38.03	Soil	12,780	0.89
08/14/2021	10:52:33	78784.82	394722.76	37.94	Soil	12,540	0.72
08/14/2021	10:52:34	78784.87	394723.02	37.86	Soil	13,500	1.40
08/14/2021	10:52:35	78784.90	394723.30	37.80	Soil	12,300	0.55
08/14/2021	10:52:36	78785.16	394723.57	37.75	Soil	13,800	1.61
08/14/2021	10:52:37	78785.02	394723.73	37.69	Soil	13,020	1.06
08/14/2021	10:52:38	78785.16	394723.98	37.58	Soil	13,440	1.35
08/14/2021	10:52:39	78785.12	394724.32	37.53	Soil	11,940	0.30
08/14/2021	10:52:40	78785.38	394724.55	37.45	Soil	13,200	1.19
08/14/2021	10:52:41	78785.30	394724.75	37.36	Soil	13,500	1.40
08/14/2021	10:52:42	78785.56	394725.00	37.28	Soil	12,900	0.98
08/14/2021	10:52:43	78785.38	394725.26	37.22	Soil	12,780	0.89
08/14/2021	10:52:44	78785.54	394725.53	37.15	Soil	13,740	1.56

SU 7D GWS RESULTS
(SOIL)

08/14/2021	10:52:45	78785.47	394725.78	37.09	Soil	12,900	0.98
08/14/2021	10:52:46	78785.68	394726.04	37.00	Soil	12,420	0.64
08/14/2021	10:52:47	78785.52	394726.28	36.96	Soil	12,000	0.34
08/14/2021	10:52:48	78785.72	394726.56	36.87	Soil	10,260	-0.88
08/14/2021	10:52:49	78785.56	394726.82	36.79	Soil	12,000	0.34
08/14/2021	10:52:50	78785.70	394727.12	36.74	Soil	13,380	1.31
08/14/2021	10:52:51	78785.61	394727.43	36.67	Soil	12,060	0.39
08/14/2021	10:52:52	78785.64	394727.75	36.61	Soil	12,600	0.76
08/14/2021	10:52:53	78785.64	394728.00	36.42	Soil	11,040	-0.33
08/14/2021	10:52:54	78785.85	394728.33	36.39	Soil	11,700	0.13
08/14/2021	10:52:55	78786.07	394728.39	36.46	Soil	12,120	0.43
08/14/2021	10:52:56	78786.19	394728.12	36.56	Soil	12,120	0.43
08/14/2021	10:52:57	78785.97	394727.84	36.67	Soil	11,700	0.13
08/14/2021	10:52:58	78786.03	394727.55	36.72	Soil	14,940	2.41
08/14/2021	10:52:59	78786.01	394727.25	36.81	Soil	14,940	2.41
08/14/2021	10:53:00	78785.81	394726.93	36.86	Soil	12,060	0.39
08/14/2021	10:53:01	78785.91	394726.58	36.96	Soil	13,380	1.31
08/14/2021	10:53:02	78785.85	394726.24	37.07	Soil	13,260	1.23
08/14/2021	10:53:03	78785.68	394725.93	37.16	Soil	13,680	1.52
08/14/2021	10:53:04	78785.84	394725.57	37.28	Soil	13,320	1.27
08/14/2021	10:53:05	78785.63	394725.28	37.36	Soil	12,060	0.39
08/14/2021	10:53:06	78785.65	394725.04	37.43	Soil	13,560	1.44
08/14/2021	10:53:07	78785.45	394724.76	37.55	Soil	13,740	1.56
08/14/2021	10:53:08	78785.39	394724.48	37.65	Soil	14,460	2.07
08/14/2021	10:53:09	78785.38	394724.10	37.75	Soil	12,480	0.68
08/14/2021	10:53:10	78785.14	394723.78	37.81	Soil	11,100	-0.29
08/14/2021	10:53:11	78785.26	394723.47	37.93	Soil	13,500	1.40
08/14/2021	10:53:12	78785.09	394722.97	37.97	Soil	13,860	1.65
08/14/2021	10:53:13	78785.29	394722.85	38.01	Soil	13,740	1.56
08/14/2021	10:53:14	78785.20	394722.78	37.99	Soil	12,180	0.47
08/14/2021	10:53:15	78785.49	394722.94	37.89	Soil	10,440	-0.75
08/14/2021	10:53:16	78785.42	394723.12	37.82	Soil	13,980	1.73
08/14/2021	10:53:17	78785.66	394723.36	37.75	Soil	14,700	2.24
08/14/2021	10:53:18	78785.58	394723.54	37.68	Soil	12,300	0.55
08/14/2021	10:53:19	78785.68	394723.73	37.60	Soil	12,600	0.76
08/14/2021	10:53:20	78785.66	394723.96	37.51	Soil	12,060	0.39
08/14/2021	10:53:21	78785.69	394724.25	37.45	Soil	13,020	1.06
08/14/2021	10:53:22	78785.74	394724.45	37.37	Soil	13,380	1.31
08/14/2021	10:53:23	78785.73	394724.68	37.32	Soil	12,000	0.34
08/14/2021	10:53:24	78785.96	394724.85	37.26	Soil	12,780	0.89
08/14/2021	10:53:25	78785.89	394725.00	37.16	Soil	11,460	-0.04
08/14/2021	10:53:26	78785.95	394725.34	37.09	Soil	12,600	0.76
08/14/2021	10:53:27	78785.77	394725.62	37.03	Soil	12,240	0.51
08/14/2021	10:53:28	78785.98	394725.82	36.94	Soil	14,220	1.90
08/14/2021	10:53:29	78785.81	394726.03	36.89	Soil	13,260	1.23
08/14/2021	10:53:30	78786.10	394726.22	36.84	Soil	11,820	0.22
08/14/2021	10:53:31	78785.95	394726.40	36.79	Soil	12,180	0.47
08/14/2021	10:53:32	78786.16	394726.56	36.72	Soil	10,920	-0.41
08/14/2021	10:53:33	78785.99	394726.78	36.66	Soil	11,400	-0.08
08/14/2021	10:53:34	78786.10	394727.04	36.59	Soil	12,360	0.60
08/14/2021	10:53:35	78786.08	394727.31	36.58	Soil	11,520	0.01

SU 7D GWS RESULTS
(SOIL)

08/14/2021	10:53:36	78786.07	394727.56	36.58	Soil	11,280	-0.16
08/14/2021	10:53:37	78785.95	394727.82	36.35	Soil	11,940	0.30
08/14/2021	10:53:38	78786.23	394728.08	36.22	Soil	13,620	1.48
08/14/2021	10:53:39	78786.35	394728.35	36.23	Soil	13,680	1.52
08/14/2021	10:53:40	78786.53	394728.32	36.32	Soil	11,640	0.09
08/14/2021	10:53:41	78786.38	394728.18	36.35	Soil	11,880	0.26
08/14/2021	10:53:42	78786.48	394727.77	36.53	Soil	13,500	1.40
08/14/2021	10:53:43	78786.28	394727.51	36.60	Soil	13,620	1.48
08/14/2021	10:53:44	78786.27	394727.28	36.67	Soil	13,080	1.10
08/14/2021	10:53:45	78786.22	394726.96	36.81	Soil	13,200	1.19
08/14/2021	10:53:46	78786.03	394726.67	36.87	Soil	11,940	0.30
08/14/2021	10:53:47	78786.12	394726.33	36.97	Soil	12,360	0.60
08/14/2021	10:53:48	78785.90	394726.00	37.07	Soil	12,480	0.68
08/14/2021	10:53:49	78785.95	394725.65	37.18	Soil	12,600	0.76
08/14/2021	10:53:50	78785.80	394725.33	37.32	Soil	13,620	1.48
08/14/2021	10:53:51	78785.69	394725.02	37.42	Soil	13,740	1.56
08/14/2021	10:53:52	78785.84	394724.70	37.52	Soil	13,080	1.10
08/14/2021	10:53:53	78785.59	394724.37	37.59	Soil	13,980	1.73
08/14/2021	10:53:54	78785.73	394724.05	37.67	Soil	13,680	1.52
08/14/2021	10:53:55	78785.40	394723.91	37.74	Soil	11,160	-0.25
08/14/2021	10:53:56	78785.41	394723.47	37.82	Soil	14,040	1.78
08/14/2021	10:53:57	78785.36	394723.15	37.91	Soil	12,120	0.43
08/14/2021	10:53:58	78785.50	394722.90	37.97	Soil	13,260	1.23
08/14/2021	10:53:59	78785.40	394722.98	37.95	Soil	13,380	1.31
08/14/2021	10:54:00	78785.77	394723.09	37.90	Soil	10,740	-0.54
08/14/2021	10:54:01	78785.67	394723.25	37.86	Soil	13,500	1.40
08/14/2021	10:54:02	78785.87	394723.45	37.78	Soil	12,060	0.39
08/14/2021	10:54:03	78785.81	394723.62	37.72	Soil	12,120	0.43
08/14/2021	10:54:04	78785.94	394723.83	37.65	Soil	12,660	0.81
08/14/2021	10:54:05	78785.97	394723.98	37.65	Soil	11,580	0.05
08/14/2021	10:54:06	78786.00	394724.18	37.50	Soil	10,860	-0.46
08/14/2021	10:54:07	78786.05	394724.37	37.44	Soil	12,600	0.76
08/14/2021	10:54:08	78786.13	394724.59	37.38	Soil	11,100	-0.29
08/14/2021	10:54:09	78786.25	394724.82	37.28	Soil	13,980	1.73
08/14/2021	10:54:10	78786.11	394725.01	37.24	Soil	15,480	2.79
08/14/2021	10:54:11	78786.23	394725.20	37.15	Soil	12,180	0.47
08/14/2021	10:54:12	78786.13	394725.38	37.09	Soil	13,560	1.44
08/14/2021	10:54:13	78786.30	394725.64	37.02	Soil	11,700	0.13
08/14/2021	10:54:14	78786.14	394725.82	36.97	Soil	12,180	0.47
08/14/2021	10:54:15	78786.36	394726.08	36.89	Soil	11,520	0.01
08/14/2021	10:54:16	78786.26	394726.28	36.89	Soil	12,360	0.60
08/14/2021	10:54:17	78786.31	394726.59	36.79	Soil	11,580	0.05
08/14/2021	10:54:18	78786.45	394726.83	36.62	Soil	12,180	0.47
08/14/2021	10:54:19	78786.36	394727.04	36.61	Soil	12,480	0.68
08/14/2021	10:54:20	78786.55	394727.32	36.57	Soil	13,200	1.19
08/14/2021	10:54:21	78786.35	394727.57	36.46	Soil	11,760	0.18
08/14/2021	10:54:22	78786.53	394727.86	36.27	Soil	13,200	1.19
08/14/2021	10:54:23	78786.53	394728.24	36.31	Soil	11,460	-0.04
08/14/2021	10:54:24	78786.68	394728.07	36.31	Soil	12,000	0.34
08/14/2021	10:54:25	78786.85	394728.15	36.38	Soil	12,960	1.02
08/14/2021	10:54:26	78786.81	394727.86	36.50	Soil	13,620	1.48

SU 7D GWS RESULTS
(SOIL)

08/14/2021	10:54:27	78786.64	394727.63	36.58	Soil	14,280	1.94
08/14/2021	10:54:28	78786.83	394727.35	36.63	Soil	12,780	0.89
08/14/2021	10:54:29	78786.64	394727.04	36.73	Soil	12,180	0.47
08/14/2021	10:54:30	78786.48	394726.61	36.84	Soil	12,660	0.81
08/14/2021	10:54:31	78786.38	394726.26	36.92	Soil	12,780	0.89
08/14/2021	10:54:32	78786.53	394726.08	36.97	Soil	11,220	-0.20
08/14/2021	10:54:33	78786.31	394725.70	37.06	Soil	12,720	0.85
08/14/2021	10:54:34	78786.37	394725.49	37.12	Soil	13,800	1.61
08/14/2021	10:54:35	78786.32	394725.14	37.25	Soil	12,780	0.89
08/14/2021	10:54:36	78786.13	394724.96	37.25	Soil	14,820	2.32
08/14/2021	10:54:37	78786.13	394724.70	37.44	Soil	12,300	0.55
08/14/2021	10:54:38	78785.91	394724.40	37.51	Soil	12,300	0.55
08/14/2021	10:54:39	78785.97	394724.06	37.58	Soil	12,600	0.76
08/14/2021	10:54:40	78785.74	394723.81	37.58	Soil	13,620	1.48
08/14/2021	10:54:41	78785.79	394723.46	37.67	Soil	13,500	1.40
08/14/2021	10:54:42	78785.76	394723.37	37.87	Soil	12,840	0.93
08/14/2021	10:54:43	78786.05	394723.22	37.87	Soil	11,700	0.13
08/14/2021	10:54:44	78785.96	394723.28	37.83	Soil	12,300	0.55
08/14/2021	10:54:45	78786.26	394723.44	37.74	Soil	12,060	0.39
08/14/2021	10:54:46	78786.16	394723.71	37.74	Soil	12,840	0.93
08/14/2021	10:54:47	78786.39	394724.00	37.53	Soil	13,080	1.10
08/14/2021	10:54:48	78786.39	394724.25	37.46	Soil	12,180	0.47
08/14/2021	10:54:49	78786.42	394724.43	37.46	Soil	11,880	0.26
08/14/2021	10:54:50	78786.47	394724.64	37.28	Soil	13,020	1.06
08/14/2021	10:54:51	78786.43	394724.88	37.25	Soil	11,160	-0.25
08/14/2021	10:54:52	78786.61	394725.15	37.25	Soil	13,200	1.19
08/14/2021	10:54:53	78786.43	394725.33	37.08	Soil	14,040	1.78
08/14/2021	10:54:54	78786.52	394725.49	37.01	Soil	12,720	0.85
08/14/2021	10:54:55	78786.49	394725.71	36.96	Soil	12,840	0.93
08/14/2021	10:54:56	78786.78	394726.00	36.87	Soil	12,180	0.47
08/14/2021	10:54:57	78786.76	394726.26	36.87	Soil	12,240	0.51
08/14/2021	10:54:58	78786.84	394726.53	36.71	Soil	12,120	0.43
08/14/2021	10:54:59	78786.76	394726.70	36.61	Soil	9,600	-1.34
08/14/2021	10:55:00	78787.05	394727.12	36.61	Soil	11,760	0.18
08/14/2021	10:55:01	78786.95	394727.30	36.54	Soil	11,280	-0.16
08/14/2021	10:55:02	78786.82	394727.45	36.48	Soil	12,480	0.68
08/14/2021	10:55:03	78786.98	394727.78	36.24	Soil	12,420	0.64
08/14/2021	10:55:04	78786.96	394728.10	36.20	Soil	11,640	0.09
08/14/2021	10:55:05	78787.31	394728.15	36.22	Soil	12,300	0.55
08/14/2021	10:55:06	78787.39	394728.19	36.22	Soil	12,480	0.68
08/14/2021	10:55:06	78787.21	394727.82	36.35	Soil	12,600	0.76
08/14/2021	10:55:08	78787.30	394727.67	36.56	Soil	12,060	0.39
08/14/2021	10:55:08	78786.96	394727.43	36.56	Soil	12,600	0.76
08/14/2021	10:55:09	78787.46	394727.10	36.68	Soil	12,120	0.43
08/14/2021	10:55:11	78787.34	394726.94	36.80	Soil	11,880	0.26
08/14/2021	10:55:12	78787.07	394726.72	36.80	Soil	11,640	0.09
08/14/2021	10:55:12	78787.31	394726.47	37.00	Soil	12,300	0.55
08/14/2021	10:55:13	78786.93	394726.21	37.04	Soil	11,700	0.13
08/14/2021	10:55:15	78787.12	394725.84	37.17	Soil	12,660	0.81
08/14/2021	10:55:16	78786.92	394725.69	37.23	Soil	12,840	0.93
08/14/2021	10:55:16	78787.06	394725.42	37.23	Soil	11,940	0.30

SU 7D GWS RESULTS
(SOIL)

08/14/2021	10:55:17	78786.89	394725.19	37.31	Soil	12,240	0.51
08/14/2021	10:55:19	78786.96	394724.79	37.49	Soil	14,280	1.94
08/14/2021	10:55:20	78786.74	394724.47	37.53	Soil	11,580	0.05
08/14/2021	10:55:20	78786.73	394724.09	37.53	Soil	12,540	0.72
08/14/2021	10:55:22	78786.64	394723.72	37.62	Soil	12,780	0.89
08/14/2021	10:55:23	78786.45	394723.44	37.81	Soil	12,660	0.81
08/14/2021	10:55:23	78786.54	394723.12	37.89	Soil	12,960	1.02
08/14/2021	10:55:24	78786.24	394722.68	38.06	Soil	13,500	1.40
08/14/2021	10:55:25	78786.35	394722.68	38.06	Soil	12,600	0.76
08/14/2021	10:55:26	78786.53	394722.57	38.09	Soil	13,080	1.10
08/14/2021	10:55:28	78786.59	394722.74	38.04	Soil	13,560	1.44
08/14/2021	10:55:28	78786.52	394722.98	37.94	Soil	12,840	0.93
08/14/2021	10:55:29	78786.79	394723.24	37.80	Soil	11,220	-0.20
08/14/2021	10:55:30	78786.65	394723.54	37.80	Soil	12,360	0.60
08/14/2021	10:55:31	78786.86	394723.83	37.65	Soil	13,500	1.40
08/14/2021	10:55:32	78786.84	394724.08	37.54	Soil	12,480	0.68
08/14/2021	10:55:33	78787.03	394724.23	37.42	Soil	12,720	0.85
08/14/2021	10:55:35	78787.00	394724.44	37.42	Soil	12,360	0.60
08/14/2021	10:55:35	78787.05	394724.67	37.35	Soil	11,100	-0.29
08/14/2021	10:55:37	78787.12	394725.31	37.20	Soil	9,480	-1.42
08/14/2021	10:55:40	78787.43	394726.02	36.85	Soil	11,280	-0.16
08/14/2021	10:55:41	78787.34	394726.34	36.85	Soil	10,560	-0.67
08/14/2021	10:55:42	78787.55	394726.64	36.79	Soil	12,720	0.85
08/14/2021	10:55:43	78787.64	394726.95	36.74	Soil	12,300	0.55
08/14/2021	10:55:44	78787.62	394727.29	36.70	Soil	11,640	0.09
08/14/2021	10:55:45	78787.66	394727.58	36.43	Soil	13,500	1.40
08/14/2021	10:55:46	78787.85	394727.77	36.28	Soil	13,380	1.31
08/14/2021	10:55:47	78787.61	394728.01	36.28	Soil	11,040	-0.33
08/14/2021	10:55:48	78787.84	394728.22	36.23	Soil	12,600	0.76
08/14/2021	10:55:49	78787.87	394728.21	36.26	Soil	12,120	0.43
08/14/2021	10:55:50	78787.74	394728.14	36.27	Soil	9,720	-1.26
08/14/2021	10:55:51	78787.53	394728.21	36.27	Soil	12,600	0.76
08/14/2021	10:55:52	78787.58	394728.11	36.33	Soil	12,720	0.85
08/14/2021	10:55:53	78787.45	394727.92	36.33	Soil	11,640	0.09
08/14/2021	10:55:54	78787.48	394727.74	36.39	Soil	12,480	0.68
08/14/2021	10:55:55	78787.18	394727.46	36.50	Soil	10,380	-0.79
08/14/2021	10:55:56	78787.06	394727.35	36.54	Soil	14,040	1.78
08/14/2021	10:55:57	78786.95	394727.39	36.55	Soil	13,200	1.19
08/14/2021	10:55:58	78787.11	394727.24	36.70	Soil	11,280	-0.16
08/14/2021	10:56:00	78787.11	394726.84	36.73	Soil	13,200	1.19
08/14/2021	10:56:00	78787.05	394726.84	36.73	Soil	12,420	0.64
08/14/2021	10:56:01	78786.97	394726.81	36.72	Soil	13,140	1.14
08/14/2021	10:56:02	78787.05	394726.81	36.76	Soil	13,800	1.61
08/14/2021	10:56:03	78787.01	394726.58	36.76	Soil	12,300	0.55
08/14/2021	10:56:04	78786.92	394726.82	36.72	Soil	12,960	1.02
08/14/2021	10:56:05	78787.20	394726.91	36.76	Soil	13,260	1.23
08/14/2021	10:56:07	78787.23	394727.29	36.73	Soil	12,660	0.81
08/14/2021	10:56:07	78787.50	394727.05	36.78	Soil	11,760	0.18
08/14/2021	10:56:08	78787.74	394727.34	36.78	Soil	11,940	0.30
08/14/2021	10:56:09	78787.98	394727.18	36.75	Soil	12,660	0.81
08/14/2021	10:56:10	78788.41	394727.18	36.84	Soil	11,400	-0.08

SU 7D GWS RESULTS
(SOIL)

08/14/2021	10:56:11	78788.29	394727.01	36.85	Soil	11,280	-0.16
08/14/2021	10:56:12	78788.17	394726.78	36.95	Soil	11,280	-0.16
08/14/2021	10:56:13	78787.89	394726.65	36.97	Soil	13,320	1.27
08/14/2021	10:56:14	78788.08	394726.40	37.01	Soil	11,760	0.18
08/14/2021	10:56:15	78787.68	394726.18	37.01	Soil	13,560	1.44
08/14/2021	10:56:20	78787.21	394725.06	37.28	Soil	12,480	0.68
08/14/2021	10:56:21	78787.16	394724.86	37.34	Soil	13,860	1.65
08/14/2021	10:56:22	78787.06	394724.68	37.34	Soil	11,100	-0.29
08/14/2021	10:56:23	78786.78	394724.60	37.43	Soil	11,400	-0.08
08/14/2021	10:56:24	78786.82	394724.23	37.45	Soil	13,920	1.69
08/14/2021	10:56:25	78786.65	394723.97	37.51	Soil	11,340	-0.12
08/14/2021	10:56:26	78786.81	394723.62	37.72	Soil	11,580	0.05
08/14/2021	10:56:27	78786.78	394723.34	37.72	Soil	11,460	-0.04
08/14/2021	10:56:28	78786.75	394723.02	37.86	Soil	12,420	0.64
08/14/2021	10:56:29	78786.82	394723.19	37.86	Soil	14,880	2.36
08/14/2021	10:56:30	78787.21	394723.33	37.87	Soil	11,640	0.09
08/14/2021	10:56:32	78787.16	394723.48	37.79	Soil	12,240	0.51
08/14/2021	10:56:32	78787.30	394723.77	37.68	Soil	12,180	0.47
08/14/2021	10:56:33	78787.57	394724.13	37.59	Soil	12,060	0.39
08/14/2021	10:56:35	78787.48	394724.37	37.50	Soil	14,460	2.07
08/14/2021	10:56:36	78787.48	394724.45	37.45	Soil	12,000	0.34
08/14/2021	10:56:37	78787.63	394724.68	37.35	Soil	13,500	1.40
08/14/2021	10:56:43	78788.12	394726.35	36.98	Soil	11,460	-0.04
08/14/2021	10:56:45	78788.03	394726.68	36.81	Soil	13,260	1.23
08/14/2021	10:56:45	78788.15	394726.84	36.81	Soil	12,420	0.64
08/14/2021	10:56:47	78787.94	394726.84	36.76	Soil	12,000	0.34
08/14/2021	10:56:48	78787.99	394726.99	36.74	Soil	11,580	0.05
08/14/2021	10:56:48	78788.09	394726.79	36.75	Soil	11,880	0.26
08/14/2021	10:56:49	78787.98	394726.74	36.73	Soil	10,860	-0.46
08/14/2021	10:56:51	78787.70	394726.87	36.71	Soil	12,480	0.68
08/14/2021	10:56:51	78787.46	394726.94	36.72	Soil	13,620	1.48
08/14/2021	10:56:53	78787.59	394727.01	36.70	Soil	13,020	1.06
08/14/2021	10:56:54	78787.27	394726.97	36.70	Soil	12,000	0.34
08/14/2021	10:56:54	78787.45	394726.95	36.72	Soil	14,040	1.78
08/14/2021	10:56:55	78787.38	394726.64	36.79	Soil	11,220	-0.20
08/14/2021	10:56:57	78787.85	394726.56	36.84	Soil	11,640	0.09
08/14/2021	10:56:58	78787.80	394726.22	36.96	Soil	12,000	0.34
08/14/2021	10:57:13	78788.02	394724.65	37.46	Soil	12,540	0.72
08/14/2021	10:57:13	78787.78	394724.40	37.54	Soil	12,060	0.39
08/14/2021	10:57:14	78787.93	394724.37	37.56	Soil	11,160	-0.25
08/14/2021	10:57:15	78788.06	394724.52	37.55	Soil	10,920	-0.41
08/14/2021	11:48:21	78793.42	394752.17	40.51	Soil	11,940	0.31
08/14/2021	11:48:22	78793.82	394752.32	40.51	Soil	13,440	1.37
08/14/2021	11:48:23	78793.47	394752.54	40.63	Soil	10,920	-0.42
08/14/2021	11:48:24	78793.61	394752.80	40.62	Soil	10,800	-0.50
08/14/2021	11:48:25	78793.58	394752.71	40.63	Soil	11,580	0.05
08/14/2021	11:48:26	78793.43	394752.58	40.56	Soil	10,620	-0.63
08/14/2021	11:49:04	78793.85	394752.90	40.54	Soil	11,160	-0.25
08/14/2021	11:49:05	78793.90	394753.15	40.62	Soil	13,260	1.24
08/14/2021	11:49:06	78794.11	394753.38	40.64	Soil	12,180	0.48
08/14/2021	11:49:07	78793.98	394753.44	40.58	Soil	12,360	0.61

SU 7D GWS RESULTS
(SOIL)

08/14/2021	11:49:08	78793.75	394753.54	40.50	Soil	11,100	-0.29
08/14/2021	11:49:48	78793.75	394753.81	40.37	Soil	10,860	-0.46
08/14/2021	11:49:49	78793.99	394753.63	40.50	Soil	13,320	1.29
08/14/2021	11:49:50	78794.25	394753.86	40.54	Soil	11,820	0.22
08/14/2021	11:49:51	78794.30	394754.06	40.64	Soil	12,480	0.69
08/14/2021	11:49:52	78794.43	394754.44	40.58	Soil	13,260	1.24
08/14/2021	11:49:53	78794.44	394754.25	40.73	Soil	12,960	1.03
08/14/2021	11:49:54	78794.37	394754.15	40.69	Soil	12,300	0.56
08/14/2021	11:49:55	78794.20	394754.26	40.66	Soil	11,880	0.27
08/14/2021	11:49:56	78794.08	394754.14	40.58	Soil	12,900	0.99
08/14/2021	11:49:57	78793.95	394754.19	40.57	Soil	10,980	-0.37
08/14/2021	11:49:58	78793.80	394754.15	40.48	Soil	12,720	0.86
08/14/2021	11:50:32	78793.75	394754.42	40.50	Soil	12,960	1.03
08/14/2021	11:50:33	78793.98	394754.34	40.58	Soil	12,900	0.99
08/14/2021	11:50:34	78794.04	394754.31	40.59	Soil	11,580	0.05
08/14/2021	11:50:35	78794.04	394754.26	40.59	Soil	13,140	1.16
08/14/2021	11:50:36	78794.03	394754.24	40.58	Soil	12,180	0.48
08/14/2021	11:50:37	78794.02	394754.26	40.57	Soil	12,780	0.90
08/14/2021	11:50:38	78794.02	394754.30	40.56	Soil	12,480	0.69
08/14/2021	11:50:39	78794.07	394754.34	40.55	Soil	11,280	-0.16
08/14/2021	11:50:40	78794.20	394754.53	40.56	Soil	13,740	1.58
08/14/2021	11:50:41	78794.35	394754.56	40.76	Soil	14,880	2.39
08/14/2021	11:50:41	78794.35	394754.56	40.76	Soil	14,880	2.36
08/14/2021	11:50:42	78794.36	394754.59	40.75	Soil	13,380	1.33
08/14/2021	11:50:43	78794.33	394754.40	40.69	Soil	12,360	0.61
08/14/2021	11:50:44	78794.16	394754.39	40.62	Soil	11,940	0.31
08/14/2021	11:50:45	78793.99	394754.39	40.59	Soil	10,080	-1.01
08/14/2021	11:50:46	78793.79	394754.50	40.52	Soil	12,000	0.35
08/14/2021	11:51:33	78793.66	394755.04	40.47	Soil	11,760	0.18
08/14/2021	11:51:34	78793.87	394755.01	40.50	Soil	12,480	0.69
08/14/2021	11:51:35	78793.78	394755.22	40.58	Soil	12,720	0.86
08/14/2021	11:51:36	78793.69	394755.25	40.54	Soil	12,180	0.48
08/14/2021	11:52:09	78793.76	394755.23	40.62	Soil	11,640	0.10
08/14/2021	11:52:10	78793.85	394755.31	40.68	Soil	12,240	0.52
08/14/2021	11:52:11	78794.04	394755.15	40.73	Soil	13,980	1.75
08/14/2021	11:52:12	78794.10	394755.30	40.78	Soil	13,140	1.16
08/14/2021	11:52:13	78794.28	394755.56	40.81	Soil	11,220	-0.20
08/14/2021	11:52:14	78794.15	394755.36	40.78	Soil	11,700	0.14
08/14/2021	11:52:15	78794.11	394755.23	40.77	Soil	12,540	0.73
08/14/2021	11:52:16	78794.04	394755.18	40.75	Soil	14,280	1.97
08/14/2021	11:52:17	78794.06	394755.04	40.72	Soil	12,900	0.99
08/14/2021	11:52:18	78794.09	394754.90	40.73	Soil	12,780	0.90
08/14/2021	11:52:19	78793.97	394754.85	40.69	Soil	13,860	1.67
08/14/2021	11:52:20	78793.88	394754.76	40.64	Soil	12,960	1.03
08/14/2021	11:52:21	78793.78	394754.79	40.65	Soil	11,580	0.05
08/14/2021	11:52:22	78793.70	394754.78	40.60	Soil	13,020	1.07
08/14/2021	11:52:29	78793.62	394755.24	40.51	Soil	9,960	-1.10
08/14/2021	11:52:30	78793.98	394755.48	40.70	Soil	10,680	-0.59
08/14/2021	11:52:31	78794.06	394755.59	40.73	Soil	11,160	-0.25
08/14/2021	11:52:32	78793.97	394755.57	40.68	Soil	10,380	-0.80
08/14/2021	11:52:33	78793.79	394755.71	40.66	Soil	10,020	-1.05

SU 7D GWS RESULTS
(SOIL)

08/14/2021	11:52:34	78793.74	394755.57	40.61	Soil	10,980	-0.37
08/14/2021	11:52:35	78793.58	394755.59	40.55	Soil	12,840	0.95
08/14/2021	11:53:09	78793.90	394755.59	40.72	Soil	12,480	0.69
08/14/2021	11:53:10	78794.08	394755.79	40.78	Soil	10,860	-0.46
08/14/2021	11:53:11	78794.20	394756.08	40.89	Soil	11,940	0.31
08/14/2021	11:53:12	78794.17	394756.09	40.90	Soil	10,200	-0.93
08/14/2021	11:53:13	78793.96	394756.18	40.83	Soil	12,180	0.48
08/14/2021	11:53:14	78793.76	394756.19	40.69	Soil	13,080	1.12
08/14/2021	11:53:15	78793.59	394756.07	40.63	Soil	10,080	-1.01
08/14/2021	11:53:50	78793.60	394756.31	40.68	Soil	11,760	0.18
08/14/2021	11:53:51	78793.64	394756.41	40.69	Soil	12,840	0.95
08/14/2021	11:53:52	78793.66	394756.62	40.66	Soil	11,760	0.18
08/14/2021	11:53:53	78793.62	394756.65	40.67	Soil	11,100	-0.29
08/14/2021	11:53:54	78793.55	394756.65	40.64	Soil	11,760	0.18
08/14/2021	11:55:18	78793.48	394757.09	40.84	Soil	12,900	0.99
08/14/2021	11:55:19	78793.49	394757.12	40.91	Soil	11,340	-0.12
08/14/2021	11:56:38	78793.43	394757.45	40.89	Soil	9,900	-1.14
08/14/2021	11:56:39	78793.46	394757.31	40.94	Soil	11,700	0.14
08/14/2021	11:56:40	78793.50	394757.24	40.96	Soil	12,900	0.99
08/14/2021	11:57:18	78793.47	394757.79	40.87	Soil	11,520	0.01
08/14/2021	11:57:19	78793.68	394757.70	40.98	Soil	12,660	0.82
08/14/2021	11:57:20	78793.60	394757.61	40.97	Soil	10,680	-0.59
08/14/2021	11:57:21	78793.50	394757.51	40.95	Soil	14,400	2.05
08/14/2021	11:58:00	78793.52	394757.75	40.93	Soil	12,180	0.48
08/14/2021	11:58:01	78793.66	394757.91	41.02	Soil	12,000	0.35
08/14/2021	11:58:02	78793.75	394758.07	41.03	Soil	12,060	0.39
08/14/2021	11:58:03	78793.62	394758.07	40.99	Soil	10,740	-0.54
08/14/2021	11:58:04	78793.41	394757.98	40.89	Soil	10,980	-0.37
08/14/2021	11:58:37	78793.47	394758.38	40.97	Soil	14,100	1.84
08/14/2021	11:58:38	78793.47	394758.42	40.97	Soil	9,120	-1.69
08/14/2021	11:59:37	78793.33	394758.60	40.95	Soil	12,660	0.82
08/14/2021	11:59:38	78793.43	394758.64	40.96	Soil	12,780	0.90
08/14/2021	11:59:39	78793.55	394758.57	40.97	Soil	10,080	-1.01
08/14/2021	11:59:40	78793.63	394758.42	40.94	Soil	12,060	0.39
08/14/2021	11:59:41	78793.49	394758.51	40.94	Soil	12,660	0.82
08/14/2021	11:59:42	78793.38	394758.54	40.95	Soil	12,300	0.56
08/14/2021	11:59:43	78793.36	394758.60	40.96	Soil	12,780	0.90
08/14/2021	11:59:44	78793.36	394758.63	40.95	Soil	10,800	-0.50
08/14/2021	12:00:31	78793.36	394759.05	40.83	Soil	11,700	0.14
08/14/2021	12:00:32	78793.37	394759.16	40.75	Soil	12,900	0.99
08/14/2021	12:01:21	78793.30	394759.11	40.94	Soil	10,920	-0.42
08/14/2021	12:01:22	78793.41	394759.15	40.93	Soil	11,760	0.18
08/14/2021	12:01:23	78793.31	394759.13	40.92	Soil	12,120	0.44
08/14/2021	12:03:47	78789.61	394758.75	40.74	Soil	11,880	0.27
08/14/2021	12:03:48	78789.47	394758.85	40.74	Soil	11,460	-0.03
08/14/2021	12:03:49	78789.44	394758.97	40.71	Soil	12,540	0.73
08/14/2021	12:03:50	78789.46	394758.92	40.73	Soil	12,780	0.90
08/14/2021	12:05:43	78789.60	394759.02	40.24	Soil	14,280	1.97
08/14/2021	12:05:44	78789.55	394759.09	40.24	Soil	13,560	1.46
08/14/2021	12:05:45	78789.46	394759.20	40.27	Soil	13,140	1.16
08/14/2021	12:05:46	78789.43	394759.31	40.31	Soil	12,960	1.03

SU 7D GWS RESULTS
(SOIL)

08/14/2021	12:05:47	78789.41	394759.48	40.28	Soil	11,820	0.22
08/14/2021	12:05:48	78789.37	394759.74	40.05	Soil	12,660	0.82
08/14/2021	12:05:49	78789.39	394760.01	40.02	Soil	12,300	0.56
08/14/2021	12:05:50	78789.33	394760.26	39.84	Soil	12,600	0.78
08/14/2021	12:05:51	78789.28	394760.41	39.85	Soil	13,140	1.16
08/14/2021	12:05:52	78789.25	394760.59	39.84	Soil	9,780	-1.22
08/14/2021	12:05:53	78789.17	394760.90	39.81	Soil	12,600	0.78
08/14/2021	12:05:54	78789.12	394761.15	39.79	Soil	12,720	0.86
08/14/2021	12:05:55	78789.09	394761.42	39.81	Soil	10,440	-0.76
08/14/2021	12:05:56	78788.97	394761.73	39.84	Soil	11,820	0.22
08/14/2021	12:05:57	78789.00	394762.03	39.88	Soil	11,340	-0.12
08/14/2021	12:05:58	78789.10	394762.28	39.87	Soil	11,820	0.22
08/14/2021	12:05:59	78789.17	394762.40	39.89	Soil	11,820	0.22
08/14/2021	12:06:00	78789.19	394762.51	39.87	Soil	11,040	-0.33
08/14/2021	12:06:01	78789.14	394762.72	39.78	Soil	12,840	0.95
08/14/2021	12:06:02	78789.19	394763.00	39.66	Soil	11,040	-0.33
08/14/2021	12:06:03	78789.23	394763.27	39.57	Soil	11,100	-0.29
08/14/2021	12:06:04	78789.07	394763.48	39.20	Soil	10,380	-0.80
08/14/2021	12:06:05	78788.94	394763.76	39.06	Soil	12,420	0.65
08/14/2021	12:06:06	78789.09	394764.03	38.97	Soil	11,040	-0.33
08/14/2021	12:06:07	78789.25	394764.13	38.98	Soil	12,120	0.44
08/14/2021	12:06:08	78789.26	394764.22	38.95	Soil	11,760	0.18
08/14/2021	12:06:50	78793.07	394765.89	38.22	Soil	10,380	-0.80
08/14/2021	12:06:51	78793.07	394765.88	38.24	Soil	11,880	0.27
08/14/2021	12:06:52	78793.17	394765.79	38.27	Soil	11,160	-0.25
08/14/2021	12:06:53	78793.30	394765.55	38.34	Soil	10,500	-0.71
08/14/2021	12:06:54	78793.48	394765.28	38.52	Soil	11,340	-0.12
08/14/2021	12:06:55	78793.59	394765.06	38.57	Soil	10,260	-0.88
08/14/2021	12:06:56	78793.61	394764.87	38.63	Soil	11,220	-0.20
08/14/2021	12:06:57	78793.63	394764.67	38.67	Soil	11,520	0.01
08/14/2021	12:06:58	78793.65	394764.42	38.80	Soil	10,680	-0.59
08/14/2021	12:06:59	78793.71	394764.13	38.82	Soil	12,000	0.35
08/14/2021	12:07:00	78793.58	394763.74	38.88	Soil	11,160	-0.25
08/14/2021	12:07:01	78793.53	394763.34	38.88	Soil	10,140	-0.97
08/14/2021	12:07:02	78793.42	394763.02	39.05	Soil	10,980	-0.37
08/14/2021	12:07:03	78793.48	394762.73	39.10	Soil	10,260	-0.88
08/14/2021	12:07:04	78793.44	394762.45	39.13	Soil	11,160	-0.25
08/14/2021	12:07:05	78793.31	394762.11	39.20	Soil	12,360	0.61
08/14/2021	12:07:06	78793.24	394761.74	39.27	Soil	11,340	-0.12
08/14/2021	12:07:07	78793.13	394761.47	39.35	Soil	12,120	0.44
08/14/2021	12:07:08	78793.20	394761.17	39.43	Soil	11,460	-0.03
08/14/2021	12:07:34	78793.09	394762.27	38.78	Soil	10,260	-0.88
08/14/2021	12:07:35	78793.14	394762.56	38.71	Soil	12,120	0.44
08/14/2021	12:07:36	78793.19	394762.90	38.63	Soil	10,260	-0.88
08/14/2021	12:07:37	78793.19	394763.24	38.47	Soil	11,820	0.22
08/14/2021	12:07:38	78793.20	394763.50	38.45	Soil	12,060	0.39
08/14/2021	12:07:39	78793.27	394763.73	38.38	Soil	10,020	-1.05
08/14/2021	12:07:40	78793.28	394764.01	38.32	Soil	11,340	-0.12
08/14/2021	12:07:41	78793.30	394764.25	38.30	Soil	12,600	0.78
08/14/2021	12:07:42	78793.34	394764.54	38.26	Soil	11,640	0.10
08/14/2021	12:07:43	78793.38	394764.94	38.09	Soil	12,120	0.44

SU 7D GWS RESULTS
(SOIL)

08/14/2021	12:07:44	78793.26	394765.31	37.88	Soil	11,040	-0.33
08/14/2021	12:07:45	78793.04	394765.57	37.60	Soil	9,840	-1.18
08/14/2021	12:07:46	78793.02	394765.56	37.78	Soil	11,820	0.22
08/14/2021	12:07:47	78793.09	394765.39	37.79	Soil	11,820	0.22
08/14/2021	12:07:48	78793.09	394765.34	37.87	Soil	11,220	-0.20
08/14/2021	12:07:49	78793.11	394765.31	37.90	Soil	11,100	-0.29
08/14/2021	12:07:50	78793.04	394765.35	37.89	Soil	11,880	0.27
08/14/2021	12:07:51	78792.99	394765.39	37.91	Soil	12,420	0.65
08/14/2021	12:07:52	78792.97	394765.39	37.95	Soil	11,880	0.27
08/14/2021	12:07:53	78792.93	394765.42	37.94	Soil	11,760	0.18
08/14/2021	12:07:54	78792.87	394765.48	37.96	Soil	12,660	0.82
08/14/2021	12:07:55	78793.00	394765.56	37.99	Soil	11,100	-0.29
08/14/2021	12:07:56	78793.14	394765.67	38.01	Soil	12,000	0.35
08/14/2021	12:07:57	78792.98	394765.67	38.04	Soil	12,180	0.48
08/14/2021	12:07:58	78792.81	394765.66	38.04	Soil	10,860	-0.46
08/14/2021	12:08:00	78792.79	394765.69	38.06	Soil	8,580	-2.08
08/14/2021	12:10:56	78793.32	394766.90	43.73	Soil	7,560	-2.80
08/14/2021	12:10:57	78793.34	394766.63	43.90	Soil	11,220	-0.20
08/14/2021	12:11:32	78792.95	394766.31	42.67	Soil	9,720	-1.27
08/14/2021	12:11:33	78792.88	394766.17	42.60	Soil	12,480	0.69
08/14/2021	12:11:34	78792.81	394766.19	42.54	Soil	10,320	-0.84
08/14/2021	12:11:35	78792.75	394766.23	42.32	Soil	13,800	1.63
08/14/2021	12:12:08	78793.36	394767.03	41.42	Soil	10,560	-0.67
08/14/2021	12:12:09	78793.51	394766.70	41.70	Soil	11,100	-0.29
08/14/2021	12:12:10	78793.57	394766.42	41.64	Soil	11,160	-0.25
08/14/2021	12:12:11	78793.59	394766.46	41.56	Soil	10,560	-0.67
08/14/2021	12:12:12	78793.64	394766.51	41.56	Soil	9,660	-1.31
08/14/2021	12:12:13	78793.60	394766.59	41.42	Soil	9,840	-1.18
08/14/2021	12:12:14	78793.55	394766.74	41.20	Soil	10,800	-0.50
08/14/2021	12:12:15	78793.49	394766.93	41.01	Soil	11,100	-0.29
08/14/2021	12:12:16	78793.38	394767.05	40.96	Soil	9,120	-1.69
08/14/2021	12:12:17	78793.33	394767.15	40.90	Soil	8,640	-2.03
08/14/2021	12:12:18	78793.29	394767.28	40.83	Soil	8,040	-2.46
08/14/2021	12:12:26	78793.32	394767.53	41.35	Soil	8,700	-1.99
08/14/2021	12:12:27	78793.55	394767.38	41.58	Soil	9,240	-1.61
08/14/2021	12:12:28	78793.68	394767.16	41.77	Soil	8,040	-2.46
08/14/2021	12:12:29	78793.76	394766.92	41.75	Soil	8,760	-1.95
08/14/2021	12:12:30	78793.84	394766.66	41.96	Soil	9,180	-1.65
08/14/2021	12:12:31	78794.00	394766.31	42.13	Soil	10,260	-0.88
08/14/2021	12:12:32	78794.20	394765.94	42.34	Soil	11,040	-0.33
08/14/2021	12:12:33	78794.37	394765.57	42.15	Soil	10,500	-0.71
08/14/2021	12:12:34	78794.47	394765.26	42.23	Soil	10,320	-0.84
08/14/2021	12:12:35	78794.55	394765.05	42.33	Soil	10,980	-0.37
08/14/2021	12:12:36	78794.60	394765.06	42.39	Soil	10,080	-1.01
08/14/2021	12:12:37	78794.58	394765.13	42.41	Soil	12,120	0.44
08/14/2021	12:12:38	78794.52	394765.15	42.38	Soil	9,540	-1.39
08/14/2021	12:12:39	78794.47	394765.16	42.37	Soil	12,780	0.90
08/14/2021	12:12:40	78794.36	394765.16	42.35	Soil	9,840	-1.18
08/14/2021	12:12:41	78794.17	394765.15	42.42	Soil	9,840	-1.18
08/14/2021	12:12:42	78793.90	394765.10	42.47	Soil	11,580	0.05
08/14/2021	12:12:43	78793.76	394764.94	42.51	Soil	12,600	0.78

SU 7D GWS RESULTS
(SOIL)

08/14/2021	12:12:44	78793.56	394764.80	42.39	Soil	11,820	0.22
08/14/2021	12:12:45	78793.55	394764.82	42.33	Soil	11,460	-0.03
08/14/2021	12:12:46	78793.45	394764.82	42.28	Soil	12,420	0.65
08/14/2021	12:12:47	78793.37	394764.89	42.18	Soil	12,300	0.56
08/14/2021	12:12:48	78793.25	394764.94	42.09	Soil	11,220	-0.20
08/14/2021	12:12:49	78793.13	394764.96	42.07	Soil	11,340	-0.12
08/14/2021	12:12:50	78793.00	394764.94	42.03	Soil	11,280	-0.16
08/14/2021	12:12:51	78792.94	394764.98	41.88	Soil	10,200	-0.93
08/14/2021	12:12:52	78792.92	394765.08	41.72	Soil	12,540	0.73
08/14/2021	12:12:53	78792.92	394765.22	41.59	Soil	11,760	0.18
08/14/2021	12:12:54	78792.98	394765.25	41.39	Soil	10,200	-0.93
08/14/2021	12:12:55	78793.01	394765.35	41.19	Soil	12,780	0.90
08/14/2021	12:12:56	78793.10	394765.43	41.04	Soil	10,680	-0.59
08/14/2021	12:12:57	78793.15	394765.53	40.95	Soil	10,920	-0.42
08/14/2021	12:12:58	78793.24	394765.53	40.84	Soil	9,960	-1.10
08/14/2021	12:12:59	78793.36	394765.60	40.74	Soil	11,940	0.31
08/14/2021	12:13:00	78793.48	394765.66	40.61	Soil	10,620	-0.63
08/14/2021	12:13:01	78793.55	394765.73	40.40	Soil	11,700	0.14
08/14/2021	12:13:02	78793.65	394765.85	40.22	Soil	11,220	-0.20
08/14/2021	12:13:03	78793.77	394765.93	40.00	Soil	10,620	-0.63
08/14/2021	12:13:04	78793.94	394765.99	40.01	Soil	11,640	0.10
08/14/2021	12:13:05	78794.11	394765.86	39.98	Soil	9,780	-1.22
08/14/2021	12:13:06	78794.27	394765.88	39.90	Soil	10,800	-0.50
08/14/2021	12:13:07	78794.42	394765.89	39.80	Soil	9,660	-1.31
08/14/2021	12:13:08	78794.61	394765.75	39.84	Soil	12,120	0.44
08/14/2021	12:13:09	78794.79	394765.69	39.78	Soil	11,400	-0.08
08/14/2021	12:13:10	78794.73	394765.68	39.70	Soil	11,100	-0.29
08/14/2021	12:13:11	78794.59	394765.93	39.54	Soil	12,960	1.03
08/14/2021	12:13:12	78794.44	394765.89	39.41	Soil	11,640	0.10
08/14/2021	12:13:13	78794.26	394765.87	39.19	Soil	12,000	0.35
08/14/2021	12:13:14	78794.11	394766.00	39.09	Soil	9,780	-1.22
08/14/2021	12:13:15	78793.94	394765.97	38.87	Soil	9,300	-1.56
08/14/2021	12:13:16	78793.78	394766.07	38.84	Soil	10,020	-1.05
08/14/2021	12:13:17	78793.56	394765.99	38.67	Soil	10,200	-0.93
08/14/2021	12:13:18	78793.36	394766.10	38.59	Soil	10,200	-0.93
08/14/2021	12:13:19	78793.13	394766.09	38.48	Soil	11,580	0.05
08/14/2021	12:13:20	78792.89	394766.19	38.40	Soil	13,320	1.29
08/14/2021	12:14:01	78792.85	394766.12	38.09	Soil	10,860	-0.46
08/14/2021	12:14:02	78793.12	394766.07	38.19	Soil	11,700	0.14
08/14/2021	12:14:03	78793.33	394765.98	38.28	Soil	11,040	-0.33
08/14/2021	12:14:04	78793.36	394765.84	38.18	Soil	13,140	1.16
08/14/2021	12:14:05	78793.09	394765.73	38.22	Soil	11,880	0.27
08/14/2021	12:14:06	78792.99	394765.69	38.13	Soil	11,700	0.14
08/14/2021	12:14:07	78792.81	394765.81	38.07	Soil	9,360	-1.52
08/14/2021	12:14:43	78792.86	394765.98	37.73	Soil	10,680	-0.59
08/14/2021	12:14:44	78793.05	394765.92	37.82	Soil	10,560	-0.67
08/14/2021	12:14:45	78793.37	394765.93	37.85	Soil	10,740	-0.54
08/14/2021	12:14:46	78793.34	394765.74	37.85	Soil	10,860	-0.46
08/14/2021	12:14:47	78793.05	394765.79	37.86	Soil	11,460	-0.03
08/14/2021	12:14:48	78793.04	394765.76	37.87	Soil	11,400	-0.08
08/14/2021	12:14:49	78792.97	394765.72	37.84	Soil	10,680	-0.59

SU 7D GWS RESULTS
(SOIL)

08/14/2021	12:14:50	78792.80	394765.65	37.75	Soil	10,380	-0.80
08/14/2021	12:15:40	78792.92	394765.45	38.41	Soil	10,020	-1.05
08/14/2021	12:15:41	78793.11	394765.41	38.47	Soil	11,280	-0.16
08/14/2021	12:15:42	78793.27	394765.33	38.62	Soil	11,220	-0.20
08/14/2021	12:15:43	78793.27	394765.17	38.58	Soil	10,620	-0.63
08/14/2021	12:15:44	78793.18	394765.20	38.60	Soil	10,680	-0.59
08/14/2021	12:15:45	78793.10	394765.08	38.49	Soil	11,400	-0.08
08/14/2021	12:15:46	78792.92	394765.12	38.46	Soil	13,080	1.12
08/14/2021	12:16:41	78792.88	394765.22	38.25	Soil	10,860	-0.46
08/14/2021	12:16:42	78793.19	394765.38	38.40	Soil	12,120	0.44
08/14/2021	12:16:43	78793.44	394765.24	38.57	Soil	11,220	-0.20
08/14/2021	12:16:44	78793.80	394765.41	38.67	Soil	11,460	-0.03
08/14/2021	12:16:45	78793.79	394765.12	38.74	Soil	11,400	-0.08
08/14/2021	12:16:46	78793.84	394764.84	38.71	Soil	10,620	-0.63
08/14/2021	12:16:47	78793.57	394764.79	38.70	Soil	12,060	0.39
08/14/2021	12:16:48	78793.45	394764.69	38.57	Soil	10,200	-0.93
08/14/2021	12:16:49	78793.33	394764.82	38.57	Soil	9,120	-1.69
08/14/2021	12:16:50	78793.14	394764.70	38.42	Soil	11,160	-0.25
08/14/2021	12:16:51	78792.99	394764.80	38.39	Soil	10,140	-0.97
08/14/2021	12:17:27	78793.06	394764.83	38.44	Soil	13,080	1.12
08/14/2021	12:17:28	78793.31	394764.79	38.60	Soil	10,800	-0.50
08/14/2021	12:17:29	78793.61	394764.72	38.68	Soil	12,480	0.69
08/14/2021	12:17:30	78793.83	394764.65	38.76	Soil	9,060	-1.73
08/14/2021	12:17:31	78793.98	394764.46	38.82	Soil	11,100	-0.29
08/14/2021	12:17:32	78793.78	394764.34	38.82	Soil	8,760	-1.95
08/14/2021	12:17:33	78793.62	394764.23	38.77	Soil	12,000	0.35
08/14/2021	12:17:34	78793.44	394764.31	38.66	Soil	10,440	-0.76
08/14/2021	12:17:35	78793.21	394764.30	38.53	Soil	11,100	-0.29
08/14/2021	12:17:36	78792.98	394764.43	38.47	Soil	12,840	0.95
08/14/2021	12:19:05	78792.86	394764.42	38.38	Soil	10,440	-0.76
08/14/2021	12:19:06	78793.15	394764.32	38.54	Soil	9,660	-1.31
08/14/2021	12:19:07	78793.36	394764.30	38.57	Soil	10,380	-0.80
08/14/2021	12:19:08	78793.26	394764.07	38.68	Soil	10,500	-0.71
08/14/2021	12:19:09	78793.25	394763.82	38.64	Soil	10,020	-1.05
08/14/2021	12:19:10	78793.15	394763.97	38.63	Soil	10,740	-0.54
08/14/2021	12:19:11	78792.94	394763.85	38.50	Soil	11,160	-0.25
08/14/2021	12:19:52	78793.04	394764.15	38.45	Soil	11,160	-0.25
08/14/2021	12:19:53	78793.41	394764.10	38.58	Soil	10,980	-0.37
08/14/2021	12:19:54	78793.68	394764.11	38.67	Soil	11,220	-0.20
08/14/2021	12:19:55	78793.69	394763.91	38.75	Soil	11,280	-0.16
08/14/2021	12:19:56	78793.76	394763.60	38.76	Soil	12,000	0.35
08/14/2021	12:19:57	78793.55	394763.68	38.76	Soil	10,080	-1.01
08/14/2021	12:19:58	78793.31	394763.51	38.60	Soil	9,000	-1.78
08/14/2021	12:19:59	78793.08	394763.74	38.55	Soil	10,800	-0.50
08/14/2021	12:20:34	78789.26	394763.16	39.48	Soil	10,260	-0.88
08/14/2021	12:20:35	78789.30	394763.18	39.50	Soil	10,920	-0.42
08/14/2021	12:20:36	78789.24	394763.51	39.38	Soil	10,260	-0.88
08/14/2021	12:20:37	78789.20	394763.66	39.37	Soil	10,920	-0.42
08/14/2021	12:20:38	78789.09	394763.66	39.30	Soil	10,620	-0.63
08/14/2021	12:20:39	78788.78	394763.83	39.40	Soil	9,300	-1.56
08/14/2021	12:20:40	78788.63	394764.12	39.32	Soil	9,600	-1.35

SU 7D GWS RESULTS
(SOIL)

08/14/2021	12:20:41	78788.69	394764.39	39.15	Soil	10,080	-1.01
08/14/2021	12:20:42	78788.80	394764.41	39.11	Soil	11,340	-0.12
08/14/2021	12:20:43	78788.86	394764.28	39.07	Soil	10,560	-0.67
08/14/2021	12:20:44	78788.98	394764.16	38.98	Soil	11,040	-0.33
08/14/2021	12:20:45	78789.21	394764.12	38.98	Soil	10,680	-0.59
08/14/2021	12:20:46	78789.24	394764.04	38.95	Soil	12,000	0.35
08/14/2021	12:20:48	78789.29	394763.83	38.87	Soil	12,000	0.35
08/14/2021	12:21:08	78792.96	394763.53	38.51	Soil	9,960	-1.10
08/14/2021	12:21:09	78793.20	394763.28	38.55	Soil	9,540	-1.39
08/14/2021	12:21:10	78793.57	394763.50	38.55	Soil	9,900	-1.14
08/14/2021	12:21:11	78793.46	394763.39	38.52	Soil	11,520	0.01
08/14/2021	12:21:12	78793.32	394763.55	38.49	Soil	11,100	-0.29
08/14/2021	12:21:13	78793.11	394763.47	38.40	Soil	11,040	-0.33
08/14/2021	12:21:42	78789.09	394762.78	39.66	Soil	9,780	-1.22
08/14/2021	12:21:43	78789.17	394762.68	39.69	Soil	10,560	-0.67
08/14/2021	12:21:44	78789.11	394762.77	39.73	Soil	11,220	-0.20
08/14/2021	12:21:45	78789.19	394762.74	39.73	Soil	10,980	-0.37
08/14/2021	12:21:46	78789.14	394762.89	39.68	Soil	9,900	-1.14
08/14/2021	12:21:47	78789.21	394762.92	39.67	Soil	9,960	-1.10
08/14/2021	12:22:05	78792.97	394763.13	39.04	Soil	11,400	-0.08
08/14/2021	12:22:06	78793.13	394763.00	39.08	Soil	11,040	-0.33
08/14/2021	12:22:07	78793.31	394763.00	39.14	Soil	11,640	0.10
08/14/2021	12:22:08	78793.16	394762.87	39.19	Soil	9,900	-1.14
08/14/2021	12:22:09	78793.14	394762.63	39.18	Soil	9,840	-1.18
08/14/2021	12:22:10	78793.02	394762.73	39.14	Soil	10,740	-0.54
08/14/2021	12:22:35	78789.26	394762.46	40.32	Soil	10,020	-1.05
08/14/2021	12:22:36	78789.12	394762.57	40.36	Soil	10,740	-0.54
08/14/2021	12:22:37	78789.14	394762.23	40.42	Soil	11,280	-0.16
08/14/2021	12:22:38	78788.99	394762.08	40.41	Soil	10,260	-0.88
08/14/2021	12:22:39	78789.03	394762.32	40.37	Soil	11,100	-0.29
08/14/2021	12:22:40	78789.22	394762.18	40.35	Soil	12,060	0.39
08/14/2021	12:23:10	78793.04	394763.05	39.28	Soil	11,100	-0.29
08/14/2021	12:23:11	78793.10	394762.99	39.30	Soil	8,640	-2.03
08/14/2021	12:23:12	78793.03	394762.75	39.29	Soil	11,040	-0.33
08/14/2021	12:23:29	78789.23	394762.20	40.24	Soil	10,140	-0.97
08/14/2021	12:23:30	78789.15	394762.18	40.26	Soil	11,520	0.01
08/14/2021	12:23:31	78789.03	394762.08	40.25	Soil	11,040	-0.33
08/14/2021	12:23:32	78789.18	394762.19	40.18	Soil	12,480	0.69
08/14/2021	12:23:33	78789.36	394761.93	40.15	Soil	10,740	-0.54
08/14/2021	12:24:28	78789.22	394761.60	40.13	Soil	14,700	2.27
08/14/2021	12:24:29	78789.27	394761.62	40.11	Soil	11,460	-0.03
08/14/2021	12:24:30	78789.38	394761.49	40.08	Soil	12,120	0.44
08/14/2021	12:25:38	78793.09	394762.51	39.23	Soil	13,320	1.29
08/14/2021	12:25:39	78793.31	394762.69	39.25	Soil	11,820	0.22
08/14/2021	12:26:43	78793.32	394762.18	39.36	Soil	11,340	-0.12
08/14/2021	12:26:44	78793.10	394761.81	39.43	Soil	9,300	-1.56
08/14/2021	12:26:45	78793.09	394761.92	39.40	Soil	11,460	-0.03
08/14/2021	12:27:04	78789.47	394761.06	39.98	Soil	9,300	-1.56
08/14/2021	12:29:08	78793.69	394759.88	40.09	Soil	11,580	0.05
08/14/2021	12:29:10	78793.79	394760.28	40.27	Soil	11,460	-0.03
08/14/2021	12:29:10	78793.59	394760.43	40.28	Soil	12,120	0.44

SU 7D GWS RESULTS
(SOIL)

08/14/2021	12:29:12	78793.41	394760.46	40.23	Soil	13,080	1.12
08/14/2021	12:29:14	78793.23	394759.86	40.03	Soil	10,260	-0.88
08/14/2021	12:29:15	78793.66	394759.69	40.32	Soil	10,560	-0.67
08/14/2021	12:29:17	78793.71	394759.38	40.64	Soil	11,700	0.14
08/14/2021	12:29:17	78793.79	394759.22	40.68	Soil	12,540	0.73
08/14/2021	12:29:19	78793.47	394759.25	40.66	Soil	11,460	-0.03
08/14/2021	12:29:20	78793.35	394759.20	40.62	Soil	11,280	-0.16
08/14/2021	12:29:41	78789.39	394759.58	40.20	Soil	12,720	0.86
08/14/2021	12:29:42	78789.34	394759.80	40.19	Soil	14,160	1.88
08/14/2021	12:29:43	78789.23	394759.94	40.17	Soil	12,360	0.61
08/14/2021	12:29:44	78789.32	394759.86	40.19	Soil	12,360	0.61
08/14/2021	12:29:45	78789.31	394759.95	40.19	Soil	12,720	0.86
08/14/2021	12:30:05	78789.12	394759.99	40.12	Soil	11,100	-0.29
08/14/2021	12:30:06	78789.05	394759.97	40.27	Soil	11,940	0.31
08/14/2021	12:30:07	78788.91	394760.32	40.28	Soil	10,860	-0.46
08/14/2021	12:30:08	78789.06	394760.56	40.25	Soil	12,480	0.69
08/14/2021	12:30:09	78789.08	394760.80	40.09	Soil	13,020	1.07
08/14/2021	12:30:10	78789.27	394760.84	39.97	Soil	10,440	-0.76
08/14/2021	12:30:11	78789.36	394760.48	39.95	Soil	10,500	-0.71
08/14/2021	12:31:11	78789.52	394759.77	40.28	Soil	13,020	1.07
08/18/2021	17:15:09	78790.19	394722.03	39.11	Soil	11,100	-0.29
08/18/2021	17:15:10	78790.08	394722.02	39.03	Soil	12,720	0.85
08/18/2021	17:15:11	78790.01	394722.08	39.09	Soil	11,340	-0.12
08/18/2021	17:15:12	78790.05	394721.92	39.14	Soil	13,020	1.06
08/18/2021	17:15:13	78790.05	394721.88	39.12	Soil	12,420	0.64
08/18/2021	17:15:14	78789.93	394721.79	39.12	Soil	12,000	0.34
08/18/2021	17:15:15	78789.84	394721.67	39.09	Soil	12,720	0.85
08/18/2021	17:15:16	78789.63	394721.62	39.09	Soil	11,040	-0.33
08/18/2021	17:15:17	78789.51	394721.53	39.06	Soil	12,480	0.68
08/18/2021	17:15:18	78789.29	394721.55	39.07	Soil	12,120	0.43
08/18/2021	17:15:19	78789.11	394721.45	39.00	Soil	13,020	1.06
08/18/2021	17:15:20	78788.97	394721.47	38.98	Soil	9,660	-1.30
08/18/2021	17:15:21	78788.79	394721.38	38.97	Soil	11,220	-0.20
08/18/2021	17:15:22	78788.65	394721.33	38.95	Soil	10,920	-0.41
08/18/2021	17:15:23	78788.44	394721.28	38.94	Soil	11,160	-0.25
08/18/2021	17:15:24	78788.31	394721.19	38.88	Soil	12,840	0.93
08/18/2021	17:15:25	78788.12	394721.18	38.88	Soil	11,640	0.09
08/18/2021	17:15:26	78788.01	394721.06	38.87	Soil	12,480	0.68
08/18/2021	17:15:27	78787.82	394721.08	38.77	Soil	13,620	1.48
08/18/2021	17:15:28	78787.58	394721.17	38.71	Soil	11,580	0.05
08/18/2021	17:15:29	78787.46	394721.26	38.69	Soil	9,720	-1.26
08/18/2021	17:15:30	78787.49	394721.30	38.70	Soil	11,760	0.18
08/18/2021	17:15:31	78787.59	394721.40	38.71	Soil	10,980	-0.37
08/18/2021	17:15:32	78787.73	394721.57	38.75	Soil	10,800	-0.50
08/18/2021	17:15:33	78787.90	394721.55	38.82	Soil	8,700	-1.97
08/18/2021	17:15:34	78788.02	394721.59	38.84	Soil	11,520	0.01
08/18/2021	17:15:35	78788.24	394721.60	38.90	Soil	11,220	-0.20
08/18/2021	17:15:36	78788.45	394721.62	38.92	Soil	11,940	0.30
08/18/2021	17:15:37	78788.62	394721.67	38.94	Soil	12,720	0.85
08/18/2021	17:15:38	78788.82	394721.76	38.99	Soil	11,820	0.22
08/18/2021	17:15:39	78788.99	394721.80	39.00	Soil	14,580	2.15

SU 7D GWS RESULTS
(SOIL)

08/18/2021	17:15:40	78789.17	394721.90	39.00	Soil	9,960	-1.09
08/18/2021	17:15:41	78789.34	394721.92	39.04	Soil	12,360	0.60
08/18/2021	17:15:42	78789.57	394722.05	39.08	Soil	11,880	0.26
08/18/2021	17:15:43	78789.78	394722.04	39.05	Soil	11,880	0.26
08/18/2021	17:15:44	78789.92	394722.12	39.03	Soil	10,500	-0.71
08/18/2021	17:15:45	78789.87	394722.25	38.98	Soil	11,340	-0.12
08/18/2021	17:15:46	78789.70	394722.26	38.96	Soil	12,120	0.43
08/18/2021	17:15:47	78789.56	394722.21	38.95	Soil	11,640	0.09
08/18/2021	17:15:48	78789.42	394722.17	38.93	Soil	10,080	-1.00
08/18/2021	17:15:49	78789.32	394722.13	38.89	Soil	10,560	-0.67
08/18/2021	17:15:50	78789.17	394722.07	38.87	Soil	13,560	1.44
08/18/2021	17:15:51	78789.01	394722.02	38.84	Soil	10,200	-0.92
08/18/2021	17:15:52	78788.84	394721.99	38.80	Soil	11,760	0.18
08/18/2021	17:15:53	78788.68	394721.89	38.79	Soil	13,200	1.19
08/18/2021	17:15:54	78788.53	394721.81	38.76	Soil	11,220	-0.20
08/18/2021	17:15:55	78788.41	394721.75	38.74	Soil	12,300	0.55
08/18/2021	17:15:56	78788.19	394721.74	38.76	Soil	11,220	-0.20
08/18/2021	17:15:57	78788.06	394721.62	38.72	Soil	10,440	-0.75
08/18/2021	17:15:58	78787.85	394721.53	38.68	Soil	10,620	-0.62
08/18/2021	17:15:59	78787.61	394721.42	38.65	Soil	10,560	-0.67
08/18/2021	17:16:00	78787.47	394721.50	38.64	Soil	10,380	-0.79
08/18/2021	17:16:01	78787.56	394721.59	38.64	Soil	10,440	-0.75
08/18/2021	17:16:02	78787.69	394721.78	38.70	Soil	12,180	0.47
08/18/2021	17:16:03	78787.88	394721.80	38.66	Soil	11,880	0.26
08/18/2021	17:16:04	78788.04	394721.96	38.64	Soil	12,840	0.93
08/18/2021	17:16:05	78788.21	394722.03	38.63	Soil	11,940	0.30
08/18/2021	17:16:06	78788.39	394722.18	38.73	Soil	10,080	-1.00
08/18/2021	17:16:07	78788.64	394722.24	38.68	Soil	13,320	1.27
08/18/2021	17:16:08	78788.76	394722.41	38.71	Soil	10,620	-0.62
08/18/2021	17:16:09	78788.94	394722.50	38.70	Soil	11,820	0.22
08/18/2021	17:16:10	78789.05	394722.60	38.73	Soil	11,160	-0.25
08/18/2021	17:16:11	78789.23	394722.65	38.67	Soil	10,800	-0.50
08/18/2021	17:16:12	78789.30	394722.75	38.69	Soil	10,500	-0.71
08/18/2021	17:16:13	78789.44	394722.76	38.67	Soil	11,580	0.05
08/18/2021	17:16:14	78789.55	394722.85	38.62	Soil	12,660	0.81
08/18/2021	17:16:15	78789.66	394722.93	38.57	Soil	14,280	1.94
08/18/2021	17:16:16	78789.74	394723.10	38.61	Soil	10,740	-0.54
08/18/2021	17:16:17	78789.65	394723.12	38.58	Soil	11,880	0.26
08/18/2021	17:16:18	78789.48	394723.11	38.52	Soil	10,500	-0.71
08/18/2021	17:16:19	78789.30	394723.07	38.57	Soil	12,960	1.02
08/18/2021	17:16:20	78789.20	394722.90	38.54	Soil	10,380	-0.79
08/18/2021	17:16:21	78789.03	394722.87	38.58	Soil	11,220	-0.20
08/18/2021	17:16:22	78788.92	394722.71	38.52	Soil	11,220	-0.20
08/18/2021	17:16:23	78788.80	394722.82	38.53	Soil	11,340	-0.12
08/18/2021	17:16:24	78788.75	394722.70	38.51	Soil	12,060	0.39
08/18/2021	17:16:25	78788.50	394722.69	38.56	Soil	11,340	-0.12
08/18/2021	17:16:26	78788.39	394722.49	38.52	Soil	12,480	0.68
08/18/2021	17:16:27	78788.21	394722.42	38.56	Soil	12,240	0.51
08/18/2021	17:16:28	78788.11	394722.24	38.51	Soil	11,340	-0.12
08/18/2021	17:16:29	78787.89	394722.18	38.54	Soil	11,280	-0.16
08/18/2021	17:16:30	78787.76	394722.03	38.46	Soil	11,460	-0.04

SU 7D GWS RESULTS
(SOIL)

08/18/2021	17:16:31	78787.52	394721.95	38.45	Soil	11,520	0.01
08/18/2021	17:16:32	78787.36	394721.92	38.44	Soil	10,260	-0.88
08/18/2021	17:16:33	78787.19	394721.99	38.42	Soil	9,780	-1.21
08/18/2021	17:16:34	78787.27	394722.05	38.40	Soil	11,040	-0.33
08/18/2021	17:16:35	78787.28	394722.19	38.41	Soil	10,620	-0.62
08/18/2021	17:16:36	78787.44	394722.25	38.41	Soil	11,040	-0.33
08/18/2021	17:16:37	78787.55	394722.40	38.42	Soil	11,820	0.22
08/18/2021	17:16:38	78787.72	394722.48	38.38	Soil	11,160	-0.25
08/18/2021	17:16:39	78787.83	394722.65	38.37	Soil	11,220	-0.20
08/18/2021	17:16:40	78787.93	394722.70	38.30	Soil	10,980	-0.37
08/18/2021	17:16:41	78787.99	394722.84	38.31	Soil	12,660	0.81
08/18/2021	17:16:42	78788.11	394722.88	38.30	Soil	12,900	0.98
08/18/2021	17:16:43	78788.24	394722.99	38.28	Soil	14,400	2.03
08/18/2021	17:16:44	78788.38	394723.05	38.27	Soil	13,200	1.19
08/18/2021	17:16:45	78788.51	394723.16	38.28	Soil	11,040	-0.33
08/18/2021	17:16:46	78788.59	394723.17	38.24	Soil	10,860	-0.46
08/18/2021	17:16:47	78788.69	394723.30	38.22	Soil	12,360	0.60
08/18/2021	17:16:48	78788.78	394723.34	38.22	Soil	10,440	-0.75
08/18/2021	17:16:49	78788.88	394723.42	38.24	Soil	11,940	0.30
08/18/2021	17:16:50	78789.13	394723.48	38.29	Soil	9,600	-1.34
08/18/2021	17:16:51	78789.30	394723.43	38.32	Soil	13,680	1.52
08/18/2021	17:16:52	78789.29	394723.48	38.24	Soil	11,640	0.09
08/18/2021	17:16:53	78789.13	394723.49	38.21	Soil	10,440	-0.75
08/18/2021	17:16:54	78788.92	394723.45	38.23	Soil	11,520	0.01
08/18/2021	17:16:55	78788.79	394723.32	38.23	Soil	11,160	-0.25
08/18/2021	17:16:56	78788.58	394723.30	38.22	Soil	10,740	-0.54
08/18/2021	17:16:57	78788.43	394723.19	38.21	Soil	10,980	-0.37
08/18/2021	17:16:58	78788.28	394723.08	38.25	Soil	12,480	0.68
08/18/2021	17:16:59	78788.16	394722.91	38.25	Soil	12,600	0.76
08/18/2021	17:17:00	78787.97	394722.81	38.12	Soil	12,240	0.51
08/18/2021	17:17:01	78787.77	394722.88	38.09	Soil	11,940	0.30
08/18/2021	17:17:02	78787.69	394722.96	38.03	Soil	11,760	0.18
08/18/2021	17:17:03	78787.60	394723.16	37.95	Soil	11,700	0.13
08/18/2021	17:17:04	78787.53	394723.39	37.82	Soil	11,700	0.13
08/18/2021	17:17:05	78787.51	394723.61	37.79	Soil	10,740	-0.54
08/18/2021	17:17:06	78787.63	394723.75	37.71	Soil	11,640	0.09
08/18/2021	17:17:07	78787.66	394723.96	37.64	Soil	13,800	1.61
08/18/2021	17:17:08	78787.61	394724.12	37.57	Soil	12,840	0.93
08/18/2021	17:17:09	78787.59	394724.28	37.52	Soil	12,120	0.43
08/18/2021	17:17:10	78787.62	394724.50	37.41	Soil	13,320	1.27
08/18/2021	17:17:11	78787.58	394724.71	37.33	Soil	12,000	0.34
08/18/2021	17:17:12	78787.53	394724.90	37.28	Soil	10,260	-0.88
08/18/2021	17:17:13	78787.53	394725.12	37.25	Soil	11,100	-0.29
08/18/2021	17:17:14	78787.52	394725.34	37.12	Soil	10,500	-0.71
08/18/2021	17:17:15	78787.56	394725.57	37.10	Soil	12,120	0.43
08/18/2021	17:17:16	78787.52	394725.76	37.00	Soil	12,000	0.34
08/18/2021	17:17:17	78787.46	394725.96	36.97	Soil	12,300	0.55
08/18/2021	17:17:18	78787.51	394726.20	36.89	Soil	11,580	0.05
08/18/2021	17:17:19	78787.41	394726.37	36.81	Soil	12,840	0.93
08/18/2021	17:17:20	78787.17	394726.36	36.85	Soil	12,420	0.64
08/18/2021	17:17:21	78787.05	394726.22	36.84	Soil	11,400	-0.08

SU 7D GWS RESULTS
(SOIL)

08/18/2021	17:17:22	78787.11	394726.25	36.85	Soil	12,840	0.93
08/18/2021	17:17:23	78787.17	394726.18	36.91	Soil	10,980	-0.37
08/18/2021	17:17:24	78787.41	394726.05	36.97	Soil	12,540	0.72
08/18/2021	17:17:25	78787.36	394725.87	36.94	Soil	13,560	1.44
08/18/2021	17:17:26	78787.34	394725.90	36.91	Soil	11,520	0.01
08/18/2021	17:17:27	78787.42	394725.94	37.00	Soil	10,680	-0.58
08/18/2021	17:17:28	78787.23	394725.67	37.05	Soil	13,500	1.40
08/18/2021	17:17:29	78787.40	394725.61	36.65	Soil	11,340	-0.12
08/18/2021	17:17:30	78787.50	394725.53	36.62	Soil	11,820	0.22
08/18/2021	17:17:31	78787.50	394725.51	36.65	Soil	12,840	0.93
08/18/2021	17:17:32	78787.46	394725.58	36.92	Soil	11,940	0.30
08/18/2021	17:17:33	78787.35	394725.67	36.96	Soil	12,480	0.68
08/18/2021	17:17:34	78787.32	394725.64	37.05	Soil	11,400	-0.08
08/18/2021	17:17:35	78787.35	394725.58	37.07	Soil	10,500	-0.71
08/18/2021	17:17:36	78787.42	394725.58	37.05	Soil	12,840	0.93
08/18/2021	17:17:37	78787.36	394725.57	37.04	Soil	12,420	0.64
08/18/2021	17:17:38	78787.26	394725.53	37.07	Soil	10,920	-0.41
08/18/2021	17:17:39	78787.36	394725.43	37.11	Soil	9,600	-1.34
08/18/2021	17:17:40	78787.39	394725.30	37.13	Soil	10,560	-0.67
08/18/2021	17:17:41	78787.39	394725.21	37.17	Soil	11,160	-0.25
08/18/2021	17:17:42	78787.47	394725.09	37.21	Soil	11,040	-0.33
08/18/2021	17:17:43	78787.50	394724.97	37.22	Soil	12,540	0.72
08/18/2021	17:17:44	78787.56	394724.94	37.29	Soil	10,620	-0.62
08/18/2021	17:17:45	78787.56	394724.75	37.25	Soil	11,280	-0.16
08/18/2021	17:17:46	78787.60	394724.83	37.30	Soil	9,660	-1.30
08/18/2021	17:17:47	78787.75	394724.76	37.32	Soil	11,940	0.30
08/18/2021	17:17:48	78787.84	394724.84	37.35	Soil	12,060	0.39
08/18/2021	17:17:49	78787.95	394724.84	37.37	Soil	12,000	0.34
08/18/2021	17:17:50	78788.11	394724.94	37.41	Soil	12,660	0.81
08/18/2021	17:17:51	78788.22	394724.90	37.42	Soil	10,560	-0.67
08/18/2021	17:17:52	78788.33	394725.05	37.41	Soil	11,520	0.01
08/18/2021	17:17:53	78788.45	394725.07	37.44	Soil	11,460	-0.04
08/18/2021	17:17:54	78788.54	394725.16	37.42	Soil	9,900	-1.13
08/18/2021	17:17:55	78788.56	394725.18	37.45	Soil	13,320	1.27
08/18/2021	17:17:56	78788.70	394725.15	37.47	Soil	10,500	-0.71
08/18/2021	17:17:57	78788.78	394725.16	37.47	Soil	11,520	0.01
08/18/2021	17:17:58	78788.95	394725.25	37.51	Soil	11,580	0.05
08/18/2021	17:17:59	78789.00	394725.27	37.45	Soil	11,640	0.09
08/18/2021	17:18:00	78788.99	394725.40	37.50	Soil	11,220	-0.20
08/18/2021	17:18:01	78789.14	394725.37	37.49	Soil	9,840	-1.17
08/18/2021	17:18:02	78789.28	394725.48	37.49	Soil	10,560	-0.67
08/18/2021	17:18:03	78789.25	394725.53	37.48	Soil	11,580	0.05
08/18/2021	17:18:04	78789.16	394725.46	37.46	Soil	11,400	-0.08
08/18/2021	17:18:05	78789.04	394725.47	37.41	Soil	10,080	-1.00
08/18/2021	17:18:06	78788.90	394725.48	37.35	Soil	9,660	-1.30
08/18/2021	17:18:07	78788.75	394725.46	37.36	Soil	13,740	1.56
08/18/2021	17:18:08	78788.62	394725.30	37.34	Soil	11,220	-0.20
08/18/2021	17:18:09	78788.43	394725.20	37.35	Soil	12,480	0.68
08/18/2021	17:18:10	78788.29	394725.12	37.30	Soil	10,980	-0.37
08/18/2021	17:18:11	78788.10	394725.12	37.29	Soil	9,780	-1.21
08/18/2021	17:18:12	78787.94	394725.08	37.29	Soil	13,080	1.10

SU 7D GWS RESULTS
(SOIL)

08/18/2021	17:18:13	78787.79	394724.99	37.22	Soil	12,300	0.55
08/18/2021	17:18:14	78787.61	394724.96	37.22	Soil	12,240	0.51
08/18/2021	17:18:15	78787.46	394724.88	37.20	Soil	12,300	0.55
08/18/2021	17:18:16	78787.29	394724.88	37.15	Soil	11,220	-0.20
08/18/2021	17:18:17	78787.28	394724.94	37.12	Soil	10,440	-0.75
08/18/2021	17:18:18	78787.34	394725.05	37.17	Soil	12,600	0.76
08/18/2021	17:18:19	78787.51	394725.05	37.18	Soil	11,280	-0.16
08/18/2021	17:18:20	78787.73	394725.21	37.21	Soil	11,220	-0.20
08/18/2021	17:18:21	78787.92	394725.20	37.17	Soil	10,920	-0.41
08/18/2021	17:18:22	78788.09	394725.36	37.21	Soil	13,320	1.27
08/18/2021	17:18:23	78788.33	394725.40	37.19	Soil	11,400	-0.08
08/18/2021	17:18:24	78788.50	394725.55	37.21	Soil	11,580	0.05
08/18/2021	17:18:25	78788.61	394725.57	37.22	Soil	8,580	-2.06
08/18/2021	17:18:26	78788.73	394725.71	37.22	Soil	11,820	0.22
08/18/2021	17:18:27	78788.89	394725.72	37.19	Soil	12,720	0.85
08/18/2021	17:18:28	78789.03	394725.90	37.25	Soil	10,980	-0.37
08/18/2021	17:18:29	78789.18	394726.06	37.20	Soil	11,220	-0.20
08/18/2021	17:18:30	78789.03	394726.08	37.15	Soil	11,460	-0.04
08/18/2021	17:18:31	78788.87	394726.06	37.11	Soil	11,400	-0.08
08/18/2021	17:18:32	78788.72	394726.06	37.04	Soil	10,800	-0.50
08/18/2021	17:18:33	78788.61	394725.98	37.05	Soil	11,280	-0.16
08/18/2021	17:18:34	78788.42	394725.95	37.01	Soil	12,240	0.51
08/18/2021	17:18:35	78788.42	394725.89	37.02	Soil	11,640	0.09
08/18/2021	17:18:36	78788.50	394725.86	37.08	Soil	11,220	-0.20
08/18/2021	17:18:37	78788.47	394725.92	37.05	Soil	12,360	0.60
08/18/2021	17:18:38	78788.44	394725.94	37.04	Soil	11,220	-0.20
08/18/2021	17:18:39	78788.45	394725.96	37.03	Soil	10,380	-0.79
08/18/2021	17:18:40	78788.49	394725.98	37.00	Soil	10,080	-1.00
08/18/2021	17:18:41	78788.39	394725.99	37.00	Soil	13,200	1.19
08/18/2021	17:18:42	78788.35	394725.89	36.99	Soil	11,040	-0.33
08/18/2021	17:18:43	78788.27	394725.91	36.99	Soil	13,740	1.56
08/18/2021	17:18:44	78788.20	394725.95	36.98	Soil	12,240	0.51
08/18/2021	17:18:45	78788.31	394725.93	37.00	Soil	13,500	1.40
08/18/2021	17:18:46	78788.19	394725.87	36.98	Soil	10,740	-0.54
08/18/2021	17:18:47	78788.13	394725.89	36.97	Soil	11,340	-0.12
08/18/2021	17:18:48	78788.22	394725.92	36.98	Soil	10,440	-0.75
08/18/2021	17:18:49	78788.26	394725.94	36.99	Soil	10,260	-0.88
08/18/2021	17:18:50	78788.17	394725.96	36.98	Soil	13,020	1.06
08/18/2021	17:18:51	78788.08	394725.90	36.99	Soil	12,000	0.34
08/18/2021	17:18:52	78788.03	394725.84	36.96	Soil	11,940	0.30
08/18/2021	17:18:53	78787.88	394725.86	36.94	Soil	12,000	0.34
08/18/2021	17:18:54	78787.85	394725.88	36.94	Soil	12,000	0.34
08/18/2021	17:18:55	78787.89	394725.93	36.96	Soil	10,380	-0.79
08/18/2021	17:18:56	78788.05	394725.89	36.94	Soil	11,040	-0.33
08/18/2021	17:18:57	78787.90	394725.88	36.61	Soil	12,180	0.47
08/18/2021	17:18:58	78787.89	394725.63	36.69	Soil	11,460	-0.04
08/18/2021	17:18:59	78787.94	394725.69	36.95	Soil	10,800	-0.50
08/18/2021	17:19:00	78788.03	394725.86	36.92	Soil	10,260	-0.88
08/18/2021	17:19:01	78787.91	394726.01	36.83	Soil	11,880	0.26
08/18/2021	17:19:02	78788.21	394726.18	36.90	Soil	10,740	-0.54
08/18/2021	17:19:03	78788.20	394726.08	36.93	Soil	11,760	0.18

SU 7D GWS RESULTS
(SOIL)

08/18/2021	17:19:04	78788.08	394726.01	36.99	Soil	13,140	1.14
08/18/2021	17:19:05	78787.96	394725.93	36.97	Soil	12,180	0.47
08/18/2021	17:19:06	78787.77	394725.88	36.99	Soil	11,520	0.01
08/18/2021	17:19:07	78787.61	394725.81	36.96	Soil	11,940	0.30
08/18/2021	17:19:08	78787.42	394725.72	36.93	Soil	12,360	0.60
08/18/2021	17:19:09	78787.15	394725.79	36.90	Soil	11,760	0.18
08/18/2021	17:19:10	78787.11	394725.81	36.91	Soil	10,740	-0.54
08/18/2021	17:19:11	78787.22	394725.82	36.90	Soil	12,300	0.55
08/18/2021	17:19:12	78787.40	394725.94	36.94	Soil	11,040	-0.33
08/18/2021	17:19:13	78787.52	394726.02	36.88	Soil	10,980	-0.37
08/18/2021	17:19:14	78787.58	394726.05	36.93	Soil	12,240	0.51
08/18/2021	17:19:15	78787.65	394726.11	36.97	Soil	11,940	0.30
08/18/2021	17:19:16	78787.78	394726.12	36.97	Soil	11,520	0.01
08/18/2021	17:19:17	78787.92	394726.21	36.99	Soil	10,740	-0.54
08/18/2021	17:19:18	78788.03	394726.17	37.01	Soil	12,120	0.43
08/18/2021	17:19:19	78788.17	394726.20	37.03	Soil	11,160	-0.25
08/18/2021	17:19:20	78788.32	394726.24	37.09	Soil	12,300	0.55
08/18/2021	17:55:42	78798.23	394723.38	40.31	Soil	11,100	-0.29
08/18/2021	17:55:43	78798.20	394723.36	40.31	Soil	12,240	0.51
08/18/2021	17:55:44	78798.10	394723.24	40.31	Soil	11,460	-0.04
08/18/2021	17:55:45	78798.01	394723.00	40.30	Soil	11,400	-0.08
08/18/2021	17:55:46	78797.82	394722.81	40.31	Soil	11,580	0.05
08/18/2021	17:55:47	78797.63	394722.58	40.33	Soil	11,040	-0.33
08/18/2021	17:55:48	78797.43	394722.32	40.35	Soil	13,020	1.06
08/18/2021	17:55:49	78797.34	394722.11	40.35	Soil	13,260	1.23
08/18/2021	17:55:50	78797.23	394721.99	40.35	Soil	10,740	-0.54
08/18/2021	17:55:51	78797.13	394721.68	40.38	Soil	12,240	0.51
08/18/2021	17:55:52	78796.94	394721.48	40.40	Soil	12,060	0.39
08/18/2021	17:55:53	78796.87	394721.32	40.40	Soil	11,460	-0.04
08/18/2021	17:55:54	78796.72	394721.39	40.40	Soil	11,700	0.13
08/18/2021	17:55:55	78796.63	394721.35	40.43	Soil	10,080	-1.00
08/18/2021	17:55:56	78796.56	394721.15	40.42	Soil	11,460	-0.04
08/18/2021	17:55:57	78796.33	394721.08	40.44	Soil	13,140	1.14
08/18/2021	17:55:58	78796.19	394720.87	40.43	Soil	10,680	-0.58
08/18/2021	17:55:59	78795.99	394720.76	40.44	Soil	13,500	1.40
08/18/2021	17:56:00	78795.86	394720.55	40.45	Soil	12,120	0.43
08/18/2021	17:56:01	78795.65	394720.42	40.41	Soil	12,660	0.81
08/18/2021	17:56:02	78795.45	394720.23	40.43	Soil	11,220	-0.20
08/18/2021	17:56:03	78795.31	394720.06	40.44	Soil	12,300	0.55
08/18/2021	17:56:04	78795.22	394719.99	40.46	Soil	13,500	1.40
08/18/2021	17:56:05	78795.00	394719.89	40.46	Soil	12,900	0.98
08/18/2021	17:56:06	78794.82	394719.69	40.47	Soil	12,960	1.02
08/18/2021	17:56:07	78794.58	394719.52	40.53	Soil	10,980	-0.37
08/18/2021	17:56:08	78794.42	394719.22	40.56	Soil	11,880	0.26
08/18/2021	17:56:09	78794.18	394718.91	40.55	Soil	13,080	1.10
08/18/2021	17:56:10	78793.85	394718.61	40.60	Soil	11,640	0.09
08/18/2021	17:56:11	78793.57	394718.40	40.61	Soil	11,340	-0.12
08/18/2021	17:56:12	78793.33	394718.18	40.61	Soil	11,700	0.13
08/18/2021	17:56:13	78793.07	394718.09	40.64	Soil	10,500	-0.71
08/18/2021	17:56:14	78792.84	394717.80	40.66	Soil	12,480	0.68
08/18/2021	17:56:15	78792.56	394717.66	40.65	Soil	12,060	0.39

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08/18/2021	17:56:16	78792.33	394717.38	40.67	Soil	11,520	0.01
08/18/2021	17:56:17	78792.05	394717.12	40.69	Soil	12,120	0.43
08/18/2021	17:56:18	78791.73	394716.90	40.67	Soil	10,920	-0.41
08/18/2021	17:56:19	78791.51	394716.63	40.67	Soil	11,340	-0.12
08/18/2021	17:56:20	78791.18	394716.41	40.62	Soil	11,460	-0.04
08/18/2021	17:56:21	78790.98	394716.10	40.61	Soil	12,780	0.89
08/18/2021	17:56:22	78790.61	394715.94	40.57	Soil	11,820	0.22
08/18/2021	17:56:23	78790.37	394715.69	40.54	Soil	9,720	-1.26
08/18/2021	17:56:24	78790.04	394715.53	40.51	Soil	11,280	-0.16
08/18/2021	17:56:25	78789.76	394715.34	40.50	Soil	10,920	-0.41
08/18/2021	17:56:26	78789.32	394715.22	40.52	Soil	10,440	-0.75
08/18/2021	17:56:27	78788.92	394715.09	40.54	Soil	11,280	-0.16
08/18/2021	17:56:28	78788.65	394714.96	40.55	Soil	11,580	0.05
08/18/2021	17:56:29	78788.33	394714.79	40.56	Soil	11,400	-0.08
08/18/2021	17:56:30	78788.02	394714.52	40.58	Soil	11,460	-0.04
08/18/2021	17:56:31	78787.64	394714.42	40.59	Soil	11,520	0.01
08/18/2021	17:56:32	78787.27	394714.19	40.62	Soil	11,760	0.18
08/18/2021	17:56:33	78786.90	394714.09	40.63	Soil	12,000	0.34
08/18/2021	17:56:34	78786.55	394713.97	40.64	Soil	12,120	0.43
08/18/2021	17:56:35	78786.30	394713.77	40.66	Soil	12,120	0.43
08/18/2021	17:56:36	78785.95	394713.70	40.67	Soil	10,500	-0.71
08/18/2021	17:56:37	78785.63	394713.48	40.74	Soil	11,220	-0.20
08/18/2021	17:56:38	78785.22	394713.41	40.79	Soil	10,080	-1.00
08/18/2021	17:56:39	78784.81	394713.24	40.85	Soil	13,260	1.23
08/18/2021	17:56:40	78784.41	394713.18	40.87	Soil	12,240	0.51
08/18/2021	17:56:41	78784.10	394713.13	40.88	Soil	11,280	-0.16
08/18/2021	17:56:42	78783.69	394713.19	40.89	Soil	10,620	-0.62
08/18/2021	17:56:43	78783.26	394713.25	40.88	Soil	12,180	0.47
08/18/2021	17:56:44	78782.88	394713.19	40.84	Soil	13,560	1.44
08/18/2021	17:56:45	78782.46	394713.33	40.82	Soil	13,800	1.61
08/18/2021	17:56:46	78782.03	394713.37	40.83	Soil	13,500	1.40
08/18/2021	17:56:47	78781.66	394713.40	40.84	Soil	12,240	0.51
08/18/2021	17:56:48	78781.26	394713.60	40.83	Soil	11,520	0.01
08/18/2021	17:56:49	78780.84	394713.63	40.80	Soil	13,320	1.27
08/18/2021	17:56:50	78780.48	394713.83	40.80	Soil	12,900	0.98
08/18/2021	17:56:51	78780.14	394714.04	40.78	Soil	12,420	0.64
08/18/2021	17:56:52	78779.74	394714.12	40.81	Soil	11,760	0.18
08/18/2021	17:56:53	78779.34	394714.30	40.83	Soil	11,400	-0.08
08/18/2021	17:56:54	78779.01	394714.50	40.84	Soil	13,260	1.23
08/18/2021	17:56:55	78778.64	394714.75	40.83	Soil	11,460	-0.04
08/18/2021	17:56:56	78778.34	394715.10	40.78	Soil	11,640	0.09
08/18/2021	17:56:57	78777.96	394715.42	40.78	Soil	11,700	0.13
08/18/2021	17:56:58	78777.61	394715.81	40.73	Soil	12,180	0.47
08/18/2021	17:56:59	78777.34	394716.26	40.72	Soil	12,120	0.43
08/18/2021	17:57:00	78777.02	394716.65	40.68	Soil	11,640	0.09
08/18/2021	17:57:01	78776.66	394717.05	40.69	Soil	12,720	0.85
08/18/2021	17:57:02	78776.41	394717.55	40.69	Soil	12,900	0.98
08/18/2021	17:57:03	78776.26	394717.99	40.71	Soil	12,360	0.60
08/18/2021	17:57:04	78775.96	394718.35	40.67	Soil	14,220	1.90
08/18/2021	17:57:05	78775.73	394718.79	40.66	Soil	12,360	0.60
08/18/2021	17:57:06	78775.50	394719.19	40.67	Soil	10,440	-0.75

SU 7D GWS RESULTS
(SOIL)

08/18/2021	17:57:07	78775.24	394719.50	40.70	Soil	11,460	-0.04
08/18/2021	17:57:08	78775.11	394719.87	40.67	Soil	12,600	0.76
08/18/2021	17:57:09	78774.85	394720.18	40.66	Soil	12,180	0.47
08/18/2021	17:57:10	78774.54	394720.46	40.65	Soil	11,100	-0.29
08/18/2021	17:57:11	78774.27	394720.83	40.70	Soil	11,040	-0.33
08/18/2021	17:57:12	78773.84	394720.98	40.74	Soil	12,000	0.34
08/18/2021	17:57:13	78773.57	394721.01	40.71	Soil	12,780	0.89
08/18/2021	17:57:14	78773.38	394720.85	40.72	Soil	13,200	1.19
08/18/2021	17:57:15	78773.05	394720.77	40.75	Soil	13,320	1.27
08/18/2021	17:57:16	78772.76	394720.58	40.77	Soil	11,100	-0.29
08/18/2021	17:57:17	78772.50	394720.41	40.79	Soil	11,760	0.18
08/18/2021	17:57:18	78772.19	394720.27	40.79	Soil	12,540	0.72
08/18/2021	17:57:19	78772.02	394720.06	40.81	Soil	11,280	-0.16
08/18/2021	17:57:20	78771.74	394719.88	40.82	Soil	11,220	-0.20
08/18/2021	17:57:21	78771.58	394719.69	40.80	Soil	11,400	-0.08
08/18/2021	17:57:22	78771.31	394719.56	40.80	Soil	11,220	-0.20
08/18/2021	17:57:23	78771.13	394719.30	40.83	Soil	12,660	0.81
08/18/2021	17:57:24	78770.88	394719.13	40.85	Soil	12,600	0.76
08/18/2021	17:57:25	78770.94	394718.85	40.88	Soil	12,000	0.34
08/18/2021	17:57:26	78771.03	394718.52	40.89	Soil	14,220	1.90
08/18/2021	17:57:27	78771.28	394718.28	40.88	Soil	11,220	-0.20
08/18/2021	17:57:28	78771.52	394717.97	40.87	Soil	10,860	-0.46
08/18/2021	17:57:29	78771.73	394717.75	40.85	Soil	12,000	0.34
08/18/2021	17:57:30	78771.93	394717.56	40.86	Soil	11,820	0.22
08/18/2021	17:57:31	78772.10	394717.31	40.86	Soil	13,320	1.27
08/18/2021	17:57:32	78772.35	394717.12	40.86	Soil	11,940	0.30
08/18/2021	17:57:33	78772.52	394716.83	40.83	Soil	13,260	1.23
08/18/2021	17:57:34	78772.76	394716.63	40.83	Soil	10,560	-0.67
08/18/2021	17:57:35	78772.93	394716.38	40.83	Soil	13,860	1.65
08/18/2021	17:57:36	78773.08	394716.10	40.83	Soil	12,600	0.76
08/18/2021	17:57:37	78773.27	394715.85	40.82	Soil	12,480	0.68
08/18/2021	17:57:38	78773.42	394715.58	40.82	Soil	12,840	0.93
08/18/2021	17:57:39	78773.60	394715.37	40.82	Soil	13,620	1.48
08/18/2021	17:57:40	78773.71	394715.11	40.81	Soil	13,260	1.23
08/18/2021	17:57:41	78773.91	394714.97	40.82	Soil	11,340	-0.12
08/18/2021	17:57:42	78774.03	394714.71	40.82	Soil	10,920	-0.41
08/18/2021	17:57:43	78774.24	394714.53	40.83	Soil	12,000	0.34
08/18/2021	17:57:44	78774.40	394714.26	40.83	Soil	12,960	1.02
08/18/2021	17:57:45	78774.61	394714.10	40.83	Soil	13,860	1.65
08/18/2021	17:57:46	78774.80	394713.92	40.83	Soil	12,660	0.81
08/18/2021	17:57:47	78774.99	394713.77	40.84	Soil	12,420	0.64
08/18/2021	17:57:48	78775.16	394713.60	40.84	Soil	12,720	0.85
08/18/2021	17:57:49	78775.34	394713.35	40.85	Soil	12,600	0.76
08/18/2021	17:57:50	78775.56	394713.19	40.87	Soil	10,800	-0.50
08/18/2021	17:57:51	78775.75	394712.91	40.88	Soil	11,280	-0.16
08/18/2021	17:57:52	78775.99	394712.75	40.91	Soil	11,580	0.05
08/18/2021	17:57:53	78776.10	394712.43	40.95	Soil	12,000	0.34
08/18/2021	17:57:54	78776.06	394712.34	40.97	Soil	12,300	0.55
08/18/2021	17:57:55	78775.72	394712.48	40.98	Soil	11,460	-0.04
08/18/2021	17:57:56	78775.52	394712.70	41.01	Soil	10,260	-0.88
08/18/2021	17:57:57	78775.31	394712.73	40.97	Soil	12,840	0.93

SU 7D GWS RESULTS
(SOIL)

08/18/2021	17:57:58	78775.33	394712.92	40.97	Soil	13,380	1.31
08/18/2021	17:57:59	78775.35	394712.62	40.98	Soil	13,920	1.69
08/18/2021	17:58:00	78775.51	394712.43	40.99	Soil	12,480	0.68
08/18/2021	17:58:01	78775.55	394712.12	41.00	Soil	11,220	-0.20
08/18/2021	17:58:02	78775.67	394711.99	41.01	Soil	13,860	1.65
08/18/2021	17:58:03	78775.77	394711.82	41.03	Soil	12,900	0.98
08/18/2021	17:58:04	78775.84	394711.64	41.04	Soil	11,820	0.22
08/18/2021	17:58:05	78776.04	394711.56	41.04	Soil	13,140	1.14
08/18/2021	17:58:06	78776.19	394711.33	41.03	Soil	13,020	1.06
08/18/2021	17:58:07	78776.49	394711.35	41.03	Soil	12,480	0.68
08/18/2021	17:58:08	78776.67	394711.11	40.99	Soil	12,600	0.76
08/18/2021	17:58:09	78776.89	394711.13	40.99	Soil	11,940	0.30
08/18/2021	17:58:10	78777.07	394710.91	40.98	Soil	12,900	0.98
08/18/2021	17:58:11	78777.36	394710.85	40.99	Soil	11,160	-0.25
08/18/2021	17:58:12	78777.58	394710.66	40.99	Soil	10,920	-0.41
08/18/2021	17:58:13	78777.82	394710.66	41.01	Soil	12,480	0.68
08/18/2021	17:58:14	78778.08	394710.49	40.99	Soil	13,020	1.06
08/18/2021	17:58:15	78778.33	394710.49	41.00	Soil	14,400	2.03
08/18/2021	17:58:16	78778.55	394710.36	41.01	Soil	12,660	0.81
08/18/2021	17:58:17	78778.74	394710.39	41.03	Soil	11,820	0.22
08/18/2021	17:58:18	78778.94	394710.30	41.03	Soil	13,080	1.10
08/18/2021	17:58:19	78779.16	394710.25	41.03	Soil	13,020	1.06
08/18/2021	17:58:20	78779.40	394710.05	41.02	Soil	13,680	1.52
08/18/2021	17:58:21	78779.64	394709.94	41.01	Soil	13,260	1.23
08/18/2021	17:58:22	78779.85	394709.67	41.02	Soil	13,200	1.19
08/18/2021	17:58:23	78780.14	394709.60	41.03	Soil	13,140	1.14
08/18/2021	17:58:24	78780.39	394709.42	41.03	Soil	13,620	1.48
08/18/2021	17:58:25	78780.73	394709.45	41.03	Soil	12,480	0.68
08/18/2021	17:58:26	78781.07	394709.37	41.03	Soil	11,160	-0.25
08/18/2021	17:58:27	78781.40	394709.51	41.04	Soil	11,280	-0.16
08/18/2021	17:58:28	78781.70	394709.58	41.04	Soil	12,540	0.72
08/18/2021	17:58:29	78781.91	394709.64	41.04	Soil	13,140	1.14
08/18/2021	17:58:30	78782.12	394709.64	41.04	Soil	11,160	-0.25
08/18/2021	17:58:31	78782.32	394709.76	41.04	Soil	13,140	1.14
08/18/2021	17:58:32	78782.55	394709.76	41.03	Soil	13,080	1.10
08/18/2021	17:58:33	78782.72	394709.85	41.02	Soil	11,100	-0.29
08/18/2021	17:58:34	78782.85	394709.76	40.95	Soil	10,800	-0.50
08/18/2021	17:58:35	78782.60	394709.55	40.99	Soil	10,620	-0.62
08/18/2021	17:58:36	78782.26	394709.39	40.98	Soil	12,480	0.68
08/18/2021	17:58:37	78782.07	394709.19	40.99	Soil	13,680	1.52
08/18/2021	17:58:38	78781.86	394709.25	40.99	Soil	12,360	0.60
08/18/2021	17:58:39	78781.64	394709.29	41.01	Soil	12,900	0.98
08/18/2021	17:58:40	78781.41	394709.26	41.00	Soil	12,420	0.64
08/18/2021	17:58:41	78781.13	394709.42	40.99	Soil	11,460	-0.04
08/18/2021	17:58:42	78781.04	394709.33	41.01	Soil	11,220	-0.20
08/18/2021	17:58:43	78781.36	394709.37	41.02	Soil	11,760	0.18
08/18/2021	17:58:44	78781.72	394709.22	41.01	Soil	11,400	-0.08
08/18/2021	17:58:45	78782.05	394709.34	41.00	Soil	13,440	1.35
08/18/2021	17:58:46	78782.43	394709.30	40.99	Soil	13,140	1.14
08/18/2021	17:58:47	78782.69	394709.47	40.97	Soil	11,760	0.18
08/18/2021	17:58:48	78783.07	394709.49	40.96	Soil	13,380	1.31

SU 7D GWS RESULTS
(SOIL)

08/18/2021	17:58:49	78783.36	394709.57	40.93	Soil	12,600	0.76
08/18/2021	17:58:50	78783.60	394709.59	40.93	Soil	12,600	0.76
08/18/2021	17:58:51	78783.62	394709.31	40.94	Soil	11,940	0.30
08/18/2021	17:58:52	78783.52	394709.18	40.94	Soil	11,220	-0.20
08/18/2021	17:58:53	78783.35	394709.13	40.93	Soil	11,820	0.22
08/18/2021	17:58:54	78783.20	394709.04	40.94	Soil	12,600	0.76
08/18/2021	17:58:55	78783.05	394709.04	40.92	Soil	11,820	0.22
08/18/2021	17:58:56	78782.82	394709.14	40.93	Soil	14,280	1.94
08/18/2021	17:58:57	78782.51	394709.28	40.94	Soil	11,940	0.30
08/18/2021	17:58:58	78782.31	394709.39	40.95	Soil	12,960	1.02
08/18/2021	17:58:59	78782.42	394709.40	40.96	Soil	11,940	0.30
08/18/2021	17:59:00	78782.77	394709.36	40.96	Soil	11,640	0.09
08/18/2021	17:59:01	78783.15	394709.31	40.91	Soil	12,300	0.55
08/18/2021	17:59:02	78783.48	394709.45	40.90	Soil	10,320	-0.84
08/18/2021	17:59:03	78783.88	394709.37	40.86	Soil	12,360	0.60
08/18/2021	17:59:04	78784.19	394709.45	40.87	Soil	11,820	0.22
08/18/2021	17:59:05	78784.61	394709.22	40.86	Soil	10,800	-0.50
08/18/2021	17:59:06	78784.76	394709.23	40.86	Soil	12,060	0.39
08/18/2021	17:59:07	78784.80	394708.99	40.84	Soil	12,720	0.85
08/18/2021	17:59:08	78784.59	394708.97	40.86	Soil	11,640	0.09
08/18/2021	17:59:09	78784.38	394708.97	40.86	Soil	10,620	-0.62
08/18/2021	17:59:10	78784.34	394708.87	40.85	Soil	12,600	0.76
08/18/2021	17:59:11	78784.17	394709.05	40.87	Soil	11,820	0.22
08/18/2021	17:59:12	78784.08	394709.04	40.87	Soil	11,580	0.05
08/18/2021	17:59:13	78784.03	394708.95	40.88	Soil	11,700	0.13
08/18/2021	17:59:14	78783.85	394709.08	40.87	Soil	13,020	1.06
08/18/2021	17:59:15	78783.72	394708.94	40.87	Soil	12,120	0.43
08/18/2021	17:59:16	78783.63	394708.97	40.86	Soil	12,120	0.43
08/18/2021	17:59:17	78783.77	394709.00	40.88	Soil	12,240	0.51
08/18/2021	17:59:18	78784.00	394709.07	40.87	Soil	10,680	-0.58
08/18/2021	17:59:19	78784.23	394709.12	40.85	Soil	12,600	0.76
08/18/2021	17:59:20	78784.50	394709.21	40.86	Soil	11,220	-0.20
08/18/2021	17:59:21	78784.76	394709.21	40.85	Soil	12,540	0.72
08/18/2021	17:59:22	78784.91	394709.32	40.86	Soil	14,100	1.82
08/18/2021	17:59:23	78785.16	394709.25	40.87	Soil	13,080	1.10
08/18/2021	17:59:24	78785.34	394709.31	40.86	Soil	10,560	-0.67
08/18/2021	17:59:25	78785.61	394709.17	40.84	Soil	12,060	0.39
08/18/2021	17:59:26	78785.84	394709.21	40.86	Soil	11,820	0.22
08/18/2021	17:59:27	78785.97	394709.07	40.84	Soil	11,640	0.09
08/18/2021	17:59:28	78785.92	394708.93	40.83	Soil	12,600	0.76
08/18/2021	17:59:29	78785.79	394708.84	40.84	Soil	10,740	-0.54
08/18/2021	17:59:30	78785.58	394708.98	40.84	Soil	11,940	0.30
08/18/2021	17:59:31	78785.48	394708.82	40.85	Soil	11,520	0.01
08/18/2021	17:59:32	78785.38	394708.95	40.87	Soil	12,720	0.85
08/18/2021	17:59:33	78785.32	394708.95	40.87	Soil	12,360	0.60
08/18/2021	17:59:34	78785.22	394708.88	40.90	Soil	11,580	0.05
08/18/2021	17:59:35	78785.16	394709.03	40.90	Soil	12,540	0.72
08/18/2021	17:59:36	78785.26	394708.93	40.91	Soil	11,580	0.05
08/18/2021	17:59:37	78785.50	394708.96	40.90	Soil	11,100	-0.29
08/18/2021	17:59:38	78785.73	394708.86	40.90	Soil	12,180	0.47
08/18/2021	17:59:39	78785.99	394708.93	40.89	Soil	11,640	0.09

SU 7D GWS RESULTS
(SOIL)

08/18/2021	17:59:40	78786.29	394708.88	40.90	Soil	11,040	-0.33
08/18/2021	17:59:41	78786.56	394708.80	40.89	Soil	12,000	0.34
08/18/2021	17:59:42	78786.80	394708.77	40.91	Soil	11,220	-0.20
08/18/2021	17:59:43	78787.04	394708.68	40.91	Soil	10,680	-0.58
08/18/2021	17:59:44	78787.30	394708.67	40.92	Soil	12,240	0.51
08/18/2021	17:59:45	78787.53	394708.63	40.91	Soil	11,520	0.01
08/18/2021	17:59:46	78787.79	394708.75	40.90	Soil	10,560	-0.67
08/18/2021	17:59:47	78788.10	394708.73	40.88	Soil	10,800	-0.50
08/18/2021	17:59:48	78788.34	394708.84	40.88	Soil	11,400	-0.08
08/18/2021	17:59:49	78788.62	394708.85	40.87	Soil	10,380	-0.79
08/18/2021	17:59:50	78788.88	394709.01	40.87	Soil	11,100	-0.29
08/18/2021	17:59:51	78789.16	394709.03	40.86	Soil	11,940	0.30
08/18/2021	17:59:52	78789.36	394709.19	40.86	Soil	10,740	-0.54
08/18/2021	17:59:53	78789.58	394709.24	40.85	Soil	12,480	0.68
08/18/2021	17:59:54	78789.74	394709.46	40.87	Soil	10,740	-0.54
08/18/2021	17:59:55	78790.00	394709.59	40.85	Soil	9,240	-1.59
08/18/2021	17:59:56	78790.18	394709.81	40.88	Soil	11,940	0.30
08/18/2021	17:59:57	78790.47	394709.91	40.88	Soil	11,640	0.09
08/18/2021	17:59:58	78790.67	394710.08	40.90	Soil	10,560	-0.67
08/18/2021	17:59:59	78790.92	394710.16	40.88	Soil	12,780	0.89
08/18/2021	18:00:00	78791.15	394710.29	40.83	Soil	11,160	-0.25
08/18/2021	18:00:01	78791.44	394710.32	40.81	Soil	11,820	0.22
08/18/2021	18:00:02	78791.74	394710.33	40.81	Soil	11,760	0.18
08/18/2021	18:00:03	78791.99	394710.50	40.84	Soil	11,820	0.22
08/18/2021	18:00:04	78792.32	394710.62	40.85	Soil	12,120	0.43
08/18/2021	18:00:05	78792.50	394710.95	40.82	Soil	11,460	-0.04
08/18/2021	18:00:06	78792.70	394711.24	40.81	Soil	12,780	0.89
08/18/2021	18:00:07	78792.70	394711.58	40.83	Soil	12,540	0.72
08/18/2021	18:00:08	78792.81	394711.86	40.81	Soil	11,760	0.18
08/18/2021	18:00:09	78792.86	394712.10	40.80	Soil	13,080	1.10
08/18/2021	18:00:10	78793.05	394712.35	40.81	Soil	11,820	0.22
08/18/2021	18:00:11	78793.04	394712.63	40.85	Soil	14,220	1.90
08/18/2021	18:00:12	78793.24	394712.70	40.84	Soil	12,960	1.02
08/18/2021	18:00:13	78793.19	394712.41	40.78	Soil	12,780	0.89
08/18/2021	18:00:14	78793.14	394711.94	40.81	Soil	11,340	-0.12
08/18/2021	18:00:15	78793.35	394711.73	40.90	Soil	11,280	-0.16
08/18/2021	18:00:16	78793.63	394711.82	40.90	Soil	11,340	-0.12
08/18/2021	18:00:17	78793.89	394711.95	40.87	Soil	12,360	0.60
08/18/2021	18:00:18	78794.15	394712.38	40.87	Soil	12,180	0.47
08/18/2021	18:00:19	78794.30	394712.79	40.88	Soil	11,160	-0.25
08/18/2021	18:00:20	78794.52	394713.17	40.90	Soil	11,400	-0.08
08/18/2021	18:00:21	78794.59	394713.59	40.93	Soil	11,760	0.18
08/18/2021	18:00:22	78794.75	394714.13	40.90	Soil	12,780	0.89
08/18/2021	18:00:23	78795.05	394714.44	40.89	Soil	11,400	-0.08
08/18/2021	18:00:24	78795.23	394714.80	40.88	Soil	10,920	-0.41
08/18/2021	18:00:25	78795.42	394715.09	40.89	Soil	12,600	0.76
08/18/2021	18:00:26	78795.38	394715.48	40.93	Soil	11,580	0.05
08/18/2021	18:00:27	78795.30	394715.83	40.93	Soil	13,380	1.31
08/18/2021	18:00:28	78795.39	394716.09	40.91	Soil	11,760	0.18
08/18/2021	18:00:29	78795.47	394716.33	40.93	Soil	10,080	-1.00
08/18/2021	18:00:30	78795.72	394716.31	40.92	Soil	10,200	-0.92

SU 7D GWS RESULTS
(SOIL)

08/18/2021	18:00:31	78795.87	394716.43	40.93	Soil	12,240	0.51
08/18/2021	18:00:32	78796.15	394716.51	40.89	Soil	12,480	0.68
08/18/2021	18:00:33	78796.39	394716.58	40.81	Soil	11,580	0.05
08/18/2021	18:00:34	78796.67	394716.71	40.74	Soil	12,720	0.85
08/18/2021	18:00:35	78796.98	394716.77	40.70	Soil	13,080	1.10
08/18/2021	18:00:36	78797.28	394716.92	40.67	Soil	12,000	0.34
08/18/2021	18:00:37	78797.69	394716.81	40.69	Soil	11,040	-0.33
08/18/2021	18:00:38	78798.12	394716.83	40.66	Soil	11,220	-0.20
08/18/2021	18:00:39	78798.43	394716.86	40.66	Soil	12,600	0.76
08/18/2021	18:00:40	78798.67	394717.29	40.63	Soil	14,640	2.20
08/18/2021	18:00:41	78799.06	394717.36	40.59	Soil	12,780	0.89
08/18/2021	18:00:42	78799.37	394717.60	40.54	Soil	11,280	-0.16
08/18/2021	18:00:43	78799.78	394717.64	40.51	Soil	12,720	0.85
08/18/2021	18:00:44	78800.06	394717.88	40.52	Soil	11,820	0.22
08/18/2021	18:00:45	78800.43	394717.98	40.51	Soil	12,240	0.51
08/18/2021	18:00:46	78800.45	394718.23	40.54	Soil	12,120	0.43
08/18/2021	18:00:47	78800.60	394718.54	40.52	Soil	12,180	0.47
08/18/2021	18:00:48	78800.53	394718.85	40.53	Soil	13,680	1.52
08/18/2021	18:00:49	78800.66	394719.21	40.50	Soil	12,900	0.98
08/18/2021	18:00:50	78800.71	394719.57	40.49	Soil	11,820	0.22
08/18/2021	18:00:51	78800.96	394719.93	40.52	Soil	12,720	0.85
08/18/2021	18:00:52	78801.13	394720.28	40.52	Soil	11,520	0.01
08/18/2021	18:00:53	78801.32	394720.56	40.52	Soil	11,400	-0.08
08/18/2021	18:00:54	78801.54	394720.86	40.52	Soil	13,380	1.31
08/18/2021	18:00:55	78801.74	394721.18	40.55	Soil	13,140	1.14
08/18/2021	18:00:56	78801.96	394721.59	40.51	Soil	12,300	0.55
08/18/2021	18:00:57	78802.02	394721.92	40.54	Soil	13,380	1.31
08/18/2021	18:00:58	78802.24	394722.33	40.53	Soil	11,520	0.01
08/18/2021	18:00:59	78802.22	394722.70	40.53	Soil	10,260	-0.88
08/18/2021	18:01:00	78802.41	394723.04	40.52	Soil	12,000	0.34
08/18/2021	18:01:01	78802.43	394723.40	40.49	Soil	13,320	1.27
08/18/2021	18:01:02	78802.62	394723.71	40.49	Soil	13,140	1.14
08/18/2021	18:01:03	78802.53	394724.11	40.48	Soil	12,960	1.02
08/18/2021	18:01:04	78802.57	394724.49	40.46	Soil	14,400	2.03
08/18/2021	18:01:05	78802.47	394724.82	40.44	Soil	13,020	1.06
08/18/2021	18:01:06	78802.57	394725.24	40.46	Soil	12,720	0.85
08/18/2021	18:01:07	78802.59	394725.66	40.48	Soil	12,660	0.81
08/18/2021	18:01:08	78802.62	394726.04	40.46	Soil	13,920	1.69
08/18/2021	18:01:09	78802.90	394726.45	40.49	Soil	13,860	1.65
08/18/2021	18:01:10	78802.85	394726.91	40.49	Soil	13,560	1.44
08/18/2021	18:01:11	78803.02	394727.27	40.49	Soil	12,360	0.60
08/18/2021	18:01:12	78802.93	394727.65	40.51	Soil	14,340	1.99
08/18/2021	18:01:13	78802.56	394727.80	40.61	Soil	13,740	1.56
08/18/2021	18:01:14	78802.10	394728.08	40.60	Soil	15,960	3.12
08/18/2021	18:01:15	78801.66	394728.05	40.62	Soil	17,400	4.13
08/18/2021	18:01:16	78801.26	394728.21	40.65	Soil	14,220	1.90
08/18/2021	18:01:17	78801.01	394728.10	40.67	Soil	15,780	3.00
08/18/2021	18:01:18	78800.88	394728.11	40.67	Soil	14,400	2.03
08/18/2021	18:01:19	78800.91	394728.12	40.68	Soil	15,060	2.49
08/18/2021	18:01:20	78800.97	394728.14	40.64	Soil	17,040	3.88
08/18/2021	18:01:21	78801.11	394728.14	40.65	Soil	16,440	3.46

SU 7D GWS RESULTS
(SOIL)

08/18/2021	18:01:22	78801.20	394728.11	40.65	Soil	16,020	3.16
08/18/2021	18:01:23	78801.18	394728.08	40.65	Soil	15,300	2.66
08/18/2021	18:01:24	78801.07	394728.02	40.66	Soil	16,920	3.80
08/18/2021	18:01:25	78801.30	394727.95	40.66	Soil	17,880	4.47
08/18/2021	18:01:26	78801.31	394727.94	40.66	Soil	16,740	3.67
08/18/2021	18:01:27	78801.37	394727.93	40.65	Soil	16,680	3.63
08/18/2021	18:01:28	78801.49	394727.92	40.65	Soil	14,580	2.15
08/18/2021	18:01:29	78801.46	394727.95	40.65	Soil	16,260	3.33
08/18/2021	18:01:30	78801.27	394728.06	40.65	Soil	15,720	2.95
08/18/2021	18:01:31	78801.23	394728.06	40.65	Soil	16,680	3.63
08/18/2021	18:01:32	78801.26	394728.07	40.63	Soil	17,280	4.05
08/18/2021	18:01:33	78801.45	394728.16	40.64	Soil	15,300	2.66
08/18/2021	18:01:34	78801.48	394728.26	40.64	Soil	15,540	2.83
08/18/2021	18:01:35	78801.33	394728.43	40.64	Soil	17,040	3.88
08/18/2021	18:01:36	78801.44	394728.40	40.65	Soil	15,600	2.87
08/18/2021	18:01:37	78801.47	394728.39	40.65	Soil	16,260	3.33
08/18/2021	18:01:38	78801.48	394728.39	40.65	Soil	16,200	3.29
08/18/2021	18:01:39	78801.62	394728.38	40.64	Soil	14,880	2.36
08/18/2021	18:01:40	78801.65	394728.37	40.64	Soil	15,540	2.83
08/18/2021	18:01:41	78801.51	394728.50	40.64	Soil	15,300	2.66
08/18/2021	18:01:42	78801.37	394728.58	40.65	Soil	18,360	4.81
08/18/2021	18:01:43	78801.25	394728.44	40.70	Soil	16,020	3.16
08/18/2021	18:01:44	78800.93	394728.68	40.66	Soil	12,960	1.02
08/18/2021	18:01:45	78800.58	394728.68	40.65	Soil	12,720	0.85
08/18/2021	18:01:46	78800.22	394728.78	40.62	Soil	12,900	0.98
08/18/2021	18:01:47	78800.03	394728.41	40.63	Soil	11,100	-0.29
08/18/2021	18:01:48	78799.92	394727.99	40.62	Soil	12,360	0.60
08/18/2021	18:01:49	78799.74	394727.69	40.62	Soil	10,440	-0.75
08/18/2021	18:01:50	78799.68	394727.44	40.61	Soil	14,280	1.94
08/18/2021	18:01:51	78799.57	394727.03	40.58	Soil	11,880	0.26
08/18/2021	18:01:52	78799.53	394726.82	40.58	Soil	12,120	0.43
08/18/2021	18:01:53	78799.38	394726.67	40.56	Soil	13,620	1.48
08/18/2021	18:01:54	78799.30	394726.45	40.53	Soil	10,440	-0.75
08/18/2021	18:01:55	78799.15	394726.37	40.50	Soil	9,840	-1.17
08/18/2021	18:01:56	78799.04	394726.24	40.48	Soil	9,540	-1.38
08/18/2021	18:01:57	78798.95	394726.08	40.47	Soil	9,780	-1.21
08/18/2021	18:01:58	78798.81	394725.94	40.45	Soil	11,160	-0.25
08/18/2021	18:01:59	78798.72	394725.79	40.44	Soil	12,420	0.64
08/18/2021	18:02:00	78798.55	394725.65	40.43	Soil	9,000	-1.76
08/18/2021	18:02:01	78798.44	394725.50	40.40	Soil	11,400	-0.08
08/18/2021	18:02:02	78798.27	394725.28	40.42	Soil	10,200	-0.92
08/18/2021	18:02:03	78798.08	394725.05	40.43	Soil	10,980	-0.37
08/18/2021	18:02:04	78798.05	394724.77	40.44	Soil	10,200	-0.92
08/18/2021	18:02:05	78797.91	394724.49	40.44	Soil	12,060	0.39
08/18/2021	18:02:06	78797.85	394724.20	40.41	Soil	10,860	-0.46
08/18/2021	18:02:07	78797.70	394723.96	40.46	Soil	9,600	-1.34
08/18/2021	18:02:08	78797.76	394723.61	40.45	Soil	10,320	-0.84
08/18/2021	18:02:09	78797.58	394723.31	40.49	Soil	12,900	0.98
08/18/2021	18:02:10	78797.40	394723.09	40.50	Soil	10,260	-0.88
08/18/2021	18:02:11	78797.31	394722.81	40.51	Soil	11,340	-0.12
08/18/2021	18:02:12	78797.16	394722.60	40.51	Soil	12,300	0.55

SU 7D GWS RESULTS
(SOIL)

08/18/2021	18:02:13	78797.04	394722.39	40.52	Soil	11,820	0.22
08/18/2021	18:02:14	78797.05	394722.19	40.49	Soil	12,120	0.43
08/18/2021	18:02:47	78800.05	394728.85	40.47	Soil	15,300	2.66
08/18/2021	18:02:48	78800.04	394728.77	40.45	Soil	12,720	0.85
08/18/2021	18:02:49	78799.96	394728.69	40.45	Soil	13,560	1.44
08/18/2021	18:02:50	78799.99	394728.83	40.43	Soil	14,760	2.28
08/18/2021	18:02:51	78800.04	394728.92	40.44	Soil	13,680	1.52
08/18/2021	18:02:52	78800.17	394728.71	40.43	Soil	14,580	2.15
08/18/2021	18:02:53	78800.06	394728.78	40.44	Soil	13,860	1.65
08/18/2021	18:02:54	78800.16	394728.76	40.46	Soil	12,240	0.51
08/18/2021	18:02:55	78800.29	394728.72	40.48	Soil	12,600	0.76
08/18/2021	18:02:56	78800.41	394728.81	40.50	Soil	13,320	1.27
08/18/2021	18:02:57	78800.51	394728.65	40.51	Soil	15,480	2.79
08/18/2021	18:02:58	78800.65	394728.73	40.52	Soil	14,520	2.11
08/18/2021	18:02:59	78800.74	394728.55	40.53	Soil	14,160	1.86
08/18/2021	18:03:00	78800.89	394728.59	40.51	Soil	17,520	4.22
08/18/2021	18:03:01	78800.95	394728.40	40.50	Soil	15,900	3.08
08/18/2021	18:03:02	78801.10	394728.47	40.46	Soil	16,620	3.59
08/18/2021	18:03:03	78801.16	394728.30	40.45	Soil	15,600	2.87
08/18/2021	18:03:04	78801.33	394728.29	40.41	Soil	14,580	2.15
08/18/2021	18:03:05	78801.49	394728.22	40.40	Soil	16,320	3.38
08/18/2021	18:03:06	78801.69	394728.17	40.36	Soil	12,000	0.34
08/18/2021	18:03:07	78801.95	394728.21	40.35	Soil	13,740	1.56
08/18/2021	18:03:08	78802.34	394728.08	40.33	Soil	14,700	2.24
08/18/2021	18:03:09	78802.54	394728.08	40.33	Soil	14,040	1.78
08/18/2021	18:03:10	78802.77	394727.96	40.29	Soil	14,400	2.03
08/18/2021	18:03:11	78803.00	394727.91	40.30	Soil	15,480	2.79
08/18/2021	18:03:12	78803.24	394727.76	40.27	Soil	13,440	1.35
08/18/2021	18:03:13	78803.28	394727.69	40.27	Soil	12,960	1.02
08/18/2021	18:03:14	78803.28	394727.46	40.27	Soil	13,800	1.61
08/18/2021	18:03:15	78803.21	394727.59	40.28	Soil	13,980	1.73
08/18/2021	18:03:16	78803.07	394727.52	40.30	Soil	15,120	2.53
08/18/2021	18:03:17	78802.93	394727.70	40.31	Soil	13,680	1.52
08/18/2021	18:03:18	78802.73	394727.69	40.34	Soil	14,820	2.32
08/18/2021	18:03:19	78802.56	394727.86	40.38	Soil	13,620	1.48
08/18/2021	18:03:20	78802.24	394727.80	40.43	Soil	15,120	2.53
08/18/2021	18:03:21	78802.12	394728.03	40.40	Soil	15,900	3.08
08/18/2021	18:03:22	78801.97	394727.99	40.42	Soil	15,720	2.95
08/18/2021	18:03:23	78801.80	394728.19	40.45	Soil	16,440	3.46
08/18/2021	18:03:24	78801.60	394728.07	40.47	Soil	17,760	4.39
08/18/2021	18:03:25	78801.37	394728.26	40.50	Soil	15,720	2.95
08/18/2021	18:03:26	78801.13	394728.18	40.52	Soil	15,120	2.53
08/18/2021	18:03:27	78800.92	394728.33	40.53	Soil	13,980	1.73
08/18/2021	18:03:28	78800.72	394728.32	40.51	Soil	13,560	1.44
08/18/2021	18:03:29	78800.53	394728.41	40.52	Soil	14,580	2.15
08/18/2021	18:03:30	78800.35	394728.41	40.52	Soil	13,380	1.31
08/18/2021	18:03:31	78800.20	394728.54	40.52	Soil	11,160	-0.25
08/18/2021	18:03:32	78800.08	394728.32	40.54	Soil	12,120	0.43
08/18/2021	18:03:33	78799.91	394728.01	40.52	Soil	13,800	1.61
08/18/2021	18:03:34	78799.91	394727.91	40.53	Soil	13,920	1.69
08/18/2021	18:03:35	78800.05	394727.99	40.55	Soil	13,440	1.35

SU 7D GWS RESULTS
(SOIL)

08/18/2021	18:03:36	78800.17	394727.92	40.55	Soil	14,160	1.86
08/18/2021	18:03:37	78800.24	394728.09	40.54	Soil	12,900	0.98
08/18/2021	18:03:38	78800.27	394728.12	40.54	Soil	14,280	1.94
08/18/2021	18:03:39	78800.35	394728.04	40.57	Soil	14,400	2.03
08/18/2021	18:03:40	78800.51	394727.94	40.56	Soil	15,240	2.62
08/18/2021	18:03:41	78800.63	394728.10	40.55	Soil	15,180	2.58
08/18/2021	18:03:42	78800.79	394727.95	40.52	Soil	16,200	3.29
08/18/2021	18:03:43	78800.99	394727.99	40.52	Soil	15,420	2.74
08/18/2021	18:03:44	78801.16	394727.74	40.52	Soil	16,800	3.71
08/18/2021	18:03:45	78801.29	394727.79	40.52	Soil	17,700	4.34
08/18/2021	18:03:46	78801.36	394727.76	40.52	Soil	15,840	3.04
08/18/2021	18:03:47	78801.38	394727.66	40.50	Soil	14,160	1.86
08/18/2021	18:03:48	78801.36	394727.72	40.50	Soil	16,560	3.54
08/18/2021	18:03:49	78801.33	394727.77	40.50	Soil	15,900	3.08
08/18/2021	18:03:50	78801.23	394727.61	40.50	Soil	17,520	4.22
08/18/2021	18:03:51	78801.23	394727.65	40.50	Soil	18,540	4.93
08/18/2021	18:03:52	78801.23	394727.67	40.49	Soil	16,800	3.71
08/18/2021	18:03:53	78801.23	394727.68	40.49	Soil	15,960	3.12
08/18/2021	18:03:54	78801.23	394727.68	40.49	Soil	16,860	3.75
08/18/2021	18:03:55	78801.23	394727.69	40.48	Soil	16,320	3.38
08/18/2021	18:03:56	78801.23	394727.69	40.48	Soil	14,940	2.41
08/18/2021	18:03:57	78801.23	394727.69	40.48	Soil	17,040	3.88
08/18/2021	18:03:58	78801.24	394727.70	40.48	Soil	15,120	2.53
08/18/2021	18:03:59	78801.24	394727.72	40.47	Soil	15,900	3.08
08/18/2021	18:04:00	78801.23	394727.73	40.46	Soil	16,380	3.42
08/18/2021	18:04:01	78801.21	394727.73	40.45	Soil	16,380	3.42
08/18/2021	18:04:02	78801.26	394727.70	40.44	Soil	16,320	3.38
08/18/2021	18:04:03	78801.58	394727.40	40.44	Soil	15,120	2.53
08/18/2021	18:04:04	78801.65	394727.39	40.42	Soil	14,580	2.15
08/18/2021	18:04:05	78801.88	394727.46	40.42	Soil	15,660	2.91
08/18/2021	18:04:06	78801.80	394727.52	40.43	Soil	15,120	2.53
08/18/2021	18:04:07	78801.80	394727.87	40.44	Soil	15,300	2.66
08/18/2021	18:04:08	78801.87	394728.04	40.46	Soil	13,740	1.56
08/18/2021	18:04:09	78801.82	394727.88	40.47	Soil	17,100	3.92
08/18/2021	18:04:10	78801.65	394728.14	40.48	Soil	17,340	4.09
08/18/2021	18:04:11	78801.69	394728.10	40.47	Soil	16,560	3.54
08/18/2021	18:04:12	78801.63	394728.13	40.49	Soil	15,000	2.45
08/18/2021	18:04:13	78801.59	394727.96	40.51	Soil	15,420	2.74
08/18/2021	18:04:14	78801.31	394727.97	40.52	Soil	15,360	2.70
08/18/2021	18:04:15	78801.35	394728.14	40.52	Soil	16,560	3.54
08/18/2021	18:04:16	78801.25	394728.01	40.50	Soil	15,240	2.62
08/18/2021	18:04:17	78801.47	394727.97	40.51	Soil	15,360	2.70
08/18/2021	18:04:18	78801.66	394727.65	40.52	Soil	14,400	2.03
08/18/2021	18:04:19	78801.96	394727.79	40.46	Soil	14,940	2.41
08/18/2021	18:04:20	78802.22	394727.42	40.43	Soil	15,960	3.12
08/18/2021	18:04:21	78802.31	394727.62	40.42	Soil	15,120	2.53
08/18/2021	18:04:22	78802.46	394727.50	40.41	Soil	15,120	2.53
08/18/2021	18:04:23	78802.74	394727.43	40.41	Soil	13,320	1.27
08/18/2021	18:04:24	78802.88	394727.20	40.41	Soil	15,240	2.62
08/18/2021	18:04:25	78803.15	394726.96	40.40	Soil	14,340	1.99
08/18/2021	18:04:26	78803.01	394727.00	40.40	Soil	15,180	2.58

SU 7D GWS RESULTS
(SOIL)

08/18/2021	18:04:27	78802.86	394726.88	40.40	Soil	13,320	1.27
08/18/2021	18:04:28	78802.78	394727.08	40.40	Soil	13,500	1.40
08/18/2021	18:04:29	78802.66	394727.09	40.40	Soil	17,040	3.88
08/18/2021	18:04:30	78802.52	394727.12	40.42	Soil	13,740	1.56
08/18/2021	18:04:31	78802.41	394727.26	40.43	Soil	14,940	2.41
08/18/2021	18:04:32	78802.26	394727.10	40.45	Soil	15,840	3.04
08/18/2021	18:04:33	78801.92	394727.44	40.48	Soil	16,080	3.21
08/18/2021	18:04:34	78801.77	394727.51	40.48	Soil	16,500	3.50
08/18/2021	18:04:35	78801.61	394727.40	40.49	Soil	15,720	2.95
08/18/2021	18:04:36	78801.43	394727.53	40.48	Soil	16,680	3.63
08/18/2021	18:04:37	78801.21	394727.53	40.50	Soil	14,760	2.28
08/18/2021	18:04:38	78801.02	394727.74	40.52	Soil	15,720	2.95
08/18/2021	18:04:39	78800.84	394727.68	40.56	Soil	14,280	1.94
08/18/2021	18:04:40	78800.68	394727.82	40.55	Soil	12,240	0.51
08/18/2021	18:04:41	78800.48	394727.84	40.52	Soil	11,520	0.01
08/18/2021	18:04:42	78800.28	394727.95	40.45	Soil	14,340	1.99
08/18/2021	18:04:43	78799.99	394728.02	40.42	Soil	11,820	0.22
08/18/2021	18:04:44	78799.83	394727.92	40.42	Soil	11,700	0.13
08/18/2021	18:04:45	78799.76	394727.52	40.45	Soil	11,040	-0.33
08/18/2021	18:04:46	78799.78	394727.36	40.44	Soil	14,400	2.03
08/18/2021	18:04:47	78799.80	394727.43	40.43	Soil	11,580	0.05
08/18/2021	18:04:48	78799.91	394727.54	40.50	Soil	11,220	-0.20
08/18/2021	18:04:49	78800.03	394727.50	40.52	Soil	14,220	1.90
08/18/2021	18:04:50	78800.19	394727.65	40.53	Soil	14,160	1.86
08/18/2021	18:04:51	78800.38	394727.51	40.51	Soil	16,200	3.29
08/18/2021	18:04:52	78800.53	394727.60	40.48	Soil	16,680	3.63
08/18/2021	18:04:53	78800.67	394727.41	40.45	Soil	15,180	2.58
08/18/2021	18:04:54	78800.87	394727.41	40.44	Soil	14,700	2.24
08/18/2021	18:04:55	78800.98	394727.25	40.42	Soil	15,360	2.70
08/18/2021	18:04:56	78801.20	394727.17	40.43	Soil	16,980	3.84
08/18/2021	18:04:57	78801.28	394726.97	40.40	Soil	16,320	3.38
08/18/2021	18:04:58	78801.50	394727.10	40.42	Soil	16,860	3.75
08/18/2021	18:04:59	78801.74	394726.84	40.34	Soil	15,480	2.79
08/18/2021	18:05:00	78801.99	394726.98	40.32	Soil	15,420	2.74
08/18/2021	18:05:01	78802.17	394726.86	40.31	Soil	14,880	2.36
08/18/2021	18:05:02	78802.35	394727.05	40.30	Soil	14,100	1.82
08/18/2021	18:05:03	78802.61	394726.94	40.30	Soil	13,980	1.73
08/18/2021	18:05:04	78802.85	394727.04	40.31	Soil	14,280	1.94
08/18/2021	18:05:05	78803.09	394727.09	40.32	Soil	15,720	2.95
08/18/2021	18:05:06	78802.88	394727.31	40.31	Soil	16,080	3.21
08/18/2021	18:05:07	78802.73	394727.19	40.32	Soil	15,660	2.91
08/18/2021	18:05:08	78802.52	394727.23	40.34	Soil	16,020	3.16
08/18/2021	18:05:09	78802.31	394727.15	40.33	Soil	15,240	2.62
08/18/2021	18:05:10	78802.08	394727.22	40.35	Soil	14,940	2.41
08/18/2021	18:05:11	78802.01	394727.48	40.42	Soil	15,300	2.66
08/18/2021	18:05:12	78801.67	394727.62	40.41	Soil	14,460	2.07
08/18/2021	18:05:13	78801.49	394727.50	40.42	Soil	15,600	2.87
08/18/2021	18:05:14	78801.31	394727.42	40.45	Soil	17,100	3.92
08/18/2021	18:05:15	78800.86	394727.55	40.46	Soil	13,860	1.65
08/18/2021	18:05:16	78800.91	394727.31	40.49	Soil	13,980	1.73
08/18/2021	18:05:17	78800.68	394727.15	40.52	Soil	12,780	0.89

SU 7D GWS RESULTS
(SOIL)

08/18/2021	18:05:18	78800.68	394726.95	40.52	Soil	14,400	2.03
08/18/2021	18:05:19	78800.69	394726.80	40.55	Soil	13,620	1.48
08/18/2021	18:05:20	78800.38	394727.00	40.56	Soil	12,600	0.76
08/18/2021	18:05:21	78800.32	394727.02	40.55	Soil	12,480	0.68
08/18/2021	18:05:22	78800.35	394726.88	40.57	Soil	12,180	0.47
08/18/2021	18:05:23	78800.33	394727.10	40.56	Soil	13,140	1.14
08/18/2021	18:05:24	78800.18	394727.13	40.56	Soil	11,700	0.13
08/18/2021	18:05:25	78800.07	394727.20	40.54	Soil	11,700	0.13
08/18/2021	18:05:26	78800.00	394727.42	40.54	Soil	11,940	0.30
08/18/2021	18:05:27	78799.82	394727.45	40.56	Soil	9,240	-1.59
08/18/2021	18:05:28	78799.92	394727.48	40.53	Soil	11,280	-0.16
08/18/2021	18:05:29	78799.85	394727.65	40.57	Soil	12,120	0.43
08/18/2021	18:05:30	78799.93	394727.44	40.61	Soil	12,600	0.76
08/18/2021	18:05:31	78800.06	394727.41	40.64	Soil	13,140	1.14
08/18/2021	18:05:32	78800.20	394727.28	40.65	Soil	12,120	0.43
08/18/2021	18:05:33	78800.37	394727.27	40.63	Soil	14,340	1.99
08/18/2021	18:05:34	78800.56	394727.17	40.59	Soil	15,000	2.45
08/18/2021	18:05:35	78800.75	394727.13	40.57	Soil	13,080	1.10
08/18/2021	18:05:36	78800.94	394726.95	40.56	Soil	16,020	3.16
08/18/2021	18:05:37	78801.17	394726.98	40.55	Soil	15,420	2.74
08/18/2021	18:05:38	78801.41	394726.85	40.56	Soil	16,020	3.16
08/18/2021	18:05:39	78801.71	394726.61	40.47	Soil	15,540	2.83
08/18/2021	18:05:40	78801.95	394726.57	40.46	Soil	13,980	1.73
08/18/2021	18:05:41	78802.14	394726.70	40.47	Soil	15,600	2.87
08/18/2021	18:05:42	78802.14	394726.82	40.48	Soil	15,240	2.62
08/18/2021	18:05:43	78802.06	394726.86	40.50	Soil	15,300	2.66
08/18/2021	18:05:44	78802.10	394726.96	40.49	Soil	16,080	3.21
08/18/2021	18:05:45	78802.12	394727.00	40.48	Soil	16,320	3.38
08/18/2021	18:05:46	78801.89	394726.99	40.56	Soil	16,260	3.33
08/18/2021	18:05:47	78801.55	394726.88	40.58	Soil	16,860	3.75
08/18/2021	18:05:48	78801.49	394726.92	40.57	Soil	16,200	3.29
08/18/2021	18:05:49	78801.51	394726.96	40.56	Soil	14,280	1.94
08/18/2021	18:05:50	78801.85	394726.95	40.49	Soil	15,900	3.08
08/18/2021	18:05:51	78802.12	394726.91	40.48	Soil	13,980	1.73
08/18/2021	18:05:52	78802.25	394726.96	40.48	Soil	13,620	1.48
08/18/2021	18:05:53	78802.39	394726.74	40.46	Soil	16,320	3.38
08/18/2021	18:05:54	78802.58	394726.78	40.47	Soil	12,900	0.98
08/18/2021	18:05:55	78802.78	394726.65	40.47	Soil	13,740	1.56
08/18/2021	18:05:56	78803.01	394726.77	40.47	Soil	13,080	1.10
08/18/2021	18:05:57	78803.17	394726.72	40.47	Soil	13,800	1.61
08/18/2021	18:05:58	78803.12	394726.70	40.44	Soil	14,400	2.03
08/18/2021	18:05:59	78803.14	394726.42	40.45	Soil	12,960	1.02
08/18/2021	18:06:00	78803.00	394726.48	40.45	Soil	13,500	1.40
08/18/2021	18:06:01	78802.87	394726.24	40.45	Soil	12,480	0.68
08/18/2021	18:06:02	78802.70	394726.42	40.47	Soil	14,400	2.03
08/18/2021	18:06:03	78802.52	394726.19	40.49	Soil	14,340	1.99
08/18/2021	18:06:04	78802.33	394726.34	40.50	Soil	12,480	0.68
08/18/2021	18:06:05	78802.17	394726.19	40.51	Soil	14,700	2.24
08/18/2021	18:06:06	78801.99	394726.20	40.52	Soil	13,080	1.10
08/18/2021	18:06:07	78801.84	394726.33	40.58	Soil	14,700	2.24
08/18/2021	18:06:08	78801.73	394726.41	40.53	Soil	16,200	3.29

SU 7D GWS RESULTS
(SOIL)

08/18/2021	18:06:09	78801.58	394726.23	40.56	Soil	15,240	2.62
08/18/2021	18:06:10	78801.38	394726.51	40.59	Soil	13,800	1.61
08/18/2021	18:06:11	78801.12	394726.41	40.63	Soil	14,040	1.78
08/18/2021	18:06:12	78800.99	394726.69	40.69	Soil	12,900	0.98
08/18/2021	18:06:13	78800.88	394726.65	40.73	Soil	13,080	1.10
08/18/2021	18:06:14	78800.73	394726.88	40.75	Soil	12,900	0.98
08/18/2021	18:06:15	78800.48	394726.79	40.74	Soil	12,300	0.55
08/18/2021	18:06:16	78800.27	394726.96	40.71	Soil	13,020	1.06
08/18/2021	18:06:17	78800.03	394726.89	40.64	Soil	11,580	0.05
08/18/2021	18:06:18	78799.72	394727.05	40.60	Soil	11,280	-0.16
08/18/2021	18:06:19	78799.64	394726.81	40.54	Soil	11,400	-0.08
08/18/2021	18:06:20	78799.23	394726.57	40.53	Soil	10,680	-0.58
08/18/2021	18:06:21	78799.29	394726.65	40.55	Soil	9,540	-1.38
08/18/2021	18:06:22	78799.42	394726.65	40.56	Soil	11,040	-0.33
08/18/2021	18:06:23	78799.53	394726.56	40.57	Soil	9,420	-1.47
08/18/2021	18:06:24	78799.67	394726.60	40.59	Soil	12,000	0.34
08/18/2021	18:06:25	78799.83	394726.48	40.60	Soil	10,980	-0.37
08/18/2021	18:06:26	78799.98	394726.63	40.61	Soil	12,420	0.64
08/18/2021	18:06:27	78800.16	394726.50	40.61	Soil	11,880	0.26
08/18/2021	18:06:28	78800.29	394726.66	40.58	Soil	12,480	0.68
08/18/2021	18:06:29	78800.53	394726.46	40.57	Soil	13,500	1.40
08/18/2021	18:06:30	78800.71	394726.62	40.53	Soil	14,340	1.99
08/18/2021	18:06:31	78800.88	394726.40	40.49	Soil	15,240	2.62
08/18/2021	18:06:32	78801.08	394726.47	40.45	Soil	16,140	3.25
08/18/2021	18:06:33	78801.23	394726.20	40.47	Soil	14,220	1.90
08/18/2021	18:06:34	78801.61	394726.31	40.41	Soil	16,440	3.46
08/18/2021	18:06:35	78801.88	394726.04	40.39	Soil	14,520	2.11
08/18/2021	18:06:36	78802.00	394726.18	40.39	Soil	13,500	1.40
08/18/2021	18:06:37	78802.17	394726.02	40.36	Soil	15,120	2.53
08/18/2021	18:06:38	78802.33	394726.12	40.35	Soil	13,920	1.69
08/18/2021	18:06:39	78802.55	394726.00	40.33	Soil	14,040	1.78
08/18/2021	18:06:40	78802.66	394726.22	40.33	Soil	13,200	1.19
08/18/2021	18:06:41	78802.92	394726.00	40.31	Soil	13,020	1.06
08/18/2021	18:06:42	78803.29	394726.01	40.31	Soil	12,480	0.68
08/18/2021	18:06:43	78803.19	394725.91	40.30	Soil	13,380	1.31
08/18/2021	18:06:44	78803.21	394725.69	40.29	Soil	13,680	1.52
08/18/2021	18:06:45	78803.11	394725.67	40.29	Soil	12,360	0.60
08/18/2021	18:06:46	78802.98	394725.64	40.29	Soil	13,560	1.44
08/18/2021	18:06:47	78802.88	394725.73	40.29	Soil	14,760	2.28
08/18/2021	18:06:48	78802.74	394725.63	40.30	Soil	14,820	2.32
08/18/2021	18:06:49	78802.59	394725.71	40.31	Soil	14,760	2.28
08/18/2021	18:06:50	78802.45	394725.58	40.32	Soil	13,620	1.48
08/18/2021	18:06:51	78802.27	394725.84	40.33	Soil	15,240	2.62
08/18/2021	18:07:37	78802.11	394725.76	40.25	Soil	14,640	2.20
08/18/2021	18:07:37	78802.07	394725.75	40.24	Soil	12,240	0.51
08/18/2021	18:07:38	78802.02	394725.75	40.24	Soil	12,120	0.43
08/18/2021	18:07:39	78801.97	394725.71	40.25	Soil	14,640	2.20
08/18/2021	18:07:40	78801.76	394725.71	40.25	Soil	14,820	2.32
08/18/2021	18:07:42	78801.61	394725.79	40.30	Soil	14,760	2.28
08/18/2021	18:07:43	78801.49	394725.94	40.26	Soil	14,700	2.24
08/18/2021	18:07:43	78801.31	394726.02	40.26	Soil	14,760	2.28

SU 7D GWS RESULTS
(SOIL)

08/18/2021	18:07:44	78801.14	394726.15	40.27	Soil	13,620	1.48
08/18/2021	18:07:46	78801.12	394726.32	40.31	Soil	13,380	1.31
08/18/2021	18:07:46	78800.91	394726.20	40.31	Soil	13,740	1.56
08/18/2021	18:07:47	78800.86	394726.56	40.34	Soil	12,180	0.47
08/18/2021	18:07:49	78800.72	394726.41	40.38	Soil	13,140	1.14
08/18/2021	18:07:49	78800.67	394726.37	40.39	Soil	13,440	1.35
08/18/2021	18:07:50	78800.52	394726.51	40.39	Soil	12,060	0.39
08/18/2021	18:07:52	78800.37	394726.39	40.39	Soil	12,660	0.81
08/18/2021	18:07:53	78800.19	394726.48	40.40	Soil	11,280	-0.16
08/18/2021	18:07:53	78800.00	394726.45	40.38	Soil	12,360	0.60
08/18/2021	18:07:55	78799.86	394726.58	40.35	Soil	11,220	-0.20
08/18/2021	18:07:56	78799.68	394726.57	40.29	Soil	10,080	-1.00
08/18/2021	18:07:56	78799.47	394726.80	40.29	Soil	11,040	-0.33
08/18/2021	18:07:57	78799.38	394726.81	40.29	Soil	10,860	-0.46
08/18/2021	18:07:59	78799.28	394726.60	40.29	Soil	11,760	0.18
08/18/2021	18:07:59	78799.17	394726.51	40.19	Soil	10,200	-0.92
08/18/2021	18:08:01	78798.86	394726.31	40.20	Soil	10,500	-0.71
08/18/2021	18:08:01	78798.90	394726.39	40.20	Soil	9,900	-1.13
08/18/2021	18:08:02	78798.97	394726.49	40.20	Soil	9,600	-1.34
08/18/2021	18:08:03	78799.09	394726.23	40.23	Soil	11,220	-0.20
08/18/2021	18:08:04	78799.31	394726.42	40.27	Soil	10,560	-0.67
08/18/2021	18:08:06	78799.45	394726.22	40.28	Soil	10,860	-0.46
08/18/2021	18:08:06	78799.57	394726.18	40.28	Soil	12,300	0.55
08/18/2021	18:08:07	78799.72	394726.29	40.29	Soil	13,440	1.35
08/18/2021	18:08:08	78799.86	394726.07	40.30	Soil	11,820	0.22
08/18/2021	18:08:09	78800.02	394726.25	40.31	Soil	13,500	1.40
08/18/2021	18:08:10	78800.18	394726.10	40.32	Soil	13,500	1.40
08/18/2021	18:08:12	78800.35	394726.26	40.30	Soil	14,340	1.99
08/18/2021	18:08:13	78800.45	394726.28	40.30	Soil	13,740	1.56
08/18/2021	18:08:14	78800.62	394726.12	40.31	Soil	12,540	0.72
08/18/2021	18:08:15	78800.76	394726.22	40.26	Soil	15,600	2.87
08/18/2021	18:08:16	78800.98	394726.04	40.18	Soil	15,000	2.45
08/18/2021	18:08:17	78801.24	394725.98	40.21	Soil	13,500	1.40
08/18/2021	18:08:18	78801.45	394725.86	40.21	Soil	13,800	1.61
08/18/2021	18:08:19	78801.70	394725.98	40.21	Soil	13,680	1.52
08/18/2021	18:08:20	78802.00	394725.80	40.12	Soil	14,460	2.07
08/18/2021	18:08:21	78802.21	394725.75	40.08	Soil	13,380	1.31
08/18/2021	18:08:21	78802.44	394725.84	40.08	Soil	15,600	2.87
08/18/2021	18:08:23	78802.66	394725.65	40.08	Soil	13,980	1.73
08/18/2021	18:08:24	78803.08	394725.64	40.08	Soil	12,600	0.76
08/18/2021	18:08:25	78802.91	394725.51	40.09	Soil	14,820	2.32
08/18/2021	18:08:26	78802.96	394725.16	40.09	Soil	14,040	1.78
08/18/2021	18:08:27	78802.80	394725.34	40.10	Soil	15,360	2.70
08/18/2021	18:08:28	78802.67	394725.18	40.10	Soil	13,200	1.19
08/18/2021	18:08:29	78802.50	394725.28	40.12	Soil	14,760	2.28
08/18/2021	18:08:30	78802.32	394725.39	40.12	Soil	13,380	1.31
08/18/2021	18:08:31	78802.03	394725.18	40.18	Soil	12,120	0.43
08/18/2021	18:08:32	78801.94	394725.30	40.19	Soil	14,640	2.20
08/18/2021	18:08:33	78801.96	394725.23	40.18	Soil	13,320	1.27
08/18/2021	18:08:34	78801.94	394725.21	40.20	Soil	14,100	1.82
08/18/2021	18:08:35	78801.72	394725.47	40.20	Soil	14,340	1.99

SU 7D GWS RESULTS
(SOIL)

08/18/2021	18:08:36	78801.56	394725.42	40.19	Soil	13,260	1.23
08/18/2021	18:08:37	78801.49	394725.74	40.21	Soil	13,140	1.14
08/18/2021	18:08:38	78801.26	394725.74	40.21	Soil	13,260	1.23
08/18/2021	18:08:38	78801.16	394726.00	40.21	Soil	14,220	1.90
08/18/2021	18:08:40	78800.84	394725.94	40.32	Soil	14,340	1.99
08/18/2021	18:08:40	78800.69	394726.14	40.34	Soil	11,760	0.18
08/18/2021	18:08:42	78800.54	394726.13	40.34	Soil	12,300	0.55
08/18/2021	18:08:42	78800.43	394726.35	40.35	Soil	12,120	0.43
08/18/2021	18:08:43	78800.23	394726.30	40.35	Soil	11,100	-0.29
08/18/2021	18:08:45	78800.05	394726.60	40.34	Soil	11,160	-0.25
08/18/2021	18:08:46	78799.85	394726.60	40.30	Soil	11,100	-0.29
08/18/2021	18:08:47	78799.59	394726.79	40.26	Soil	10,440	-0.75
08/18/2021	18:08:47	78799.16	394726.49	40.19	Soil	11,160	-0.25
08/18/2021	18:08:48	78799.00	394726.31	40.17	Soil	10,800	-0.50
08/18/2021	18:08:50	78799.13	394726.38	40.18	Soil	10,320	-0.84
08/18/2021	18:08:51	78799.29	394726.30	40.21	Soil	13,980	1.73
08/18/2021	18:08:52	78799.43	394726.13	40.29	Soil	10,620	-0.62
08/18/2021	18:08:53	78799.61	394726.15	40.29	Soil	11,700	0.13
08/18/2021	18:08:54	78799.72	394726.00	40.30	Soil	11,880	0.26
08/18/2021	18:08:55	78799.95	394726.13	40.32	Soil	11,880	0.26
08/18/2021	18:08:56	78800.02	394725.92	40.32	Soil	14,400	2.03
08/18/2021	18:08:56	78800.24	394726.07	40.37	Soil	15,120	2.53
08/18/2021	18:08:57	78800.41	394725.73	40.37	Soil	12,900	0.98
08/18/2021	18:08:58	78800.63	394725.83	40.32	Soil	14,160	1.86
08/18/2021	18:08:59	78800.76	394725.66	40.30	Soil	13,800	1.61
08/18/2021	18:09:00	78800.98	394725.74	40.23	Soil	13,740	1.56
08/18/2021	18:09:01	78801.16	394725.53	40.19	Soil	14,940	2.41
08/18/2021	18:09:02	78801.45	394725.63	40.19	Soil	12,600	0.76
08/18/2021	18:09:03	78801.50	394725.28	40.19	Soil	13,080	1.10
08/18/2021	18:09:04	78801.80	394725.23	40.19	Soil	14,400	2.03
08/18/2021	18:09:06	78802.06	394725.18	40.17	Soil	13,500	1.40
08/18/2021	18:09:07	78802.26	394724.94	40.12	Soil	12,720	0.85
08/18/2021	18:09:08	78802.60	394724.91	40.09	Soil	14,340	1.99
08/18/2021	18:09:08	78802.65	394724.65	40.09	Soil	12,780	0.89
08/18/2021	18:09:10	78802.79	394724.59	40.09	Soil	15,000	2.45
08/18/2021	18:09:11	78802.69	394724.68	40.11	Soil	12,660	0.81
08/18/2021	18:09:12	78802.55	394724.53	40.14	Soil	12,780	0.89
08/18/2021	18:09:12	78802.36	394724.68	40.19	Soil	11,640	0.09
08/18/2021	18:09:13	78802.13	394724.60	40.25	Soil	13,020	1.06
08/18/2021	18:09:14	78801.87	394724.84	40.25	Soil	11,640	0.09
08/18/2021	18:09:15	78801.69	394724.72	40.25	Soil	16,800	3.71
08/18/2021	18:09:16	78801.59	394724.89	40.24	Soil	13,980	1.73
08/18/2021	18:09:17	78801.40	394724.67	40.25	Soil	13,800	1.61
08/18/2021	18:09:18	78801.21	394724.80	40.25	Soil	12,540	0.72
08/18/2021	18:09:19	78801.04	394724.80	40.28	Soil	15,780	3.00
08/18/2021	18:09:20	78800.72	394724.87	40.41	Soil	13,140	1.14
08/18/2021	18:09:21	78800.66	394725.08	40.41	Soil	12,900	0.98
08/18/2021	18:09:22	78800.39	394725.24	40.49	Soil	12,480	0.68
08/18/2021	18:09:23	78800.34	394725.41	40.49	Soil	13,020	1.06
08/18/2021	18:09:24	78800.20	394725.43	40.43	Soil	12,540	0.72
08/18/2021	18:09:26	78800.00	394725.44	40.37	Soil	12,420	0.64

SU 7D GWS RESULTS
(SOIL)

08/18/2021	18:09:26	78799.83	394725.47	40.37	Soil	11,700	0.13
08/18/2021	18:09:27	78799.65	394725.55	40.36	Soil	11,760	0.18
08/18/2021	18:09:28	78799.49	394725.63	40.32	Soil	10,500	-0.71
08/18/2021	18:09:29	78799.31	394725.60	40.32	Soil	10,140	-0.96
08/18/2021	18:09:30	78799.16	394725.82	40.31	Soil	10,140	-0.96
08/18/2021	18:09:31	78798.89	394725.72	40.29	Soil	10,800	-0.50
08/18/2021	18:09:32	78798.89	394725.88	40.29	Soil	9,720	-1.26
08/18/2021	18:09:33	78798.76	394726.04	40.27	Soil	10,440	-0.75
08/18/2021	18:09:34	78798.83	394725.94	40.31	Soil	10,860	-0.46
08/18/2021	18:09:35	78799.01	394726.17	40.31	Soil	10,500	-0.71
08/18/2021	18:09:36	78799.17	394725.99	40.34	Soil	11,940	0.30
08/18/2021	18:09:37	78799.30	394726.14	40.37	Soil	9,960	-1.09
08/18/2021	18:09:38	78799.41	394726.03	40.39	Soil	12,900	0.98
08/18/2021	18:09:39	78799.55	394725.89	40.39	Soil	10,860	-0.46
08/18/2021	18:09:40	78799.76	394725.82	40.42	Soil	11,460	-0.04
08/18/2021	18:09:41	78799.90	394725.72	40.43	Soil	14,100	1.82
08/18/2021	18:09:42	78800.07	394725.63	40.47	Soil	11,520	0.01
08/18/2021	18:09:43	78800.18	394725.59	40.51	Soil	14,520	2.11
08/18/2021	18:09:44	78800.32	394725.49	40.51	Soil	13,680	1.52
08/18/2021	18:09:45	78800.59	394725.57	40.49	Soil	13,920	1.69
08/18/2021	18:09:46	78800.70	394725.61	40.49	Soil	13,020	1.06
08/18/2021	18:09:47	78800.67	394725.60	40.50	Soil	12,360	0.60
08/18/2021	18:09:48	78800.80	394725.29	40.49	Soil	13,620	1.48
08/18/2021	18:09:49	78801.26	394725.49	40.40	Soil	13,380	1.31
08/18/2021	18:09:50	78801.30	394725.47	40.38	Soil	12,660	0.81
08/18/2021	18:09:51	78801.26	394724.94	40.38	Soil	14,520	2.11
08/18/2021	18:09:52	78801.43	394725.01	40.37	Soil	15,360	2.70
08/18/2021	18:09:53	78801.41	394725.01	40.37	Soil	14,760	2.28
08/18/2021	18:09:54	78801.27	394725.06	40.39	Soil	11,640	0.09
08/18/2021	18:09:55	78801.19	394725.07	40.39	Soil	13,260	1.23
08/18/2021	18:09:56	78801.24	394725.23	40.41	Soil	14,340	1.99
08/18/2021	18:09:57	78801.19	394725.21	40.42	Soil	12,660	0.81
08/18/2021	18:09:58	78800.90	394725.15	40.42	Soil	12,000	0.34
08/18/2021	18:09:59	78800.79	394725.16	40.57	Soil	13,440	1.35
08/18/2021	18:10:00	78800.79	394725.18	40.57	Soil	11,940	0.30
08/18/2021	18:10:01	78800.77	394724.91	40.53	Soil	14,220	1.90
08/18/2021	18:10:02	78801.07	394724.87	40.42	Soil	13,500	1.40
08/18/2021	18:10:03	78801.39	394724.86	40.38	Soil	12,600	0.76
08/18/2021	18:10:04	78801.73	394724.96	40.36	Soil	13,800	1.61
08/18/2021	18:10:05	78801.99	394724.96	40.38	Soil	14,220	1.90
08/18/2021	18:10:06	78802.17	394725.22	40.33	Soil	12,600	0.76
08/18/2021	18:10:07	78802.31	394725.42	40.32	Soil	13,500	1.40
08/18/2021	18:10:08	78802.53	394725.77	40.31	Soil	13,680	1.52
08/18/2021	18:10:09	78802.56	394725.67	40.28	Soil	15,180	2.58
08/18/2021	18:10:10	78802.23	394725.80	40.31	Soil	15,360	2.70
08/18/2021	18:10:11	78802.38	394725.49	40.31	Soil	15,480	2.79
08/18/2021	18:10:12	78802.35	394725.11	40.31	Soil	14,700	2.24
08/18/2021	18:10:13	78802.56	394724.86	40.30	Soil	12,420	0.64
08/18/2021	18:10:14	78802.54	394724.54	40.35	Soil	13,500	1.40
08/18/2021	18:10:15	78802.70	394724.26	40.33	Soil	13,800	1.61
08/18/2021	18:10:16	78802.67	394723.88	40.35	Soil	12,480	0.68

SU 7D GWS RESULTS
(SOIL)

08/18/2021	18:10:17	78802.73	394723.72	40.35	Soil	12,060	0.39
08/18/2021	18:10:18	78802.70	394723.90	40.35	Soil	12,960	1.02
08/18/2021	18:10:19	78802.61	394723.81	40.34	Soil	13,200	1.19
08/18/2021	18:10:20	78802.62	394724.15	40.36	Soil	13,320	1.27
08/18/2021	18:10:21	78802.43	394724.13	40.37	Soil	10,920	-0.41
08/18/2021	18:10:22	78802.40	394724.42	40.36	Soil	12,000	0.34
08/18/2021	18:10:23	78802.16	394724.44	40.37	Soil	13,140	1.14
08/18/2021	18:10:24	78801.87	394724.48	40.41	Soil	13,200	1.19
08/18/2021	18:10:25	78801.65	394724.54	40.41	Soil	13,260	1.23
08/18/2021	18:10:26	78801.47	394724.36	40.40	Soil	12,480	0.68
08/18/2021	18:10:27	78801.35	394724.65	40.41	Soil	12,660	0.81
08/18/2021	18:10:28	78801.06	394724.61	40.41	Soil	13,440	1.35
08/18/2021	18:10:29	78800.83	394724.77	40.54	Soil	12,480	0.68
08/18/2021	18:10:30	78800.60	394724.70	40.50	Soil	14,820	2.32
08/18/2021	18:10:31	78800.52	394724.99	40.53	Soil	11,220	-0.20
08/18/2021	18:10:32	78800.33	394724.85	40.54	Soil	12,000	0.34
08/18/2021	18:10:33	78800.21	394725.27	40.47	Soil	13,020	1.06
08/18/2021	18:10:34	78799.99	394725.19	40.48	Soil	11,580	0.05
08/18/2021	18:10:35	78799.88	394725.12	40.48	Soil	10,800	-0.50
08/18/2021	18:10:36	78799.85	394725.43	40.43	Soil	10,200	-0.92
08/18/2021	18:10:37	78799.67	394725.34	40.40	Soil	11,280	-0.16
08/18/2021	18:10:38	78799.63	394725.54	40.42	Soil	10,380	-0.79
08/18/2021	18:10:39	78799.58	394725.66	40.41	Soil	10,380	-0.79
08/18/2021	18:10:40	78799.39	394725.67	40.38	Soil	10,320	-0.84
08/18/2021	18:10:41	78799.14	394725.82	40.36	Soil	10,740	-0.54
08/18/2021	18:10:42	78798.76	394725.70	40.30	Soil	10,140	-0.96
08/18/2021	18:10:43	78798.59	394725.66	40.30	Soil	11,280	-0.16
08/18/2021	18:10:44	78798.57	394725.49	40.31	Soil	9,720	-1.26
08/18/2021	18:10:45	78798.56	394725.43	40.30	Soil	10,080	-1.00
08/18/2021	18:10:46	78798.68	394725.60	40.32	Soil	10,560	-0.67
08/18/2021	18:10:47	78798.72	394725.37	40.33	Soil	10,740	-0.54
08/18/2021	18:10:48	78798.86	394725.52	40.35	Soil	11,160	-0.25
08/18/2021	18:10:49	78798.98	394725.32	40.37	Soil	10,740	-0.54
08/18/2021	18:10:50	78799.10	394725.38	40.36	Soil	10,500	-0.71
08/18/2021	18:10:51	78799.23	394725.22	40.37	Soil	11,160	-0.25
08/18/2021	18:10:52	78799.38	394725.25	40.37	Soil	12,720	0.85
08/18/2021	18:10:53	78799.50	394725.17	40.38	Soil	12,060	0.39
08/18/2021	18:10:54	78799.64	394725.11	40.39	Soil	12,900	0.98
08/18/2021	18:10:55	78799.88	394724.88	40.47	Soil	12,900	0.98
08/18/2021	18:10:56	78800.05	394725.08	40.54	Soil	12,420	0.64
08/18/2021	18:10:57	78800.09	394724.86	40.53	Soil	11,100	-0.29
08/18/2021	18:10:58	78800.28	394724.88	40.49	Soil	12,660	0.81
08/18/2021	18:10:59	78800.46	394724.56	40.51	Soil	12,360	0.60
08/18/2021	18:11:00	78800.72	394724.60	40.54	Soil	13,440	1.35
08/18/2021	18:11:01	78800.93	394724.29	40.53	Soil	11,940	0.30
08/18/2021	18:11:02	78801.15	394724.37	40.36	Soil	13,440	1.35
08/18/2021	18:11:03	78801.34	394724.37	40.36	Soil	12,660	0.81
08/18/2021	18:11:04	78801.64	394724.09	40.37	Soil	13,560	1.44
08/18/2021	18:11:05	78801.85	394724.28	40.38	Soil	13,620	1.48
08/18/2021	18:11:06	78802.09	394724.12	40.35	Soil	13,980	1.73
08/18/2021	18:11:07	78802.32	394724.28	40.32	Soil	12,720	0.85

SU 7D GWS RESULTS
(SOIL)

08/18/2021	18:11:08	78802.44	394724.01	40.33	Soil	12,120	0.43
08/18/2021	18:11:09	78802.69	394723.93	40.30	Soil	13,320	1.27
08/18/2021	18:11:10	78802.49	394723.89	40.30	Soil	13,620	1.48
08/18/2021	18:11:11	78802.38	394723.73	40.30	Soil	12,840	0.93
08/18/2021	18:11:12	78802.29	394724.06	40.31	Soil	15,240	2.62
08/18/2021	18:11:13	78802.04	394723.97	40.31	Soil	13,920	1.69
08/18/2021	18:11:14	78801.79	394724.01	40.33	Soil	13,260	1.23
08/18/2021	18:11:15	78801.69	394724.16	40.34	Soil	12,000	0.34
08/18/2021	18:11:16	78801.52	394724.15	40.36	Soil	13,740	1.56
08/18/2021	18:11:17	78801.52	394724.18	40.35	Soil	11,340	-0.12
08/18/2021	18:11:18	78801.11	394724.24	40.44	Soil	14,940	2.41
08/18/2021	18:11:19	78801.11	394724.50	40.41	Soil	12,780	0.89
08/18/2021	18:11:20	78801.09	394724.55	40.40	Soil	12,780	0.89
08/18/2021	18:11:21	78800.87	394724.58	40.50	Soil	13,020	1.06
08/20/2021	16:24:48	78774.16	394713.90	40.65	Soil	12,780	0.89
08/20/2021	16:24:49	78774.17	394713.93	40.65	Soil	13,680	1.52
08/20/2021	16:24:50	78774.28	394713.99	40.66	Soil	14,160	1.86
08/20/2021	16:24:51	78774.42	394714.11	40.64	Soil	12,120	0.43
08/20/2021	16:24:52	78774.53	394714.21	40.63	Soil	11,940	0.30
08/20/2021	16:24:53	78774.73	394714.29	40.63	Soil	14,160	1.86
08/20/2021	16:24:54	78774.85	394714.47	40.61	Soil	13,500	1.40
08/20/2021	16:24:55	78775.06	394714.52	40.61	Soil	11,460	-0.04
08/20/2021	16:24:56	78775.13	394714.68	40.59	Soil	12,180	0.47
08/20/2021	16:24:57	78775.35	394714.68	40.58	Soil	11,640	0.09
08/20/2021	16:24:58	78775.45	394714.75	40.57	Soil	12,660	0.81
08/20/2021	16:24:59	78775.54	394714.92	40.57	Soil	12,060	0.39
08/20/2021	16:25:00	78775.73	394715.03	40.57	Soil	13,440	1.35
08/20/2021	16:25:01	78775.83	394715.23	40.58	Soil	10,080	-1.00
08/20/2021	16:25:02	78776.02	394715.34	40.57	Soil	14,100	1.82
08/20/2021	16:25:03	78776.11	394715.52	40.57	Soil	12,660	0.81
08/20/2021	16:25:04	78776.31	394715.64	40.58	Soil	12,540	0.72
08/20/2021	16:25:05	78776.40	394715.82	40.57	Soil	11,880	0.26
08/20/2021	16:25:06	78776.63	394715.95	40.56	Soil	12,420	0.64
08/20/2021	16:25:07	78776.74	394716.22	40.56	Soil	11,460	-0.04
08/20/2021	16:25:08	78776.88	394716.50	40.46	Soil	11,940	0.30
08/20/2021	16:25:09	78777.10	394716.54	40.42	Soil	11,760	0.18
08/20/2021	16:25:10	78777.10	394716.76	40.37	Soil	11,880	0.26
08/20/2021	16:25:11	78777.29	394716.68	40.31	Soil	11,700	0.13
08/20/2021	16:25:12	78777.54	394716.59	40.29	Soil	12,300	0.55
08/20/2021	16:25:13	78777.54	394716.60	40.31	Soil	10,560	-0.67
08/20/2021	16:25:14	78777.50	394716.52	40.33	Soil	11,820	0.22
08/20/2021	16:25:15	78777.40	394716.50	40.34	Soil	12,840	0.93
08/20/2021	16:25:16	78777.23	394716.46	40.41	Soil	12,720	0.85
08/20/2021	16:25:17	78777.08	394716.21	40.50	Soil	13,380	1.31
08/20/2021	16:25:18	78776.94	394716.10	40.45	Soil	15,300	2.66
08/20/2021	16:25:19	78776.83	394715.97	40.46	Soil	14,100	1.82
08/20/2021	16:25:20	78776.66	394715.87	40.46	Soil	12,360	0.60
08/20/2021	16:25:21	78776.56	394715.64	40.47	Soil	14,100	1.82
08/20/2021	16:25:22	78776.35	394715.49	40.46	Soil	14,760	2.28
08/20/2021	16:25:23	78776.17	394715.24	40.48	Soil	14,760	2.28
08/20/2021	16:25:24	78775.93	394715.07	40.49	Soil	12,960	1.02

SU 7D GWS RESULTS
(SOIL)

08/20/2021	16:25:25	78775.81	394714.89	40.50	Soil	11,760	0.18
08/20/2021	16:25:26	78775.58	394714.78	40.51	Soil	13,080	1.10
08/20/2021	16:25:27	78775.41	394714.58	40.54	Soil	11,940	0.30
08/20/2021	16:25:28	78775.19	394714.40	40.54	Soil	14,700	2.24
08/20/2021	16:25:29	78775.01	394714.14	40.55	Soil	13,380	1.31
08/20/2021	16:25:30	78774.83	394713.87	40.55	Soil	11,880	0.26
08/20/2021	16:25:31	78774.70	394713.60	40.54	Soil	12,060	0.39
08/20/2021	16:25:32	78774.69	394713.32	40.55	Soil	14,760	2.28
08/20/2021	16:25:33	78774.88	394713.04	40.57	Soil	14,400	2.03
08/20/2021	16:25:34	78774.96	394713.02	40.56	Soil	13,980	1.73
08/20/2021	16:25:35	78775.05	394713.24	40.57	Soil	13,380	1.31
08/20/2021	16:25:36	78775.25	394713.40	40.57	Soil	14,400	2.03
08/20/2021	16:25:37	78775.35	394713.64	40.56	Soil	13,800	1.61
08/20/2021	16:25:38	78775.58	394713.81	40.55	Soil	13,260	1.23
08/20/2021	16:25:39	78775.62	394713.99	40.55	Soil	13,500	1.40
08/20/2021	16:25:40	78775.80	394714.09	40.55	Soil	13,440	1.35
08/20/2021	16:25:41	78775.92	394714.27	40.55	Soil	12,300	0.55
08/20/2021	16:25:42	78776.06	394714.42	40.54	Soil	11,700	0.13
08/20/2021	16:25:43	78776.22	394714.55	40.53	Soil	12,240	0.51
08/20/2021	16:25:44	78776.27	394714.63	40.52	Soil	11,820	0.22
08/20/2021	16:25:45	78776.41	394714.65	40.51	Soil	12,600	0.76
08/20/2021	16:25:46	78776.46	394714.83	40.49	Soil	12,000	0.34
08/20/2021	16:25:47	78776.60	394714.94	40.48	Soil	12,000	0.34
08/20/2021	16:25:48	78776.59	394715.12	40.46	Soil	12,480	0.68
08/20/2021	16:25:49	78776.71	394715.33	40.46	Soil	11,460	-0.04
08/20/2021	16:25:50	78776.71	394715.56	40.46	Soil	12,060	0.39
08/20/2021	16:25:51	78776.82	394715.73	40.46	Soil	11,160	-0.25
08/20/2021	16:25:52	78776.90	394715.86	40.48	Soil	12,960	1.02
08/20/2021	16:25:53	78776.95	394716.01	40.49	Soil	11,400	-0.08
08/20/2021	16:25:54	78777.13	394716.16	40.36	Soil	13,020	1.06
08/20/2021	16:25:55	78777.44	394716.34	40.30	Soil	12,420	0.64
08/20/2021	16:25:56	78777.67	394716.54	40.29	Soil	11,040	-0.33
08/20/2021	16:25:57	78777.65	394716.64	40.30	Soil	11,460	-0.04
08/20/2021	16:25:58	78777.53	394716.64	40.31	Soil	12,240	0.51
08/20/2021	16:25:59	78777.47	394716.59	40.31	Soil	10,800	-0.50
08/20/2021	16:26:00	78777.32	394716.57	40.34	Soil	12,660	0.81
08/20/2021	16:26:01	78777.37	394716.44	40.35	Soil	12,840	0.93
08/20/2021	16:26:02	78777.32	394716.46	40.35	Soil	12,720	0.85
08/20/2021	16:26:03	78777.31	394716.49	40.35	Soil	11,460	-0.04
08/20/2021	16:26:04	78777.33	394716.48	40.35	Soil	11,940	0.30
08/20/2021	16:26:05	78777.31	394716.41	40.36	Soil	12,360	0.60
08/20/2021	16:26:06	78777.07	394716.36	40.46	Soil	9,840	-1.17
08/20/2021	16:26:07	78776.98	394716.27	40.47	Soil	13,320	1.27
08/20/2021	16:26:08	78776.82	394716.09	40.45	Soil	14,700	2.24
08/20/2021	16:26:09	78776.63	394715.93	40.44	Soil	11,820	0.22
08/20/2021	16:26:10	78776.60	394715.73	40.45	Soil	12,720	0.85
08/20/2021	16:26:11	78776.31	394715.64	40.46	Soil	12,600	0.76
08/20/2021	16:26:12	78776.16	394715.40	40.47	Soil	12,840	0.93
08/20/2021	16:26:13	78775.95	394715.19	40.49	Soil	13,140	1.14
08/20/2021	16:26:14	78775.97	394714.96	40.49	Soil	13,680	1.52
08/20/2021	16:26:15	78775.99	394714.93	40.48	Soil	12,960	1.02

SU 7D GWS RESULTS
(SOIL)

08/20/2021	16:26:16	78776.03	394714.95	40.49	Soil	12,300	0.55
08/20/2021	16:26:17	78776.23	394714.77	40.49	Soil	12,960	1.02
08/20/2021	16:26:18	78776.26	394714.85	40.49	Soil	12,240	0.51
08/20/2021	16:26:19	78776.29	394715.05	40.49	Soil	13,500	1.40
08/20/2021	16:26:20	78776.43	394715.06	40.47	Soil	15,360	2.70
08/20/2021	16:26:21	78776.52	394715.08	40.47	Soil	12,000	0.34
08/20/2021	16:26:22	78776.48	394715.29	40.47	Soil	13,380	1.31
08/20/2021	16:26:23	78776.58	394715.31	40.46	Soil	12,540	0.72
08/20/2021	16:26:24	78776.67	394715.24	40.48	Soil	13,080	1.10
08/20/2021	16:26:25	78776.43	394715.15	40.49	Soil	11,460	-0.04
08/20/2021	16:26:26	78776.29	394714.93	40.52	Soil	11,760	0.18
08/20/2021	16:26:27	78776.00	394714.82	40.55	Soil	12,900	0.98
08/20/2021	16:26:28	78775.92	394714.59	40.57	Soil	12,660	0.81
08/20/2021	16:26:29	78775.72	394714.48	40.59	Soil	12,360	0.60
08/20/2021	16:26:30	78775.64	394714.32	40.59	Soil	12,480	0.68
08/20/2021	16:26:31	78775.45	394714.27	40.60	Soil	14,880	2.36
08/20/2021	16:26:32	78775.33	394714.13	40.61	Soil	13,020	1.06
08/20/2021	16:26:33	78775.11	394714.11	40.62	Soil	12,120	0.43
08/20/2021	16:26:34	78774.99	394713.97	40.64	Soil	10,740	-0.54
08/20/2021	16:26:35	78774.81	394713.84	40.64	Soil	12,000	0.34
08/20/2021	16:26:36	78774.82	394713.63	40.64	Soil	12,660	0.81
08/20/2021	16:26:37	78774.67	394713.53	40.63	Soil	12,120	0.43
08/20/2021	16:26:38	78774.54	394713.36	40.62	Soil	12,360	0.60
08/20/2021	16:26:39	78774.53	394713.16	40.64	Soil	12,360	0.60
08/20/2021	16:26:40	78774.71	394713.25	40.65	Soil	14,760	2.28
08/20/2021	16:26:41	78774.92	394713.31	40.66	Soil	13,380	1.31
08/20/2021	16:26:42	78774.97	394713.56	40.67	Soil	13,320	1.27
08/20/2021	16:26:43	78775.06	394713.76	40.69	Soil	13,440	1.35
08/20/2021	16:26:44	78775.17	394713.91	40.70	Soil	13,860	1.65
08/20/2021	16:26:45	78775.35	394714.03	40.69	Soil	13,140	1.14
08/20/2021	16:26:46	78775.49	394714.21	40.71	Soil	13,260	1.23
08/20/2021	16:26:47	78775.72	394714.30	40.71	Soil	10,860	-0.46
08/20/2021	16:26:48	78775.84	394714.51	40.70	Soil	13,440	1.35
08/20/2021	16:26:49	78776.11	394714.61	40.69	Soil	13,860	1.65
08/20/2021	16:26:50	78776.23	394714.85	40.66	Soil	11,880	0.26
08/20/2021	16:26:51	78776.48	394715.01	40.66	Soil	11,580	0.05
08/20/2021	16:26:52	78776.55	394715.28	40.65	Soil	12,900	0.98
08/20/2021	16:26:53	78776.80	394715.44	40.65	Soil	13,140	1.14
08/20/2021	16:26:54	78776.88	394715.70	40.66	Soil	11,760	0.18
08/20/2021	16:26:55	78777.02	394715.88	40.70	Soil	12,780	0.89
08/20/2021	16:26:56	78777.09	394716.09	40.64	Soil	14,520	2.11
08/20/2021	16:26:57	78777.38	394716.20	40.56	Soil	13,440	1.35
08/20/2021	16:26:58	78777.53	394716.34	40.54	Soil	12,720	0.85
08/20/2021	16:26:59	78777.81	394716.34	40.50	Soil	12,060	0.39
08/20/2021	16:27:00	78777.98	394716.49	40.50	Soil	11,520	0.01
08/20/2021	16:27:01	78777.91	394716.44	40.52	Soil	13,620	1.48
08/20/2021	16:27:02	78777.89	394716.32	40.56	Soil	12,180	0.47
08/20/2021	16:27:03	78777.73	394716.27	40.62	Soil	12,900	0.98
08/20/2021	16:27:04	78777.61	394716.08	40.66	Soil	12,120	0.43
08/20/2021	16:27:05	78777.22	394716.08	40.74	Soil	12,420	0.64
08/20/2021	16:27:06	78777.17	394715.96	40.70	Soil	12,720	0.85

SU 7D GWS RESULTS
(SOIL)

08/20/2021	16:27:07	78777.11	394715.82	40.67	Soil	13,020	1.06
08/20/2021	16:27:08	78776.94	394715.61	40.66	Soil	13,680	1.52
08/20/2021	16:27:09	78776.76	394715.40	40.65	Soil	14,100	1.82
08/20/2021	16:27:10	78776.66	394715.11	40.66	Soil	13,500	1.40
08/20/2021	16:27:11	78776.45	394714.90	40.68	Soil	12,180	0.47
08/20/2021	16:27:12	78776.36	394714.63	40.69	Soil	12,720	0.85
08/20/2021	16:27:13	78776.19	394714.43	40.71	Soil	11,640	0.09
08/20/2021	16:27:14	78776.10	394714.24	40.71	Soil	13,200	1.19
08/20/2021	16:27:15	78775.96	394714.03	40.73	Soil	12,780	0.89
08/20/2021	16:27:16	78775.85	394713.81	40.73	Soil	14,460	2.07
08/20/2021	16:27:17	78775.69	394713.63	40.74	Soil	14,100	1.82
08/20/2021	16:27:18	78775.57	394713.40	40.74	Soil	12,060	0.39
08/20/2021	16:27:19	78775.37	394713.16	40.77	Soil	13,380	1.31
08/20/2021	16:27:20	78775.25	394712.86	40.75	Soil	12,240	0.51
08/20/2021	16:27:21	78775.34	394712.48	40.75	Soil	14,340	1.99
08/20/2021	16:27:22	78775.44	394712.37	40.78	Soil	11,700	0.13
08/20/2021	16:27:23	78775.61	394712.58	40.78	Soil	13,860	1.65
08/20/2021	16:27:24	78775.77	394712.72	40.78	Soil	13,560	1.44
08/20/2021	16:27:25	78775.76	394712.94	40.76	Soil	12,240	0.51
08/20/2021	16:27:26	78775.94	394713.16	40.77	Soil	12,900	0.98
08/20/2021	16:27:27	78775.91	394713.34	40.77	Soil	13,200	1.19
08/20/2021	16:27:28	78776.02	394713.50	40.77	Soil	13,680	1.52
08/20/2021	16:27:29	78776.10	394713.66	40.75	Soil	13,740	1.56
08/20/2021	16:27:30	78776.19	394713.81	40.74	Soil	12,420	0.64
08/20/2021	16:27:31	78776.33	394713.95	40.75	Soil	14,100	1.82
08/20/2021	16:27:32	78776.37	394714.10	40.75	Soil	10,860	-0.46
08/20/2021	16:27:33	78776.53	394714.21	40.74	Soil	12,840	0.93
08/20/2021	16:27:34	78776.59	394714.41	40.72	Soil	12,960	1.02
08/20/2021	16:27:35	78776.72	394714.59	40.71	Soil	11,940	0.30
08/20/2021	16:27:36	78776.78	394714.78	40.70	Soil	14,400	2.03
08/20/2021	16:27:37	78776.85	394714.96	40.69	Soil	12,780	0.89
08/20/2021	16:27:38	78776.82	394715.15	40.68	Soil	12,180	0.47
08/20/2021	16:27:39	78776.89	394715.36	40.68	Soil	11,340	-0.12
08/20/2021	16:27:40	78776.87	394715.60	40.69	Soil	11,400	-0.08
08/20/2021	16:27:41	78777.00	394715.84	40.69	Soil	11,640	0.09
08/20/2021	16:27:42	78777.02	394716.09	40.61	Soil	11,100	-0.29
08/20/2021	16:27:43	78777.28	394716.23	40.59	Soil	11,820	0.22
08/20/2021	16:27:44	78777.54	394716.32	40.51	Soil	12,720	0.85
08/20/2021	16:27:45	78777.83	394716.47	40.53	Soil	12,060	0.39
08/20/2021	16:27:46	78777.88	394716.30	40.55	Soil	11,400	-0.08
08/20/2021	16:27:47	78778.03	394716.20	40.54	Soil	12,420	0.64
08/20/2021	16:27:48	78777.97	394716.29	40.54	Soil	12,360	0.60
08/20/2021	16:27:49	78777.87	394716.29	40.55	Soil	13,140	1.14
08/20/2021	16:27:50	78777.77	394716.11	40.62	Soil	9,780	-1.21
08/20/2021	16:27:51	78777.57	394715.97	40.77	Soil	11,700	0.13
08/20/2021	16:27:52	78777.34	394715.90	40.79	Soil	12,480	0.68
08/20/2021	16:27:53	78777.37	394715.73	40.73	Soil	12,300	0.55
08/20/2021	16:27:54	78777.23	394715.62	40.73	Soil	13,620	1.48
08/20/2021	16:27:55	78777.27	394715.44	40.65	Soil	12,960	1.02
08/20/2021	16:27:56	78777.10	394715.31	40.64	Soil	11,940	0.30
08/20/2021	16:27:57	78777.03	394715.12	40.63	Soil	12,240	0.51

SU 7D GWS RESULTS
(SOIL)

08/20/2021	16:27:58	78776.90	394714.93	40.62	Soil	12,600	0.76
08/20/2021	16:27:59	78777.05	394714.76	40.64	Soil	11,820	0.22
08/20/2021	16:28:00	78777.22	394714.60	40.66	Soil	12,420	0.64
08/20/2021	16:28:01	78777.38	394714.77	40.66	Soil	11,760	0.18
08/20/2021	16:28:02	78777.68	394714.83	40.67	Soil	12,960	1.02
08/20/2021	16:28:03	78777.84	394715.12	40.66	Soil	11,520	0.01
08/20/2021	16:28:04	78777.98	394715.41	40.58	Soil	12,360	0.60
08/20/2021	16:28:05	78778.21	394715.55	40.58	Soil	11,940	0.30
08/20/2021	16:28:06	78778.18	394715.80	40.48	Soil	12,000	0.34
08/20/2021	16:28:07	78778.29	394716.04	40.50	Soil	11,340	-0.12
08/20/2021	16:28:08	78778.17	394716.26	40.51	Soil	12,360	0.60
08/20/2021	16:28:09	78778.03	394716.47	40.50	Soil	14,040	1.78
08/20/2021	16:28:10	78778.13	394716.41	40.50	Soil	10,560	-0.67
08/20/2021	16:28:11	78778.15	394716.32	40.50	Soil	10,560	-0.67
08/20/2021	16:28:12	78778.02	394716.21	40.54	Soil	12,420	0.64
08/20/2021	16:28:13	78778.02	394716.04	40.57	Soil	12,900	0.98
08/20/2021	16:28:14	78777.96	394715.84	40.65	Soil	12,840	0.93
08/20/2021	16:28:15	78777.76	394715.70	40.71	Soil	13,380	1.31
08/20/2021	16:28:16	78777.44	394715.80	40.79	Soil	12,180	0.47
08/20/2021	16:28:17	78777.36	394715.77	40.77	Soil	12,420	0.64
08/20/2021	16:28:18	78777.31	394715.65	40.72	Soil	11,400	-0.08
08/20/2021	16:28:19	78777.17	394715.55	40.71	Soil	12,840	0.93
08/20/2021	16:28:20	78777.17	394715.25	40.67	Soil	12,300	0.55
08/20/2021	16:28:21	78777.04	394715.10	40.69	Soil	12,120	0.43
08/20/2021	16:28:22	78777.14	394714.89	40.68	Soil	13,260	1.23
08/20/2021	16:28:23	78777.09	394714.67	40.66	Soil	12,060	0.39
08/20/2021	16:28:24	78777.28	394714.62	40.67	Soil	12,720	0.85
08/20/2021	16:28:25	78777.45	394714.55	40.67	Soil	12,120	0.43
08/20/2021	16:28:26	78777.54	394714.61	40.68	Soil	10,380	-0.79
08/20/2021	16:28:27	78777.72	394714.65	40.69	Soil	12,540	0.72
08/20/2021	16:28:28	78777.79	394714.72	40.70	Soil	12,300	0.55
08/20/2021	16:28:29	78777.57	394715.02	40.72	Soil	12,600	0.76
08/20/2021	16:28:30	78777.46	394715.33	40.75	Soil	12,480	0.68
08/20/2021	16:28:31	78777.46	394715.46	40.73	Soil	13,620	1.48
08/20/2021	16:28:32	78777.74	394715.48	40.69	Soil	11,460	-0.04
08/20/2021	16:28:33	78777.80	394715.65	40.69	Soil	11,220	-0.20
08/20/2021	16:28:34	78777.81	394715.85	40.69	Soil	12,900	0.98
08/20/2021	16:28:35	78777.77	394715.80	40.70	Soil	13,020	1.06
08/20/2021	16:28:36	78777.61	394715.48	40.79	Soil	12,960	1.02
08/20/2021	16:28:37	78777.68	394715.30	40.77	Soil	12,420	0.64
08/20/2021	16:28:38	78777.36	394715.30	40.72	Soil	12,720	0.85
08/20/2021	16:28:39	78777.23	394715.17	40.70	Soil	12,120	0.43
08/20/2021	16:28:40	78776.91	394715.08	40.71	Soil	12,060	0.39
08/20/2021	16:28:41	78776.67	394714.91	40.71	Soil	12,540	0.72
08/20/2021	16:28:42	78776.47	394714.78	40.74	Soil	11,040	-0.33
08/20/2021	16:28:43	78776.35	394714.65	40.75	Soil	13,620	1.48
08/20/2021	16:28:44	78776.29	394714.40	40.77	Soil	12,600	0.76
08/20/2021	16:28:45	78776.15	394714.16	40.75	Soil	12,360	0.60
08/20/2021	16:28:46	78776.20	394713.84	40.79	Soil	12,480	0.68
08/20/2021	16:28:47	78776.05	394713.62	40.79	Soil	12,240	0.51
08/20/2021	16:28:48	78775.98	394713.34	40.81	Soil	12,720	0.85

SU 7D GWS RESULTS
(SOIL)

08/20/2021	16:28:49	78775.78	394713.10	40.82	Soil	13,320	1.27
08/20/2021	16:28:50	78775.71	394712.78	40.82	Soil	13,200	1.19
08/20/2021	16:28:51	78775.55	394712.49	40.82	Soil	14,700	2.24
08/20/2021	16:28:52	78775.62	394712.23	40.83	Soil	12,600	0.76
08/20/2021	16:28:53	78775.71	394712.25	40.83	Soil	12,300	0.55
08/20/2021	16:28:54	78775.78	394712.38	40.84	Soil	12,000	0.34
08/20/2021	16:28:55	78775.79	394712.54	40.84	Soil	12,960	1.02
08/20/2021	16:28:56	78775.97	394712.73	40.84	Soil	12,240	0.51
08/20/2021	16:28:57	78776.00	394712.94	40.84	Soil	12,600	0.76
08/20/2021	16:28:58	78776.13	394713.05	40.83	Soil	11,760	0.18
08/20/2021	16:28:59	78776.22	394713.21	40.82	Soil	11,580	0.05
08/20/2021	16:29:00	78776.29	394713.35	40.80	Soil	14,040	1.78
08/20/2021	16:29:01	78776.48	394713.48	40.76	Soil	13,320	1.27
08/20/2021	16:29:02	78776.62	394713.68	40.76	Soil	13,080	1.10
08/20/2021	16:29:03	78776.83	394713.80	40.76	Soil	12,180	0.47
08/20/2021	16:29:04	78776.87	394714.02	40.77	Soil	11,940	0.30
08/20/2021	16:29:05	78776.94	394714.13	40.75	Soil	12,960	1.02
08/20/2021	16:29:06	78776.66	394714.18	40.76	Soil	13,260	1.23
08/20/2021	16:29:07	78776.58	394713.92	40.77	Soil	13,920	1.69
08/20/2021	16:29:08	78776.37	394713.92	40.76	Soil	13,200	1.19
08/20/2021	16:29:09	78776.34	394713.79	40.77	Soil	11,880	0.26
08/20/2021	16:29:10	78776.28	394713.63	40.79	Soil	13,080	1.10
08/20/2021	16:29:11	78776.19	394713.55	40.79	Soil	13,260	1.23
08/20/2021	16:29:12	78776.27	394713.45	40.78	Soil	12,180	0.47
08/20/2021	16:29:13	78776.27	394713.63	40.76	Soil	13,200	1.19
08/20/2021	16:29:14	78776.50	394713.71	40.76	Soil	13,620	1.48
08/20/2021	16:29:15	78776.62	394713.87	40.77	Soil	12,300	0.55
08/20/2021	16:29:16	78776.75	394714.04	40.77	Soil	12,060	0.39
08/20/2021	16:29:17	78776.92	394714.19	40.76	Soil	12,840	0.93
08/20/2021	16:29:18	78777.08	394714.39	40.76	Soil	11,940	0.30
08/20/2021	16:29:19	78777.16	394714.56	40.77	Soil	10,560	-0.67
08/20/2021	16:29:20	78777.22	394714.75	40.79	Soil	13,080	1.10
08/20/2021	16:29:21	78777.47	394714.81	40.78	Soil	12,960	1.02
08/20/2021	16:29:22	78777.60	394714.96	40.84	Soil	12,000	0.34
08/20/2021	16:29:23	78777.74	394715.19	40.85	Soil	11,700	0.13
08/20/2021	16:29:24	78777.86	394715.29	40.80	Soil	12,720	0.85
08/20/2021	16:29:25	78777.95	394715.47	40.69	Soil	12,420	0.64
08/20/2021	16:29:26	78778.21	394715.56	40.58	Soil	12,060	0.39
08/20/2021	16:29:27	78778.22	394715.85	40.56	Soil	12,000	0.34
08/20/2021	16:29:28	78778.36	394715.80	40.56	Soil	12,480	0.68
08/20/2021	16:29:29	78778.47	394715.93	40.58	Soil	12,840	0.93
08/20/2021	16:29:30	78778.23	394715.86	40.63	Soil	14,520	2.11
08/20/2021	16:29:31	78778.24	394715.56	40.71	Soil	12,360	0.60
08/20/2021	16:29:32	78778.18	394715.30	40.78	Soil	12,060	0.39
08/20/2021	16:29:33	78777.95	394715.16	40.77	Soil	11,040	-0.33
08/20/2021	16:29:34	78777.86	394714.97	40.74	Soil	12,180	0.47
08/20/2021	16:29:35	78777.63	394714.88	40.73	Soil	12,120	0.43
08/20/2021	16:29:36	78777.54	394714.72	40.73	Soil	12,480	0.68
08/20/2021	16:29:37	78777.42	394714.52	40.74	Soil	11,160	-0.25
08/20/2021	16:29:38	78777.32	394714.30	40.74	Soil	10,500	-0.71
08/20/2021	16:29:39	78777.25	394714.06	40.76	Soil	14,160	1.86

SU 7D GWS RESULTS
(SOIL)

08/20/2021	16:29:40	78777.10	394713.85	40.72	Soil	12,360	0.60
08/20/2021	16:29:41	78776.94	394713.66	40.73	Soil	12,300	0.55
08/20/2021	16:29:42	78776.81	394713.48	40.74	Soil	13,020	1.06
08/20/2021	16:29:43	78776.67	394713.25	40.77	Soil	11,400	-0.08
08/20/2021	16:29:44	78776.45	394713.07	40.77	Soil	12,240	0.51
08/20/2021	16:29:45	78776.27	394712.86	40.77	Soil	13,800	1.61
08/20/2021	16:29:46	78776.11	394712.65	40.77	Soil	12,240	0.51
08/20/2021	16:29:47	78775.99	394712.39	40.76	Soil	11,340	-0.12
08/20/2021	16:29:48	78775.92	394712.07	40.75	Soil	13,080	1.10
08/20/2021	16:29:49	78776.09	394711.70	40.79	Soil	12,360	0.60
08/20/2021	16:29:50	78776.10	394711.75	40.78	Soil	14,760	2.28
08/20/2021	16:29:51	78776.15	394711.87	40.78	Soil	12,600	0.76
08/20/2021	16:29:52	78776.26	394712.02	40.77	Soil	13,440	1.35
08/20/2021	16:29:53	78776.35	394712.24	40.78	Soil	12,900	0.98
08/20/2021	16:29:54	78776.55	394712.44	40.79	Soil	12,900	0.98
08/20/2021	16:29:55	78776.58	394712.64	40.78	Soil	11,220	-0.20
08/20/2021	16:29:56	78776.76	394712.81	40.77	Soil	12,900	0.98
08/20/2021	16:29:57	78776.74	394713.04	40.76	Soil	14,880	2.36
08/20/2021	16:29:58	78776.80	394713.19	40.78	Soil	12,600	0.76
08/20/2021	16:29:59	78776.70	394713.19	40.78	Soil	13,620	1.48
08/20/2021	16:30:00	78776.65	394713.07	40.78	Soil	14,700	2.24
08/20/2021	16:30:01	78776.60	394712.86	40.79	Soil	12,480	0.68
08/20/2021	16:30:02	78776.31	394712.81	40.79	Soil	13,080	1.10
08/20/2021	16:30:03	78776.20	394712.66	40.80	Soil	12,600	0.76
08/20/2021	16:30:04	78776.06	394712.55	40.79	Soil	12,120	0.43
08/20/2021	16:30:05	78776.09	394712.42	40.78	Soil	12,060	0.39
08/20/2021	16:30:06	78776.20	394712.39	40.77	Soil	12,600	0.76
08/20/2021	16:30:07	78776.23	394712.69	40.75	Soil	12,600	0.76
08/20/2021	16:30:08	78776.47	394712.88	40.74	Soil	12,420	0.64
08/20/2021	16:30:09	78776.47	394713.17	40.73	Soil	14,040	1.78
08/20/2021	16:30:10	78776.72	394713.35	40.69	Soil	13,320	1.27
08/20/2021	16:30:11	78776.80	394713.61	40.70	Soil	13,860	1.65
08/20/2021	16:30:12	78777.11	394713.73	40.70	Soil	12,660	0.81
08/20/2021	16:30:13	78777.20	394713.94	40.71	Soil	12,360	0.60
08/20/2021	16:30:14	78777.43	394714.16	40.70	Soil	13,200	1.19
08/20/2021	16:30:15	78777.48	394714.38	40.68	Soil	11,760	0.18
08/20/2021	16:30:16	78777.69	394714.48	40.67	Soil	11,640	0.09
08/20/2021	16:30:17	78777.78	394714.68	40.66	Soil	13,860	1.65
08/20/2021	16:30:18	78777.96	394714.85	40.71	Soil	13,080	1.10
08/20/2021	16:30:19	78778.04	394715.11	40.64	Soil	12,720	0.85
08/20/2021	16:30:20	78778.20	394715.22	40.49	Soil	11,580	0.05
08/20/2021	16:30:21	78778.36	394715.43	40.50	Soil	11,820	0.22
08/20/2021	16:30:22	78778.46	394715.53	40.53	Soil	11,400	-0.08
08/20/2021	16:30:23	78778.70	394715.45	40.48	Soil	12,480	0.68
08/20/2021	16:30:24	78778.91	394715.52	40.46	Soil	14,220	1.90
08/20/2021	16:30:25	78778.81	394715.54	40.51	Soil	11,760	0.18
08/20/2021	16:30:26	78778.79	394715.35	40.58	Soil	12,600	0.76
08/20/2021	16:30:27	78778.58	394715.27	40.65	Soil	13,200	1.19
08/20/2021	16:30:28	78778.50	394715.04	40.72	Soil	13,680	1.52
08/20/2021	16:30:29	78778.27	394714.91	40.72	Soil	12,180	0.47
08/20/2021	16:30:30	78778.14	394714.67	40.69	Soil	11,460	-0.04

SU 7D GWS RESULTS
(SOIL)

08/20/2021	16:30:31	78777.92	394714.52	40.69	Soil	12,060	0.39
08/20/2021	16:30:32	78777.78	394714.30	40.71	Soil	13,440	1.35
08/20/2021	16:30:33	78777.62	394714.09	40.70	Soil	13,440	1.35
08/20/2021	16:30:34	78777.43	394713.88	40.70	Soil	11,640	0.09
08/20/2021	16:30:35	78777.34	394713.65	40.71	Soil	12,360	0.60
08/20/2021	16:30:36	78777.14	394713.42	40.68	Soil	11,940	0.30
08/20/2021	16:30:37	78777.04	394713.15	40.69	Soil	13,980	1.73
08/20/2021	16:30:38	78776.75	394712.95	40.70	Soil	12,780	0.89
08/20/2021	16:30:39	78776.62	394712.65	40.72	Soil	11,820	0.22
08/20/2021	16:30:40	78776.32	394712.41	40.73	Soil	13,980	1.73
08/20/2021	16:30:41	78776.24	394712.08	40.73	Soil	9,960	-1.09
08/20/2021	16:30:42	78776.07	394711.76	40.72	Soil	13,560	1.44
08/20/2021	16:30:43	78776.34	394711.68	40.73	Soil	13,980	1.73
08/20/2021	16:30:44	78776.58	394711.59	40.73	Soil	12,300	0.55
08/20/2021	16:30:45	78776.57	394711.77	40.73	Soil	12,300	0.55
08/20/2021	16:30:46	78776.77	394711.97	40.72	Soil	12,600	0.76
08/20/2021	16:30:47	78776.82	394712.25	40.71	Soil	12,240	0.51
08/20/2021	16:30:48	78776.89	394712.45	40.71	Soil	13,740	1.56
08/20/2021	16:30:49	78776.90	394712.64	40.72	Soil	12,660	0.81
08/20/2021	16:30:50	78777.04	394712.84	40.71	Soil	11,640	0.09
08/20/2021	16:30:51	78777.10	394713.06	40.72	Soil	11,820	0.22
08/20/2021	16:30:52	78777.35	394713.20	40.71	Soil	11,640	0.09
08/20/2021	16:30:53	78777.35	394713.43	40.70	Soil	14,460	2.07
08/20/2021	16:30:54	78777.60	394713.59	40.69	Soil	14,220	1.90
08/20/2021	16:30:55	78777.65	394713.81	40.69	Soil	13,380	1.31
08/20/2021	16:30:56	78777.90	394713.98	40.69	Soil	11,520	0.01
08/20/2021	16:30:57	78777.99	394714.27	40.69	Soil	12,840	0.93
08/20/2021	16:30:58	78778.18	394714.51	40.73	Soil	12,600	0.76
08/20/2021	16:30:59	78778.24	394714.83	40.64	Soil	15,480	2.79
08/20/2021	16:31:00	78778.55	394714.94	40.58	Soil	12,540	0.72
08/20/2021	16:31:01	78778.61	394715.21	40.49	Soil	11,640	0.09
08/20/2021	16:31:02	78778.83	394715.34	40.49	Soil	13,920	1.69
08/20/2021	16:31:03	78778.98	394715.22	40.50	Soil	15,840	3.04
08/20/2021	16:31:04	78779.26	394715.12	40.51	Soil	13,200	1.19
08/20/2021	16:31:05	78779.11	394715.01	40.56	Soil	12,120	0.43
08/20/2021	16:31:06	78779.02	394714.83	40.62	Soil	10,800	-0.50
08/20/2021	16:31:07	78778.73	394714.68	40.82	Soil	11,940	0.30
08/20/2021	16:31:08	78778.54	394714.49	40.74	Soil	11,700	0.13
08/20/2021	16:31:09	78778.45	394714.23	40.75	Soil	12,840	0.93
08/20/2021	16:31:10	78778.36	394714.19	40.75	Soil	12,120	0.43
08/20/2021	16:31:11	78778.38	394714.09	40.74	Soil	14,220	1.90
08/20/2021	16:31:12	78778.15	394714.17	40.74	Soil	12,720	0.85
08/20/2021	16:31:13	78778.17	394714.03	40.74	Soil	12,960	1.02
08/20/2021	16:31:14	78778.01	394713.90	40.75	Soil	12,120	0.43
08/20/2021	16:31:15	78778.06	394713.72	40.76	Soil	12,480	0.68
08/20/2021	16:31:16	78778.02	394713.59	40.76	Soil	13,860	1.65
08/20/2021	16:31:17	78777.84	394713.46	40.76	Soil	13,080	1.10
08/20/2021	16:31:18	78777.79	394713.16	40.76	Soil	12,360	0.60
08/20/2021	16:31:19	78777.55	394712.95	40.76	Soil	13,920	1.69
08/20/2021	16:31:20	78777.45	394712.74	40.76	Soil	14,040	1.78
08/20/2021	16:31:21	78777.26	394712.60	40.76	Soil	15,000	2.45

SU 7D GWS RESULTS
(SOIL)

08/20/2021	16:31:22	78777.15	394712.38	40.78	Soil	12,420	0.64
08/20/2021	16:31:23	78776.90	394712.26	40.77	Soil	11,580	0.05
08/20/2021	16:31:24	78776.82	394712.01	40.80	Soil	11,760	0.18
08/20/2021	16:31:25	78776.53	394711.88	40.81	Soil	11,460	-0.04
08/20/2021	16:31:26	78776.37	394711.57	40.84	Soil	13,140	1.14
08/20/2021	16:31:27	78776.20	394711.44	40.85	Soil	14,400	2.03
08/20/2021	16:31:28	78776.33	394711.25	40.85	Soil	13,200	1.19
08/20/2021	16:31:29	78776.24	394711.45	40.83	Soil	14,940	2.41
08/20/2021	16:31:30	78776.41	394711.52	40.81	Soil	13,860	1.65
08/20/2021	16:31:31	78776.45	394711.76	40.80	Soil	13,140	1.14
08/20/2021	16:31:32	78776.58	394711.95	40.80	Soil	13,020	1.06
08/20/2021	16:31:33	78776.63	394712.21	40.80	Soil	12,600	0.76
08/20/2021	16:31:34	78776.72	394712.40	40.79	Soil	11,220	-0.20
08/20/2021	16:31:35	78776.85	394712.61	40.79	Soil	13,800	1.61
08/20/2021	16:31:36	78776.96	394712.79	40.79	Soil	11,520	0.01
08/20/2021	16:31:37	78777.18	394712.92	40.79	Soil	12,900	0.98
08/20/2021	16:31:38	78777.26	394713.11	40.81	Soil	12,960	1.02
08/20/2021	16:31:39	78777.52	394713.18	40.81	Soil	12,360	0.60
08/20/2021	16:31:40	78777.58	394713.43	40.81	Soil	13,380	1.31
08/20/2021	16:31:41	78777.87	394713.49	40.80	Soil	12,960	1.02
08/20/2021	16:31:42	78777.92	394713.75	40.80	Soil	12,240	0.51
08/20/2021	16:31:43	78778.11	394713.95	40.79	Soil	13,020	1.06
08/20/2021	16:31:44	78778.09	394714.24	40.80	Soil	15,480	2.79
08/20/2021	16:31:45	78778.28	394714.51	40.82	Soil	11,280	-0.16
08/20/2021	16:31:46	78778.29	394714.88	40.71	Soil	13,740	1.56
08/20/2021	16:31:47	78778.61	394715.04	40.66	Soil	12,540	0.72
08/20/2021	16:31:48	78778.94	394715.02	40.59	Soil	12,420	0.64
08/20/2021	16:31:49	78779.24	394715.09	40.61	Soil	13,320	1.27
08/20/2021	16:31:50	78779.10	394715.00	40.68	Soil	13,500	1.40
08/20/2021	16:31:51	78779.09	394714.79	40.85	Soil	13,920	1.69
08/20/2021	16:31:52	78778.71	394714.70	40.89	Soil	11,160	-0.25
08/20/2021	16:31:53	78778.73	394714.46	40.84	Soil	12,300	0.55
08/20/2021	16:31:54	78778.43	394714.34	40.83	Soil	12,360	0.60
08/20/2021	16:31:55	78778.44	394714.15	40.81	Soil	11,520	0.01
08/20/2021	16:31:56	78778.25	394714.06	40.82	Soil	13,380	1.31
08/20/2021	16:31:57	78778.30	394713.83	40.81	Soil	11,160	-0.25
08/20/2021	16:31:58	78778.10	394713.63	40.78	Soil	11,340	-0.12
08/20/2021	16:31:59	78778.15	394713.38	40.79	Soil	13,380	1.31
08/20/2021	16:32:00	78777.92	394713.22	40.79	Soil	10,980	-0.37
08/20/2021	16:32:01	78777.91	394713.01	40.80	Soil	12,120	0.43
08/20/2021	16:32:02	78777.76	394712.94	40.81	Soil	11,220	-0.20
08/20/2021	16:32:03	78777.70	394712.82	40.81	Soil	10,620	-0.62
08/20/2021	16:32:04	78777.61	394712.72	40.80	Soil	11,700	0.13
08/20/2021	16:32:05	78777.45	394712.62	40.80	Soil	12,240	0.51
08/20/2021	16:32:06	78777.40	394712.45	40.81	Soil	12,960	1.02
08/20/2021	16:32:07	78777.21	394712.31	40.82	Soil	13,080	1.10
08/20/2021	16:32:08	78777.18	394712.08	40.82	Soil	14,400	2.03
08/20/2021	16:32:09	78776.93	394711.94	40.83	Soil	11,700	0.13
08/20/2021	16:32:10	78776.90	394711.65	40.83	Soil	13,260	1.23
08/20/2021	16:32:11	78776.67	394711.44	40.82	Soil	14,400	2.03
08/20/2021	16:32:12	78776.78	394711.10	40.86	Soil	10,860	-0.46

SU 7D GWS RESULTS
(SOIL)

08/20/2021	16:32:13	78776.81	394710.76	40.87	Soil	12,840	0.93
08/20/2021	16:32:14	78776.95	394710.83	40.87	Soil	13,860	1.65
08/20/2021	16:32:15	78777.04	394710.92	40.86	Soil	15,540	2.83
08/20/2021	16:32:16	78777.08	394711.11	40.88	Soil	13,080	1.10
08/20/2021	16:32:17	78777.24	394711.25	40.87	Soil	13,920	1.69
08/20/2021	16:32:18	78777.23	394711.47	40.86	Soil	13,740	1.56
08/20/2021	16:32:19	78777.45	394711.66	40.88	Soil	13,140	1.14
08/20/2021	16:32:20	78777.38	394711.91	40.89	Soil	13,560	1.44
08/20/2021	16:32:21	78777.56	394712.08	40.90	Soil	11,700	0.13
08/20/2021	16:32:22	78777.73	394712.26	40.88	Soil	12,360	0.60
08/20/2021	16:32:23	78777.86	394712.44	40.87	Soil	12,060	0.39
08/20/2021	16:32:24	78778.03	394712.62	40.85	Soil	12,960	1.02
08/20/2021	16:32:25	78778.19	394712.84	40.85	Soil	12,360	0.60
08/20/2021	16:32:26	78778.40	394713.07	40.83	Soil	14,100	1.82
08/20/2021	16:32:27	78778.51	394713.32	40.84	Soil	12,360	0.60
08/20/2021	16:32:28	78778.68	394713.58	40.83	Soil	13,860	1.65
08/20/2021	16:32:29	78778.81	394713.79	40.81	Soil	12,360	0.60
08/20/2021	16:32:30	78778.90	394713.92	40.83	Soil	11,580	0.05
08/20/2021	16:32:31	78778.72	394714.08	40.84	Soil	11,040	-0.33
08/20/2021	16:32:32	78778.62	394714.07	40.82	Soil	11,520	0.01
08/20/2021	16:32:33	78778.46	394713.92	40.80	Soil	12,240	0.51
08/20/2021	16:32:34	78778.37	394713.76	40.79	Soil	10,560	-0.67
08/20/2021	16:32:35	78778.27	394713.55	40.80	Soil	13,260	1.23
08/20/2021	16:32:36	78778.09	394713.42	40.78	Soil	13,740	1.56
08/20/2021	16:32:37	78778.04	394713.17	40.80	Soil	12,600	0.76
08/20/2021	16:32:38	78777.81	394713.02	40.79	Soil	11,880	0.26
08/20/2021	16:32:39	78777.86	394712.75	40.80	Soil	13,800	1.61
08/20/2021	16:32:40	78777.60	394712.63	40.81	Soil	11,820	0.22
08/20/2021	16:32:41	78777.59	394712.38	40.79	Soil	13,680	1.52
08/20/2021	16:32:42	78777.29	394712.30	40.81	Soil	12,900	0.98
08/20/2021	16:32:43	78777.26	394712.03	40.81	Soil	11,160	-0.25
08/20/2021	16:32:44	78777.03	394711.89	40.82	Soil	12,840	0.93
08/20/2021	16:32:45	78777.02	394711.66	40.82	Soil	12,840	0.93
08/20/2021	16:32:46	78776.75	394711.54	40.82	Soil	12,000	0.34
08/20/2021	16:32:47	78776.72	394711.21	40.84	Soil	14,580	2.15
08/20/2021	16:32:48	78776.38	394710.96	40.83	Soil	12,480	0.68
08/20/2021	16:32:49	78776.53	394710.59	40.82	Soil	12,240	0.51
08/20/2021	16:32:50	78776.68	394710.39	40.82	Soil	13,500	1.40
08/20/2021	16:32:51	78776.89	394710.51	40.82	Soil	11,040	-0.33
08/20/2021	16:32:52	78776.99	394710.71	40.81	Soil	13,740	1.56
08/20/2021	16:32:53	78777.23	394710.88	40.81	Soil	12,720	0.85
08/20/2021	16:32:54	78777.25	394711.11	40.81	Soil	12,900	0.98
08/20/2021	16:32:55	78777.44	394711.29	40.82	Soil	14,520	2.11
08/20/2021	16:32:56	78777.50	394711.52	40.80	Soil	12,900	0.98
08/20/2021	16:32:57	78777.73	394711.69	40.80	Soil	14,100	1.82
08/20/2021	16:32:58	78777.71	394711.86	40.83	Soil	11,940	0.30
08/20/2021	16:32:59	78777.74	394712.08	40.84	Soil	13,140	1.14
08/20/2021	16:33:00	78777.89	394712.23	40.85	Soil	12,300	0.55
08/20/2021	16:33:01	78777.93	394712.42	40.84	Soil	10,980	-0.37
08/20/2021	16:33:02	78778.08	394712.66	40.82	Soil	12,300	0.55
08/20/2021	16:33:03	78778.23	394712.80	40.81	Soil	10,800	-0.50

SU 7D GWS RESULTS
(SOIL)

08/20/2021	16:33:04	78778.37	394712.97	40.79	Soil	14,160	1.86
08/20/2021	16:33:05	78778.51	394713.14	40.78	Soil	13,680	1.52
08/20/2021	16:33:06	78778.68	394713.31	40.75	Soil	13,740	1.56
08/20/2021	16:33:07	78778.88	394713.49	40.75	Soil	12,300	0.55
08/20/2021	16:33:08	78779.00	394713.66	40.76	Soil	14,160	1.86
08/20/2021	16:33:09	78779.03	394713.93	40.80	Soil	11,700	0.13
08/20/2021	16:33:10	78779.20	394714.14	40.73	Soil	12,480	0.68
08/20/2021	16:33:11	78779.13	394714.46	40.64	Soil	13,020	1.06
08/20/2021	16:33:12	78779.41	394714.61	40.57	Soil	13,860	1.65
08/20/2021	16:33:13	78779.50	394714.78	40.60	Soil	12,960	1.02
08/20/2021	16:33:14	78779.62	394714.69	40.60	Soil	12,780	0.89
08/20/2021	16:33:15	78779.76	394714.67	40.62	Soil	12,720	0.85
08/20/2021	16:33:16	78779.52	394714.63	40.65	Soil	12,120	0.43
08/20/2021	16:33:17	78779.53	394714.46	40.61	Soil	11,280	-0.16
08/20/2021	16:33:18	78779.60	394714.53	40.62	Soil	10,440	-0.75
08/20/2021	16:33:19	78779.65	394714.44	40.60	Soil	13,800	1.61
08/20/2021	16:33:20	78779.56	394714.35	40.70	Soil	12,120	0.43
08/20/2021	16:33:21	78779.34	394714.10	40.70	Soil	14,220	1.90
08/20/2021	16:33:22	78779.39	394713.92	40.67	Soil	11,880	0.26
08/20/2021	16:33:23	78779.02	394713.84	40.63	Soil	14,400	2.03
08/20/2021	16:33:24	78778.97	394713.65	40.63	Soil	17,160	3.96
08/20/2021	16:33:25	78778.60	394713.60	40.63	Soil	11,640	0.09
08/20/2021	16:33:26	78778.56	394713.39	40.63	Soil	11,160	-0.25
08/20/2021	16:33:27	78778.34	394713.30	40.61	Soil	12,840	0.93
08/20/2021	16:33:28	78778.37	394713.11	40.60	Soil	12,300	0.55
08/20/2021	16:33:29	78778.15	394712.93	40.60	Soil	11,460	-0.04
08/20/2021	16:33:30	78778.13	394712.70	40.60	Soil	13,500	1.40
08/20/2021	16:33:31	78777.95	394712.50	40.60	Soil	11,280	-0.16
08/20/2021	16:33:32	78777.88	394712.25	40.58	Soil	12,540	0.72
08/20/2021	16:33:33	78777.81	394712.09	40.58	Soil	13,920	1.69
08/20/2021	16:33:34	78777.75	394711.89	40.57	Soil	14,280	1.94
08/20/2021	16:33:35	78777.70	394711.81	40.59	Soil	12,960	1.02
08/20/2021	16:33:36	78777.36	394711.80	40.59	Soil	12,900	0.98
08/20/2021	16:33:37	78777.29	394711.55	40.61	Soil	13,440	1.35
08/20/2021	16:33:38	78777.01	394711.43	40.60	Soil	10,200	-0.92
08/20/2021	16:33:39	78776.96	394711.03	40.59	Soil	11,940	0.30
08/20/2021	16:33:40	78776.81	394710.72	40.59	Soil	12,720	0.85
08/20/2021	16:33:41	78777.11	394710.59	40.62	Soil	11,820	0.22
08/20/2021	16:33:42	78777.39	394710.36	40.63	Soil	13,560	1.44
08/20/2021	16:33:43	78777.40	394710.47	40.62	Soil	12,900	0.98
08/20/2021	16:33:44	78777.54	394710.65	40.62	Soil	11,100	-0.29
08/20/2021	16:33:45	78777.71	394710.79	40.61	Soil	11,760	0.18
08/20/2021	16:33:46	78777.66	394711.01	40.60	Soil	12,060	0.39
08/20/2021	16:33:47	78777.82	394711.19	40.60	Soil	13,260	1.23
08/20/2021	16:33:48	78777.79	394711.41	40.60	Soil	12,120	0.43
08/20/2021	16:33:49	78778.06	394711.52	40.59	Soil	13,020	1.06
08/20/2021	16:33:50	78778.04	394711.72	40.59	Soil	12,660	0.81
08/20/2021	16:33:51	78778.35	394711.81	40.59	Soil	13,800	1.61
08/20/2021	16:33:52	78778.35	394711.97	40.59	Soil	12,540	0.72
08/20/2021	16:33:53	78778.53	394712.11	40.60	Soil	11,820	0.22
08/20/2021	16:33:54	78778.55	394712.28	40.58	Soil	11,580	0.05

SU 7D GWS RESULTS
(SOIL)

08/20/2021	16:33:55	78778.71	394712.45	40.59	Soil	13,440	1.35
08/20/2021	16:33:56	78778.66	394712.59	40.58	Soil	13,860	1.65
08/20/2021	16:33:57	78778.64	394712.74	40.58	Soil	10,440	-0.75
08/20/2021	16:33:58	78778.70	394712.93	40.58	Soil	11,460	-0.04
08/20/2021	16:33:59	78778.75	394713.13	40.59	Soil	13,440	1.35
08/20/2021	16:34:00	78778.85	394713.36	40.59	Soil	14,160	1.86
08/20/2021	16:34:01	78779.04	394713.53	40.60	Soil	11,700	0.13
08/20/2021	16:34:02	78779.06	394713.74	40.61	Soil	11,940	0.30
08/20/2021	16:34:03	78779.16	394713.97	40.60	Soil	12,900	0.98
08/20/2021	16:34:04	78779.40	394714.29	40.64	Soil	12,360	0.60
08/20/2021	16:34:05	78779.07	394714.01	40.63	Soil	12,600	0.76
08/20/2021	16:34:06	78778.71	394714.01	40.63	Soil	14,400	2.03
08/20/2021	16:34:07	78778.76	394713.83	40.61	Soil	16,260	3.33
08/20/2021	16:34:08	78778.57	394713.72	40.61	Soil	13,080	1.10
08/20/2021	16:34:09	78778.48	394713.59	40.61	Soil	11,760	0.18
08/20/2021	16:34:10	78778.53	394713.34	40.62	Soil	11,880	0.26
08/20/2021	16:34:11	78778.29	394713.19	40.61	Soil	11,580	0.05
08/20/2021	16:34:12	78778.32	394712.96	40.62	Soil	14,160	1.86
08/20/2021	16:34:13	78778.02	394712.80	40.65	Soil	13,380	1.31
08/20/2021	16:34:14	78778.03	394712.53	40.66	Soil	13,740	1.56
08/20/2021	16:34:15	78777.82	394712.39	40.65	Soil	12,420	0.64
08/20/2021	16:34:16	78777.91	394712.12	40.64	Soil	11,700	0.13
08/20/2021	16:34:17	78777.83	394712.05	40.65	Soil	13,920	1.69
08/20/2021	16:34:18	78777.95	394711.94	40.64	Soil	13,800	1.61
08/20/2021	16:34:19	78778.07	394712.00	40.66	Soil	13,680	1.52
08/20/2021	16:34:20	78778.08	394712.22	40.65	Soil	12,780	0.89
08/20/2021	16:34:21	78778.29	394712.12	40.66	Soil	11,940	0.30
08/20/2021	16:34:22	78778.30	394712.16	40.67	Soil	11,280	-0.16
08/20/2021	16:34:23	78778.16	394712.46	40.68	Soil	12,960	1.02
08/20/2021	16:34:24	78778.32	394712.42	40.66	Soil	11,280	-0.16
08/20/2021	16:34:25	78778.44	394712.38	40.66	Soil	12,600	0.76
08/20/2021	16:34:26	78778.20	394712.28	40.66	Soil	13,500	1.40
08/20/2021	16:34:27	78778.04	394712.05	40.65	Soil	12,360	0.60
08/20/2021	16:34:28	78777.79	394711.83	40.66	Soil	12,540	0.72
08/20/2021	16:34:29	78777.73	394711.52	40.68	Soil	11,340	-0.12
08/20/2021	16:34:30	78777.39	394711.40	40.69	Soil	14,460	2.07
08/20/2021	16:34:31	78777.25	394711.14	40.69	Soil	15,300	2.66
08/20/2021	16:34:32	78776.92	394710.87	40.68	Soil	12,180	0.47
08/20/2021	16:34:33	78777.06	394710.62	40.69	Soil	13,260	1.23
08/20/2021	16:34:34	78777.12	394710.15	40.71	Soil	12,120	0.43
08/20/2021	16:34:35	78777.29	394710.26	40.72	Soil	14,400	2.03
08/20/2021	16:34:36	78777.55	394710.25	40.73	Soil	13,320	1.27
08/20/2021	16:34:37	78777.55	394710.47	40.72	Soil	12,300	0.55
08/20/2021	16:34:38	78777.77	394710.60	40.72	Soil	12,540	0.72
08/20/2021	16:34:39	78777.72	394710.79	40.76	Soil	14,880	2.36
08/20/2021	16:34:40	78778.03	394710.86	40.76	Soil	11,520	0.01
08/20/2021	16:34:41	78777.97	394711.07	40.76	Soil	14,280	1.94
08/20/2021	16:34:42	78778.20	394711.19	40.75	Soil	13,140	1.14
08/20/2021	16:34:43	78778.13	394711.34	40.76	Soil	13,980	1.73
08/20/2021	16:34:44	78778.25	394711.55	40.77	Soil	13,260	1.23
08/20/2021	16:34:45	78778.23	394711.73	40.78	Soil	12,660	0.81

SU 7D GWS RESULTS
(SOIL)

08/20/2021	16:34:46	78778.28	394711.86	40.80	Soil	11,160	-0.25
08/20/2021	16:34:47	78778.51	394712.04	40.80	Soil	12,120	0.43
08/20/2021	16:34:48	78778.51	394712.24	40.80	Soil	12,540	0.72
08/20/2021	16:34:49	78778.63	394712.40	40.80	Soil	11,760	0.18
08/20/2021	16:34:50	78778.62	394712.55	40.80	Soil	12,660	0.81
08/20/2021	16:34:51	78778.78	394712.70	40.78	Soil	14,220	1.90
08/20/2021	16:34:52	78778.75	394712.90	40.78	Soil	11,820	0.22
08/20/2021	16:34:53	78778.92	394713.12	40.77	Soil	12,180	0.47
08/20/2021	16:34:54	78778.94	394713.37	40.77	Soil	13,680	1.52
08/20/2021	16:34:55	78779.14	394713.56	40.79	Soil	10,800	-0.50
08/20/2021	16:34:56	78779.28	394713.92	40.73	Soil	10,740	-0.54
08/20/2021	16:34:57	78779.48	394714.08	40.70	Soil	11,940	0.30
08/20/2021	16:34:58	78779.68	394714.28	40.78	Soil	14,640	2.20
08/20/2021	16:34:59	78779.58	394714.00	40.81	Soil	13,440	1.35
08/20/2021	16:35:00	78779.69	394713.80	40.78	Soil	11,280	-0.16
08/20/2021	16:35:01	78779.34	394713.69	40.78	Soil	12,660	0.81
08/20/2021	16:35:02	78779.38	394713.57	40.76	Soil	10,980	-0.37
08/20/2021	16:35:03	78779.31	394713.40	40.76	Soil	11,940	0.30
08/20/2021	16:35:04	78779.21	394713.19	40.76	Soil	11,280	-0.16
08/20/2021	16:35:05	78779.09	394713.03	40.76	Soil	11,880	0.26
08/20/2021	16:35:06	78778.94	394712.88	40.76	Soil	10,980	-0.37
08/20/2021	16:35:07	78778.86	394712.66	40.78	Soil	12,480	0.68
08/20/2021	16:35:08	78778.63	394712.53	40.79	Soil	12,720	0.85
08/20/2021	16:35:09	78778.62	394712.25	40.81	Soil	13,560	1.44
08/20/2021	16:35:10	78778.38	394712.10	40.81	Soil	12,480	0.68
08/20/2021	16:35:11	78778.40	394711.82	40.81	Soil	12,840	0.93
08/20/2021	16:35:12	78778.14	394711.70	40.82	Soil	11,940	0.30
08/20/2021	16:35:13	78778.11	394711.44	40.82	Soil	14,040	1.78
08/20/2021	16:35:14	78777.82	394711.26	40.84	Soil	12,060	0.39
08/20/2021	16:35:15	78777.82	394710.95	40.85	Soil	12,780	0.89
08/20/2021	16:35:16	78777.48	394710.79	40.85	Soil	13,380	1.31
08/20/2021	16:35:17	78777.48	394710.51	40.87	Soil	13,080	1.10
08/20/2021	16:35:18	78777.26	394710.11	40.85	Soil	12,000	0.34
08/20/2021	16:35:19	78777.51	394710.04	40.87	Soil	13,560	1.44
08/20/2021	16:35:20	78777.81	394709.88	40.87	Soil	12,840	0.93
08/20/2021	16:35:21	78777.80	394710.03	40.87	Soil	11,880	0.26
08/20/2021	16:35:22	78777.94	394710.22	40.86	Soil	13,020	1.06
08/20/2021	16:35:23	78778.01	394710.40	40.85	Soil	13,500	1.40
08/20/2021	16:35:24	78777.97	394710.62	40.88	Soil	13,260	1.23
08/20/2021	16:35:25	78778.24	394710.84	40.86	Soil	13,500	1.40
08/20/2021	16:35:26	78778.17	394711.06	40.85	Soil	13,620	1.48
08/20/2021	16:35:27	78778.41	394711.20	40.86	Soil	12,720	0.85
08/20/2021	16:35:28	78778.35	394711.47	40.87	Soil	12,900	0.98
08/20/2021	16:35:29	78778.49	394711.68	40.86	Soil	11,820	0.22
08/20/2021	16:35:30	78778.54	394711.90	40.85	Soil	11,940	0.30
08/20/2021	16:35:31	78778.73	394712.13	40.85	Soil	13,860	1.65
08/20/2021	16:35:32	78778.76	394712.37	40.84	Soil	11,640	0.09
08/20/2021	16:35:33	78778.90	394712.58	40.84	Soil	14,580	2.15
08/20/2021	16:35:34	78779.01	394712.86	40.84	Soil	14,340	1.99
08/20/2021	16:35:35	78779.19	394713.18	40.84	Soil	12,000	0.34
08/20/2021	16:35:36	78779.35	394713.49	40.89	Soil	12,420	0.64

SU 7D GWS RESULTS
(SOIL)

08/20/2021	16:35:37	78779.46	394713.84	40.82	Soil	11,940	0.30
08/20/2021	16:35:38	78779.59	394714.12	40.88	Soil	12,180	0.47
08/20/2021	16:35:39	78779.56	394713.79	40.89	Soil	11,220	-0.20
08/20/2021	16:35:40	78779.69	394713.53	40.83	Soil	12,540	0.72
08/20/2021	16:35:41	78779.43	394713.41	40.82	Soil	11,820	0.22
08/20/2021	16:35:42	78779.50	394713.22	40.82	Soil	10,620	-0.62
08/20/2021	16:35:43	78779.29	394713.03	40.81	Soil	13,560	1.44
08/20/2021	16:35:44	78779.30	394712.76	40.81	Soil	12,480	0.68
08/20/2021	16:35:45	78779.03	394712.50	40.81	Soil	10,980	-0.37
08/20/2021	16:35:46	78779.07	394712.23	40.81	Soil	10,560	-0.67
08/20/2021	16:35:47	78778.79	394711.98	40.82	Soil	13,320	1.27
08/20/2021	16:35:48	78778.83	394711.65	40.83	Soil	10,980	-0.37
08/20/2021	16:35:49	78778.54	394711.47	40.83	Soil	11,880	0.26
08/20/2021	16:35:50	78778.54	394711.22	40.82	Soil	12,780	0.89
08/20/2021	16:35:51	78778.33	394710.98	40.84	Soil	12,360	0.60
08/20/2021	16:35:52	78778.41	394710.72	40.85	Soil	13,680	1.52
08/20/2021	16:35:53	78778.16	394710.44	40.87	Soil	12,660	0.81
08/20/2021	16:35:54	78778.24	394710.11	40.89	Soil	13,080	1.10
08/20/2021	16:35:55	78778.32	394709.61	40.91	Soil	13,260	1.23
08/20/2021	16:35:56	78778.46	394709.69	40.91	Soil	13,620	1.48
08/20/2021	16:35:57	78778.73	394709.71	40.91	Soil	13,740	1.56
08/20/2021	16:35:58	78778.66	394709.91	40.88	Soil	10,920	-0.41
08/20/2021	16:35:59	78778.86	394710.10	40.88	Soil	12,960	1.02
08/20/2021	16:36:00	78778.63	394710.28	40.87	Soil	14,400	2.03
08/20/2021	16:36:01	78778.75	394710.48	40.88	Soil	12,120	0.43
08/20/2021	16:36:02	78778.59	394710.63	40.88	Soil	12,900	0.98
08/20/2021	16:36:03	78778.75	394710.73	40.88	Soil	11,640	0.09
08/20/2021	16:36:04	78778.68	394710.90	40.88	Soil	13,200	1.19
08/20/2021	16:36:05	78778.76	394711.02	40.90	Soil	11,940	0.30
08/20/2021	16:36:06	78779.00	394711.10	40.86	Soil	13,980	1.73
08/20/2021	16:36:07	78778.97	394711.32	40.85	Soil	11,340	-0.12
08/20/2021	16:36:08	78779.21	394711.39	40.83	Soil	12,360	0.60
08/20/2021	16:36:09	78779.11	394711.54	40.84	Soil	12,840	0.93
08/20/2021	16:36:10	78779.32	394711.71	40.83	Soil	13,440	1.35
08/20/2021	16:36:11	78779.38	394711.78	40.83	Soil	12,900	0.98
08/20/2021	16:36:12	78779.24	394711.97	40.84	Soil	13,320	1.27
08/20/2021	16:36:13	78779.37	394712.06	40.83	Soil	12,420	0.64
08/20/2021	16:36:14	78779.37	394712.18	40.83	Soil	13,200	1.19
08/20/2021	16:36:15	78779.48	394712.35	40.82	Soil	12,480	0.68
08/20/2021	16:36:16	78779.51	394712.57	40.80	Soil	11,580	0.05
08/20/2021	16:36:17	78779.66	394712.74	40.80	Soil	13,620	1.48
08/20/2021	16:36:18	78779.79	394712.87	40.80	Soil	12,420	0.64
08/20/2021	16:36:19	78779.85	394713.02	40.78	Soil	13,800	1.61
08/20/2021	16:36:20	78779.96	394713.15	40.78	Soil	12,780	0.89
08/20/2021	16:36:21	78779.76	394713.45	40.78	Soil	12,600	0.76
08/20/2021	16:36:22	78779.73	394713.32	40.75	Soil	13,260	1.23
08/20/2021	16:36:23	78779.47	394713.24	40.75	Soil	12,120	0.43
08/20/2021	16:36:24	78779.60	394713.04	40.74	Soil	12,720	0.85
08/20/2021	16:36:25	78779.36	394712.87	40.73	Soil	13,860	1.65
08/20/2021	16:36:26	78779.47	394712.66	40.72	Soil	12,780	0.89
08/20/2021	16:36:27	78779.24	394712.44	40.71	Soil	12,300	0.55

SU 7D GWS RESULTS
(SOIL)

08/20/2021	16:36:28	78779.30	394712.25	40.71	Soil	12,540	0.72
08/20/2021	16:36:29	78779.07	394712.05	40.70	Soil	11,400	-0.08
08/20/2021	16:36:30	78779.17	394711.83	40.71	Soil	12,840	0.93
08/20/2021	16:36:31	78779.03	394711.67	40.72	Soil	10,020	-1.05
08/20/2021	16:36:32	78779.05	394711.45	40.75	Soil	11,460	-0.04
08/20/2021	16:36:33	78778.88	394711.25	40.77	Soil	11,940	0.30
08/20/2021	16:36:34	78778.88	394711.06	40.73	Soil	12,660	0.81
08/20/2021	16:36:35	78778.68	394710.88	40.75	Soil	12,540	0.72
08/20/2021	16:36:36	78778.77	394710.63	40.75	Soil	12,960	1.02
08/20/2021	16:36:37	78778.52	394710.45	40.75	Soil	10,680	-0.58
08/20/2021	16:36:38	78778.62	394710.22	40.77	Soil	14,160	1.86
08/20/2021	16:36:39	78778.52	394709.87	40.78	Soil	12,960	1.02
08/20/2021	16:36:40	78778.82	394709.75	40.80	Soil	12,360	0.60
08/20/2021	16:36:41	78779.17	394709.47	40.81	Soil	13,620	1.48
08/20/2021	16:36:42	78779.13	394709.55	40.80	Soil	12,480	0.68
08/20/2021	16:36:43	78779.20	394709.69	40.80	Soil	13,800	1.61
08/20/2021	16:36:44	78779.37	394709.81	40.80	Soil	12,300	0.55
08/20/2021	16:36:45	78779.29	394709.95	40.79	Soil	10,980	-0.37
08/20/2021	16:36:46	78779.50	394709.97	40.79	Soil	12,180	0.47
08/20/2021	16:36:47	78779.35	394710.10	40.78	Soil	10,860	-0.46
08/20/2021	16:36:48	78779.46	394710.11	40.79	Soil	12,660	0.81
08/20/2021	16:36:49	78779.11	394710.08	40.79	Soil	13,320	1.27
08/20/2021	16:36:50	78779.23	394710.00	40.78	Soil	15,300	2.66
08/20/2021	16:36:51	78779.12	394710.09	40.78	Soil	12,300	0.55
08/20/2021	16:36:52	78779.28	394710.26	40.76	Soil	12,660	0.81
08/20/2021	16:36:53	78779.16	394710.41	40.77	Soil	11,520	0.01
08/20/2021	16:36:54	78779.29	394710.58	40.76	Soil	11,400	-0.08
08/20/2021	16:36:55	78779.22	394710.73	40.76	Soil	12,840	0.93
08/20/2021	16:36:56	78779.33	394710.88	40.76	Soil	13,320	1.27
08/20/2021	16:36:57	78779.35	394711.03	40.75	Soil	12,660	0.81
08/20/2021	16:36:58	78779.38	394711.13	40.75	Soil	12,960	1.02
08/20/2021	16:36:59	78779.46	394711.28	40.74	Soil	12,240	0.51
08/20/2021	16:37:00	78779.48	394711.44	40.74	Soil	10,860	-0.46
08/20/2021	16:37:01	78779.60	394711.62	40.74	Soil	13,620	1.48
08/20/2021	16:37:02	78779.57	394711.81	40.75	Soil	12,060	0.39
08/20/2021	16:37:03	78779.75	394711.99	40.74	Soil	12,180	0.47
08/20/2021	16:37:04	78779.67	394712.20	40.73	Soil	14,580	2.15
08/20/2021	16:37:05	78779.85	394712.36	40.72	Soil	12,720	0.85
08/20/2021	16:37:06	78779.73	394712.51	40.72	Soil	13,320	1.27
08/20/2021	16:37:07	78779.93	394712.70	40.72	Soil	12,480	0.68
08/20/2021	16:37:08	78779.88	394712.94	40.72	Soil	12,360	0.60
08/20/2021	16:37:09	78780.10	394713.15	40.72	Soil	11,280	-0.16
08/20/2021	16:37:10	78779.95	394713.27	40.73	Soil	12,660	0.81
08/20/2021	16:37:11	78779.79	394713.46	40.74	Soil	10,800	-0.50
08/20/2021	16:37:12	78779.79	394713.34	40.72	Soil	11,460	-0.04
08/20/2021	16:37:13	78779.56	394713.27	40.73	Soil	13,560	1.44
08/20/2021	16:37:14	78779.68	394713.07	40.72	Soil	12,060	0.39
08/20/2021	16:37:15	78779.45	394712.87	40.71	Soil	13,980	1.73
08/20/2021	16:37:16	78779.51	394712.62	40.71	Soil	12,180	0.47
08/20/2021	16:37:17	78779.26	394712.45	40.72	Soil	11,940	0.30
08/20/2021	16:37:18	78779.32	394712.19	40.71	Soil	11,760	0.18

SU 7D GWS RESULTS
(SOIL)

08/20/2021	16:37:19	78779.02	394712.01	40.71	Soil	12,540	0.72
08/20/2021	16:37:20	78779.10	394711.76	40.73	Soil	13,080	1.10
08/20/2021	16:37:21	78778.90	394711.56	40.75	Soil	12,240	0.51
08/20/2021	16:37:22	78778.94	394711.34	40.73	Soil	13,020	1.06
08/20/2021	16:37:23	78778.78	394711.16	40.71	Soil	12,720	0.85
08/20/2021	16:37:24	78778.81	394710.93	40.72	Soil	11,940	0.30
08/20/2021	16:37:25	78778.55	394710.78	40.71	Soil	11,640	0.09
08/20/2021	16:37:26	78778.65	394710.47	40.72	Soil	12,480	0.68
08/20/2021	16:37:27	78778.43	394710.18	40.73	Soil	12,900	0.98
08/20/2021	16:37:28	78778.63	394709.92	40.75	Soil	13,620	1.48
08/20/2021	16:37:29	78778.43	394709.64	40.75	Soil	11,280	-0.16
08/20/2021	16:37:30	78778.55	394709.43	40.74	Soil	12,600	0.76
08/20/2021	16:37:31	78778.65	394709.08	40.76	Soil	14,580	2.15
08/20/2021	16:37:32	78778.63	394709.35	40.75	Soil	12,600	0.76
08/20/2021	16:37:33	78778.84	394709.53	40.75	Soil	11,340	-0.12
08/20/2021	16:37:34	78778.74	394709.73	40.74	Soil	12,540	0.72
08/20/2021	16:37:35	78778.86	394709.95	40.72	Soil	13,860	1.65
08/20/2021	16:37:36	78778.71	394710.17	40.71	Soil	12,900	0.98
08/20/2021	16:37:37	78778.85	394710.40	40.72	Soil	12,420	0.64
08/20/2021	16:37:38	78778.69	394710.59	40.72	Soil	11,040	-0.33
08/20/2021	16:37:39	78778.89	394710.73	40.72	Soil	12,300	0.55
08/20/2021	16:37:40	78778.72	394710.95	40.74	Soil	12,240	0.51
08/20/2021	16:37:41	78778.91	394711.11	40.75	Soil	12,060	0.39
08/20/2021	16:37:42	78778.94	394711.30	40.70	Soil	10,860	-0.46
08/20/2021	16:37:43	78779.07	394711.51	40.69	Soil	13,140	1.14
08/20/2021	16:37:44	78778.98	394711.77	40.69	Soil	11,400	-0.08
08/20/2021	16:37:45	78779.15	394711.94	40.70	Soil	12,600	0.76
08/20/2021	16:37:46	78779.19	394712.23	40.70	Soil	13,680	1.52
08/20/2021	16:37:47	78779.39	394712.35	40.70	Soil	14,640	2.20
08/20/2021	16:37:48	78779.56	394712.59	40.70	Soil	13,560	1.44
08/20/2021	16:37:49	78779.50	394712.41	40.70	Soil	12,240	0.51
08/20/2021	16:37:50	78779.72	394712.23	40.69	Soil	11,880	0.26
08/20/2021	16:37:51	78779.53	394712.16	40.69	Soil	11,220	-0.20
08/20/2021	16:37:52	78779.42	394712.03	40.69	Soil	10,980	-0.37
08/20/2021	16:37:53	78779.36	394711.77	40.68	Soil	12,720	0.85
08/20/2021	16:37:54	78779.01	394711.72	40.70	Soil	13,380	1.31
08/20/2021	16:37:55	78779.00	394711.45	40.70	Soil	12,120	0.43
08/20/2021	16:37:56	78778.63	394711.32	40.68	Soil	13,320	1.27
08/20/2021	16:37:57	78778.60	394711.09	40.68	Soil	12,780	0.89
08/20/2021	16:37:58	78778.29	394710.96	40.68	Soil	13,140	1.14
08/20/2021	16:37:59	78778.23	394710.70	40.67	Soil	12,900	0.98
08/20/2021	16:38:00	78777.91	394710.53	40.68	Soil	13,680	1.52
08/20/2021	16:38:01	78777.86	394710.23	40.70	Soil	12,300	0.55
08/20/2021	16:38:02	78777.57	394709.95	40.69	Soil	12,000	0.34
08/20/2021	16:38:03	78777.57	394709.56	40.69	Soil	15,480	2.79
08/20/2021	16:38:04	78777.59	394709.42	40.71	Soil	13,500	1.40
08/20/2021	16:38:05	78777.81	394709.48	40.72	Soil	12,360	0.60
08/20/2021	16:38:06	78777.90	394709.67	40.72	Soil	13,320	1.27
08/20/2021	16:38:07	78778.09	394709.83	40.71	Soil	13,140	1.14
08/20/2021	16:38:08	78778.17	394710.04	40.68	Soil	11,280	-0.16
08/20/2021	16:38:09	78778.49	394710.20	40.68	Soil	12,600	0.76

SU 7D GWS RESULTS
(SOIL)

08/20/2021	16:38:10	78778.50	394710.39	40.68	Soil	13,440	1.35
08/20/2021	16:38:11	78778.69	394710.51	40.71	Soil	12,060	0.39
08/20/2021	16:38:12	78778.93	394710.67	40.72	Soil	13,680	1.52
08/20/2021	16:38:13	78779.00	394710.83	40.72	Soil	12,420	0.64
08/20/2021	16:38:14	78779.21	394710.97	40.70	Soil	12,120	0.43
08/20/2021	16:38:15	78779.19	394711.21	40.69	Soil	11,100	-0.29
08/20/2021	16:38:16	78779.43	394711.45	40.67	Soil	11,100	-0.29
08/20/2021	16:38:17	78779.45	394711.77	40.67	Soil	10,560	-0.67
08/20/2021	16:38:18	78779.59	394712.09	40.67	Soil	12,120	0.43
08/20/2021	16:38:19	78779.69	394712.39	40.67	Soil	13,200	1.19
08/20/2021	16:38:20	78779.77	394712.71	40.66	Soil	11,880	0.26
08/20/2021	16:38:21	78779.96	394712.97	40.65	Soil	11,040	-0.33
08/20/2021	16:38:22	78780.00	394713.21	40.65	Soil	13,500	1.40
08/20/2021	16:38:23	78780.15	394713.23	40.67	Soil	12,480	0.68
08/20/2021	16:38:24	78780.19	394713.26	40.66	Soil	12,120	0.43
08/20/2021	16:38:25	78780.18	394713.16	40.65	Soil	12,480	0.68
08/20/2021	16:38:26	78780.21	394712.99	40.65	Soil	10,260	-0.88
08/20/2021	16:38:27	78780.07	394712.82	40.65	Soil	11,940	0.30
08/20/2021	16:38:28	78780.17	394712.62	40.65	Soil	13,680	1.52
08/20/2021	16:38:29	78779.95	394712.44	40.65	Soil	12,900	0.98
08/20/2021	16:38:30	78780.09	394712.24	40.65	Soil	11,400	-0.08
08/20/2021	16:38:31	78779.93	394712.03	40.65	Soil	12,180	0.47
08/20/2021	16:38:32	78779.97	394711.84	40.66	Soil	11,100	-0.29
08/20/2021	16:38:33	78779.93	394711.65	40.67	Soil	14,040	1.78
08/20/2021	16:38:34	78779.92	394711.46	40.67	Soil	12,900	0.98
08/20/2021	16:38:35	78779.87	394711.29	40.68	Soil	12,780	0.89
08/20/2021	16:38:36	78779.75	394711.10	40.68	Soil	13,500	1.40
08/20/2021	16:38:37	78779.80	394710.96	40.68	Soil	13,500	1.40
08/20/2021	16:38:38	78779.56	394710.82	40.69	Soil	11,340	-0.12
08/20/2021	16:38:39	78779.57	394710.62	40.68	Soil	12,180	0.47
08/20/2021	16:38:40	78779.27	394710.53	40.68	Soil	12,240	0.51
08/20/2021	16:38:41	78779.34	394710.29	40.68	Soil	11,220	-0.20
08/20/2021	16:38:42	78779.05	394710.05	40.67	Soil	13,680	1.52
08/20/2021	16:38:43	78779.13	394709.77	40.66	Soil	12,420	0.64
08/20/2021	16:38:44	78778.82	394709.60	40.66	Soil	12,600	0.76
08/20/2021	16:38:45	78778.85	394709.37	40.64	Soil	12,300	0.55
08/20/2021	16:38:46	78778.92	394709.30	40.67	Soil	12,720	0.85
08/20/2021	16:38:47	78779.11	394709.46	40.70	Soil	13,560	1.44
08/20/2021	16:38:48	78779.33	394709.55	40.68	Soil	12,660	0.81
08/20/2021	16:38:49	78779.38	394709.71	40.67	Soil	12,660	0.81
08/20/2021	16:38:50	78779.50	394709.83	40.67	Soil	13,920	1.69
08/20/2021	16:38:51	78779.44	394709.98	40.68	Soil	13,560	1.44
08/20/2021	16:38:52	78779.61	394710.11	40.67	Soil	10,920	-0.41
08/20/2021	16:38:53	78779.60	394710.27	40.69	Soil	12,720	0.85
08/20/2021	16:38:54	78779.84	394710.36	40.68	Soil	12,300	0.55
08/20/2021	16:38:55	78779.83	394710.55	40.68	Soil	12,780	0.89
08/20/2021	16:38:56	78780.03	394710.72	40.68	Soil	12,960	1.02
08/20/2021	16:38:57	78779.89	394710.95	40.68	Soil	14,820	2.32
08/20/2021	16:38:58	78780.07	394711.15	40.66	Soil	12,120	0.43
08/20/2021	16:38:59	78779.97	394711.32	40.66	Soil	10,860	-0.46
08/20/2021	16:39:00	78780.03	394711.54	40.64	Soil	12,180	0.47

SU 7D GWS RESULTS
(SOIL)

08/20/2021	16:39:01	78779.94	394711.72	40.65	Soil	12,120	0.43
08/20/2021	16:39:02	78780.04	394711.93	40.64	Soil	12,840	0.93
08/20/2021	16:39:03	78779.94	394712.12	40.64	Soil	14,520	2.11
08/20/2021	16:39:04	78780.14	394712.35	40.63	Soil	13,080	1.10
08/20/2021	16:39:05	78780.08	394712.60	40.63	Soil	12,480	0.68
08/20/2021	16:39:06	78780.34	394712.82	40.63	Soil	12,540	0.72
08/20/2021	16:39:07	78780.29	394713.11	40.62	Soil	13,140	1.14
08/20/2021	16:39:08	78780.45	394713.17	40.62	Soil	12,300	0.55
08/20/2021	16:39:09	78780.43	394713.20	40.62	Soil	11,760	0.18
08/20/2021	16:39:10	78780.51	394713.03	40.62	Soil	11,880	0.26
08/20/2021	16:39:11	78780.42	394712.80	40.61	Soil	12,720	0.85
08/20/2021	16:39:12	78780.51	394712.58	40.61	Soil	12,300	0.55
08/20/2021	16:39:13	78780.38	394712.34	40.62	Soil	13,080	1.10
08/20/2021	16:39:14	78780.43	394712.05	40.62	Soil	10,860	-0.46
08/20/2021	16:39:15	78780.41	394711.89	40.62	Soil	12,720	0.85
08/20/2021	16:39:16	78780.25	394711.64	40.62	Soil	10,800	-0.50
08/20/2021	16:39:17	78780.32	394711.43	40.64	Soil	12,240	0.51
08/20/2021	16:39:18	78780.13	394711.23	40.64	Soil	13,140	1.14
08/20/2021	16:39:19	78780.27	394710.98	40.65	Soil	11,820	0.22
08/20/2021	16:39:20	78780.04	394710.77	40.66	Soil	13,260	1.23
08/20/2021	16:39:20	78780.09	394710.46	40.66	Soil	11,700	0.13
08/20/2021	16:39:21	78779.76	394710.20	40.67	Soil	12,960	1.02
08/20/2021	16:39:23	78779.87	394709.83	40.72	Soil	12,420	0.64
08/20/2021	16:39:24	78779.51	394709.46	40.71	Soil	12,060	0.39
08/20/2021	16:39:24	78779.73	394709.23	40.71	Soil	11,880	0.26
08/20/2021	16:39:26	78779.94	394708.84	40.71	Soil	12,420	0.64
08/20/2021	16:39:27	78779.87	394709.04	40.71	Soil	11,040	-0.33
08/20/2021	16:39:27	78780.18	394709.15	40.69	Soil	13,080	1.10
08/20/2021	16:39:29	78780.04	394709.35	40.68	Soil	13,140	1.14
08/20/2021	16:39:29	78780.31	394709.53	40.68	Soil	12,840	0.93
08/20/2021	16:39:30	78780.19	394709.79	40.68	Soil	11,040	-0.33
08/20/2021	16:39:32	78780.39	394709.97	40.69	Soil	13,200	1.19
08/20/2021	16:39:32	78780.26	394710.19	40.69	Soil	12,060	0.39
08/20/2021	16:39:33	78780.45	394710.35	40.69	Soil	11,820	0.22
08/20/2021	16:39:34	78780.37	394710.51	40.67	Soil	12,360	0.60
08/20/2021	16:39:35	78780.51	394710.71	40.68	Soil	10,920	-0.41
08/20/2021	16:39:37	78780.48	394710.93	40.68	Soil	11,700	0.13
08/20/2021	16:39:37	78780.67	394711.14	40.67	Soil	12,240	0.51
08/20/2021	16:39:38	78780.66	394711.36	40.67	Soil	13,560	1.44
08/20/2021	16:39:40	78780.73	394711.60	40.66	Soil	11,220	-0.20
08/20/2021	16:39:41	78780.72	394711.82	40.65	Soil	11,940	0.30
08/20/2021	16:39:41	78780.81	394712.02	40.65	Soil	13,680	1.52
08/20/2021	16:39:42	78780.91	394712.27	40.65	Soil	11,220	-0.20
08/20/2021	16:39:43	78780.87	394712.52	40.65	Soil	10,800	-0.50
08/20/2021	16:39:44	78781.09	394712.74	40.66	Soil	12,000	0.34
08/20/2021	16:39:46	78780.93	394713.03	40.70	Soil	11,640	0.09
08/20/2021	16:39:46	78780.99	394713.26	40.67	Soil	12,240	0.51
08/20/2021	16:39:47	78780.64	394713.43	40.65	Soil	13,020	1.06
08/20/2021	16:39:49	78780.69	394713.30	40.62	Soil	12,600	0.76
08/20/2021	16:39:49	78780.55	394713.19	40.63	Soil	13,380	1.31
08/20/2021	16:39:50	78780.65	394712.99	40.63	Soil	11,640	0.09

SU 7D GWS RESULTS
(SOIL)

08/20/2021	16:39:52	78780.45	394712.78	40.63	Soil	13,560	1.44
08/20/2021	16:39:52	78780.60	394712.59	40.64	Soil	13,740	1.56
08/20/2021	16:39:53	78780.42	394712.32	40.65	Soil	12,960	1.02
08/20/2021	16:39:55	78780.63	394712.10	40.65	Soil	12,000	0.34
08/20/2021	16:39:55	78780.45	394711.90	40.65	Soil	12,180	0.47
08/20/2021	16:39:56	78780.55	394711.70	40.65	Soil	13,620	1.48
08/20/2021	16:39:57	78780.37	394711.57	40.66	Soil	13,020	1.06
08/20/2021	16:39:59	78780.35	394711.42	40.68	Soil	12,720	0.85
08/20/2021	16:39:59	78780.21	394711.28	40.68	Soil	12,780	0.89
08/20/2021	16:40:00	78780.23	394711.05	40.69	Soil	13,380	1.31
08/20/2021	16:40:01	78780.24	394710.93	40.68	Soil	13,500	1.40
08/20/2021	16:40:02	78780.07	394710.98	40.68	Soil	13,560	1.44
08/20/2021	16:40:03	78779.96	394710.76	40.68	Soil	12,660	0.81
08/20/2021	16:40:05	78779.75	394710.59	40.69	Soil	12,720	0.85
08/20/2021	16:40:06	78779.77	394710.36	40.68	Soil	12,540	0.72
08/20/2021	16:40:06	78779.51	394710.20	40.68	Soil	14,100	1.82
08/20/2021	16:40:07	78779.64	394709.89	40.69	Soil	12,000	0.34
08/20/2021	16:40:08	78779.43	394709.66	40.73	Soil	13,320	1.27
08/20/2021	16:40:09	78779.65	394709.41	40.70	Soil	12,360	0.60
08/20/2021	16:40:10	78779.40	394709.16	40.70	Soil	14,700	2.24
08/20/2021	16:40:11	78779.55	394708.83	40.70	Soil	12,840	0.93
08/20/2021	16:40:12	78779.56	394708.35	40.74	Soil	12,540	0.72
08/20/2021	16:40:14	78779.74	394708.48	40.77	Soil	13,200	1.19
08/20/2021	16:40:14	78779.94	394708.52	40.77	Soil	15,480	2.79
08/20/2021	16:40:15	78779.84	394708.73	40.77	Soil	11,580	0.05
08/20/2021	16:40:16	78780.11	394708.94	40.80	Soil	12,120	0.43
08/20/2021	16:40:17	78779.92	394709.12	40.80	Soil	11,100	-0.29
08/20/2021	16:40:18	78779.90	394709.09	40.81	Soil	11,460	-0.04
08/20/2021	16:41:11	78779.89	394709.14	40.83	Soil	11,520	0.01
08/20/2021	16:41:11	78779.86	394709.18	40.83	Soil	12,000	0.34
08/20/2021	16:41:12	78779.88	394709.21	40.82	Soil	11,580	0.05
08/20/2021	16:41:13	78780.00	394709.33	40.80	Soil	12,060	0.39
08/20/2021	16:41:14	78779.90	394709.47	40.78	Soil	13,560	1.44
08/20/2021	16:41:15	78780.06	394709.72	40.77	Soil	13,860	1.65
08/20/2021	16:41:16	78779.85	394709.88	40.77	Soil	11,460	-0.04
08/20/2021	16:41:17	78780.06	394710.01	40.77	Soil	13,680	1.52
08/20/2021	16:41:18	78779.93	394710.21	40.75	Soil	12,600	0.76
08/20/2021	16:41:19	78780.10	394710.44	40.75	Soil	13,680	1.52
08/20/2021	16:41:20	78779.99	394710.59	40.75	Soil	13,680	1.52
08/20/2021	16:41:21	78780.13	394710.78	40.76	Soil	12,480	0.68
08/20/2021	16:41:22	78780.09	394711.00	40.75	Soil	11,880	0.26
08/20/2021	16:41:23	78780.18	394711.19	40.73	Soil	13,260	1.23
08/20/2021	16:41:25	78780.12	394711.47	40.72	Soil	10,440	-0.75
08/20/2021	16:41:25	78780.28	394711.73	40.71	Soil	12,300	0.55
08/20/2021	16:41:26	78780.30	394711.93	40.71	Soil	11,580	0.05
08/20/2021	16:41:27	78780.34	394712.19	40.70	Soil	12,600	0.76
08/20/2021	16:41:28	78780.38	394712.44	40.70	Soil	12,420	0.64
08/20/2021	16:41:29	78780.38	394712.68	40.68	Soil	11,700	0.13
08/20/2021	16:41:30	78780.58	394712.92	40.69	Soil	12,960	1.02
08/20/2021	16:41:31	78780.66	394713.08	40.68	Soil	12,480	0.68
08/20/2021	16:41:32	78780.91	394712.96	40.72	Soil	13,320	1.27

SU 7D GWS RESULTS
(SOIL)

08/20/2021	16:41:33	78781.25	394712.90	40.75	Soil	11,580	0.05
08/20/2021	16:41:34	78781.29	394712.90	40.74	Soil	13,140	1.14
08/20/2021	16:41:35	78781.12	394712.77	40.74	Soil	11,460	-0.04
08/20/2021	16:41:36	78781.30	394712.65	40.75	Soil	11,040	-0.33
08/20/2021	16:41:37	78781.10	394712.43	40.75	Soil	13,140	1.14
08/20/2021	16:41:38	78781.23	394712.22	40.76	Soil	11,700	0.13
08/20/2021	16:41:39	78781.00	394711.99	40.75	Soil	11,160	-0.25
08/20/2021	16:41:40	78781.14	394711.80	40.75	Soil	14,220	1.90
08/20/2021	16:41:41	78780.96	394711.58	40.74	Soil	13,620	1.48
08/20/2021	16:41:42	78781.09	394711.36	40.75	Soil	12,060	0.39
08/20/2021	16:41:43	78780.96	394711.19	40.74	Soil	13,980	1.73
08/20/2021	16:41:44	78780.92	394711.06	40.75	Soil	11,520	0.01
08/20/2021	16:41:45	78780.97	394710.95	40.76	Soil	12,540	0.72
08/20/2021	16:41:46	78780.82	394710.84	40.75	Soil	13,380	1.31
08/20/2021	16:41:47	78780.95	394710.69	40.76	Soil	13,200	1.19
08/20/2021	16:41:48	78780.74	394710.57	40.77	Soil	13,620	1.48
08/20/2021	16:41:49	78780.82	394710.47	40.78	Soil	11,640	0.09
08/20/2021	16:41:50	78780.70	394710.32	40.78	Soil	14,280	1.94
08/20/2021	16:41:51	78780.63	394710.22	40.78	Soil	14,100	1.82
08/20/2021	16:41:52	78780.70	394710.09	40.78	Soil	14,100	1.82
08/20/2021	16:41:53	78780.50	394709.92	40.78	Soil	10,740	-0.54
08/20/2021	16:41:54	78780.64	394709.75	40.78	Soil	14,040	1.78
08/20/2021	16:41:55	78780.37	394709.60	40.78	Soil	11,940	0.30
08/20/2021	16:41:57	78780.55	394709.48	40.78	Soil	12,060	0.39
08/20/2021	16:41:57	78780.69	394709.10	40.79	Soil	13,020	1.06
08/20/2021	16:41:58	78780.65	394709.12	40.79	Soil	13,620	1.48
08/20/2021	16:41:59	78780.92	394709.17	40.79	Soil	13,560	1.44
08/20/2021	16:42:00	78780.83	394709.25	40.78	Soil	12,540	0.72
08/20/2021	16:42:01	78781.05	394709.36	40.79	Soil	13,560	1.44
08/20/2021	16:42:02	78780.99	394709.45	40.79	Soil	13,440	1.35
08/20/2021	16:42:03	78780.90	394709.53	40.80	Soil	12,660	0.81
08/20/2021	16:42:04	78781.06	394709.68	40.80	Soil	12,660	0.81
08/20/2021	16:42:05	78780.87	394709.76	40.79	Soil	11,760	0.18
08/20/2021	16:42:06	78781.08	394709.96	40.79	Soil	13,140	1.14
08/20/2021	16:42:07	78780.93	394710.05	40.80	Soil	12,360	0.60
08/20/2021	16:42:08	78780.93	394710.13	40.79	Soil	14,460	2.07
08/20/2021	16:42:09	78781.06	394710.25	40.80	Soil	12,120	0.43
08/20/2021	16:42:10	78780.85	394710.30	40.80	Soil	13,320	1.27
08/20/2021	16:42:11	78781.02	394710.45	40.81	Soil	13,560	1.44
08/20/2021	16:42:12	78780.86	394710.55	40.81	Soil	11,880	0.26
08/20/2021	16:42:13	78780.97	394710.70	40.83	Soil	13,080	1.10
08/20/2021	16:42:14	78780.89	394710.86	40.85	Soil	13,740	1.56
08/20/2021	16:42:15	78780.89	394710.94	40.84	Soil	13,560	1.44
08/20/2021	16:42:16	78780.97	394711.12	40.85	Soil	13,200	1.19
08/20/2021	16:42:17	78780.83	394711.19	40.85	Soil	12,060	0.39
08/20/2021	16:42:18	78781.04	394711.37	40.85	Soil	12,540	0.72
08/20/2021	16:42:19	78780.88	394711.51	40.86	Soil	13,560	1.44
08/20/2021	16:42:20	78781.04	394711.74	40.86	Soil	12,720	0.85
08/20/2021	16:42:21	78780.91	394711.89	40.84	Soil	11,880	0.26
08/20/2021	16:42:22	78781.06	394712.07	40.83	Soil	11,040	-0.33
08/20/2021	16:42:23	78781.03	394712.24	40.83	Soil	12,000	0.34

SU 7D GWS RESULTS
(SOIL)

08/20/2021	16:42:24	78781.00	394712.36	40.82	Soil	12,540	0.72
08/20/2021	16:42:25	78781.18	394712.49	40.83	Soil	14,040	1.78
08/20/2021	16:42:26	78781.00	394712.64	40.81	Soil	11,460	-0.04
08/20/2021	16:42:27	78781.12	394712.76	40.83	Soil	11,700	0.13
08/20/2021	16:42:28	78781.02	394712.87	40.82	Soil	12,060	0.39
08/20/2021	16:42:29	78780.85	394712.79	40.81	Soil	11,940	0.30
08/20/2021	16:42:30	78780.84	394713.08	40.82	Soil	12,540	0.72
08/20/2021	16:42:31	78780.50	394713.09	40.80	Soil	11,220	-0.20
08/20/2021	16:42:32	78780.60	394713.07	40.80	Soil	13,980	1.73
08/20/2021	16:42:33	78780.65	394712.81	40.79	Soil	12,240	0.51
08/20/2021	16:42:34	78780.65	394712.57	40.79	Soil	12,300	0.55
08/20/2021	16:42:35	78780.71	394712.40	40.79	Soil	13,140	1.14
08/20/2021	16:42:36	78780.67	394712.09	40.79	Soil	14,280	1.94
08/20/2021	16:42:37	78780.74	394711.84	40.79	Soil	11,700	0.13
08/20/2021	16:42:38	78780.64	394711.62	40.81	Soil	12,060	0.39
08/20/2021	16:42:39	78780.78	394711.43	40.82	Soil	12,180	0.47
08/20/2021	16:42:40	78780.55	394711.21	40.83	Soil	12,420	0.64
08/20/2021	16:42:41	78780.68	394710.93	40.83	Soil	12,780	0.89
08/20/2021	16:42:42	78780.44	394710.71	40.83	Soil	13,020	1.06
08/20/2021	16:42:43	78780.51	394710.43	40.82	Soil	12,780	0.89
08/20/2021	16:42:44	78780.25	394710.16	40.82	Soil	12,780	0.89
08/20/2021	16:42:45	78780.40	394709.87	40.80	Soil	12,180	0.47
08/20/2021	16:42:46	78780.14	394709.63	40.82	Soil	12,600	0.76
08/20/2021	16:42:47	78780.30	394709.45	40.81	Soil	11,880	0.26
08/20/2021	16:42:48	78780.38	394709.16	40.81	Soil	12,180	0.47
08/20/2021	16:42:49	78780.55	394708.88	40.86	Soil	13,260	1.23
08/20/2021	16:42:50	78780.85	394708.35	40.85	Soil	13,800	1.61
08/20/2021	16:42:51	78780.99	394708.41	40.86	Soil	13,020	1.06
08/20/2021	16:42:52	78781.34	394708.49	40.88	Soil	11,700	0.13
08/20/2021	16:42:53	78781.15	394708.70	40.86	Soil	13,620	1.48
08/20/2021	16:42:54	78781.36	394708.93	40.83	Soil	13,440	1.35
08/20/2021	16:42:55	78781.14	394709.05	40.83	Soil	13,620	1.48
08/20/2021	16:42:56	78781.28	394709.29	40.83	Soil	12,240	0.51
08/20/2021	16:42:57	78781.14	394709.44	40.83	Soil	13,020	1.06
08/20/2021	16:42:58	78781.36	394709.68	40.82	Soil	11,100	-0.29
08/20/2021	16:42:59	78781.23	394709.92	40.81	Soil	12,780	0.89
08/20/2021	16:43:00	78781.37	394710.09	40.81	Soil	12,240	0.51
08/20/2021	16:43:01	78781.27	394710.29	40.80	Soil	11,940	0.30
08/20/2021	16:43:02	78781.34	394710.41	40.81	Soil	12,960	1.02
08/20/2021	16:43:03	78781.38	394710.54	40.80	Soil	13,020	1.06
08/20/2021	16:43:04	78781.41	394710.67	40.79	Soil	12,540	0.72
08/20/2021	16:43:05	78781.47	394710.82	40.78	Soil	11,760	0.18
08/20/2021	16:43:06	78781.39	394710.96	40.76	Soil	12,240	0.51
08/20/2021	16:43:07	78781.53	394711.14	40.76	Soil	13,500	1.40
08/20/2021	16:43:08	78781.35	394711.24	40.76	Soil	13,560	1.44
08/20/2021	16:43:09	78781.48	394711.46	40.77	Soil	12,360	0.60
08/20/2021	16:43:10	78781.33	394711.60	40.76	Soil	12,780	0.89
08/20/2021	16:43:11	78781.47	394711.89	40.77	Soil	13,380	1.31
08/20/2021	16:43:12	78781.29	394712.04	40.77	Soil	11,100	-0.29
08/20/2021	16:43:13	78781.39	394712.21	40.77	Soil	11,880	0.26
08/20/2021	16:43:14	78781.34	394712.37	40.75	Soil	11,520	0.01

SU 7D GWS RESULTS
(SOIL)

08/20/2021	16:43:15	78781.41	394712.53	40.76	Soil	13,140	1.14
08/20/2021	16:43:16	78781.49	394712.71	40.76	Soil	11,520	0.01
08/20/2021	16:43:17	78781.35	394712.86	40.77	Soil	12,360	0.60
08/20/2021	16:43:18	78781.40	394713.12	40.80	Soil	12,480	0.68
08/20/2021	16:43:19	78781.11	394713.13	40.73	Soil	12,240	0.51
08/20/2021	16:43:20	78781.08	394713.10	40.72	Soil	12,360	0.60
08/20/2021	16:43:21	78781.13	394712.91	40.68	Soil	11,220	-0.20
08/20/2021	16:43:22	78781.01	394712.69	40.66	Soil	11,340	-0.12
08/20/2021	16:43:23	78781.22	394712.49	40.64	Soil	11,460	-0.04
08/20/2021	16:43:24	78781.09	394712.20	40.63	Soil	11,700	0.13
08/20/2021	16:43:25	78781.34	394712.05	40.63	Soil	12,900	0.98
08/20/2021	16:43:26	78781.15	394711.81	40.61	Soil	10,500	-0.71
08/20/2021	16:43:27	78781.24	394711.63	40.60	Soil	9,900	-1.13
08/20/2021	16:43:28	78781.32	394711.47	40.59	Soil	13,020	1.06
08/20/2021	16:43:29	78781.24	394711.30	40.58	Soil	12,600	0.76
08/20/2021	16:43:30	78781.32	394711.13	40.56	Soil	12,480	0.68
08/20/2021	16:43:31	78781.21	394710.84	40.56	Soil	12,300	0.55
08/20/2021	16:43:32	78781.31	394710.65	40.56	Soil	11,640	0.09
08/20/2021	16:43:33	78781.21	394710.45	40.52	Soil	12,180	0.47
08/20/2021	16:43:34	78781.28	394710.22	40.51	Soil	13,080	1.10
08/20/2021	16:43:35	78781.10	394710.04	40.51	Soil	14,580	2.15
08/20/2021	16:43:36	78781.26	394709.80	40.52	Soil	13,440	1.35
08/20/2021	16:43:37	78781.17	394709.37	40.53	Soil	12,420	0.64
08/20/2021	16:43:38	78781.40	394709.30	40.53	Soil	12,420	0.64
08/20/2021	16:43:39	78781.77	394709.05	40.57	Soil	12,360	0.60
08/20/2021	16:43:40	78781.75	394709.14	40.58	Soil	10,980	-0.37
08/20/2021	16:43:41	78781.74	394709.24	40.61	Soil	11,040	-0.33
08/20/2021	16:43:42	78781.96	394709.31	40.64	Soil	14,400	2.03
08/20/2021	16:43:43	78781.82	394709.42	40.65	Soil	12,120	0.43
08/20/2021	16:43:44	78781.96	394709.54	40.68	Soil	12,600	0.76
08/20/2021	16:43:45	78781.84	394709.63	40.70	Soil	12,660	0.81
08/20/2021	16:43:46	78781.87	394709.79	40.73	Soil	11,880	0.26
08/20/2021	16:43:47	78781.91	394709.89	40.76	Soil	13,740	1.56
08/20/2021	16:43:48	78781.84	394709.91	40.77	Soil	12,060	0.39
08/20/2021	16:43:49	78781.96	394710.12	40.78	Soil	11,940	0.30
08/20/2021	16:43:50	78781.88	394710.26	40.76	Soil	13,380	1.31
08/20/2021	16:43:51	78781.96	394710.36	40.76	Soil	13,140	1.14
08/20/2021	16:43:52	78781.86	394710.46	40.75	Soil	12,000	0.34
08/20/2021	16:43:53	78781.97	394710.66	40.78	Soil	14,220	1.90
08/20/2021	16:43:54	78781.77	394710.74	40.78	Soil	13,980	1.73
08/20/2021	16:43:55	78781.91	394710.91	40.79	Soil	15,660	2.91
08/20/2021	16:43:56	78781.81	394711.02	40.79	Soil	13,500	1.40
08/20/2021	16:43:57	78781.87	394711.23	40.79	Soil	13,200	1.19
08/20/2021	16:43:58	78781.84	394711.37	40.80	Soil	11,400	-0.08
08/20/2021	16:43:59	78781.74	394711.44	40.80	Soil	11,880	0.26
08/20/2021	16:44:00	78781.86	394711.61	40.82	Soil	12,780	0.89
08/20/2021	16:44:01	78781.71	394711.74	40.83	Soil	11,460	-0.04
08/20/2021	16:44:02	78781.89	394711.97	40.84	Soil	12,780	0.89
08/20/2021	16:44:03	78781.72	394712.13	40.85	Soil	12,900	0.98
08/20/2021	16:44:04	78781.84	394712.41	40.85	Soil	11,160	-0.25
08/20/2021	16:44:05	78781.67	394712.59	40.84	Soil	12,180	0.47

SU 7D GWS RESULTS
(SOIL)

08/20/2021	16:44:06	78781.61	394712.77	40.86	Soil	11,340	-0.12
08/20/2021	16:44:07	78781.69	394713.06	40.95	Soil	13,380	1.31
08/20/2021	16:44:08	78781.59	394713.22	40.94	Soil	13,320	1.27
08/20/2021	16:44:09	78781.81	394713.54	40.91	Soil	12,900	0.98
08/20/2021	16:44:10	78781.68	394713.56	40.88	Soil	11,640	0.09
08/20/2021	16:44:11	78781.73	394713.70	40.87	Soil	12,180	0.47
08/20/2021	16:44:12	78781.65	394713.76	40.85	Soil	13,860	1.65
08/20/2021	16:44:13	78781.48	394713.83	40.79	Soil	11,820	0.22
08/20/2021	16:44:14	78781.40	394713.96	40.76	Soil	13,140	1.14
08/20/2021	16:44:15	78781.32	394713.96	40.74	Soil	11,580	0.05
08/20/2021	16:44:16	78781.15	394713.60	40.83	Soil	12,660	0.81
08/20/2021	16:44:17	78780.71	394713.66	40.79	Soil	10,560	-0.67
08/20/2021	16:44:18	78780.76	394713.57	40.79	Soil	12,060	0.39
08/20/2021	16:44:19	78780.98	394713.35	40.83	Soil	14,100	1.82
08/20/2021	16:44:20	78780.90	394713.09	40.79	Soil	13,020	1.06
08/20/2021	16:44:21	78781.14	394712.90	40.77	Soil	11,820	0.22
08/20/2021	16:44:22	78780.97	394712.68	40.77	Soil	13,800	1.61
08/20/2021	16:44:23	78781.18	394712.49	40.77	Soil	11,820	0.22
08/20/2021	16:44:24	78781.00	394712.24	40.76	Soil	11,640	0.09
08/20/2021	16:44:25	78781.18	394712.02	40.77	Soil	12,240	0.51
08/20/2021	16:44:26	78781.04	394711.77	40.77	Soil	14,280	1.94
08/20/2021	16:44:27	78781.12	394711.54	40.78	Soil	12,480	0.68
08/20/2021	16:44:28	78781.13	394711.34	40.77	Soil	12,060	0.39
08/20/2021	16:44:29	78781.10	394711.06	40.78	Soil	12,300	0.55
08/20/2021	16:44:30	78781.30	394710.82	40.79	Soil	11,040	-0.33
08/20/2021	16:44:31	78781.26	394710.54	40.77	Soil	13,680	1.52
08/20/2021	16:44:32	78781.39	394710.28	40.76	Soil	13,020	1.06
08/20/2021	16:44:33	78781.24	394710.07	40.75	Soil	13,080	1.10
08/20/2021	16:44:34	78781.39	394709.81	40.75	Soil	11,280	-0.16
08/20/2021	16:44:35	78781.20	394709.55	40.76	Soil	12,900	0.98
08/20/2021	16:44:36	78781.36	394709.26	40.76	Soil	10,980	-0.37
08/20/2021	16:44:37	78781.16	394708.99	40.77	Soil	12,960	1.02
08/20/2021	16:44:38	78781.18	394708.76	40.79	Soil	13,560	1.44
08/20/2021	16:44:39	78781.16	394708.38	40.79	Soil	11,460	-0.04
08/20/2021	16:44:40	78781.12	394708.46	40.80	Soil	10,080	-1.00
08/20/2021	16:44:41	78781.43	394708.49	40.78	Soil	10,980	-0.37
08/20/2021	16:44:42	78781.38	394708.69	40.76	Soil	12,120	0.43
08/20/2021	16:44:43	78781.58	394708.93	40.74	Soil	12,360	0.60
08/20/2021	16:44:44	78781.53	394709.16	40.71	Soil	11,340	-0.12
08/20/2021	16:44:45	78781.69	394709.39	40.69	Soil	12,660	0.81
08/20/2021	16:44:46	78781.57	394709.60	40.69	Soil	13,200	1.19
08/20/2021	16:44:47	78781.61	394709.80	40.72	Soil	12,540	0.72
08/20/2021	16:44:48	78781.67	394709.98	40.73	Soil	11,520	0.01
08/20/2021	16:44:49	78781.56	394710.09	40.72	Soil	12,960	1.02
08/20/2021	16:44:50	78781.68	394710.25	40.72	Soil	12,060	0.39
08/20/2021	16:44:51	78781.54	394710.38	40.71	Soil	13,500	1.40
08/20/2021	16:44:52	78781.70	394710.55	40.71	Soil	13,680	1.52
08/20/2021	16:44:53	78781.58	394710.66	40.70	Soil	13,980	1.73
08/20/2021	16:44:54	78781.58	394710.81	40.71	Soil	13,320	1.27
08/20/2021	16:44:55	78781.66	394711.00	40.70	Soil	11,400	-0.08
08/20/2021	16:44:56	78781.67	394711.20	40.68	Soil	12,060	0.39

SU 7D GWS RESULTS
(SOIL)

08/20/2021	16:44:57	78781.75	394711.41	40.68	Soil	12,660	0.81
08/20/2021	16:44:58	78781.78	394711.69	40.67	Soil	13,620	1.48
08/20/2021	16:44:59	78781.79	394711.92	40.69	Soil	12,540	0.72
08/20/2021	16:45:00	78781.80	394712.17	40.70	Soil	12,600	0.76
08/20/2021	16:45:01	78781.84	394712.41	40.70	Soil	14,280	1.94
08/20/2021	16:45:02	78781.69	394712.61	40.70	Soil	11,880	0.26
08/20/2021	16:45:03	78781.72	394712.91	40.72	Soil	13,500	1.40
08/20/2021	16:45:04	78781.69	394713.21	40.78	Soil	12,300	0.55
08/20/2021	16:45:05	78781.69	394713.45	40.71	Soil	13,140	1.14
08/20/2021	16:45:06	78781.72	394713.72	40.71	Soil	11,760	0.18
08/20/2021	16:45:07	78781.98	394713.78	40.70	Soil	13,440	1.35
08/20/2021	16:45:08	78782.24	394714.00	40.72	Soil	11,700	0.13
08/20/2021	16:45:09	78782.01	394713.90	40.74	Soil	11,040	-0.33
08/20/2021	16:45:10	78782.09	394713.78	40.76	Soil	11,760	0.18
08/20/2021	16:45:11	78782.05	394713.49	40.86	Soil	11,700	0.13
08/20/2021	16:45:12	78782.18	394713.27	40.93	Soil	11,340	-0.12
08/20/2021	16:45:13	78782.16	394713.06	40.85	Soil	11,760	0.18
08/20/2021	16:45:14	78782.15	394712.81	40.85	Soil	11,940	0.30
08/20/2021	16:45:15	78782.10	394712.59	40.83	Soil	13,560	1.44
08/20/2021	16:45:16	78782.13	394712.41	40.84	Soil	12,240	0.51
08/20/2021	16:45:17	78782.19	394712.32	40.83	Soil	13,140	1.14
08/20/2021	16:45:18	78782.02	394712.16	40.83	Soil	12,960	1.02
08/20/2021	16:45:19	78782.14	394712.07	40.83	Soil	14,040	1.78
08/20/2021	16:45:20	78782.02	394711.87	40.82	Soil	11,400	-0.08
08/20/2021	16:45:21	78782.10	394711.73	40.82	Soil	13,860	1.65
08/20/2021	16:45:22	78782.02	394711.50	40.83	Soil	13,320	1.27
08/20/2021	16:45:23	78781.98	394711.36	40.83	Soil	13,200	1.19
08/20/2021	16:45:24	78782.13	394711.25	40.83	Soil	12,960	1.02
08/20/2021	16:45:25	78781.98	394711.07	40.85	Soil	12,060	0.39
08/20/2021	16:45:26	78782.14	394710.91	40.86	Soil	11,520	0.01
08/20/2021	16:45:27	78782.06	394710.69	40.86	Soil	12,780	0.89
08/20/2021	16:45:28	78782.11	394710.55	40.86	Soil	13,620	1.48
08/20/2021	16:45:29	78782.03	394710.38	40.86	Soil	13,740	1.56
08/20/2021	16:45:30	78782.05	394710.20	40.88	Soil	13,860	1.65
08/20/2021	16:45:31	78782.02	394709.98	40.88	Soil	12,480	0.68
08/20/2021	16:45:32	78782.09	394709.75	40.87	Soil	12,060	0.39
08/20/2021	16:45:33	78782.07	394709.56	40.87	Soil	13,800	1.61
08/20/2021	16:45:34	78782.12	394709.32	40.86	Soil	13,140	1.14
08/20/2021	16:45:35	78782.11	394709.08	40.86	Soil	10,560	-0.67
08/20/2021	16:45:36	78782.05	394708.80	40.87	Soil	13,020	1.06
08/20/2021	16:45:37	78782.36	394708.48	40.85	Soil	10,680	-0.58
08/20/2021	16:45:38	78782.37	394708.47	40.85	Soil	12,960	1.02
08/20/2021	16:45:39	78782.48	394708.56	40.87	Soil	13,020	1.06
08/20/2021	16:45:40	78782.35	394708.71	40.87	Soil	11,820	0.22
08/20/2021	16:45:41	78782.48	394708.87	40.86	Soil	11,760	0.18
08/20/2021	16:45:42	78782.41	394709.04	40.87	Soil	12,000	0.34
08/20/2021	16:45:43	78782.54	394709.25	40.87	Soil	13,740	1.56
08/20/2021	16:45:44	78782.40	394709.42	40.87	Soil	12,660	0.81
08/20/2021	16:45:45	78782.45	394709.62	40.89	Soil	13,380	1.31
08/20/2021	16:45:46	78782.35	394709.82	40.90	Soil	13,620	1.48
08/20/2021	16:45:47	78782.39	394709.99	40.90	Soil	11,760	0.18

SU 7D GWS RESULTS
(SOIL)

08/20/2021	16:45:48	78782.39	394710.18	40.92	Soil	11,340	-0.12
08/20/2021	16:45:49	78782.28	394710.29	40.91	Soil	12,960	1.02
08/20/2021	16:45:50	78782.35	394710.44	40.89	Soil	11,820	0.22
08/20/2021	16:45:51	78782.21	394710.55	40.87	Soil	14,160	1.86
08/20/2021	16:45:52	78782.36	394710.73	40.86	Soil	13,320	1.27
08/20/2021	16:45:53	78782.22	394710.85	40.83	Soil	13,380	1.31
08/20/2021	16:45:54	78782.37	394711.01	40.81	Soil	12,540	0.72
08/20/2021	16:45:55	78782.20	394711.14	40.79	Soil	12,240	0.51
08/20/2021	16:45:56	78782.33	394711.37	40.79	Soil	10,860	-0.46
08/20/2021	16:45:57	78782.15	394711.53	40.78	Soil	10,560	-0.67
08/20/2021	16:45:58	78782.30	394711.76	40.78	Soil	14,040	1.78
08/20/2021	16:45:59	78782.17	394711.88	40.77	Soil	12,840	0.93
08/20/2021	16:46:00	78782.20	394712.05	40.78	Soil	11,400	-0.08
08/20/2021	16:46:01	78782.21	394712.22	40.79	Soil	11,460	-0.04
08/20/2021	16:46:02	78782.07	394712.33	40.78	Soil	11,460	-0.04
08/20/2021	16:46:03	78782.20	394712.57	40.80	Soil	12,960	1.02
08/20/2021	16:46:04	78781.97	394712.74	40.80	Soil	12,180	0.47
08/20/2021	16:46:05	78782.12	394712.95	40.87	Soil	11,700	0.13
08/20/2021	16:46:06	78782.04	394713.16	40.89	Soil	12,780	0.89
08/20/2021	16:46:07	78782.02	394713.12	40.90	Soil	11,880	0.26
08/20/2021	16:46:08	78782.28	394713.12	40.92	Soil	12,780	0.89
08/20/2021	16:46:09	78782.44	394713.09	40.88	Soil	12,060	0.39
08/20/2021	16:46:10	78782.25	394712.86	40.81	Soil	12,780	0.89
08/20/2021	16:46:11	78782.39	394712.71	40.78	Soil	11,040	-0.33
08/20/2021	16:46:12	78782.23	394712.45	40.74	Soil	12,420	0.64
08/20/2021	16:46:13	78782.29	394712.39	40.74	Soil	13,500	1.40
08/20/2021	16:46:14	78782.39	394712.28	40.73	Soil	12,120	0.43
08/20/2021	16:46:15	78782.33	394712.04	40.73	Soil	12,000	0.34
08/20/2021	16:46:16	78782.49	394711.90	40.72	Soil	12,660	0.81
08/20/2021	16:46:17	78782.41	394711.64	40.71	Soil	12,420	0.64
08/20/2021	16:46:18	78782.55	394711.50	40.71	Soil	11,520	0.01
08/20/2021	16:46:19	78782.48	394711.21	40.72	Soil	13,020	1.06
08/20/2021	16:46:20	78782.67	394711.10	40.72	Soil	13,740	1.56
08/20/2021	16:46:21	78782.66	394710.85	40.72	Soil	10,200	-0.92
08/20/2021	16:46:22	78782.82	394710.68	40.72	Soil	12,660	0.81
08/20/2021	16:46:23	78782.76	394710.46	40.72	Soil	10,560	-0.67
08/20/2021	16:46:24	78782.80	394710.29	40.72	Soil	12,480	0.68
08/20/2021	16:46:25	78782.74	394710.06	40.71	Soil	13,200	1.19
08/20/2021	16:46:26	78782.72	394709.90	40.71	Soil	11,400	-0.08
08/20/2021	16:46:27	78782.68	394709.63	40.68	Soil	10,860	-0.46
08/20/2021	16:46:28	78782.69	394709.40	40.67	Soil	14,460	2.07
08/20/2021	16:46:29	78782.74	394709.16	40.67	Soil	12,000	0.34
08/20/2021	16:46:30	78782.82	394708.90	40.66	Soil	12,000	0.34
08/20/2021	16:46:31	78782.80	394708.63	40.64	Soil	13,320	1.27
08/20/2021	16:46:32	78782.89	394708.41	40.60	Soil	13,260	1.23
08/20/2021	16:46:33	78783.10	394708.04	40.61	Soil	12,960	1.02
08/20/2021	16:46:34	78783.13	394708.05	40.62	Soil	11,340	-0.12
08/20/2021	16:46:35	78783.31	394708.20	40.65	Soil	12,660	0.81
08/20/2021	16:46:36	78783.22	394708.30	40.68	Soil	14,040	1.78
08/20/2021	16:46:37	78783.31	394708.49	40.71	Soil	11,280	-0.16
08/20/2021	16:46:38	78783.16	394708.64	40.76	Soil	12,180	0.47

SU 7D GWS RESULTS
(SOIL)

08/20/2021	16:46:39	78783.29	394708.85	40.76	Soil	12,180	0.47
08/20/2021	16:46:40	78783.15	394708.94	40.80	Soil	12,600	0.76
08/20/2021	16:46:41	78783.21	394709.16	40.82	Soil	12,900	0.98
08/20/2021	16:46:42	78783.03	394709.26	40.82	Soil	11,280	-0.16
08/20/2021	16:46:43	78783.09	394709.51	40.84	Soil	11,700	0.13
08/20/2021	16:46:44	78782.88	394709.65	40.85	Soil	13,080	1.10
08/20/2021	16:46:45	78782.99	394709.92	40.86	Soil	11,760	0.18
08/20/2021	16:46:46	78782.85	394710.09	40.85	Soil	13,920	1.69
08/20/2021	16:46:47	78782.94	394710.31	40.83	Soil	12,300	0.55
08/20/2021	16:46:48	78782.79	394710.50	40.85	Soil	13,620	1.48
08/20/2021	16:46:49	78782.85	394710.71	40.88	Soil	13,980	1.73
08/20/2021	16:46:50	78782.68	394710.87	40.89	Soil	11,040	-0.33
08/20/2021	16:46:51	78782.77	394711.10	40.90	Soil	11,400	-0.08
08/20/2021	16:46:52	78782.66	394711.27	40.90	Soil	12,120	0.43
08/20/2021	16:46:53	78782.71	394711.45	40.92	Soil	10,560	-0.67
08/20/2021	16:46:54	78782.70	394711.60	40.93	Soil	15,480	2.79
08/20/2021	16:46:55	78782.65	394711.80	40.94	Soil	12,240	0.51
08/20/2021	16:46:56	78782.69	394712.03	40.95	Soil	12,900	0.98
08/20/2021	16:46:57	78782.63	394712.21	40.96	Soil	13,740	1.56
08/20/2021	16:46:58	78782.73	394712.40	40.99	Soil	13,740	1.56
08/20/2021	16:46:59	78782.55	394712.60	41.00	Soil	10,260	-0.88
08/20/2021	16:47:00	78782.74	394712.75	41.03	Soil	11,100	-0.29
08/20/2021	16:47:01	78782.72	394712.86	41.04	Soil	12,240	0.51
08/20/2021	16:47:02	78782.58	394713.04	41.09	Soil	12,000	0.34
08/20/2021	16:47:03	78782.40	394713.13	41.08	Soil	11,460	-0.04
08/20/2021	16:47:04	78782.00	394713.19	41.10	Soil	13,500	1.40
08/20/2021	16:47:05	78782.07	394713.06	41.06	Soil	11,520	0.01
08/20/2021	16:47:06	78782.02	394712.78	40.96	Soil	13,200	1.19
08/20/2021	16:47:07	78782.25	394712.64	40.97	Soil	11,340	-0.12
08/20/2021	16:47:08	78782.25	394712.37	40.95	Soil	13,140	1.14
08/20/2021	16:47:09	78782.44	394712.18	40.95	Soil	10,620	-0.62
08/20/2021	16:47:10	78782.38	394711.86	40.94	Soil	11,160	-0.25
08/20/2021	16:47:11	78782.50	394711.71	40.92	Soil	13,620	1.48
08/20/2021	16:47:12	78782.53	394711.49	40.91	Soil	10,380	-0.79
08/20/2021	16:47:13	78782.59	394711.29	40.91	Soil	13,740	1.56
08/20/2021	16:47:14	78782.59	394711.06	40.91	Soil	14,280	1.94
08/20/2021	16:47:15	78782.57	394710.84	40.91	Soil	11,400	-0.08
08/20/2021	16:47:16	78782.68	394710.68	40.90	Soil	13,020	1.06
08/20/2021	16:47:17	78782.61	394710.45	40.92	Soil	12,120	0.43
08/20/2021	16:47:18	78782.71	394710.24	40.90	Soil	13,080	1.10
08/20/2021	16:47:19	78782.56	394710.02	40.89	Soil	12,900	0.98
08/20/2021	16:47:20	78782.64	394709.81	40.86	Soil	12,000	0.34
08/20/2021	16:47:21	78782.55	394709.56	40.84	Soil	13,620	1.48
08/20/2021	16:47:22	78782.62	394709.38	40.81	Soil	11,700	0.13
08/20/2021	16:47:23	78782.63	394709.08	40.77	Soil	11,760	0.18
08/20/2021	16:47:24	78782.68	394708.78	40.77	Soil	11,700	0.13
08/20/2021	16:47:25	78782.94	394708.76	40.79	Soil	12,480	0.68
08/20/2021	16:47:26	78783.27	394708.62	40.77	Soil	11,400	-0.08
08/20/2021	16:47:27	78783.24	394708.78	40.79	Soil	11,400	-0.08
08/20/2021	16:47:28	78783.47	394708.96	40.81	Soil	12,060	0.39
08/20/2021	16:47:29	78783.41	394709.12	40.83	Soil	13,980	1.73

SU 7D GWS RESULTS
(SOIL)

08/20/2021	16:47:30	78783.54	394709.29	40.83	Soil	12,840	0.93
08/20/2021	16:47:31	78783.48	394709.44	40.85	Soil	13,920	1.69
08/20/2021	16:47:32	78783.48	394709.60	40.86	Soil	13,260	1.23
08/20/2021	16:47:33	78783.48	394709.78	40.88	Soil	11,460	-0.04
08/20/2021	17:03:02	78769.13	394720.76	41.27	Soil	12,120	0.43
08/20/2021	17:03:03	78769.11	394720.87	41.28	Soil	13,500	1.40
08/20/2021	17:03:04	78769.25	394720.92	41.26	Soil	11,880	0.26
08/20/2021	17:03:05	78769.41	394720.94	41.22	Soil	12,420	0.64
08/20/2021	17:03:06	78769.57	394721.03	41.18	Soil	13,500	1.40
08/20/2021	17:03:07	78769.75	394721.16	41.17	Soil	12,660	0.81
08/20/2021	17:03:08	78769.96	394721.27	41.18	Soil	11,580	0.05
08/20/2021	17:03:09	78770.17	394721.32	41.20	Soil	13,860	1.65
08/20/2021	17:03:10	78770.30	394721.45	41.20	Soil	11,700	0.13
08/20/2021	17:03:11	78770.46	394721.54	41.20	Soil	14,880	2.36
08/20/2021	17:03:12	78770.62	394721.63	41.17	Soil	10,860	-0.46
08/20/2021	17:03:13	78770.77	394721.72	41.17	Soil	11,400	-0.08
08/20/2021	17:03:14	78770.90	394721.84	41.17	Soil	14,580	2.15
08/20/2021	17:03:15	78771.06	394721.91	41.19	Soil	11,700	0.13
08/20/2021	17:03:16	78771.26	394721.97	41.16	Soil	12,360	0.60
08/20/2021	17:03:17	78771.46	394722.05	41.18	Soil	11,280	-0.16
08/20/2021	17:03:18	78771.64	394722.19	41.19	Soil	13,380	1.31
08/20/2021	17:03:19	78771.88	394722.29	41.26	Soil	11,880	0.26
08/20/2021	17:03:20	78772.10	394722.42	41.20	Soil	11,760	0.18
08/20/2021	17:03:21	78772.23	394722.57	41.15	Soil	13,140	1.14
08/20/2021	17:03:22	78772.39	394722.65	41.13	Soil	10,680	-0.58
08/20/2021	17:03:23	78772.56	394722.69	41.12	Soil	12,240	0.51
08/20/2021	17:03:24	78772.71	394722.73	41.09	Soil	11,820	0.22
08/20/2021	17:03:25	78772.87	394722.82	41.06	Soil	10,980	-0.37
08/20/2021	17:03:26	78773.06	394722.93	41.03	Soil	11,700	0.13
08/20/2021	17:03:27	78773.22	394723.08	41.00	Soil	12,540	0.72
08/20/2021	17:03:28	78773.38	394723.20	40.96	Soil	10,680	-0.58
08/20/2021	17:03:29	78773.50	394723.40	40.95	Soil	12,900	0.98
08/20/2021	17:03:30	78773.70	394723.50	40.82	Soil	11,820	0.22
08/20/2021	17:03:31	78773.91	394723.53	40.81	Soil	11,700	0.13
08/20/2021	17:03:32	78773.96	394723.53	40.84	Soil	11,820	0.22
08/20/2021	17:03:33	78774.03	394723.48	40.78	Soil	11,820	0.22
08/20/2021	17:03:34	78774.08	394723.46	40.81	Soil	12,420	0.64
08/20/2021	17:03:35	78773.94	394723.41	40.84	Soil	11,820	0.22
08/20/2021	17:03:36	78773.85	394723.27	40.91	Soil	10,800	-0.50
08/20/2021	17:03:37	78773.72	394723.19	41.00	Soil	10,980	-0.37
08/20/2021	17:03:38	78773.57	394723.16	41.03	Soil	10,920	-0.41
08/20/2021	17:03:39	78773.48	394723.08	41.02	Soil	12,540	0.72
08/20/2021	17:03:40	78773.31	394722.96	41.05	Soil	11,760	0.18
08/20/2021	17:03:41	78773.11	394722.85	41.06	Soil	11,520	0.01
08/20/2021	17:03:42	78772.95	394722.70	41.07	Soil	11,400	-0.08
08/20/2021	17:03:43	78772.76	394722.57	41.08	Soil	11,940	0.30
08/20/2021	17:03:44	78772.50	394722.44	41.14	Soil	11,400	-0.08
08/20/2021	17:03:45	78772.27	394722.34	41.23	Soil	11,880	0.26
08/20/2021	17:03:46	78772.13	394722.26	41.21	Soil	11,520	0.01
08/20/2021	17:03:47	78771.94	394722.15	41.17	Soil	12,960	1.02
08/20/2021	17:03:48	78771.73	394722.05	41.18	Soil	12,720	0.85

SU 7D GWS RESULTS
(SOIL)

08/20/2021	17:03:49	78771.51	394721.95	41.19	Soil	11,100	-0.29
08/20/2021	17:03:50	78771.29	394721.85	41.19	Soil	12,720	0.85
08/20/2021	17:03:51	78771.05	394721.70	41.19	Soil	10,800	-0.50
08/20/2021	17:03:52	78770.82	394721.55	41.20	Soil	11,580	0.05
08/20/2021	17:03:53	78770.57	394721.41	41.22	Soil	12,060	0.39
08/20/2021	17:03:54	78770.30	394721.31	41.22	Soil	13,920	1.69
08/20/2021	17:03:55	78770.03	394721.22	41.22	Soil	12,420	0.64
08/20/2021	17:03:56	78769.79	394721.06	41.24	Soil	11,940	0.30
08/20/2021	17:03:57	78769.61	394720.78	41.27	Soil	13,440	1.35
08/20/2021	17:03:58	78769.56	394720.66	41.30	Soil	11,340	-0.12
08/20/2021	17:03:59	78769.83	394720.64	41.29	Soil	12,540	0.72
08/20/2021	17:04:00	78770.03	394720.70	41.27	Soil	11,160	-0.25
08/20/2021	17:04:01	78770.16	394720.82	41.25	Soil	10,920	-0.41
08/20/2021	17:04:02	78770.30	394720.94	41.25	Soil	13,080	1.10
08/20/2021	17:04:03	78770.44	394721.09	41.25	Soil	11,880	0.26
08/20/2021	17:04:04	78770.64	394721.19	41.23	Soil	12,120	0.43
08/20/2021	17:04:05	78770.83	394721.34	41.20	Soil	10,980	-0.37
08/20/2021	17:04:06	78771.07	394721.45	41.20	Soil	13,440	1.35
08/20/2021	17:04:07	78771.28	394721.56	41.22	Soil	12,300	0.55
08/20/2021	17:04:08	78771.49	394721.65	41.20	Soil	10,380	-0.79
08/20/2021	17:04:09	78771.69	394721.78	41.20	Soil	11,220	-0.20
08/20/2021	17:04:10	78771.90	394721.90	41.21	Soil	11,100	-0.29
08/20/2021	17:04:11	78772.08	394722.04	41.26	Soil	12,240	0.51
08/20/2021	17:04:12	78772.27	394722.15	41.19	Soil	11,760	0.18
08/20/2021	17:04:13	78772.53	394722.22	41.14	Soil	11,640	0.09
08/20/2021	17:04:14	78772.75	394722.33	41.12	Soil	12,840	0.93
08/20/2021	17:04:15	78772.92	394722.45	41.13	Soil	13,980	1.73
08/20/2021	17:04:16	78773.09	394722.58	41.11	Soil	11,160	-0.25
08/20/2021	17:04:17	78773.29	394722.71	41.06	Soil	12,900	0.98
08/20/2021	17:04:18	78773.46	394722.89	41.02	Soil	11,760	0.18
08/20/2021	17:04:19	78773.63	394723.03	41.02	Soil	11,640	0.09
08/20/2021	17:04:20	78773.72	394723.05	41.04	Soil	12,780	0.89
08/20/2021	17:04:21	78773.92	394722.90	40.99	Soil	10,740	-0.54
08/20/2021	17:04:22	78773.99	394722.84	41.00	Soil	12,600	0.76
08/20/2021	17:04:23	78773.85	394722.74	41.02	Soil	13,320	1.27
08/20/2021	17:04:24	78773.67	394722.68	41.02	Soil	11,580	0.05
08/20/2021	17:04:25	78773.47	394722.61	41.03	Soil	12,420	0.64
08/20/2021	17:04:26	78773.33	394722.51	41.06	Soil	12,900	0.98
08/20/2021	17:04:27	78773.16	394722.42	41.04	Soil	13,560	1.44
08/20/2021	17:04:28	78772.97	394722.33	41.07	Soil	11,940	0.30
08/20/2021	17:04:29	78772.76	394722.28	41.08	Soil	12,360	0.60
08/20/2021	17:04:30	78772.57	394722.24	41.15	Soil	13,200	1.19
08/20/2021	17:04:31	78772.35	394722.18	41.24	Soil	12,480	0.68
08/20/2021	17:04:32	78772.17	394722.06	41.21	Soil	14,460	2.07
08/20/2021	17:04:33	78771.95	394721.97	41.19	Soil	10,860	-0.46
08/20/2021	17:04:34	78771.73	394721.78	41.20	Soil	11,640	0.09
08/20/2021	17:04:35	78771.48	394721.66	41.19	Soil	12,240	0.51
08/20/2021	17:04:36	78771.25	394721.50	41.21	Soil	12,120	0.43
08/20/2021	17:04:37	78771.00	394721.35	41.22	Soil	11,160	-0.25
08/20/2021	17:04:38	78770.80	394721.15	41.23	Soil	11,580	0.05
08/20/2021	17:04:39	78770.58	394720.97	41.21	Soil	12,240	0.51

SU 7D GWS RESULTS
(SOIL)

08/20/2021	17:04:40	78770.39	394720.78	41.20	Soil	12,840	0.93
08/20/2021	17:04:41	78770.27	394720.72	41.21	Soil	12,960	1.02
08/20/2021	17:04:42	78770.09	394720.66	41.20	Soil	11,520	0.01
08/20/2021	17:04:43	78769.91	394720.43	41.21	Soil	11,400	-0.08
08/20/2021	17:04:44	78769.80	394720.26	41.20	Soil	10,320	-0.84
08/20/2021	17:04:45	78769.97	394720.04	41.21	Soil	10,620	-0.62
08/20/2021	17:04:46	78770.13	394720.00	41.19	Soil	12,180	0.47
08/20/2021	17:04:47	78770.27	394720.10	41.18	Soil	12,960	1.02
08/20/2021	17:04:48	78770.41	394720.23	41.17	Soil	13,260	1.23
08/20/2021	17:04:49	78770.55	394720.40	41.13	Soil	12,060	0.39
08/20/2021	17:04:50	78770.71	394720.51	41.11	Soil	12,180	0.47
08/20/2021	17:04:51	78770.87	394720.62	41.10	Soil	13,380	1.31
08/20/2021	17:04:52	78771.10	394720.72	41.09	Soil	11,100	-0.29
08/20/2021	17:04:53	78771.28	394720.85	41.08	Soil	11,940	0.30
08/20/2021	17:04:54	78771.54	394720.93	41.08	Soil	11,160	-0.25
08/20/2021	17:04:55	78771.77	394721.09	41.08	Soil	12,120	0.43
08/20/2021	17:04:56	78771.98	394721.25	41.08	Soil	12,720	0.85
08/20/2021	17:04:57	78772.23	394721.35	41.08	Soil	11,400	-0.08
08/20/2021	17:04:58	78772.45	394721.44	41.11	Soil	10,920	-0.41
08/20/2021	17:04:59	78772.68	394721.58	41.07	Soil	12,600	0.76
08/20/2021	17:05:00	78772.87	394721.68	40.99	Soil	10,740	-0.54
08/20/2021	17:05:01	78773.03	394721.72	40.97	Soil	11,460	-0.04
08/20/2021	17:05:02	78773.18	394721.85	40.94	Soil	11,460	-0.04
08/20/2021	17:05:03	78773.36	394722.05	40.93	Soil	13,260	1.23
08/20/2021	17:05:04	78773.55	394722.19	40.88	Soil	11,760	0.18
08/20/2021	17:05:05	78773.77	394722.36	40.87	Soil	12,180	0.47
08/20/2021	17:05:06	78773.99	394722.54	40.87	Soil	12,840	0.93
08/20/2021	17:05:07	78774.17	394722.53	40.88	Soil	10,920	-0.41
08/20/2021	17:05:08	78774.19	394722.58	40.85	Soil	10,260	-0.88
08/20/2021	17:05:09	78774.30	394722.75	40.72	Soil	12,120	0.43
08/20/2021	17:05:10	78774.45	394722.92	40.57	Soil	11,940	0.30
08/20/2021	17:05:11	78774.35	394722.91	40.63	Soil	13,200	1.19
08/20/2021	17:05:12	78774.24	394722.73	40.85	Soil	10,860	-0.46
08/20/2021	17:05:13	78774.13	394722.74	40.85	Soil	12,540	0.72
08/20/2021	17:05:14	78773.95	394722.74	40.88	Soil	10,560	-0.67
08/20/2021	17:05:15	78773.76	394722.62	40.90	Soil	12,180	0.47
08/20/2021	17:05:16	78773.56	394722.50	40.91	Soil	11,280	-0.16
08/20/2021	17:05:17	78773.44	394722.35	40.96	Soil	11,640	0.09
08/20/2021	17:05:18	78773.27	394722.23	40.95	Soil	12,360	0.60
08/20/2021	17:05:19	78773.09	394722.08	40.97	Soil	13,020	1.06
08/20/2021	17:05:20	78772.84	394721.99	41.04	Soil	11,400	-0.08
08/20/2021	17:05:21	78772.60	394721.91	41.11	Soil	12,060	0.39
08/20/2021	17:05:22	78772.45	394721.84	41.11	Soil	11,160	-0.25
08/20/2021	17:05:23	78772.30	394721.75	41.09	Soil	11,700	0.13
08/20/2021	17:05:24	78772.10	394721.74	41.05	Soil	11,040	-0.33
08/20/2021	17:05:25	78771.96	394721.67	41.06	Soil	11,220	-0.20
08/20/2021	17:05:26	78771.83	394721.62	41.06	Soil	12,720	0.85
08/20/2021	17:05:27	78771.70	394721.52	41.06	Soil	12,840	0.93
08/20/2021	17:05:28	78771.56	394721.39	41.06	Soil	10,440	-0.75
08/20/2021	17:05:29	78771.36	394721.27	41.07	Soil	11,760	0.18
08/20/2021	17:05:30	78771.18	394721.15	41.06	Soil	13,200	1.19

SU 7D GWS RESULTS
(SOIL)

08/20/2021	17:05:31	78771.04	394721.04	41.09	Soil	10,680	-0.58
08/20/2021	17:05:32	78770.86	394720.99	41.08	Soil	12,720	0.85
08/20/2021	17:05:33	78770.68	394720.91	41.07	Soil	12,000	0.34
08/20/2021	17:05:34	78770.46	394720.86	41.05	Soil	11,520	0.01
08/20/2021	17:05:35	78770.27	394720.80	41.07	Soil	10,980	-0.37
08/20/2021	17:05:36	78770.04	394720.74	41.11	Soil	10,260	-0.88
08/20/2021	17:05:37	78769.80	394720.61	41.12	Soil	11,040	-0.33
08/20/2021	17:05:38	78769.68	394720.43	41.07	Soil	10,620	-0.62
08/20/2021	17:05:39	78769.84	394720.18	41.07	Soil	13,680	1.52
08/20/2021	17:05:40	78770.07	394720.06	41.08	Soil	11,100	-0.29
08/20/2021	17:05:41	78770.27	394720.07	41.08	Soil	12,540	0.72
08/20/2021	17:05:42	78770.34	394720.30	41.09	Soil	12,900	0.98
08/20/2021	17:05:43	78770.40	394720.55	41.06	Soil	12,060	0.39
08/20/2021	17:05:44	78770.53	394720.67	41.05	Soil	11,340	-0.12
08/20/2021	17:05:45	78770.70	394720.68	41.05	Soil	12,600	0.76
08/20/2021	17:05:46	78770.90	394720.71	41.01	Soil	11,460	-0.04
08/20/2021	17:05:47	78771.08	394720.78	41.00	Soil	12,060	0.39
08/20/2021	17:05:48	78771.26	394720.86	40.98	Soil	10,200	-0.92
08/20/2021	17:05:49	78771.43	394720.90	40.98	Soil	12,180	0.47
08/20/2021	17:05:50	78771.60	394720.98	40.98	Soil	10,740	-0.54
08/20/2021	17:05:51	78771.76	394721.06	40.96	Soil	11,160	-0.25
08/20/2021	17:05:52	78771.90	394721.18	40.96	Soil	11,040	-0.33
08/20/2021	17:05:53	78772.11	394721.28	40.97	Soil	10,980	-0.37
08/20/2021	17:05:54	78772.37	394721.40	41.02	Soil	11,880	0.26
08/20/2021	17:05:55	78772.57	394721.55	40.94	Soil	11,220	-0.20
08/20/2021	17:05:56	78772.81	394721.63	40.88	Soil	11,400	-0.08
08/20/2021	17:05:57	78773.03	394721.74	40.85	Soil	12,060	0.39
08/20/2021	17:05:58	78773.17	394721.88	40.85	Soil	10,680	-0.58
08/20/2021	17:05:59	78773.38	394721.96	40.84	Soil	13,380	1.31
08/20/2021	17:06:00	78773.57	394722.08	40.78	Soil	12,660	0.81
08/20/2021	17:06:01	78773.81	394722.20	40.80	Soil	12,360	0.60
08/20/2021	17:06:02	78774.01	394722.29	40.79	Soil	10,620	-0.62
08/20/2021	17:06:03	78774.29	394722.31	40.71	Soil	11,100	-0.29
08/20/2021	17:06:04	78774.49	394722.30	40.73	Soil	11,400	-0.08
08/20/2021	17:06:05	78774.59	394722.20	40.66	Soil	12,360	0.60
08/20/2021	17:06:06	78774.69	394722.11	40.64	Soil	11,100	-0.29
08/20/2021	17:06:07	78774.55	394722.10	40.72	Soil	13,080	1.10
08/20/2021	17:06:08	78774.31	394722.05	40.76	Soil	12,000	0.34
08/20/2021	17:06:09	78774.14	394721.94	40.76	Soil	12,540	0.72
08/20/2021	17:06:10	78773.98	394721.86	40.77	Soil	13,140	1.14
08/20/2021	17:06:11	78773.87	394721.77	40.79	Soil	11,880	0.26
08/20/2021	17:06:12	78773.71	394721.73	40.81	Soil	12,960	1.02
08/20/2021	17:06:13	78773.51	394721.65	40.80	Soil	13,260	1.23
08/20/2021	17:06:14	78773.36	394721.57	40.80	Soil	10,680	-0.58
08/20/2021	17:06:15	78773.22	394721.52	40.78	Soil	10,560	-0.67
08/20/2021	17:06:16	78773.14	394721.40	40.77	Soil	11,700	0.13
08/20/2021	17:06:17	78773.00	394721.45	40.84	Soil	12,180	0.47
08/20/2021	17:06:18	78772.84	394721.39	40.88	Soil	11,460	-0.04
08/20/2021	17:06:19	78772.79	394721.16	40.88	Soil	12,960	1.02
08/20/2021	17:06:20	78772.66	394721.16	40.87	Soil	15,180	2.58
08/20/2021	17:06:21	78772.46	394721.15	40.85	Soil	14,280	1.94

SU 7D GWS RESULTS
(SOIL)

08/20/2021	17:06:22	78772.32	394721.11	40.85	Soil	11,820	0.22
08/20/2021	17:06:23	78772.17	394721.06	40.84	Soil	12,240	0.51
08/20/2021	17:06:24	78772.00	394720.97	40.85	Soil	12,720	0.85
08/20/2021	17:06:25	78771.79	394720.91	40.85	Soil	11,400	-0.08
08/20/2021	17:06:26	78771.62	394720.74	40.86	Soil	12,420	0.64
08/20/2021	17:06:27	78771.44	394720.58	40.87	Soil	12,540	0.72
08/20/2021	17:06:28	78771.28	394720.42	40.88	Soil	11,520	0.01
08/20/2021	17:06:29	78771.06	394720.31	40.88	Soil	11,340	-0.12
08/20/2021	17:06:30	78770.89	394720.22	40.89	Soil	12,240	0.51
08/20/2021	17:06:31	78770.71	394720.17	40.92	Soil	13,140	1.14
08/20/2021	17:06:32	78770.53	394720.06	40.92	Soil	12,360	0.60
08/20/2021	17:06:33	78770.30	394719.98	40.92	Soil	11,700	0.13
08/20/2021	17:06:34	78770.10	394719.86	40.92	Soil	11,460	-0.04
08/20/2021	17:06:35	78770.01	394719.77	40.91	Soil	13,140	1.14
08/20/2021	17:06:36	78770.17	394719.51	40.92	Soil	11,940	0.30
08/20/2021	17:06:37	78770.23	394719.36	40.93	Soil	11,520	0.01
08/20/2021	17:06:38	78770.26	394719.47	40.94	Soil	12,900	0.98
08/20/2021	17:06:39	78770.39	394719.62	40.94	Soil	12,360	0.60
08/20/2021	17:06:40	78770.53	394719.73	40.95	Soil	11,940	0.30
08/20/2021	17:06:41	78770.64	394719.84	40.95	Soil	11,700	0.13
08/20/2021	17:06:42	78770.81	394719.96	40.96	Soil	10,560	-0.67
08/20/2021	17:06:43	78770.95	394720.09	40.98	Soil	11,400	-0.08
08/20/2021	17:06:44	78771.16	394720.17	40.98	Soil	11,640	0.09
08/20/2021	17:06:45	78771.34	394720.30	40.99	Soil	12,240	0.51
08/20/2021	17:06:46	78771.60	394720.36	40.99	Soil	12,240	0.51
08/20/2021	17:06:47	78771.82	394720.45	40.99	Soil	12,480	0.68
08/20/2021	17:06:48	78772.00	394720.53	41.00	Soil	10,860	-0.46
08/20/2021	17:06:49	78772.16	394720.62	41.00	Soil	11,880	0.26
08/20/2021	17:06:50	78772.31	394720.73	41.01	Soil	12,060	0.39
08/20/2021	17:06:51	78772.45	394720.81	41.00	Soil	12,480	0.68
08/20/2021	17:06:52	78772.54	394720.97	41.00	Soil	16,920	3.80
08/20/2021	17:06:53	78772.68	394721.12	40.98	Soil	11,820	0.22
08/20/2021	17:06:54	78772.92	394721.19	40.95	Soil	13,860	1.65
08/20/2021	17:06:55	78773.05	394721.31	40.91	Soil	11,760	0.18
08/20/2021	17:06:56	78773.21	394721.37	40.90	Soil	12,360	0.60
08/20/2021	17:06:57	78773.33	394721.50	40.89	Soil	12,660	0.81
08/20/2021	17:06:58	78773.55	394721.59	40.86	Soil	11,340	-0.12
08/20/2021	17:06:59	78773.81	394721.67	40.83	Soil	11,400	-0.08
08/20/2021	17:07:00	78774.06	394721.74	40.77	Soil	13,080	1.10
08/20/2021	17:07:01	78774.22	394721.92	40.75	Soil	10,620	-0.62
08/20/2021	17:07:02	78774.28	394722.02	40.76	Soil	11,340	-0.12
08/20/2021	17:07:03	78774.10	394722.16	40.78	Soil	13,380	1.31
08/20/2021	17:07:04	78773.96	394722.22	40.78	Soil	13,740	1.56
08/20/2021	17:07:05	78773.79	394722.17	40.79	Soil	12,060	0.39
08/20/2021	17:07:06	78773.64	394722.16	40.82	Soil	11,040	-0.33
08/20/2021	17:07:07	78773.50	394722.05	40.83	Soil	11,760	0.18
08/20/2021	17:07:08	78773.27	394722.03	40.85	Soil	12,780	0.89
08/20/2021	17:07:09	78773.16	394721.90	40.86	Soil	13,140	1.14
08/20/2021	17:07:10	78773.02	394721.90	40.86	Soil	11,580	0.05
08/20/2021	17:07:11	78772.89	394721.86	40.90	Soil	10,920	-0.41
08/20/2021	17:07:12	78772.75	394721.63	40.97	Soil	11,880	0.26

SU 7D GWS RESULTS
(SOIL)

08/20/2021	17:07:13	78772.54	394721.48	40.99	Soil	12,960	1.02
08/20/2021	17:07:14	78772.36	394721.39	40.96	Soil	12,660	0.81
08/20/2021	17:07:15	78772.21	394721.25	40.95	Soil	12,840	0.93
08/20/2021	17:07:16	78772.17	394721.16	40.96	Soil	10,680	-0.58
08/20/2021	17:07:17	78772.08	394721.25	40.96	Soil	11,700	0.13
08/20/2021	17:07:18	78772.12	394721.11	40.95	Soil	11,700	0.13
08/20/2021	17:07:19	78772.22	394720.87	40.95	Soil	12,120	0.43
08/20/2021	17:07:20	78772.15	394720.97	40.95	Soil	11,340	-0.12
08/20/2021	17:07:21	78772.06	394721.00	40.95	Soil	12,900	0.98
08/20/2021	17:07:22	78771.95	394720.88	40.96	Soil	10,680	-0.58
08/20/2021	17:07:23	78771.73	394720.88	40.96	Soil	12,360	0.60
08/20/2021	17:07:24	78771.60	394720.77	40.96	Soil	12,480	0.68
08/20/2021	17:07:25	78771.49	394720.66	40.98	Soil	12,060	0.39
08/20/2021	17:07:26	78771.32	394720.60	40.98	Soil	11,160	-0.25
08/20/2021	17:07:27	78771.22	394720.44	40.98	Soil	12,540	0.72
08/20/2021	17:07:28	78771.06	394720.39	40.99	Soil	11,340	-0.12
08/20/2021	17:07:29	78770.96	394720.28	41.00	Soil	10,500	-0.71
08/20/2021	17:07:30	78770.88	394720.12	41.02	Soil	10,980	-0.37
08/20/2021	17:07:31	78770.96	394719.98	41.02	Soil	13,920	1.69
08/20/2021	17:07:32	78771.13	394720.07	41.01	Soil	12,840	0.93
08/20/2021	17:07:33	78771.26	394720.06	41.01	Soil	10,560	-0.67
08/20/2021	17:07:34	78771.31	394720.02	41.02	Soil	12,600	0.76
08/20/2021	17:07:35	78771.38	394720.17	41.00	Soil	10,980	-0.37
08/20/2021	17:07:36	78771.51	394720.09	41.00	Soil	11,880	0.26
08/20/2021	17:07:37	78771.64	394720.18	40.99	Soil	9,840	-1.17
08/20/2021	17:07:38	78771.71	394720.27	40.99	Soil	11,340	-0.12
08/20/2021	17:07:39	78771.74	394720.24	40.99	Soil	10,620	-0.62
08/20/2021	17:07:40	78771.73	394720.39	40.98	Soil	12,900	0.98
08/20/2021	17:07:41	78771.84	394720.42	40.97	Soil	14,160	1.86
08/20/2021	17:07:42	78771.96	394720.44	40.96	Soil	11,460	-0.04
08/20/2021	17:07:43	78771.90	394720.56	40.97	Soil	11,280	-0.16
08/20/2021	17:07:44	78771.79	394720.46	40.99	Soil	11,040	-0.33
08/20/2021	17:07:45	78771.80	394720.35	40.99	Soil	12,420	0.64
08/20/2021	17:07:46	78771.85	394720.51	40.99	Soil	11,940	0.30
08/20/2021	17:07:47	78771.89	394720.68	40.98	Soil	10,920	-0.41
08/20/2021	17:07:48	78772.11	394720.80	40.97	Soil	10,200	-0.92
08/20/2021	17:07:49	78772.28	394721.01	40.97	Soil	12,360	0.60
08/20/2021	17:07:50	78772.56	394721.12	41.00	Soil	12,720	0.85
08/20/2021	17:07:51	78772.70	394721.31	40.94	Soil	12,660	0.81
08/20/2021	17:07:52	78772.91	394721.41	40.91	Soil	13,500	1.40
08/20/2021	17:07:53	78773.09	394721.57	40.90	Soil	12,660	0.81
08/20/2021	17:07:54	78773.25	394721.75	40.88	Soil	11,400	-0.08
08/20/2021	17:07:55	78773.40	394721.93	40.83	Soil	11,340	-0.12
08/20/2021	17:07:56	78773.63	394722.08	40.80	Soil	12,600	0.76
08/20/2021	17:07:57	78773.84	394722.16	40.79	Soil	10,080	-1.00
08/20/2021	17:07:58	78774.07	394722.02	40.80	Soil	11,280	-0.16
08/20/2021	17:07:59	78774.19	394721.94	40.82	Soil	12,840	0.93
08/20/2021	17:08:00	78774.22	394721.67	40.84	Soil	11,760	0.18
08/20/2021	17:08:01	78774.29	394721.57	40.83	Soil	11,220	-0.20
08/20/2021	17:08:02	78774.16	394721.56	40.83	Soil	12,060	0.39
08/20/2021	17:08:03	78774.10	394721.43	40.84	Soil	10,740	-0.54

SU 7D GWS RESULTS
(SOIL)

08/20/2021	17:08:04	78773.96	394721.35	40.86	Soil	11,940	0.30
08/20/2021	17:08:05	78773.82	394721.26	40.87	Soil	10,200	-0.92
08/20/2021	17:08:06	78773.61	394721.22	40.88	Soil	12,420	0.64
08/20/2021	17:08:07	78773.45	394721.15	40.88	Soil	11,100	-0.29
08/20/2021	17:08:08	78773.31	394721.06	40.90	Soil	11,940	0.30
08/20/2021	17:08:09	78773.10	394720.97	40.99	Soil	13,380	1.31
08/20/2021	17:08:10	78772.93	394720.84	40.96	Soil	13,320	1.27
08/20/2021	17:08:11	78772.83	394720.77	40.95	Soil	12,120	0.43
08/20/2021	17:08:12	78772.70	394720.74	40.94	Soil	13,800	1.61
08/20/2021	17:08:13	78772.55	394720.70	40.94	Soil	12,240	0.51
08/20/2021	17:08:14	78772.43	394720.57	40.95	Soil	12,000	0.34
08/20/2021	17:08:15	78772.24	394720.51	40.95	Soil	14,520	2.11
08/20/2021	17:08:16	78772.15	394720.36	40.96	Soil	10,920	-0.41
08/20/2021	17:08:17	78771.97	394720.33	40.97	Soil	11,940	0.30
08/20/2021	17:08:18	78771.87	394720.25	40.97	Soil	11,760	0.18
08/20/2021	17:08:19	78771.72	394720.19	40.99	Soil	11,940	0.30
08/20/2021	17:08:20	78771.56	394720.11	41.00	Soil	12,720	0.85
08/20/2021	17:08:21	78771.44	394720.00	41.01	Soil	12,240	0.51
08/20/2021	17:08:22	78771.29	394719.92	41.00	Soil	13,200	1.19
08/20/2021	17:08:23	78771.18	394719.80	41.01	Soil	12,540	0.72
08/20/2021	17:08:24	78770.98	394719.71	41.00	Soil	12,480	0.68
08/20/2021	17:08:25	78770.83	394719.57	41.02	Soil	12,000	0.34
08/20/2021	17:08:26	78770.65	394719.52	41.03	Soil	10,320	-0.84
08/20/2021	17:08:27	78770.66	394719.20	41.02	Soil	14,100	1.82
08/20/2021	17:08:28	78770.60	394718.99	41.03	Soil	10,740	-0.54
08/20/2021	17:08:29	78770.60	394719.09	41.03	Soil	12,480	0.68
08/20/2021	17:08:30	78770.72	394719.16	41.02	Soil	13,020	1.06
08/20/2021	17:08:31	78770.92	394719.23	41.02	Soil	14,040	1.78
08/20/2021	17:08:32	78771.02	394719.41	41.01	Soil	11,940	0.30
08/20/2021	17:08:33	78771.15	394719.48	41.02	Soil	10,980	-0.37
08/20/2021	17:08:34	78771.23	394719.59	41.00	Soil	11,760	0.18
08/20/2021	17:08:35	78771.33	394719.69	40.99	Soil	13,320	1.27
08/20/2021	17:08:36	78771.47	394719.73	40.98	Soil	12,480	0.68
08/20/2021	17:08:37	78771.62	394719.85	40.98	Soil	12,120	0.43
08/20/2021	17:08:38	78771.84	394719.89	40.95	Soil	11,640	0.09
08/20/2021	17:08:39	78772.02	394720.05	40.94	Soil	12,420	0.64
08/20/2021	17:08:40	78772.26	394720.17	40.94	Soil	9,840	-1.17
08/20/2021	17:08:41	78772.43	394720.32	40.95	Soil	12,120	0.43
08/20/2021	17:08:42	78772.64	394720.44	40.95	Soil	12,480	0.68
08/20/2021	17:08:43	78772.76	394720.63	40.92	Soil	12,840	0.93
08/20/2021	17:08:44	78773.00	394720.77	40.91	Soil	12,060	0.39
08/20/2021	17:08:45	78773.28	394720.89	40.87	Soil	12,240	0.51
08/20/2021	17:08:46	78773.41	394720.97	40.85	Soil	12,120	0.43
08/20/2021	17:08:47	78773.62	394721.04	40.84	Soil	11,340	-0.12
08/20/2021	17:08:48	78773.77	394721.17	40.83	Soil	11,580	0.05
08/20/2021	17:08:49	78773.98	394721.26	40.81	Soil	12,000	0.34
08/20/2021	17:08:50	78774.09	394721.48	40.78	Soil	11,280	-0.16
08/20/2021	17:08:51	78774.27	394721.70	40.72	Soil	12,540	0.72
08/20/2021	17:08:52	78774.38	394721.96	40.66	Soil	12,360	0.60
08/20/2021	17:08:53	78774.63	394722.02	40.50	Soil	11,760	0.18
08/20/2021	17:08:54	78774.79	394722.13	40.52	Soil	13,320	1.27

SU 7D GWS RESULTS
(SOIL)

08/20/2021	17:08:55	78774.71	394722.08	40.62	Soil	12,300	0.55
08/20/2021	17:08:56	78774.71	394721.74	40.78	Soil	12,120	0.43
08/20/2021	17:08:57	78774.72	394721.33	40.79	Soil	10,140	-0.96
08/20/2021	17:08:58	78774.78	394721.30	40.79	Soil	12,360	0.60
08/20/2021	17:08:59	78774.74	394721.40	40.75	Soil	11,160	-0.25
08/20/2021	17:09:00	78774.53	394721.70	40.67	Soil	13,920	1.69
08/20/2021	17:09:01	78774.50	394721.78	40.68	Soil	11,940	0.30
08/20/2021	17:09:02	78774.62	394721.56	40.72	Soil	12,720	0.85
08/20/2021	17:09:03	78774.66	394721.33	40.77	Soil	11,700	0.13
08/20/2021	17:09:04	78774.50	394721.33	40.77	Soil	11,940	0.30
08/20/2021	17:09:05	78774.50	394721.21	40.79	Soil	13,260	1.23
08/20/2021	17:09:06	78774.40	394721.14	40.82	Soil	12,420	0.64
08/20/2021	17:09:07	78774.34	394721.05	40.83	Soil	13,080	1.10
08/20/2021	17:09:08	78774.25	394721.01	40.84	Soil	13,500	1.40
08/20/2021	17:09:09	78774.14	394720.98	40.85	Soil	12,660	0.81
08/20/2021	17:09:10	78774.06	394720.90	40.84	Soil	13,200	1.19
08/20/2021	17:09:11	78773.95	394720.92	40.83	Soil	12,000	0.34
08/20/2021	17:09:12	78773.90	394720.84	40.83	Soil	12,900	0.98
08/20/2021	17:09:13	78773.72	394720.85	40.83	Soil	10,680	-0.58
08/20/2021	17:09:14	78773.63	394720.80	40.84	Soil	13,260	1.23
08/20/2021	17:09:15	78773.46	394720.84	40.85	Soil	13,500	1.40
08/20/2021	17:09:16	78773.33	394720.69	40.97	Soil	13,500	1.40
08/20/2021	17:09:17	78773.20	394720.58	40.94	Soil	15,120	2.53
08/20/2021	17:09:18	78773.04	394720.52	40.93	Soil	16,140	3.25
08/20/2021	17:09:19	78772.95	394720.41	40.93	Soil	10,440	-0.75
08/20/2021	17:09:20	78772.79	394720.34	40.92	Soil	11,880	0.26
08/20/2021	17:09:21	78772.69	394720.17	40.93	Soil	12,840	0.93
08/20/2021	17:09:22	78772.50	394720.07	40.92	Soil	13,740	1.56
08/20/2021	17:09:23	78772.35	394719.95	40.93	Soil	13,140	1.14
08/20/2021	17:09:24	78772.14	394719.93	40.95	Soil	12,660	0.81
08/20/2021	17:09:25	78772.03	394719.83	40.96	Soil	12,840	0.93
08/20/2021	17:09:26	78771.81	394719.80	40.97	Soil	12,300	0.55
08/20/2021	17:09:27	78771.63	394719.67	40.96	Soil	12,720	0.85
08/20/2021	17:09:28	78771.42	394719.64	40.95	Soil	12,240	0.51
08/20/2021	17:09:29	78771.27	394719.49	40.94	Soil	10,560	-0.67
08/20/2021	17:09:30	78771.03	394719.34	40.96	Soil	12,180	0.47
08/20/2021	17:09:31	78770.90	394719.06	40.97	Soil	13,320	1.27
08/20/2021	17:09:32	78770.83	394718.79	40.96	Soil	11,700	0.13
08/20/2021	17:09:33	78770.86	394718.75	40.95	Soil	13,380	1.31
08/20/2021	17:09:34	78771.02	394718.73	40.95	Soil	11,340	-0.12
08/20/2021	17:09:35	78771.19	394718.81	40.94	Soil	10,200	-0.92
08/20/2021	17:09:36	78771.39	394718.84	40.94	Soil	11,940	0.30
08/20/2021	17:09:37	78771.47	394719.02	40.93	Soil	13,080	1.10
08/20/2021	17:09:38	78771.57	394719.12	40.92	Soil	11,700	0.13
08/20/2021	17:09:39	78771.49	394719.30	40.92	Soil	14,160	1.86
08/20/2021	17:09:40	78771.44	394719.27	40.89	Soil	11,880	0.26
08/20/2021	17:09:41	78771.26	394719.16	40.91	Soil	12,240	0.51
08/20/2021	17:09:42	78771.14	394719.04	40.91	Soil	13,980	1.73
08/20/2021	17:09:43	78771.15	394719.04	40.90	Soil	12,840	0.93
08/20/2021	17:09:44	78771.29	394719.16	40.89	Soil	13,620	1.48
08/20/2021	17:09:45	78771.47	394719.31	40.88	Soil	11,640	0.09

SU 7D GWS RESULTS
(SOIL)

08/20/2021	17:09:46	78771.69	394719.41	40.87	Soil	11,820	0.22
08/20/2021	17:09:47	78771.85	394719.56	40.86	Soil	12,900	0.98
08/20/2021	17:09:48	78772.06	394719.65	40.85	Soil	12,540	0.72
08/20/2021	17:09:49	78772.15	394719.82	40.85	Soil	11,760	0.18
08/20/2021	17:09:50	78772.33	394719.89	40.84	Soil	12,420	0.64
08/20/2021	17:09:51	78772.55	394719.98	40.84	Soil	12,780	0.89
08/20/2021	17:09:52	78772.76	394720.08	40.83	Soil	12,480	0.68
08/20/2021	17:09:53	78772.95	394720.23	40.84	Soil	14,640	2.20
08/20/2021	17:09:54	78773.13	394720.31	40.87	Soil	11,340	-0.12
08/20/2021	17:09:55	78773.26	394720.40	40.83	Soil	12,120	0.43
08/20/2021	17:09:56	78773.45	394720.63	40.77	Soil	12,720	0.85
08/20/2021	17:09:57	78773.67	394720.58	40.73	Soil	12,120	0.43
08/20/2021	17:09:58	78773.83	394720.69	40.73	Soil	12,540	0.72
08/20/2021	17:09:59	78774.04	394720.72	40.73	Soil	12,840	0.93
08/20/2021	17:10:00	78774.18	394720.87	40.70	Soil	11,400	-0.08
08/20/2021	17:10:01	78774.45	394720.92	40.68	Soil	11,760	0.18
08/20/2021	17:10:02	78774.67	394721.00	40.69	Soil	12,840	0.93
08/20/2021	17:10:03	78774.77	394720.91	40.71	Soil	12,960	1.02
08/20/2021	17:10:04	78774.85	394720.86	40.72	Soil	11,760	0.18
08/20/2021	17:10:05	78774.75	394720.85	40.72	Soil	11,640	0.09
08/20/2021	17:10:06	78774.60	394720.75	40.75	Soil	11,700	0.13
08/20/2021	17:10:07	78774.41	394720.61	40.76	Soil	12,240	0.51
08/20/2021	17:10:08	78774.21	394720.52	40.77	Soil	14,100	1.82
08/20/2021	17:10:09	78774.12	394720.36	40.76	Soil	12,720	0.85
08/20/2021	17:10:10	78773.93	394720.27	40.82	Soil	12,120	0.43
08/20/2021	17:10:11	78773.81	394720.13	40.85	Soil	10,140	-0.96
08/20/2021	17:10:12	78773.74	394719.92	40.78	Soil	13,620	1.48
08/20/2021	17:10:13	78773.48	394719.87	40.79	Soil	10,860	-0.46
08/20/2021	17:10:14	78773.26	394719.80	40.80	Soil	12,420	0.64
08/20/2021	17:10:15	78773.02	394719.71	40.83	Soil	11,280	-0.16
08/20/2021	17:10:16	78772.76	394719.56	40.85	Soil	11,280	-0.16
08/20/2021	17:10:17	78772.55	394719.39	40.86	Soil	12,300	0.55
08/20/2021	17:10:18	78772.35	394719.29	40.86	Soil	12,360	0.60
08/20/2021	17:10:19	78772.25	394719.09	40.86	Soil	13,140	1.14
08/20/2021	17:10:20	78772.05	394718.96	40.87	Soil	13,080	1.10
08/20/2021	17:10:21	78771.86	394718.82	40.87	Soil	12,060	0.39
08/20/2021	17:10:22	78771.66	394718.70	40.91	Soil	13,620	1.48
08/20/2021	17:10:23	78771.43	394718.64	40.92	Soil	13,320	1.27
08/20/2021	17:10:24	78771.18	394718.71	40.94	Soil	13,380	1.31
08/20/2021	17:10:25	78771.03	394718.84	40.94	Soil	10,980	-0.37
08/20/2021	17:10:26	78771.16	394718.86	40.95	Soil	12,000	0.34
08/20/2021	17:10:27	78771.39	394718.94	40.95	Soil	12,540	0.72
08/20/2021	17:10:28	78771.56	394719.06	40.95	Soil	12,060	0.39
08/20/2021	17:10:29	78771.76	394719.16	40.94	Soil	11,940	0.30
08/20/2021	17:10:30	78771.97	394719.28	40.94	Soil	14,580	2.15
08/20/2021	17:10:31	78772.14	394719.40	40.94	Soil	12,540	0.72
08/20/2021	17:10:32	78772.29	394719.53	40.93	Soil	13,560	1.44
08/20/2021	17:10:33	78772.49	394719.66	40.92	Soil	12,960	1.02
08/20/2021	17:10:34	78772.66	394719.81	40.92	Soil	12,720	0.85
08/20/2021	17:10:35	78772.85	394719.98	40.92	Soil	12,660	0.81
08/20/2021	17:10:36	78773.05	394720.12	40.95	Soil	12,360	0.60

SU 7D GWS RESULTS
(SOIL)

08/20/2021	17:10:37	78773.30	394720.30	40.96	Soil	12,060	0.39
08/20/2021	17:10:38	78773.44	394720.54	40.88	Soil	12,660	0.81
08/20/2021	17:10:39	78773.78	394720.56	40.83	Soil	12,660	0.81
08/20/2021	17:10:40	78773.99	394720.67	40.85	Soil	10,620	-0.62
08/20/2021	17:10:41	78774.21	394720.67	40.80	Soil	11,220	-0.20
08/20/2021	17:10:42	78774.34	394720.82	40.84	Soil	13,440	1.35
08/20/2021	17:10:43	78774.54	394720.73	40.83	Soil	11,580	0.05
08/20/2021	17:10:44	78774.66	394720.72	40.84	Soil	12,660	0.81
08/20/2021	17:10:45	78774.49	394720.69	40.85	Soil	12,900	0.98
08/20/2021	17:10:46	78774.31	394720.60	40.85	Soil	11,700	0.13
08/20/2021	17:10:47	78774.03	394720.55	40.86	Soil	12,420	0.64
08/20/2021	17:10:48	78773.82	394720.51	40.91	Soil	13,080	1.10
08/20/2021	17:10:49	78773.56	394720.52	40.95	Soil	13,980	1.73
08/20/2021	17:10:50	78773.38	394720.33	40.95	Soil	12,780	0.89
08/20/2021	17:10:51	78773.13	394720.37	40.94	Soil	13,320	1.27
08/20/2021	17:10:52	78772.98	394720.21	40.93	Soil	12,720	0.85
08/20/2021	17:10:53	78772.74	394720.12	40.92	Soil	13,680	1.52
08/20/2021	17:10:54	78772.55	394719.88	40.95	Soil	13,260	1.23
08/20/2021	17:10:55	78772.36	394719.71	40.95	Soil	12,000	0.34
08/20/2021	17:10:56	78772.54	394719.55	40.95	Soil	11,760	0.18
08/20/2021	17:10:57	78772.70	394719.38	40.95	Soil	12,000	0.34
08/20/2021	17:10:58	78772.82	394719.53	40.92	Soil	12,060	0.39
08/20/2021	17:10:59	78773.06	394719.67	40.93	Soil	13,740	1.56
08/20/2021	17:11:00	78773.18	394719.91	40.95	Soil	12,900	0.98
08/20/2021	17:11:01	78773.31	394720.15	40.95	Soil	13,680	1.52
08/20/2021	17:11:02	78773.52	394720.34	40.88	Soil	11,760	0.18
08/20/2021	17:11:03	78773.80	394720.47	40.86	Soil	12,060	0.39
08/20/2021	17:11:04	78774.09	394720.59	40.85	Soil	12,240	0.51
08/20/2021	17:11:05	78774.35	394720.70	40.81	Soil	11,280	-0.16
08/20/2021	17:11:06	78774.54	394720.87	40.80	Soil	12,060	0.39
08/20/2021	17:11:07	78774.80	394720.72	40.81	Soil	10,620	-0.62
08/20/2021	17:11:08	78774.98	394720.66	40.81	Soil	12,900	0.98
08/20/2021	17:11:09	78774.99	394720.71	40.80	Soil	11,460	-0.04
08/20/2021	17:11:10	78775.02	394720.63	40.80	Soil	11,880	0.26
08/20/2021	17:11:11	78774.83	394720.60	40.83	Soil	12,480	0.68
08/20/2021	17:11:12	78774.61	394720.50	40.84	Soil	12,000	0.34
08/20/2021	17:11:13	78774.40	394720.45	40.84	Soil	13,020	1.06
08/20/2021	17:11:14	78774.26	394720.25	40.84	Soil	14,880	2.36
08/20/2021	17:11:15	78774.01	394720.12	40.90	Soil	11,100	-0.29
08/20/2021	17:11:16	78773.85	394719.86	40.88	Soil	11,940	0.30
08/20/2021	17:11:17	78773.59	394719.79	40.87	Soil	12,180	0.47
08/20/2021	17:11:18	78773.45	394719.64	40.87	Soil	11,820	0.22
08/20/2021	17:11:19	78773.24	394719.58	40.89	Soil	12,660	0.81
08/20/2021	17:11:20	78773.10	394719.49	40.90	Soil	12,000	0.34
08/20/2021	17:11:21	78772.90	394719.39	40.92	Soil	13,380	1.31
08/20/2021	17:11:22	78772.71	394719.25	40.93	Soil	12,600	0.76
08/20/2021	17:11:23	78772.51	394719.21	40.93	Soil	10,980	-0.37
08/20/2021	17:11:24	78772.34	394719.09	40.93	Soil	12,300	0.55
08/20/2021	17:11:25	78772.13	394718.96	40.93	Soil	13,320	1.27
08/20/2021	17:11:26	78771.94	394718.82	40.93	Soil	11,400	-0.08
08/20/2021	17:11:27	78771.72	394718.67	40.93	Soil	14,940	2.41

SU 7D GWS RESULTS
(SOIL)

08/20/2021	17:11:28	78771.62	394718.46	40.93	Soil	14,100	1.82
08/20/2021	17:11:29	78771.58	394718.14	40.94	Soil	13,020	1.06
08/20/2021	17:11:30	78771.52	394717.96	40.95	Soil	11,640	0.09
08/20/2021	17:11:31	78771.53	394718.07	40.94	Soil	12,540	0.72
08/20/2021	17:11:32	78771.64	394717.97	40.94	Soil	12,300	0.55
08/20/2021	17:11:33	78771.62	394717.93	40.93	Soil	11,760	0.18
08/20/2021	17:11:34	78771.57	394718.01	40.91	Soil	12,540	0.72
08/20/2021	17:11:35	78771.61	394718.13	40.90	Soil	13,740	1.56
08/20/2021	17:11:36	78771.73	394718.21	40.88	Soil	11,460	-0.04
08/20/2021	17:11:37	78771.77	394718.36	40.88	Soil	12,060	0.39
08/20/2021	17:11:38	78771.91	394718.40	40.88	Soil	12,060	0.39
08/20/2021	17:11:39	78771.95	394718.54	40.87	Soil	12,300	0.55
08/20/2021	17:11:40	78772.13	394718.64	40.87	Soil	12,060	0.39
08/20/2021	17:11:41	78772.23	394718.81	40.87	Soil	12,000	0.34
08/20/2021	17:11:42	78772.44	394718.87	40.86	Soil	12,900	0.98
08/20/2021	17:11:43	78772.57	394719.02	40.85	Soil	12,240	0.51
08/20/2021	17:11:44	78772.76	394719.12	40.84	Soil	12,660	0.81
08/20/2021	17:11:45	78772.92	394719.30	40.81	Soil	11,100	-0.29
08/20/2021	17:11:46	78773.19	394719.42	40.80	Soil	13,620	1.48
08/20/2021	17:11:47	78773.42	394719.65	40.83	Soil	12,540	0.72
08/20/2021	17:11:48	78773.72	394719.77	40.79	Soil	11,340	-0.12
08/20/2021	17:11:49	78773.91	394719.96	40.76	Soil	11,580	0.05
08/20/2021	17:11:50	78774.16	394720.05	40.75	Soil	11,640	0.09
08/20/2021	17:11:51	78774.30	394720.23	40.75	Soil	13,320	1.27
08/20/2021	17:11:52	78774.54	394720.38	40.71	Soil	14,160	1.86
08/20/2021	17:11:53	78774.68	394720.54	40.70	Soil	10,860	-0.46
08/20/2021	17:11:54	78774.83	394720.53	40.69	Soil	10,560	-0.67
08/20/2021	17:11:55	78774.95	394720.58	40.69	Soil	11,940	0.30
08/20/2021	17:11:56	78775.00	394720.53	40.68	Soil	11,700	0.13
08/20/2021	17:11:57	78775.07	394720.56	40.67	Soil	12,660	0.81
08/20/2021	17:11:58	78775.01	394720.66	40.67	Soil	11,580	0.05
08/20/2021	17:11:59	78775.02	394720.61	40.66	Soil	12,120	0.43
08/20/2021	17:12:00	78774.97	394720.47	40.68	Soil	11,400	-0.08
08/20/2021	17:12:01	78774.80	394720.35	40.69	Soil	11,460	-0.04
08/20/2021	17:12:02	78774.65	394720.17	40.70	Soil	11,460	-0.04
08/20/2021	17:12:03	78774.51	394720.03	40.69	Soil	10,980	-0.37
08/20/2021	17:12:04	78774.33	394719.87	40.70	Soil	14,400	2.03
08/20/2021	17:12:05	78774.09	394719.72	40.74	Soil	10,380	-0.79
08/20/2021	17:12:06	78773.92	394719.55	40.74	Soil	11,760	0.18
08/20/2021	17:12:07	78773.72	394719.43	40.77	Soil	11,700	0.13
08/20/2021	17:12:08	78773.53	394719.32	40.79	Soil	11,640	0.09
08/20/2021	17:12:09	78773.34	394719.19	40.79	Soil	13,740	1.56
08/20/2021	17:12:10	78773.15	394719.08	40.81	Soil	12,780	0.89
08/20/2021	17:12:11	78772.97	394718.96	40.80	Soil	12,420	0.64
08/20/2021	17:12:12	78772.77	394718.86	40.81	Soil	12,780	0.89
08/20/2021	17:12:13	78772.55	394718.73	40.81	Soil	14,100	1.82
08/20/2021	17:12:14	78772.30	394718.65	40.81	Soil	12,300	0.55
08/20/2021	17:12:15	78772.07	394718.46	40.81	Soil	12,360	0.60
08/20/2021	17:12:16	78771.80	394718.29	40.82	Soil	12,000	0.34
08/20/2021	17:12:17	78771.75	394718.00	40.82	Soil	12,780	0.89
08/20/2021	17:12:18	78771.74	394717.68	40.83	Soil	13,140	1.14

SU 7D GWS RESULTS
(SOIL)

08/20/2021	17:12:19	78771.69	394717.74	40.82	Soil	14,160	1.86
08/20/2021	17:12:20	78771.75	394717.77	40.82	Soil	12,120	0.43
08/20/2021	17:12:21	78771.98	394717.82	40.81	Soil	13,020	1.06
08/20/2021	17:12:22	78772.06	394718.01	40.80	Soil	11,820	0.22
08/20/2021	17:12:23	78772.23	394718.10	40.78	Soil	11,700	0.13
08/20/2021	17:12:24	78772.33	394718.31	40.77	Soil	12,180	0.47
08/20/2021	17:12:25	78772.53	394718.46	40.75	Soil	11,940	0.30
08/20/2021	17:12:26	78772.62	394718.66	40.74	Soil	11,520	0.01
08/20/2021	17:12:27	78772.86	394718.76	40.72	Soil	12,060	0.39
08/20/2021	17:12:28	78773.00	394718.94	40.72	Soil	11,460	-0.04
08/20/2021	17:12:29	78773.31	394719.04	40.71	Soil	14,160	1.86
08/20/2021	17:12:30	78773.53	394719.23	40.70	Soil	13,080	1.10
08/20/2021	17:12:31	78773.79	394719.33	40.74	Soil	12,120	0.43
08/20/2021	17:12:32	78774.00	394719.58	40.69	Soil	11,940	0.30
08/20/2021	17:12:33	78774.24	394719.64	40.66	Soil	12,540	0.72
08/20/2021	17:12:34	78774.37	394719.84	40.67	Soil	13,020	1.06
08/20/2021	17:12:35	78774.65	394720.01	40.64	Soil	12,660	0.81
08/20/2021	17:12:36	78774.83	394720.22	40.60	Soil	13,020	1.06
08/20/2021	17:12:37	78774.99	394720.35	40.59	Soil	12,300	0.55
08/20/2021	17:12:38	78775.08	394720.30	40.59	Soil	11,580	0.05
08/20/2021	17:12:39	78775.17	394720.17	40.58	Soil	10,800	-0.50
08/20/2021	17:12:40	78775.19	394720.19	40.57	Soil	12,660	0.81
08/20/2021	17:12:41	78775.16	394720.19	40.58	Soil	10,080	-1.00
08/20/2021	17:12:42	78775.14	394720.05	40.63	Soil	11,880	0.26
08/20/2021	17:12:43	78774.94	394720.06	40.64	Soil	11,700	0.13
08/20/2021	17:12:44	78774.85	394719.92	40.65	Soil	11,820	0.22
08/20/2021	17:12:45	78774.59	394719.93	40.64	Soil	12,900	0.98
08/20/2021	17:12:46	78774.50	394719.77	40.65	Soil	14,040	1.78
08/20/2021	17:12:47	78774.31	394719.71	40.71	Soil	12,060	0.39
08/20/2021	17:12:48	78774.06	394719.64	40.73	Soil	11,160	-0.25
08/20/2021	17:12:49	78773.99	394719.52	40.71	Soil	12,120	0.43
08/20/2021	17:12:50	78773.79	394719.42	40.70	Soil	11,580	0.05
08/20/2021	17:12:51	78773.66	394719.22	40.71	Soil	12,060	0.39
08/20/2021	17:12:52	78773.47	394719.05	40.73	Soil	13,620	1.48
08/20/2021	17:12:53	78773.29	394718.87	40.73	Soil	11,160	-0.25
08/20/2021	17:12:54	78773.17	394718.71	40.72	Soil	13,140	1.14
08/20/2021	17:12:55	78773.06	394718.56	40.73	Soil	12,060	0.39
08/20/2021	17:12:56	78772.89	394718.44	40.73	Soil	10,740	-0.54
08/20/2021	17:12:57	78772.79	394718.25	40.74	Soil	12,720	0.85
08/20/2021	17:12:58	78772.57	394718.16	40.74	Soil	13,380	1.31
08/20/2021	17:12:59	78772.44	394717.99	40.75	Soil	10,740	-0.54
08/20/2021	17:13:00	78772.18	394717.84	40.74	Soil	11,640	0.09
08/20/2021	17:13:01	78772.24	394717.50	40.75	Soil	11,940	0.30
08/20/2021	17:13:02	78772.22	394717.29	40.74	Soil	12,300	0.55
08/20/2021	17:13:03	78772.29	394717.45	40.77	Soil	13,620	1.48
08/20/2021	17:13:04	78772.55	394717.46	40.77	Soil	12,180	0.47
08/20/2021	17:13:05	78772.61	394717.61	40.76	Soil	12,180	0.47
08/20/2021	17:13:06	78772.68	394717.74	40.76	Soil	10,800	-0.50
08/20/2021	17:13:07	78772.81	394717.81	40.75	Soil	11,760	0.18
08/20/2021	17:13:08	78772.82	394717.98	40.73	Soil	11,340	-0.12
08/20/2021	17:13:09	78772.96	394718.05	40.72	Soil	12,720	0.85

SU 7D GWS RESULTS
(SOIL)

08/20/2021	17:13:10	78772.72	394718.10	40.72	Soil	10,260	-0.88
08/20/2021	17:13:11	78772.52	394717.93	40.74	Soil	10,620	-0.62
08/20/2021	17:13:12	78772.34	394717.90	40.72	Soil	11,460	-0.04
08/20/2021	17:13:13	78772.22	394717.75	40.73	Soil	10,980	-0.37
08/20/2021	17:13:14	78772.20	394717.71	40.73	Soil	12,720	0.85
08/20/2021	17:13:15	78772.39	394717.76	40.73	Soil	12,420	0.64
08/20/2021	17:13:16	78772.64	394717.85	40.73	Soil	13,080	1.10
08/20/2021	17:13:17	78772.87	394717.95	40.73	Soil	10,440	-0.75
08/20/2021	17:13:18	78772.97	394718.14	40.72	Soil	11,520	0.01
08/20/2021	17:13:19	78773.13	394718.30	40.71	Soil	14,340	1.99
08/20/2021	17:13:20	78773.30	394718.48	40.69	Soil	14,220	1.90
08/20/2021	17:13:21	78773.49	394718.60	40.69	Soil	11,940	0.30
08/20/2021	17:13:22	78773.69	394718.77	40.68	Soil	12,840	0.93
08/20/2021	17:13:23	78773.92	394718.95	40.69	Soil	12,540	0.72
08/20/2021	17:13:24	78774.25	394719.09	40.67	Soil	12,180	0.47
08/20/2021	17:13:25	78774.33	394719.32	40.63	Soil	11,400	-0.08
08/20/2021	17:13:26	78774.51	394719.29	40.61	Soil	9,960	-1.09
08/20/2021	17:13:27	78774.55	394719.45	40.58	Soil	11,520	0.01
08/20/2021	17:13:28	78774.76	394719.54	40.58	Soil	13,380	1.31
08/20/2021	17:13:29	78774.87	394719.77	40.54	Soil	13,860	1.65
08/20/2021	17:13:30	78775.13	394719.95	40.51	Soil	11,940	0.30
08/20/2021	17:13:31	78775.03	394720.21	40.48	Soil	12,360	0.60
08/20/2021	17:13:32	78774.98	394720.46	40.48	Soil	12,420	0.64
08/20/2021	17:13:33	78774.95	394720.32	40.50	Soil	11,580	0.05
08/20/2021	17:13:34	78774.76	394720.26	40.49	Soil	11,940	0.30
08/20/2021	17:13:35	78774.61	394720.14	40.51	Soil	13,380	1.31
08/20/2021	17:13:36	78774.49	394719.99	40.51	Soil	11,880	0.26
08/20/2021	17:13:37	78774.30	394719.87	40.52	Soil	12,480	0.68
08/20/2021	17:13:38	78774.08	394719.75	40.59	Soil	11,640	0.09
08/20/2021	17:13:39	78773.98	394719.54	40.58	Soil	10,740	-0.54
08/20/2021	17:13:40	78773.98	394719.33	40.58	Soil	12,180	0.47
08/20/2021	17:13:41	78774.02	394719.17	40.58	Soil	11,880	0.26
08/20/2021	17:13:42	78774.02	394719.15	40.60	Soil	12,480	0.68
08/20/2021	17:13:43	78774.07	394719.21	40.61	Soil	11,280	-0.16
08/20/2021	17:13:44	78774.23	394719.35	40.66	Soil	11,460	-0.04
08/20/2021	17:13:45	78774.33	394719.34	40.60	Soil	12,660	0.81
08/20/2021	17:13:46	78774.32	394719.53	40.60	Soil	12,240	0.51
08/20/2021	17:13:47	78774.42	394719.49	40.58	Soil	11,880	0.26
08/20/2021	17:13:48	78774.50	394719.46	40.56	Soil	12,180	0.47
08/20/2021	17:13:49	78774.40	394719.62	40.53	Soil	11,520	0.01
08/20/2021	17:13:50	78774.32	394719.59	40.57	Soil	13,200	1.19
08/20/2021	17:13:51	78774.12	394719.35	40.56	Soil	10,800	-0.50
08/20/2021	17:13:52	78773.88	394719.31	40.57	Soil	12,480	0.68
08/20/2021	17:13:53	78773.61	394719.10	40.57	Soil	10,680	-0.58
08/20/2021	17:13:54	78773.27	394718.93	40.56	Soil	10,500	-0.71
08/20/2021	17:13:55	78773.02	394718.65	40.58	Soil	13,080	1.10
08/20/2021	17:13:56	78772.67	394718.44	40.59	Soil	12,180	0.47
08/20/2021	17:13:57	78772.36	394718.14	40.59	Soil	11,700	0.13
08/20/2021	17:13:58	78772.21	394717.82	40.58	Soil	12,180	0.47
08/20/2021	17:13:59	78772.09	394717.53	40.59	Soil	12,900	0.98
08/20/2021	17:14:00	78772.15	394717.50	40.61	Soil	12,180	0.47

SU 7D GWS RESULTS
(SOIL)

08/20/2021	17:14:01	78772.30	394717.55	40.61	Soil	11,700	0.13
08/20/2021	17:14:02	78772.46	394717.69	40.61	Soil	9,960	-1.09
08/20/2021	17:14:03	78772.67	394717.76	40.62	Soil	13,680	1.52
08/20/2021	17:14:04	78772.84	394717.85	40.61	Soil	10,980	-0.37
08/20/2021	17:14:05	78773.00	394718.00	40.61	Soil	12,720	0.85
08/20/2021	17:14:06	78773.21	394718.07	40.59	Soil	11,700	0.13
08/20/2021	17:14:07	78773.31	394718.26	40.58	Soil	11,940	0.30
08/20/2021	17:14:08	78773.54	394718.35	40.56	Soil	11,700	0.13
08/20/2021	17:14:09	78773.64	394718.57	40.57	Soil	11,640	0.09
08/20/2021	17:14:10	78773.88	394718.67	40.59	Soil	10,980	-0.37
08/20/2021	17:14:11	78773.98	394718.90	40.63	Soil	11,700	0.13
08/20/2021	17:14:12	78774.28	394719.01	40.61	Soil	11,400	-0.08
08/20/2021	17:14:13	78774.32	394719.24	40.53	Soil	12,840	0.93
08/20/2021	17:14:14	78774.56	394719.30	40.50	Soil	12,060	0.39
08/20/2021	17:14:15	78774.63	394719.48	40.49	Soil	10,680	-0.58
08/20/2021	17:14:16	78774.84	394719.55	40.49	Soil	10,500	-0.71
08/20/2021	17:14:17	78774.95	394719.71	40.42	Soil	13,380	1.31
08/20/2021	17:14:18	78775.12	394719.84	40.42	Soil	11,160	-0.25
08/20/2021	17:14:19	78775.27	394720.01	40.41	Soil	11,880	0.26
08/20/2021	17:14:20	78775.36	394720.01	40.40	Soil	13,800	1.61
08/20/2021	17:14:21	78775.41	394719.87	40.41	Soil	11,340	-0.12
08/20/2021	17:14:22	78775.40	394719.81	40.41	Soil	12,120	0.43
08/20/2021	17:14:23	78775.32	394719.74	40.43	Soil	13,920	1.69
08/20/2021	17:14:24	78775.19	394719.64	40.46	Soil	13,440	1.35
08/20/2021	17:14:25	78775.09	394719.44	40.47	Soil	11,700	0.13
08/20/2021	17:14:26	78774.82	394719.32	40.49	Soil	13,200	1.19
08/20/2021	17:14:27	78774.70	394719.10	40.58	Soil	11,940	0.30
08/20/2021	17:14:28	78774.43	394719.04	40.55	Soil	11,640	0.09
08/20/2021	17:14:29	78774.30	394718.80	40.55	Soil	10,980	-0.37
08/20/2021	17:14:30	78774.06	394718.67	40.54	Soil	12,360	0.60
08/20/2021	17:14:31	78773.92	394718.45	40.54	Soil	13,080	1.10
08/20/2021	17:14:32	78773.65	394718.35	40.53	Soil	12,660	0.81
08/20/2021	17:14:33	78773.50	394718.13	40.54	Soil	12,000	0.34
08/20/2021	17:14:34	78773.21	394718.04	40.55	Soil	11,760	0.18
08/20/2021	17:14:35	78773.02	394717.77	40.57	Soil	13,860	1.65
08/20/2021	17:14:36	78772.74	394717.62	40.56	Soil	12,900	0.98
08/20/2021	17:14:37	78772.61	394717.34	40.58	Soil	15,840	3.04
08/20/2021	17:14:38	78772.42	394717.16	40.58	Soil	13,440	1.35
08/20/2021	17:14:39	78772.65	394717.16	40.59	Soil	13,200	1.19
08/20/2021	17:14:40	78772.82	394717.04	40.59	Soil	11,220	-0.20
08/20/2021	17:14:41	78772.81	394717.19	40.59	Soil	13,620	1.48
08/20/2021	17:14:42	78772.93	394717.31	40.58	Soil	11,700	0.13
08/20/2021	17:14:43	78772.99	394717.46	40.57	Soil	12,360	0.60
08/20/2021	17:14:44	78773.13	394717.59	40.56	Soil	11,640	0.09
08/20/2021	17:14:45	78773.28	394717.77	40.53	Soil	11,400	-0.08
08/20/2021	17:14:46	78773.48	394717.89	40.52	Soil	10,320	-0.84
08/20/2021	17:14:47	78773.62	394718.13	40.50	Soil	10,920	-0.41
08/20/2021	17:14:48	78773.89	394718.26	40.50	Soil	12,840	0.93
08/20/2021	17:14:49	78774.03	394718.45	40.51	Soil	12,120	0.43
08/20/2021	17:14:50	78774.28	394718.52	40.55	Soil	12,000	0.34
08/20/2021	17:14:51	78774.51	394718.69	40.57	Soil	13,500	1.40

SU 7D GWS RESULTS
(SOIL)

08/20/2021	17:14:52	78774.74	394718.69	40.48	Soil	11,220	-0.20
08/20/2021	17:14:53	78774.86	394718.86	40.42	Soil	11,160	-0.25
08/20/2021	17:14:54	78775.10	394718.98	40.40	Soil	12,480	0.68
08/20/2021	17:14:55	78775.11	394719.19	40.40	Soil	10,620	-0.62
08/20/2021	17:14:56	78775.20	394719.23	40.38	Soil	11,940	0.30
08/20/2021	17:14:57	78775.32	394719.30	40.34	Soil	12,960	1.02
08/20/2021	17:14:58	78775.39	394719.54	40.29	Soil	12,480	0.68
08/20/2021	17:14:59	78775.52	394719.66	40.28	Soil	14,400	2.03
08/20/2021	17:15:00	78775.60	394719.62	40.25	Soil	10,320	-0.84
08/20/2021	17:15:01	78775.76	394719.51	40.25	Soil	13,080	1.10
08/20/2021	17:15:02	78775.73	394719.48	40.28	Soil	10,020	-1.05
08/20/2021	17:15:03	78775.67	394719.34	40.30	Soil	11,700	0.13
08/20/2021	17:15:04	78775.46	394719.23	40.29	Soil	12,480	0.68
08/20/2021	17:15:05	78775.38	394719.04	40.31	Soil	12,720	0.85
08/20/2021	17:15:06	78775.13	394718.91	40.34	Soil	11,340	-0.12
08/20/2021	17:15:07	78775.05	394718.70	40.42	Soil	13,620	1.48
08/20/2021	17:15:08	78774.85	394718.67	40.42	Soil	11,160	-0.25
08/20/2021	17:15:09	78774.78	394718.50	40.41	Soil	14,160	1.86
08/20/2021	17:15:10	78774.60	394718.47	40.41	Soil	12,660	0.81
08/20/2021	17:15:11	78774.51	394718.33	40.44	Soil	11,460	-0.04
08/20/2021	17:15:12	78774.33	394718.31	40.43	Soil	12,540	0.72
08/20/2021	17:15:13	78774.19	394718.13	40.43	Soil	12,420	0.64
08/20/2021	17:15:14	78773.95	394718.01	40.42	Soil	13,200	1.19
08/20/2021	17:15:15	78773.82	394717.78	40.43	Soil	12,900	0.98
08/20/2021	17:15:16	78773.56	394717.67	40.41	Soil	11,640	0.09
08/20/2021	17:15:17	78773.40	394717.40	40.42	Soil	13,140	1.14
08/20/2021	17:15:18	78773.11	394717.24	40.42	Soil	12,420	0.64
08/20/2021	17:15:19	78772.96	394717.04	40.44	Soil	13,140	1.14
08/20/2021	17:15:20	78772.77	394716.94	40.43	Soil	13,380	1.31
08/20/2021	17:15:21	78772.74	394716.63	40.43	Soil	14,640	2.20
08/20/2021	17:15:22	78772.69	394716.38	40.43	Soil	13,080	1.10
08/20/2021	17:15:23	78772.76	394716.43	40.44	Soil	12,300	0.55
08/20/2021	17:15:24	78772.86	394716.44	40.43	Soil	12,300	0.55
08/20/2021	17:15:25	78772.94	394716.59	40.43	Soil	15,000	2.45
08/20/2021	17:15:26	78773.03	394716.75	40.42	Soil	11,520	0.01
08/20/2021	17:15:27	78773.13	394716.89	40.42	Soil	12,120	0.43
08/20/2021	17:15:28	78773.29	394717.05	40.42	Soil	11,820	0.22
08/20/2021	17:15:29	78773.45	394717.23	40.40	Soil	10,860	-0.46
08/20/2021	17:15:30	78773.62	394717.42	40.40	Soil	11,040	-0.33
08/20/2021	17:15:31	78773.82	394717.53	40.38	Soil	11,460	-0.04
08/20/2021	17:15:32	78773.98	394717.71	40.38	Soil	11,640	0.09
08/20/2021	17:15:33	78774.21	394717.89	40.40	Soil	10,980	-0.37
08/20/2021	17:15:34	78774.48	394718.07	40.43	Soil	13,620	1.48
08/20/2021	17:15:35	78774.76	394718.29	40.42	Soil	13,020	1.06
08/20/2021	17:15:36	78774.92	394718.54	40.34	Soil	12,960	1.02
08/20/2021	17:15:37	78775.16	394718.59	40.28	Soil	12,180	0.47
08/20/2021	17:15:38	78775.37	394718.71	40.26	Soil	10,320	-0.84
08/20/2021	17:15:39	78775.65	394718.72	40.29	Soil	11,220	-0.20
08/20/2021	17:15:40	78775.82	394718.87	40.30	Soil	11,280	-0.16
08/20/2021	17:15:41	78775.84	394718.90	40.24	Soil	12,120	0.43
08/20/2021	17:15:42	78775.92	394718.85	40.24	Soil	13,680	1.52

SU 7D GWS RESULTS
(SOIL)

08/20/2021	17:15:43	78776.10	394718.92	40.24	Soil	14,160	1.86
08/20/2021	17:15:44	78775.96	394719.10	40.28	Soil	8,880	-1.85
08/20/2021	17:15:45	78775.74	394719.28	40.29	Soil	12,780	0.89
08/20/2021	17:15:46	78775.77	394719.21	40.30	Soil	11,040	-0.33
08/20/2021	17:15:47	78775.86	394718.98	40.31	Soil	12,900	0.98
08/20/2021	17:15:48	78775.76	394718.84	40.31	Soil	11,580	0.05
08/20/2021	17:15:49	78775.71	394718.67	40.30	Soil	13,140	1.14
08/20/2021	17:15:50	78775.78	394718.49	40.32	Soil	13,320	1.27
08/20/2021	17:15:51	78775.62	394718.49	40.30	Soil	11,340	-0.12
08/20/2021	17:15:52	78775.66	394718.45	40.33	Soil	13,380	1.31
08/20/2021	17:15:53	78775.45	394718.46	40.34	Soil	12,300	0.55
08/20/2021	17:15:54	78775.37	394718.29	40.46	Soil	11,340	-0.12
08/20/2021	17:15:55	78775.09	394718.29	40.45	Soil	13,080	1.10
08/20/2021	17:15:56	78775.05	394718.07	40.42	Soil	11,640	0.09
08/20/2021	17:15:57	78774.84	394717.96	40.41	Soil	13,020	1.06
08/20/2021	17:15:58	78774.75	394717.87	40.41	Soil	13,800	1.61
08/20/2021	17:15:59	78774.60	394717.79	40.41	Soil	11,820	0.22
08/20/2021	17:16:00	78774.46	394717.63	40.42	Soil	10,800	-0.50
08/20/2021	17:16:01	78774.29	394717.53	40.42	Soil	12,240	0.51
08/20/2021	17:16:02	78774.16	394717.40	40.42	Soil	12,000	0.34
08/20/2021	17:16:03	78773.88	394717.35	40.42	Soil	13,020	1.06
08/20/2021	17:16:04	78773.73	394717.14	40.43	Soil	12,120	0.43
08/20/2021	17:16:05	78773.50	394717.05	40.45	Soil	12,960	1.02
08/20/2021	17:16:06	78773.43	394716.85	40.46	Soil	12,840	0.93
08/20/2021	17:16:07	78773.15	394716.75	40.45	Soil	11,820	0.22
08/20/2021	17:16:08	78773.05	394716.51	40.48	Soil	12,840	0.93
08/20/2021	17:16:09	78772.78	394716.38	40.48	Soil	13,440	1.35
08/20/2021	17:16:10	78772.90	394716.25	40.51	Soil	13,380	1.31
08/20/2021	17:16:11	78772.94	394716.03	40.53	Soil	12,120	0.43
08/20/2021	17:16:12	78773.11	394716.03	40.55	Soil	12,900	0.98
08/20/2021	17:16:13	78773.19	394715.82	40.55	Soil	11,940	0.30
08/20/2021	17:16:14	78773.39	394715.79	40.55	Soil	12,600	0.76
08/20/2021	17:16:15	78773.48	394715.57	40.55	Soil	12,780	0.89
08/20/2021	17:16:16	78773.66	394715.49	40.55	Soil	13,380	1.31
08/20/2021	17:16:17	78773.77	394715.28	40.55	Soil	12,300	0.55
08/20/2021	17:16:18	78773.95	394715.22	40.56	Soil	12,120	0.43
08/20/2021	17:16:19	78774.02	394714.97	40.54	Soil	11,640	0.09
08/20/2021	17:16:20	78774.19	394714.96	40.55	Soil	15,300	2.66
08/20/2021	17:16:21	78774.24	394714.75	40.53	Soil	12,840	0.93
08/20/2021	17:16:22	78774.37	394714.66	40.53	Soil	13,980	1.73
08/20/2021	17:16:23	78774.47	394714.40	40.52	Soil	11,700	0.13
08/20/2021	17:16:24	78774.68	394714.29	40.51	Soil	12,780	0.89
08/20/2021	17:16:25	78774.76	394714.01	40.50	Soil	13,560	1.44
08/20/2021	17:16:26	78775.01	394713.99	40.48	Soil	13,740	1.56
08/20/2021	17:16:27	78775.29	394713.93	40.46	Soil	11,880	0.26
08/20/2021	17:16:28	78775.18	394714.00	40.47	Soil	13,380	1.31
08/20/2021	17:16:29	78775.19	394714.15	40.48	Soil	12,540	0.72
08/20/2021	17:16:30	78775.03	394714.14	40.47	Soil	13,200	1.19
08/20/2021	17:16:31	78774.97	394714.34	40.48	Soil	11,940	0.30
08/20/2021	17:16:32	78774.80	394714.38	40.46	Soil	11,340	-0.12
08/20/2021	17:16:33	78774.70	394714.47	40.46	Soil	12,900	0.98

SU 7D GWS RESULTS
(SOIL)

08/20/2021	17:16:34	78774.65	394714.69	40.47	Soil	14,820	2.32
08/20/2021	17:16:35	78774.47	394714.71	40.46	Soil	13,680	1.52
08/20/2021	17:16:36	78774.44	394714.93	40.44	Soil	13,380	1.31
08/20/2021	17:16:37	78774.26	394715.05	40.44	Soil	12,240	0.51
08/20/2021	17:16:38	78774.19	394715.28	40.43	Soil	12,420	0.64
08/20/2021	17:16:39	78774.00	394715.37	40.43	Soil	13,080	1.10
08/20/2021	17:16:40	78773.95	394715.58	40.43	Soil	10,800	-0.50
08/20/2021	17:16:41	78773.78	394715.66	40.43	Soil	12,180	0.47
08/20/2021	17:16:42	78773.73	394715.87	40.42	Soil	12,840	0.93
08/20/2021	17:16:43	78773.55	394715.98	40.41	Soil	12,300	0.55
08/20/2021	17:16:44	78773.49	394716.26	40.37	Soil	12,240	0.51
08/20/2021	17:16:45	78773.28	394716.41	40.36	Soil	12,120	0.43
08/20/2021	17:16:46	78773.18	394716.64	40.34	Soil	12,780	0.89
08/20/2021	17:16:47	78773.01	394716.80	40.34	Soil	13,560	1.44
08/20/2021	17:16:48	78772.89	394717.00	40.36	Soil	11,760	0.18
08/20/2021	17:16:49	78772.78	394717.11	40.36	Soil	12,060	0.39
08/20/2021	17:16:50	78772.75	394717.33	40.36	Soil	11,280	-0.16
08/20/2021	17:16:51	78772.75	394717.30	40.37	Soil	12,420	0.64
08/20/2021	17:16:52	78772.84	394717.17	40.38	Soil	12,960	1.02
08/20/2021	17:16:53	78772.98	394717.02	40.39	Soil	12,060	0.39
08/20/2021	17:16:54	78773.11	394716.87	40.42	Soil	13,260	1.23
08/20/2021	17:16:55	78773.31	394716.77	40.42	Soil	12,120	0.43
08/20/2021	17:16:56	78773.36	394716.54	40.42	Soil	14,520	2.11
08/20/2021	17:16:57	78773.55	394716.44	40.42	Soil	12,720	0.85
08/20/2021	17:16:58	78773.65	394716.23	40.43	Soil	12,600	0.76
08/20/2021	17:16:59	78773.85	394716.12	40.44	Soil	14,100	1.82
08/20/2021	17:17:00	78773.99	394715.89	40.44	Soil	12,720	0.85
08/20/2021	17:17:01	78774.22	394715.72	40.48	Soil	12,420	0.64
08/20/2021	17:17:02	78774.35	394715.49	40.48	Soil	11,460	-0.04
08/20/2021	17:17:03	78774.57	394715.34	40.48	Soil	12,300	0.55
08/20/2021	17:17:04	78774.71	394715.17	40.48	Soil	13,320	1.27
08/20/2021	17:17:05	78774.88	394714.99	40.47	Soil	12,420	0.64
08/20/2021	17:17:06	78775.08	394714.77	40.47	Soil	12,780	0.89
08/20/2021	17:17:07	78775.28	394714.58	40.47	Soil	12,120	0.43
08/20/2021	17:17:08	78775.44	394714.42	40.46	Soil	12,180	0.47
08/20/2021	17:17:09	78775.46	394714.37	40.46	Soil	12,600	0.76
08/20/2021	17:17:10	78775.26	394714.34	40.47	Soil	13,560	1.44
08/20/2021	17:17:11	78775.09	394714.40	40.48	Soil	11,880	0.26
08/20/2021	17:17:12	78774.91	394714.54	40.48	Soil	14,340	1.99
08/20/2021	17:17:13	78774.73	394714.68	40.48	Soil	12,120	0.43
08/20/2021	17:17:14	78774.53	394714.93	40.46	Soil	13,320	1.27
08/20/2021	17:17:15	78774.39	394715.22	40.47	Soil	12,600	0.76
08/20/2021	17:17:16	78774.19	394715.38	40.46	Soil	12,900	0.98
08/20/2021	17:17:17	78774.06	394715.63	40.47	Soil	11,040	-0.33
08/20/2021	17:17:18	78773.84	394715.77	40.48	Soil	10,980	-0.37
08/20/2021	17:17:19	78773.67	394716.03	40.47	Soil	13,560	1.44
08/20/2021	17:17:20	78773.42	394716.21	40.45	Soil	12,780	0.89
08/20/2021	17:17:21	78773.29	394716.47	40.46	Soil	14,160	1.86
08/20/2021	17:17:22	78773.02	394716.51	40.46	Soil	12,900	0.98
08/20/2021	17:17:23	78772.91	394716.76	40.47	Soil	12,420	0.64
08/20/2021	17:17:24	78772.82	394716.94	40.44	Soil	13,320	1.27

SU 7D GWS RESULTS
(SOIL)

08/20/2021	17:17:25	78772.92	394717.14	40.42	Soil	12,360	0.60
08/20/2021	17:17:26	78773.04	394717.23	40.41	Soil	11,520	0.01
08/20/2021	17:17:27	78773.16	394717.07	40.41	Soil	10,380	-0.79
08/20/2021	17:17:28	78773.36	394716.99	40.43	Soil	11,460	-0.04
08/20/2021	17:17:29	78773.44	394716.78	40.42	Soil	11,220	-0.20
08/20/2021	17:17:30	78773.66	394716.70	40.42	Soil	12,300	0.55
08/20/2021	17:17:31	78773.76	394716.43	40.41	Soil	12,780	0.89
08/20/2021	17:17:32	78773.95	394716.26	40.39	Soil	13,440	1.35
08/20/2021	17:17:33	78774.13	394716.13	40.38	Soil	12,600	0.76
08/20/2021	17:17:34	78774.29	394715.91	40.39	Soil	13,140	1.14
08/20/2021	17:17:35	78774.55	394715.76	40.39	Soil	13,560	1.44
08/20/2021	17:17:36	78774.68	394715.51	40.41	Soil	11,880	0.26
08/20/2021	17:17:37	78774.90	394715.38	40.43	Soil	12,180	0.47
08/20/2021	17:17:38	78774.98	394715.03	40.40	Soil	12,180	0.47
08/20/2021	17:17:39	78775.19	394714.88	40.43	Soil	12,240	0.51
08/20/2021	17:17:40	78775.33	394714.56	40.41	Soil	13,020	1.06
08/20/2021	17:17:41	78775.61	394714.49	40.40	Soil	12,900	0.98
08/20/2021	17:17:42	78775.89	394714.37	40.37	Soil	12,720	0.85
08/20/2021	17:17:43	78775.82	394714.59	40.36	Soil	12,060	0.39
08/20/2021	17:17:44	78775.73	394714.73	40.37	Soil	10,920	-0.41
08/20/2021	17:17:45	78775.60	394714.87	40.38	Soil	12,060	0.39
08/20/2021	17:17:46	78775.41	394714.93	40.40	Soil	16,500	3.50
08/20/2021	17:17:47	78775.28	394715.09	40.43	Soil	12,720	0.85
08/20/2021	17:17:48	78775.12	394715.25	40.42	Soil	13,680	1.52
08/20/2021	17:17:49	78775.04	394715.39	40.44	Soil	12,120	0.43
08/20/2021	17:17:50	78774.87	394715.51	40.43	Soil	13,680	1.52
08/20/2021	17:17:51	78774.76	394715.65	40.44	Soil	12,240	0.51
08/20/2021	17:17:52	78774.64	394715.88	40.44	Soil	13,140	1.14
08/20/2021	17:17:53	78774.46	394716.09	40.44	Soil	12,660	0.81
08/20/2021	17:17:54	78774.20	394716.20	40.44	Soil	11,100	-0.29
08/20/2021	17:17:55	78774.19	394716.49	40.42	Soil	12,000	0.34
08/20/2021	17:17:56	78774.00	394716.59	40.39	Soil	13,440	1.35
08/20/2021	17:17:57	78773.92	394716.87	40.36	Soil	12,660	0.81
08/20/2021	17:17:58	78773.72	394717.00	40.38	Soil	10,200	-0.92
08/20/2021	17:17:59	78773.74	394717.24	40.43	Soil	11,340	-0.12
08/20/2021	17:18:00	78773.57	394717.50	40.46	Soil	11,640	0.09
08/20/2021	17:18:01	78773.69	394717.28	40.48	Soil	12,840	0.93
08/20/2021	17:18:02	78773.90	394717.27	40.51	Soil	10,080	-1.00
08/20/2021	17:18:03	78773.98	394717.09	40.54	Soil	10,860	-0.46
08/20/2021	17:18:04	78774.07	394716.96	40.56	Soil	10,620	-0.62
08/20/2021	17:18:05	78774.26	394716.85	40.58	Soil	12,780	0.89
08/20/2021	17:18:06	78774.40	394716.68	40.59	Soil	13,740	1.56
08/20/2021	17:18:07	78774.45	394716.50	40.60	Soil	11,100	-0.29
08/20/2021	17:18:08	78774.55	394716.34	40.61	Soil	11,400	-0.08
08/20/2021	17:18:09	78774.66	394716.18	40.61	Soil	11,940	0.30
08/20/2021	17:18:10	78774.77	394716.04	40.63	Soil	11,880	0.26
08/20/2021	17:18:11	78774.85	394715.85	40.64	Soil	12,300	0.55
08/20/2021	17:18:12	78774.97	394715.72	40.64	Soil	12,900	0.98
08/20/2021	17:18:13	78775.09	394715.47	40.66	Soil	12,600	0.76
08/20/2021	17:18:14	78775.24	394715.29	40.65	Soil	12,840	0.93
08/20/2021	17:18:15	78775.39	394715.01	40.64	Soil	14,100	1.82

SU 7D GWS RESULTS
(SOIL)

08/20/2021	17:18:16	78775.62	394714.97	40.64	Soil	12,360	0.60
08/20/2021	17:18:17	78775.93	394714.89	40.62	Soil	11,460	-0.04
08/20/2021	17:18:18	78775.86	394714.98	40.60	Soil	12,480	0.68
08/20/2021	17:18:19	78775.87	394715.16	40.60	Soil	12,540	0.72
08/20/2021	17:18:20	78775.70	394715.19	40.59	Soil	12,900	0.98
08/20/2021	17:18:21	78775.64	394715.27	40.60	Soil	12,840	0.93
08/20/2021	17:18:22	78775.57	394715.44	40.61	Soil	14,340	1.99
08/20/2021	17:18:23	78775.37	394715.44	40.61	Soil	13,440	1.35
08/20/2021	17:18:24	78775.31	394715.66	40.60	Soil	10,260	-0.88
08/20/2021	17:18:25	78775.10	394715.76	40.59	Soil	12,780	0.89
08/20/2021	17:18:26	78775.10	394716.03	40.58	Soil	11,520	0.01
08/20/2021	17:18:27	78774.89	394716.15	40.56	Soil	16,320	3.38
08/20/2021	17:18:28	78774.87	394716.44	40.56	Soil	12,180	0.47
08/20/2021	17:18:29	78774.65	394716.56	40.56	Soil	14,760	2.28
08/20/2021	17:18:30	78774.50	394716.87	40.54	Soil	12,660	0.81
08/20/2021	17:18:31	78774.27	394717.02	40.54	Soil	12,540	0.72
08/20/2021	17:18:32	78774.14	394717.30	40.52	Soil	11,100	-0.29
08/20/2021	17:18:33	78773.94	394717.47	40.56	Soil	11,100	-0.29
08/20/2021	17:18:34	78773.87	394717.68	40.57	Soil	11,520	0.01
08/20/2021	17:18:35	78773.93	394717.71	40.59	Soil	13,560	1.44
08/20/2021	17:18:36	78774.13	394717.74	40.60	Soil	12,840	0.93
08/20/2021	17:18:37	78774.23	394717.61	40.62	Soil	16,320	3.38
08/20/2021	17:18:38	78774.33	394717.47	40.63	Soil	12,780	0.89
08/20/2021	17:18:39	78774.49	394717.34	40.64	Soil	10,860	-0.46
08/20/2021	17:18:40	78774.49	394717.10	40.65	Soil	11,940	0.30
08/20/2021	17:18:41	78774.71	394717.05	40.65	Soil	14,640	2.20
08/20/2021	17:18:42	78774.76	394716.81	40.63	Soil	13,200	1.19
08/20/2021	17:18:43	78774.93	394716.72	40.65	Soil	14,640	2.20
08/20/2021	17:18:44	78774.95	394716.45	40.65	Soil	11,820	0.22
08/20/2021	17:18:45	78775.18	394716.33	40.66	Soil	10,680	-0.58
08/20/2021	17:18:46	78775.28	394716.07	40.66	Soil	12,600	0.76
08/20/2021	17:18:47	78775.52	394715.99	40.66	Soil	11,820	0.22
08/20/2021	17:18:48	78775.66	394715.74	40.63	Soil	13,140	1.14
08/20/2021	17:18:49	78775.88	394715.65	40.64	Soil	15,180	2.58
08/20/2021	17:18:50	78775.99	394715.41	40.62	Soil	13,860	1.65
08/20/2021	17:18:51	78776.15	394715.26	40.62	Soil	12,660	0.81
08/20/2021	17:18:52	78776.31	394715.08	40.58	Soil	12,420	0.64
08/20/2021	17:18:53	78776.43	394715.22	40.55	Soil	13,020	1.06
08/20/2021	17:18:54	78776.35	394715.31	40.54	Soil	13,560	1.44
08/20/2021	17:18:55	78776.28	394715.45	40.54	Soil	11,700	0.13
08/20/2021	17:18:56	78776.10	394715.56	40.53	Soil	12,240	0.51
08/20/2021	17:18:57	78776.03	394715.80	40.53	Soil	12,000	0.34
08/20/2021	17:18:58	78775.82	394715.90	40.51	Soil	10,860	-0.46
08/20/2021	17:18:59	78775.75	394716.12	40.53	Soil	14,880	2.36
08/20/2021	17:19:00	78775.55	394716.17	40.52	Soil	14,520	2.11
08/20/2021	17:19:01	78775.48	394716.45	40.53	Soil	12,900	0.98
08/20/2021	17:19:02	78775.28	394716.48	40.52	Soil	10,620	-0.62
08/20/2021	17:19:03	78775.15	394716.56	40.52	Soil	12,600	0.76
08/20/2021	17:19:04	78775.04	394716.76	40.49	Soil	11,400	-0.08
08/20/2021	17:19:05	78774.92	394716.91	40.49	Soil	12,660	0.81
08/20/2021	17:19:06	78774.84	394717.12	40.48	Soil	11,400	-0.08

SU 7D GWS RESULTS
(SOIL)

08/20/2021	17:19:07	78774.61	394717.26	40.48	Soil	12,420	0.64
08/20/2021	17:19:08	78774.47	394717.50	40.48	Soil	12,000	0.34
08/20/2021	17:19:09	78774.29	394717.58	40.49	Soil	12,600	0.76
08/20/2021	17:19:10	78774.21	394717.81	40.51	Soil	12,000	0.34
08/20/2021	17:19:11	78774.03	394717.96	40.51	Soil	12,660	0.81
08/20/2021	17:19:12	78774.05	394718.15	40.52	Soil	10,740	-0.54
08/20/2021	17:19:13	78774.09	394718.01	40.53	Soil	12,060	0.39
08/20/2021	17:19:14	78774.21	394718.07	40.52	Soil	10,680	-0.58
08/20/2021	17:19:15	78774.21	394717.86	40.53	Soil	12,780	0.89
08/20/2021	17:19:16	78774.31	394717.88	40.54	Soil	14,160	1.86
08/20/2021	17:19:17	78774.36	394717.72	40.55	Soil	12,540	0.72
08/20/2021	17:19:18	78774.47	394717.67	40.53	Soil	11,280	-0.16
08/20/2021	17:19:19	78774.56	394717.58	40.53	Soil	11,820	0.22
08/20/2021	17:19:20	78774.67	394717.45	40.54	Soil	9,900	-1.13
08/20/2021	17:19:21	78774.78	394717.32	40.54	Soil	14,580	2.15
08/20/2021	17:19:22	78774.94	394717.21	40.54	Soil	11,820	0.22
08/20/2021	17:19:23	78775.07	394716.94	40.53	Soil	11,640	0.09
08/20/2021	17:19:24	78775.28	394716.83	40.52	Soil	14,640	2.20
08/20/2021	17:19:25	78775.33	394716.57	40.51	Soil	13,200	1.19
08/20/2021	17:19:26	78775.54	394716.45	40.53	Soil	11,700	0.13
08/20/2021	17:19:27	78775.64	394716.24	40.52	Soil	10,020	-1.05
08/20/2021	17:19:28	78775.84	394716.14	40.51	Soil	11,220	-0.20
08/20/2021	17:19:29	78775.96	394715.82	40.49	Soil	10,980	-0.37
08/20/2021	17:19:30	78776.18	394715.77	40.47	Soil	12,060	0.39
08/20/2021	17:19:31	78776.43	394715.43	40.45	Soil	12,120	0.43
08/20/2021	17:19:32	78776.51	394715.68	40.43	Soil	11,340	-0.12
08/20/2021	17:19:33	78776.71	394715.97	40.43	Soil	11,100	-0.29
08/20/2021	17:19:34	78776.52	394716.02	40.45	Soil	11,400	-0.08
08/20/2021	17:19:35	78776.41	394716.11	40.44	Soil	11,880	0.26
08/20/2021	17:19:36	78776.34	394716.21	40.42	Soil	13,440	1.35
08/20/2021	17:19:37	78776.24	394716.29	40.41	Soil	12,480	0.68
08/20/2021	17:19:38	78776.06	394716.33	40.40	Soil	11,520	0.01
08/20/2021	17:19:39	78775.96	394716.44	40.42	Soil	10,860	-0.46
08/20/2021	17:19:40	78775.79	394716.49	40.42	Soil	13,140	1.14
08/20/2021	17:19:41	78775.67	394716.60	40.42	Soil	12,540	0.72
08/20/2021	17:19:42	78775.53	394716.76	40.41	Soil	12,240	0.51
08/20/2021	17:19:43	78775.47	394716.97	40.41	Soil	13,440	1.35
08/20/2021	17:19:44	78775.35	394717.11	40.39	Soil	11,580	0.05
08/20/2021	17:19:45	78775.27	394717.34	40.39	Soil	11,760	0.18
08/20/2021	17:19:46	78775.06	394717.51	40.39	Soil	12,300	0.55
08/20/2021	17:19:47	78774.95	394717.69	40.41	Soil	12,120	0.43
08/20/2021	17:19:48	78774.82	394717.82	40.44	Soil	12,540	0.72
08/20/2021	17:19:49	78774.79	394718.00	40.47	Soil	12,120	0.43
08/20/2021	17:19:50	78774.77	394718.30	40.48	Soil	11,160	-0.25
08/20/2021	17:19:51	78774.88	394718.15	40.54	Soil	11,700	0.13
08/20/2021	17:19:52	78775.10	394718.22	40.52	Soil	14,280	1.94
08/20/2021	17:19:53	78775.28	394717.99	40.50	Soil	12,120	0.43
08/20/2021	17:19:54	78775.56	394717.90	40.51	Soil	12,120	0.43
08/20/2021	17:19:55	78775.62	394717.54	40.50	Soil	10,920	-0.41
08/20/2021	17:19:56	78775.88	394717.45	40.51	Soil	11,400	-0.08
08/20/2021	17:19:57	78775.92	394717.20	40.48	Soil	11,460	-0.04

SU 7D GWS RESULTS
(SOIL)

08/20/2021	17:19:58	78776.17	394716.95	40.50	Soil	13,800	1.61
08/20/2021	17:19:59	78776.32	394716.70	40.51	Soil	12,840	0.93
08/20/2021	17:20:00	78776.48	394716.43	40.53	Soil	11,220	-0.20
08/20/2021	17:20:01	78776.72	394716.33	40.50	Soil	12,540	0.72
08/20/2021	17:20:02	78776.87	394716.12	40.52	Soil	13,380	1.31
08/20/2021	17:20:03	78777.16	394716.01	40.52	Soil	12,240	0.51
08/20/2021	17:20:04	78777.53	394715.99	40.47	Soil	11,640	0.09
08/20/2021	17:20:05	78777.46	394716.16	40.41	Soil	12,240	0.51
08/20/2021	17:20:06	78777.52	394716.34	40.40	Soil	11,580	0.05
08/20/2021	17:20:07	78777.35	394716.49	40.38	Soil	11,460	-0.04
08/20/2021	17:20:08	78777.21	394716.71	40.34	Soil	11,580	0.05
08/20/2021	17:20:09	78777.09	394716.97	40.36	Soil	12,900	0.98
08/20/2021	17:20:10	78776.90	394717.09	40.34	Soil	11,400	-0.08
08/20/2021	17:20:11	78776.83	394717.35	40.35	Soil	12,420	0.64
08/20/2021	17:20:12	78776.61	394717.54	40.34	Soil	14,340	1.99
08/20/2021	17:20:13	78776.52	394717.80	40.35	Soil	12,660	0.81
08/20/2021	17:20:14	78776.25	394717.91	40.35	Soil	12,060	0.39
08/20/2021	17:20:15	78776.07	394718.17	40.33	Soil	12,360	0.60
08/20/2021	17:20:16	78775.91	394718.40	40.33	Soil	12,120	0.43
08/20/2021	17:20:17	78775.72	394718.59	40.33	Soil	11,700	0.13
08/20/2021	17:20:18	78775.58	394718.85	40.38	Soil	11,640	0.09
08/20/2021	17:20:19	78775.38	394719.04	40.38	Soil	12,600	0.76
08/20/2021	17:20:20	78775.49	394719.19	40.36	Soil	12,240	0.51
08/20/2021	17:20:21	78775.59	394719.17	40.36	Soil	11,880	0.26
08/20/2021	17:20:22	78775.76	394719.12	40.36	Soil	11,220	-0.20
08/20/2021	17:20:23	78775.91	394719.02	40.37	Soil	9,720	-1.26
08/20/2021	17:20:24	78775.97	394718.81	40.35	Soil	11,580	0.05
08/20/2021	17:20:25	78776.15	394718.61	40.35	Soil	12,000	0.34
08/20/2021	17:20:26	78776.37	394718.45	40.35	Soil	10,860	-0.46
08/20/2021	17:20:27	78776.56	394718.25	40.28	Soil	13,260	1.23
08/20/2021	17:20:28	78776.78	394718.07	40.27	Soil	11,580	0.05
08/20/2021	17:20:29	78776.86	394717.73	40.28	Soil	11,520	0.01
08/20/2021	17:20:30	78777.11	394717.41	40.31	Soil	12,780	0.89
08/20/2021	17:20:31	78777.25	394716.98	40.31	Soil	12,060	0.39
08/20/2021	17:20:32	78777.44	394716.62	40.41	Soil	10,920	-0.41
08/20/2021	17:20:33	78777.25	394716.33	40.46	Soil	13,800	1.61
08/20/2021	17:20:34	78777.21	394716.29	40.47	Soil	11,100	-0.29
08/20/2021	17:20:35	78776.98	394716.26	40.48	Soil	10,920	-0.41
08/20/2021	17:20:36	78776.77	394716.44	40.45	Soil	12,420	0.64
08/20/2021	17:20:37	78776.55	394716.55	40.45	Soil	11,880	0.26
08/20/2021	17:20:38	78776.42	394716.79	40.42	Soil	12,600	0.76
08/20/2021	17:20:39	78776.23	394716.85	40.39	Soil	10,860	-0.46
08/20/2021	17:20:40	78776.11	394717.11	40.40	Soil	10,920	-0.41
08/20/2021	17:20:41	78775.86	394717.19	40.41	Soil	12,300	0.55
08/20/2021	17:20:42	78775.73	394717.42	40.38	Soil	12,480	0.68
08/20/2021	17:20:43	78775.44	394717.59	40.40	Soil	11,340	-0.12
08/20/2021	17:20:44	78775.33	394717.88	40.41	Soil	13,560	1.44
08/20/2021	17:20:45	78775.03	394717.98	40.44	Soil	12,840	0.93
08/20/2021	17:20:46	78775.21	394718.14	40.43	Soil	13,620	1.48
08/20/2021	17:20:47	78775.33	394718.16	40.35	Soil	11,460	-0.04
08/20/2021	17:20:48	78775.59	394718.17	40.37	Soil	11,760	0.18

SU 7D GWS RESULTS
(SOIL)

08/20/2021	17:20:49	78775.81	394717.92	40.34	Soil	11,940	0.30
08/20/2021	17:20:50	78776.06	394717.83	40.41	Soil	11,100	-0.29
08/20/2021	17:20:51	78776.21	394717.54	40.33	Soil	10,080	-1.00
08/20/2021	17:20:52	78776.51	394717.48	40.33	Soil	12,120	0.43
08/20/2021	17:20:53	78776.59	394717.22	40.41	Soil	11,700	0.13
08/20/2021	17:20:54	78776.69	394716.94	40.38	Soil	12,900	0.98
08/20/2021	17:20:55	78776.93	394716.79	40.42	Soil	12,300	0.55
08/20/2021	17:20:56	78777.02	394716.38	40.39	Soil	11,640	0.09
08/20/2021	17:20:57	78777.28	394716.29	40.42	Soil	11,580	0.05
08/20/2021	17:20:58	78777.48	394716.07	40.48	Soil	12,240	0.51
08/20/2021	17:20:59	78777.42	394715.90	40.47	Soil	13,020	1.06
08/20/2021	17:21:00	78777.27	394715.86	40.42	Soil	14,040	1.78
08/20/2021	17:21:01	78777.01	394715.83	40.43	Soil	12,720	0.85
08/20/2021	17:21:02	78776.77	394715.91	40.46	Soil	13,800	1.61
08/20/2021	17:21:03	78776.51	394716.06	40.45	Soil	12,300	0.55
08/20/2021	17:21:04	78776.43	394716.30	40.39	Soil	12,480	0.68
08/20/2021	17:21:05	78776.23	394716.40	40.38	Soil	12,360	0.60
08/20/2021	17:21:06	78776.20	394716.67	40.37	Soil	10,980	-0.37
08/20/2021	17:21:07	78776.02	394716.78	40.36	Soil	13,020	1.06
08/20/2021	17:21:08	78775.83	394716.94	40.37	Soil	12,780	0.89
08/20/2021	17:21:09	78775.61	394716.99	40.37	Soil	13,020	1.06
08/20/2021	17:21:10	78775.58	394717.26	40.38	Soil	12,360	0.60
08/20/2021	17:21:11	78775.36	394717.35	40.39	Soil	12,240	0.51
08/20/2021	17:21:12	78775.21	394717.54	40.41	Soil	11,940	0.30
08/20/2021	17:21:13	78774.98	394717.71	40.43	Soil	10,980	-0.37
08/20/2021	17:21:14	78775.06	394717.92	40.46	Soil	11,760	0.18
08/20/2021	17:21:15	78775.05	394718.28	40.47	Soil	12,240	0.51
08/20/2021	17:21:16	78775.21	394718.43	40.40	Soil	12,840	0.93
08/20/2021	17:21:17	78775.35	394718.68	40.39	Soil	12,120	0.43
08/20/2021	17:21:18	78775.60	394718.53	40.37	Soil	12,720	0.85
08/20/2021	17:21:19	78775.72	394718.60	40.38	Soil	12,060	0.39
08/20/2021	17:21:20	78775.68	394718.25	40.36	Soil	10,260	-0.88
08/20/2021	17:21:21	78775.94	394718.21	40.36	Soil	12,000	0.34
08/20/2021	17:21:22	78776.01	394717.95	40.35	Soil	12,540	0.72
08/20/2021	17:21:23	78776.23	394717.91	40.39	Soil	11,340	-0.12
08/20/2021	17:21:24	78776.31	394717.69	40.33	Soil	11,220	-0.20
08/20/2021	17:21:25	78776.55	394717.63	40.33	Soil	13,920	1.69
08/20/2021	17:21:26	78776.71	394717.42	40.32	Soil	12,180	0.47
08/20/2021	17:21:27	78776.95	394717.28	40.32	Soil	11,580	0.05
08/20/2021	17:21:28	78777.10	394717.05	40.32	Soil	11,700	0.13
08/20/2021	17:22:18	78783.52	394708.56	40.48	Soil	11,040	-0.33
08/20/2021	17:22:19	78783.35	394708.59	40.47	Soil	10,920	-0.41
08/20/2021	17:22:20	78783.28	394708.72	40.49	Soil	12,720	0.85
08/20/2021	17:22:21	78783.28	394708.90	40.48	Soil	15,000	2.45
08/20/2021	17:22:22	78783.13	394709.05	40.49	Soil	12,960	1.02
08/20/2021	17:22:23	78783.08	394709.29	40.47	Soil	11,160	-0.25
08/20/2021	17:22:24	78782.96	394709.49	40.48	Soil	14,640	2.20
08/20/2021	17:22:25	78782.98	394709.77	40.48	Soil	12,000	0.34
08/20/2021	17:22:26	78782.87	394709.96	40.48	Soil	11,460	-0.04
08/20/2021	17:22:27	78782.86	394710.24	40.47	Soil	11,880	0.26
08/20/2021	17:22:28	78782.84	394710.52	40.47	Soil	11,520	0.01

SU 7D GWS RESULTS
(SOIL)

08/20/2021	17:22:29	78782.84	394710.80	40.46	Soil	12,180	0.47
08/20/2021	17:22:30	78782.81	394711.12	40.45	Soil	12,360	0.60
08/20/2021	17:22:31	78782.72	394711.41	40.45	Soil	11,940	0.30
08/20/2021	17:22:32	78782.69	394711.62	40.45	Soil	12,120	0.43
08/20/2021	17:22:33	78782.73	394711.86	40.44	Soil	12,360	0.60
08/20/2021	17:22:34	78782.72	394712.19	40.45	Soil	11,520	0.01
08/20/2021	17:22:35	78782.68	394712.53	40.47	Soil	11,100	-0.29
08/20/2021	17:22:36	78782.75	394712.87	40.54	Soil	12,720	0.85
08/20/2021	17:22:37	78782.61	394713.22	40.62	Soil	10,200	-0.92
08/20/2021	17:22:38	78782.81	394713.34	40.60	Soil	10,500	-0.71
08/20/2021	17:22:39	78783.10	394713.54	40.55	Soil	11,880	0.26
08/20/2021	17:22:40	78783.15	394713.28	40.54	Soil	10,740	-0.54
08/20/2021	17:22:41	78783.35	394713.29	40.52	Soil	11,100	-0.29
08/20/2021	17:22:42	78783.14	394713.14	40.50	Soil	12,240	0.51
08/20/2021	17:22:43	78783.31	394713.04	40.47	Soil	10,740	-0.54
08/20/2021	17:22:44	78783.13	394712.83	40.45	Soil	12,540	0.72
08/20/2021	17:22:45	78783.23	394712.60	40.45	Soil	10,740	-0.54
08/20/2021	17:22:46	78783.04	394712.34	40.45	Soil	10,920	-0.41
08/20/2021	17:22:47	78783.14	394712.15	40.46	Soil	14,280	1.94
08/20/2021	17:22:48	78782.96	394711.89	40.45	Soil	12,480	0.68
08/20/2021	17:22:49	78783.13	394711.65	40.46	Soil	12,360	0.60
08/20/2021	17:22:50	78782.98	394711.32	40.45	Soil	13,380	1.31
08/20/2021	17:22:51	78783.13	394711.09	40.48	Soil	12,060	0.39
08/20/2021	17:22:52	78782.99	394710.80	40.46	Soil	11,700	0.13
08/20/2021	17:22:53	78783.14	394710.55	40.48	Soil	12,720	0.85
08/20/2021	17:22:54	78783.07	394710.24	40.47	Soil	12,000	0.34
08/20/2021	17:22:55	78783.20	394709.99	40.48	Soil	12,360	0.60
08/20/2021	17:22:56	78783.15	394709.63	40.47	Soil	13,620	1.48
08/20/2021	17:22:57	78783.09	394709.27	40.46	Soil	13,380	1.31
08/20/2021	17:22:58	78783.22	394708.98	40.45	Soil	13,560	1.44
08/20/2021	17:22:59	78783.03	394708.72	40.44	Soil	13,080	1.10
08/20/2021	17:23:00	78783.08	394708.41	40.45	Soil	12,780	0.89
08/20/2021	17:23:01	78782.90	394708.43	40.45	Soil	10,140	-0.96
08/20/2021	17:23:02	78782.66	394708.40	40.45	Soil	12,480	0.68
08/20/2021	17:23:03	78782.86	394708.61	40.45	Soil	11,340	-0.12
08/20/2021	17:23:04	78782.65	394708.81	40.44	Soil	11,820	0.22
08/20/2021	17:23:05	78782.85	394709.03	40.43	Soil	12,900	0.98
08/20/2021	17:23:06	78782.63	394709.22	40.42	Soil	11,340	-0.12
08/20/2021	17:23:07	78782.68	394709.39	40.42	Soil	13,980	1.73
08/20/2021	17:23:08	78782.70	394709.63	40.42	Soil	13,500	1.40
08/20/2021	17:23:09	78782.70	394709.83	40.45	Soil	12,840	0.93
08/20/2021	17:23:10	78782.74	394710.02	40.44	Soil	11,460	-0.04
08/20/2021	17:23:11	78782.72	394710.31	40.42	Soil	12,360	0.60
08/20/2021	17:23:12	78782.73	394710.59	40.44	Soil	12,540	0.72
08/20/2021	17:23:13	78782.70	394710.93	40.42	Soil	13,140	1.14
08/20/2021	17:23:14	78782.55	394711.22	40.42	Soil	12,480	0.68
08/20/2021	17:23:15	78782.69	394711.55	40.41	Soil	12,720	0.85
08/20/2021	17:23:16	78782.49	394711.86	40.42	Soil	12,960	1.02
08/20/2021	17:23:17	78782.69	394712.19	40.42	Soil	12,060	0.39
08/20/2021	17:23:18	78782.59	394712.50	40.43	Soil	10,920	-0.41
08/20/2021	17:23:19	78782.84	394712.78	40.45	Soil	13,200	1.19

SU 7D GWS RESULTS
(SOIL)

08/20/2021	17:23:20	78782.64	394713.00	40.45	Soil	11,820	0.22
08/20/2021	17:23:21	78782.85	394712.94	40.48	Soil	11,400	-0.08
08/20/2021	17:23:22	78783.13	394713.13	40.45	Soil	11,940	0.30
08/20/2021	17:23:23	78783.03	394712.93	40.44	Soil	12,420	0.64
08/20/2021	17:23:24	78783.21	394712.81	40.43	Soil	11,100	-0.29
08/20/2021	17:23:25	78783.02	394712.52	40.44	Soil	11,940	0.30
08/20/2021	17:23:26	78783.19	394712.40	40.44	Soil	9,360	-1.51
08/20/2021	17:23:27	78783.17	394712.22	40.45	Soil	11,820	0.22
08/20/2021	17:23:28	78783.21	394712.00	40.44	Soil	11,700	0.13
08/20/2021	17:23:29	78783.25	394711.78	40.45	Soil	12,360	0.60
08/20/2021	17:23:30	78783.22	394711.55	40.45	Soil	11,520	0.01
08/20/2021	17:23:31	78783.36	394711.37	40.45	Soil	11,880	0.26
08/20/2021	17:23:32	78783.20	394711.12	40.45	Soil	13,740	1.56
08/20/2021	17:23:33	78783.35	394710.92	40.46	Soil	12,120	0.43
08/20/2021	17:23:34	78783.22	394710.61	40.47	Soil	13,500	1.40
08/20/2021	17:23:35	78783.40	394710.39	40.48	Soil	11,760	0.18
08/20/2021	17:23:36	78783.22	394710.16	40.48	Soil	12,720	0.85
08/20/2021	17:23:37	78783.43	394709.94	40.49	Soil	13,080	1.10
08/20/2021	17:23:38	78783.26	394709.66	40.49	Soil	13,380	1.31
08/20/2021	17:23:39	78783.42	394709.40	40.51	Soil	12,540	0.72
08/20/2021	17:23:40	78783.21	394709.10	40.48	Soil	12,660	0.81
08/20/2021	17:23:41	78783.37	394708.85	40.48	Soil	12,300	0.55
08/20/2021	17:23:42	78783.31	394708.44	40.42	Soil	12,300	0.55
08/20/2021	17:23:43	78783.75	394708.39	40.39	Soil	13,860	1.65
08/20/2021	17:23:44	78784.04	394708.35	40.40	Soil	11,580	0.05
08/20/2021	17:23:45	78783.92	394708.46	40.38	Soil	12,000	0.34
08/20/2021	17:23:46	78783.87	394708.67	40.39	Soil	12,480	0.68
08/20/2021	17:23:47	78783.88	394708.88	40.39	Soil	11,640	0.09
08/20/2021	17:23:48	78783.75	394709.04	40.40	Soil	11,940	0.30
08/20/2021	17:23:49	78783.76	394709.26	40.40	Soil	12,240	0.51
08/20/2021	17:23:50	78783.62	394709.35	40.42	Soil	10,920	-0.41
08/20/2021	17:23:51	78783.68	394709.60	40.43	Soil	13,320	1.27
08/20/2021	17:23:52	78783.50	394709.72	40.43	Soil	12,900	0.98
08/20/2021	17:23:53	78783.64	394710.00	40.42	Soil	13,200	1.19
08/20/2021	17:23:54	78783.53	394710.25	40.42	Soil	12,120	0.43
08/20/2021	17:23:55	78783.47	394710.52	40.41	Soil	11,640	0.09
08/20/2021	17:23:56	78783.47	394710.76	40.42	Soil	12,120	0.43
08/20/2021	17:23:57	78783.35	394710.91	40.43	Soil	12,780	0.89
08/20/2021	17:23:58	78783.36	394711.08	40.45	Soil	13,500	1.40
08/20/2021	17:23:59	78783.30	394711.26	40.46	Soil	11,700	0.13
08/20/2021	17:24:00	78783.33	394711.51	40.46	Soil	10,500	-0.71
08/20/2021	17:24:01	78783.16	394711.67	40.47	Soil	12,540	0.72
08/20/2021	17:24:02	78783.27	394711.94	40.48	Soil	13,800	1.61
08/20/2021	17:24:03	78783.18	394712.09	40.47	Soil	11,400	-0.08
08/20/2021	17:24:04	78783.19	394712.35	40.48	Soil	12,300	0.55
08/20/2021	17:24:05	78783.02	394712.55	40.47	Soil	12,780	0.89
08/20/2021	17:24:06	78782.93	394712.59	40.48	Soil	10,500	-0.71
08/20/2021	17:24:07	78782.95	394712.61	40.48	Soil	12,480	0.68
08/20/2021	17:24:08	78783.14	394712.68	40.51	Soil	11,040	-0.33
08/20/2021	17:24:09	78783.18	394712.95	40.52	Soil	11,700	0.13
08/20/2021	17:24:10	78783.30	394712.90	40.51	Soil	12,600	0.76

SU 7D GWS RESULTS
(SOIL)

08/20/2021	17:24:11	78783.24	394712.78	40.50	Soil	12,240	0.51
08/20/2021	17:24:12	78783.42	394712.65	40.52	Soil	11,880	0.26
08/20/2021	17:24:13	78783.27	394712.41	40.52	Soil	12,060	0.39
08/20/2021	17:24:14	78783.47	394712.26	40.53	Soil	11,940	0.30
08/20/2021	17:24:15	78783.41	394711.94	40.52	Soil	13,260	1.23
08/20/2021	17:24:16	78783.62	394711.75	40.56	Soil	11,940	0.30
08/20/2021	17:24:17	78783.51	394711.46	40.57	Soil	12,240	0.51
08/20/2021	17:24:18	78783.77	394711.27	40.58	Soil	15,480	2.79
08/20/2021	17:24:19	78783.60	394711.02	40.58	Soil	12,060	0.39
08/20/2021	17:24:20	78783.74	394710.85	40.60	Soil	12,120	0.43
08/20/2021	17:24:21	78783.61	394710.61	40.62	Soil	11,640	0.09
08/20/2021	17:24:22	78783.82	394710.42	40.65	Soil	11,580	0.05
08/20/2021	17:24:23	78783.68	394710.19	40.66	Soil	11,760	0.18
08/20/2021	17:24:24	78783.85	394709.98	40.68	Soil	12,240	0.51
08/20/2021	17:24:25	78783.74	394709.65	40.67	Soil	12,720	0.85
08/20/2021	17:24:26	78783.86	394709.39	40.67	Soil	12,660	0.81
08/20/2021	17:24:27	78783.72	394709.08	40.68	Soil	13,500	1.40
08/20/2021	17:24:28	78783.77	394708.81	40.68	Soil	11,160	-0.25
08/20/2021	17:24:29	78783.69	394708.61	40.67	Soil	11,880	0.26
08/20/2021	17:24:30	78783.99	394708.37	40.64	Soil	10,560	-0.67
08/20/2021	17:24:31	78784.14	394708.34	40.64	Soil	13,320	1.27
08/20/2021	17:24:32	78784.01	394708.46	40.64	Soil	12,960	1.02
08/20/2021	17:24:33	78784.25	394708.69	40.65	Soil	11,760	0.18
08/20/2021	17:24:34	78784.10	394708.88	40.65	Soil	12,240	0.51
08/20/2021	17:24:35	78784.14	394709.07	40.66	Soil	12,900	0.98
08/20/2021	17:24:36	78784.12	394709.25	40.67	Soil	12,900	0.98
08/20/2021	17:24:37	78784.14	394709.41	40.67	Soil	13,080	1.10
08/20/2021	17:24:38	78784.00	394709.51	40.68	Soil	13,500	1.40
08/20/2021	17:24:39	78784.05	394709.73	40.68	Soil	13,020	1.06
08/20/2021	17:24:40	78783.96	394709.88	40.68	Soil	12,120	0.43
08/20/2021	17:24:41	78783.93	394710.08	40.69	Soil	11,760	0.18
08/20/2021	17:24:42	78783.74	394710.25	40.69	Soil	11,940	0.30
08/20/2021	17:24:43	78783.80	394710.54	40.70	Soil	11,100	-0.29
08/20/2021	17:24:44	78783.61	394710.73	40.70	Soil	12,120	0.43
08/20/2021	17:24:45	78783.81	394710.96	40.70	Soil	10,380	-0.79
08/20/2021	17:24:46	78783.65	394711.10	40.69	Soil	11,040	-0.33
08/20/2021	17:24:47	78783.75	394711.47	40.68	Soil	11,400	-0.08
08/20/2021	17:24:48	78783.59	394711.77	40.70	Soil	12,120	0.43
08/20/2021	17:24:49	78783.57	394712.14	40.73	Soil	12,960	1.02
08/20/2021	17:24:50	78783.50	394712.45	40.79	Soil	11,640	0.09
08/20/2021	17:24:51	78783.24	394712.76	40.78	Soil	12,480	0.68
08/20/2021	17:24:52	78783.26	394712.76	40.78	Soil	11,040	-0.33
08/20/2021	17:24:53	78783.47	394712.80	40.79	Soil	12,120	0.43
08/20/2021	17:24:54	78783.51	394712.77	40.81	Soil	12,540	0.72
08/20/2021	17:24:55	78783.75	394712.66	40.82	Soil	11,520	0.01
08/20/2021	17:24:56	78783.60	394712.43	40.82	Soil	12,780	0.89
08/20/2021	17:24:57	78783.80	394712.32	40.81	Soil	11,940	0.30
08/20/2021	17:24:58	78783.70	394712.05	40.82	Soil	12,960	1.02
08/20/2021	17:24:59	78783.81	394711.81	40.82	Soil	11,700	0.13
08/20/2021	17:25:00	78783.78	394711.57	40.83	Soil	12,360	0.60
08/20/2021	17:25:01	78783.92	394711.37	40.85	Soil	12,000	0.34

SU 7D GWS RESULTS
(SOIL)

08/20/2021	17:25:02	78783.83	394711.13	40.86	Soil	12,300	0.55
08/20/2021	17:25:03	78783.98	394710.89	40.88	Soil	12,960	1.02
08/20/2021	17:25:04	78783.86	394710.61	40.87	Soil	13,200	1.19
08/20/2021	17:25:05	78784.00	394710.36	40.90	Soil	12,060	0.39
08/20/2021	17:25:06	78783.93	394710.12	40.90	Soil	12,060	0.39
08/20/2021	17:25:07	78784.07	394709.89	40.91	Soil	11,760	0.18
08/20/2021	17:25:08	78783.97	394709.62	40.91	Soil	13,020	1.06
08/20/2021	17:25:09	78784.03	394709.33	40.93	Soil	11,880	0.26
08/20/2021	17:25:10	78783.96	394709.08	40.93	Soil	11,460	-0.04
08/20/2021	17:25:11	78784.05	394708.86	40.93	Soil	14,700	2.24
08/20/2021	17:25:12	78784.09	394708.58	40.91	Soil	13,680	1.52
08/20/2021	17:25:13	78783.98	394708.15	40.91	Soil	11,820	0.22
08/20/2021	17:25:14	78784.19	394708.00	40.89	Soil	12,780	0.89
08/20/2021	17:25:15	78784.49	394707.93	40.89	Soil	11,460	-0.04
08/20/2021	17:25:16	78784.48	394708.09	40.89	Soil	11,400	-0.08
08/20/2021	17:25:17	78784.46	394708.26	40.89	Soil	12,240	0.51
08/20/2021	17:25:18	78784.50	394708.47	40.89	Soil	12,600	0.76
08/20/2021	17:25:19	78784.42	394708.68	40.90	Soil	13,680	1.52
08/20/2021	17:25:20	78784.48	394708.94	40.89	Soil	12,300	0.55
08/20/2021	17:25:21	78784.34	394709.11	40.89	Soil	13,260	1.23
08/20/2021	17:25:22	78784.41	394709.36	40.92	Soil	10,740	-0.54
08/20/2021	17:25:23	78784.33	394709.56	40.93	Soil	11,880	0.26
08/20/2021	17:25:24	78784.41	394709.80	40.93	Soil	13,260	1.23
08/20/2021	17:25:25	78784.24	394710.04	40.95	Soil	12,960	1.02
08/20/2021	17:25:26	78784.37	394710.34	40.93	Soil	13,560	1.44
08/20/2021	17:25:27	78784.18	394710.50	40.93	Soil	12,480	0.68
08/20/2021	17:25:28	78784.34	394710.76	40.94	Soil	12,180	0.47
08/20/2021	17:25:29	78784.13	394710.86	40.94	Soil	10,440	-0.75
08/20/2021	17:25:30	78784.25	394711.11	40.93	Soil	12,540	0.72
08/20/2021	17:25:31	78784.04	394711.30	40.96	Soil	11,880	0.26
08/20/2021	17:25:32	78784.15	394711.58	40.94	Soil	12,060	0.39
08/20/2021	17:25:33	78783.96	394711.75	40.96	Soil	11,400	-0.08
08/20/2021	17:25:34	78784.01	394712.00	40.96	Soil	12,000	0.34
08/20/2021	17:25:35	78783.80	394712.14	40.96	Soil	11,820	0.22
08/20/2021	17:25:36	78783.84	394712.46	41.00	Soil	11,760	0.18
08/20/2021	17:25:37	78783.58	394712.66	41.02	Soil	12,360	0.60
08/20/2021	17:25:38	78783.65	394712.78	41.05	Soil	10,560	-0.67
08/20/2021	17:25:39	78783.55	394712.98	41.05	Soil	10,740	-0.54
08/20/2021	17:25:40	78783.81	394713.05	41.04	Soil	13,920	1.69
08/20/2021	17:25:41	78783.88	394713.05	41.04	Soil	10,500	-0.71
08/20/2021	17:25:42	78783.83	394712.90	41.02	Soil	12,240	0.51
08/20/2021	17:25:43	78783.98	394712.78	41.02	Soil	12,780	0.89
08/20/2021	17:25:44	78783.81	394712.55	41.02	Soil	10,920	-0.41
08/20/2021	17:25:45	78784.05	394712.47	41.01	Soil	12,420	0.64
08/20/2021	17:25:46	78783.91	394712.26	41.02	Soil	14,100	1.82
08/20/2021	17:25:47	78784.14	394712.10	41.03	Soil	11,580	0.05
08/20/2021	17:25:48	78784.00	394711.86	41.02	Soil	12,300	0.55
08/20/2021	17:25:49	78784.20	394711.72	41.03	Soil	11,640	0.09
08/20/2021	17:25:50	78784.10	394711.48	41.03	Soil	11,460	-0.04
08/20/2021	17:25:51	78784.28	394711.31	41.02	Soil	11,940	0.30
08/20/2021	17:25:52	78784.20	394711.04	41.03	Soil	12,600	0.76

SU 7D GWS RESULTS
(SOIL)

08/20/2021	17:25:53	78784.34	394710.87	41.03	Soil	14,700	2.24
08/20/2021	17:25:54	78784.37	394710.74	41.03	Soil	12,240	0.51
08/20/2021	17:25:55	78784.33	394710.42	41.02	Soil	11,460	-0.04
08/20/2021	17:25:56	78784.41	394710.20	41.02	Soil	11,220	-0.20
08/20/2021	17:25:57	78784.25	394709.97	41.04	Soil	12,480	0.68
08/20/2021	17:25:58	78784.27	394709.72	41.02	Soil	11,880	0.26
08/20/2021	17:25:59	78784.23	394709.44	41.02	Soil	12,720	0.85
08/20/2021	17:26:00	78784.22	394709.13	41.01	Soil	12,420	0.64
08/20/2021	17:26:01	78784.31	394708.91	41.01	Soil	13,080	1.10
08/20/2021	17:26:02	78784.25	394708.63	41.00	Soil	11,400	-0.08
08/20/2021	17:26:03	78784.33	394708.50	41.00	Soil	11,280	-0.16
08/20/2021	17:26:04	78784.55	394708.17	40.98	Soil	12,420	0.64
08/20/2021	17:26:05	78784.54	394708.18	40.95	Soil	12,180	0.47
08/20/2021	17:26:06	78784.79	394708.42	40.95	Soil	11,400	-0.08
08/20/2021	17:26:07	78784.64	394708.55	40.90	Soil	11,100	-0.29
08/20/2021	17:26:08	78784.80	394708.84	40.90	Soil	12,360	0.60
08/20/2021	17:26:09	78784.62	394708.96	40.89	Soil	12,360	0.60
08/20/2021	17:26:10	78784.76	394709.24	40.86	Soil	10,860	-0.46
08/20/2021	17:26:11	78784.62	394709.39	40.85	Soil	13,020	1.06
08/20/2021	17:26:12	78784.66	394709.57	40.85	Soil	12,180	0.47
08/20/2021	17:26:13	78784.61	394709.73	40.86	Soil	10,920	-0.41
08/20/2021	17:26:14	78784.70	394709.92	40.83	Soil	11,520	0.01
08/20/2021	17:26:15	78784.61	394710.13	40.80	Soil	14,520	2.11
08/20/2021	17:26:16	78784.64	394710.36	40.80	Soil	10,980	-0.37
08/20/2021	17:26:17	78784.48	394710.50	40.80	Soil	13,020	1.06
08/20/2021	17:26:18	78784.55	394710.76	40.82	Soil	11,640	0.09
08/20/2021	17:26:19	78784.37	394710.91	40.82	Soil	11,700	0.13
08/20/2021	17:26:20	78784.50	394711.12	40.83	Soil	12,600	0.76
08/20/2021	17:26:21	78784.35	394711.25	40.85	Soil	12,600	0.76
08/20/2021	17:26:21	78784.41	394711.40	40.85	Soil	11,940	0.30
08/20/2021	17:26:23	78784.32	394711.56	40.86	Soil	12,120	0.43
08/20/2021	17:26:24	78784.39	394711.72	40.89	Soil	12,720	0.85
08/20/2021	17:26:24	78784.24	394711.85	40.90	Soil	11,520	0.01
08/20/2021	17:26:26	78784.35	394712.10	40.90	Soil	12,360	0.60
08/20/2021	17:26:27	78784.17	394712.32	40.90	Soil	12,780	0.89
08/20/2021	17:26:27	78784.30	394712.44	40.90	Soil	11,640	0.09
08/20/2021	17:26:29	78784.10	394712.78	40.94	Soil	11,580	0.05
08/20/2021	17:26:29	78783.87	394712.83	40.94	Soil	12,180	0.47
08/20/2021	17:26:30	78784.06	394713.08	41.03	Soil	13,320	1.27
08/20/2021	17:26:31	78784.08	394713.08	41.04	Soil	12,300	0.55
08/20/2021	17:26:33	78784.01	394712.87	41.01	Soil	13,560	1.44
08/20/2021	17:26:34	78784.18	394712.72	40.99	Soil	11,880	0.26
08/20/2021	17:26:34	78784.07	394712.46	40.99	Soil	13,260	1.23
08/20/2021	17:26:35	78784.25	394712.28	41.00	Soil	11,760	0.18
08/20/2021	17:26:36	78784.15	394712.02	41.01	Soil	11,160	-0.25
08/20/2021	17:26:37	78784.31	394711.88	41.01	Soil	12,720	0.85
08/20/2021	17:26:39	78784.26	394711.53	40.98	Soil	11,160	-0.25
08/20/2021	17:26:39	78784.52	394711.33	40.98	Soil	11,880	0.26
08/20/2021	17:26:40	78784.45	394711.01	40.99	Soil	11,100	-0.29
08/20/2021	17:26:42	78784.69	394710.74	40.99	Soil	11,760	0.18
08/20/2021	17:26:42	78784.64	394710.39	40.98	Soil	11,700	0.13

SU 7D GWS RESULTS
(SOIL)

08/20/2021	17:26:44	78784.74	394710.13	40.98	Soil	13,200	1.19
08/20/2021	17:26:45	78784.77	394709.86	40.98	Soil	11,940	0.30
08/20/2021	17:26:45	78784.86	394709.61	40.99	Soil	11,700	0.13
08/20/2021	17:26:46	78784.80	394709.29	41.01	Soil	13,140	1.14
08/20/2021	17:26:47	78784.92	394709.04	41.00	Soil	11,340	-0.12
08/20/2021	17:26:48	78784.85	394708.71	40.96	Soil	13,500	1.40
08/20/2021	17:26:50	78784.99	394708.39	40.95	Soil	11,460	-0.04
08/20/2021	17:26:50	78785.08	394708.14	40.95	Soil	11,640	0.09
08/20/2021	17:26:51	78785.27	394708.36	40.95	Soil	10,080	-1.00
08/20/2021	17:26:52	78785.25	394708.48	40.93	Soil	11,460	-0.04
08/20/2021	17:26:53	78785.23	394708.70	40.92	Soil	13,140	1.14
08/20/2021	17:26:54	78785.21	394708.87	40.93	Soil	11,880	0.26
08/20/2021	17:26:56	78785.14	394709.05	40.93	Soil	12,300	0.55
08/20/2021	17:26:56	78785.18	394709.24	40.93	Soil	10,740	-0.54
08/20/2021	17:26:57	78785.07	394709.38	40.92	Soil	13,200	1.19
08/20/2021	17:26:59	78785.13	394709.58	40.92	Soil	11,400	-0.08
08/20/2021	17:26:59	78784.98	394709.77	40.91	Soil	12,420	0.64
08/20/2021	17:27:01	78785.00	394710.01	40.89	Soil	12,780	0.89
08/20/2021	17:27:01	78784.92	394710.19	40.89	Soil	13,920	1.69
08/20/2021	17:27:02	78784.88	394710.41	40.89	Soil	11,160	-0.25
08/20/2021	17:27:04	78784.79	394710.57	40.88	Soil	11,280	-0.16
08/20/2021	17:27:04	78784.85	394710.82	40.88	Soil	12,540	0.72
08/20/2021	17:27:05	78784.74	394711.02	40.87	Soil	11,280	-0.16
08/20/2021	17:27:06	78784.87	394711.28	40.88	Soil	11,280	-0.16
08/20/2021	17:27:07	78784.68	394711.43	40.90	Soil	11,280	-0.16
08/20/2021	17:27:09	78784.80	394711.68	40.90	Soil	10,980	-0.37
08/20/2021	17:27:09	78784.65	394711.87	40.90	Soil	11,760	0.18
08/20/2021	17:27:10	78784.73	394712.16	40.90	Soil	13,020	1.06
08/20/2021	17:27:11	78784.54	394712.39	40.90	Soil	12,180	0.47
08/20/2021	17:27:12	78784.50	394712.74	40.91	Soil	13,380	1.31
08/20/2021	17:27:13	78784.35	394712.84	40.93	Soil	11,820	0.22
08/20/2021	17:27:14	78784.59	394712.86	40.93	Soil	11,280	-0.16
08/20/2021	17:27:15	78784.82	394713.11	40.94	Soil	10,500	-0.71
08/20/2021	17:27:16	78784.80	394713.00	40.93	Soil	11,280	-0.16
08/20/2021	17:27:17	78784.74	394712.97	40.93	Soil	10,200	-0.92
08/20/2021	17:27:18	78784.58	394713.00	40.95	Soil	12,900	0.98
08/20/2021	17:27:19	78784.68	394713.09	40.95	Soil	11,400	-0.08
08/20/2021	17:27:21	78784.74	394713.09	40.95	Soil	12,060	0.39
08/20/2021	17:27:21	78784.60	394712.79	40.93	Soil	12,780	0.89
08/20/2021	17:27:22	78784.84	394712.54	40.92	Soil	13,620	1.48
08/20/2021	17:27:23	78784.72	394712.21	40.93	Soil	14,820	2.32
08/20/2021	17:27:25	78784.94	394712.00	40.93	Soil	12,420	0.64
08/20/2021	17:27:25	78784.84	394711.62	40.94	Soil	13,500	1.40
08/20/2021	17:27:26	78785.05	394711.33	40.94	Soil	11,760	0.18
08/20/2021	17:27:28	78784.99	394710.99	40.91	Soil	11,100	-0.29
08/20/2021	17:27:28	78785.10	394710.75	40.91	Soil	12,480	0.68
08/20/2021	17:27:30	78785.14	394710.41	40.91	Soil	12,540	0.72
08/20/2021	17:27:30	78785.21	394710.13	40.91	Soil	11,880	0.26
08/20/2021	17:27:31	78785.35	394709.86	40.93	Soil	12,480	0.68
08/20/2021	17:27:33	78785.27	394709.51	40.92	Soil	11,460	-0.04
08/20/2021	17:27:34	78785.48	394709.28	40.91	Soil	12,720	0.85

SU 7D GWS RESULTS
(SOIL)

08/20/2021	17:27:34	78785.29	394708.94	40.90	Soil	13,980	1.73
08/20/2021	17:27:36	78785.46	394708.77	40.87	Soil	11,460	-0.04
08/20/2021	17:27:37	78785.54	394708.33	40.87	Soil	11,520	0.01
08/20/2021	17:27:37	78785.63	394708.42	40.86	Soil	12,900	0.98
08/20/2021	17:27:38	78785.91	394708.56	40.83	Soil	11,220	-0.20
08/20/2021	17:27:39	78785.75	394708.57	40.82	Soil	13,500	1.40
08/20/2021	17:27:40	78785.92	394708.74	40.80	Soil	10,980	-0.37
08/20/2021	17:27:41	78785.72	394708.84	40.78	Soil	12,960	1.02
08/20/2021	17:27:42	78785.78	394709.08	40.80	Soil	14,280	1.94
08/20/2021	17:27:43	78785.59	394709.18	40.79	Soil	11,940	0.30
08/20/2021	17:27:44	78785.64	394709.52	40.77	Soil	10,860	-0.46
08/20/2021	17:27:45	78785.42	394709.76	40.77	Soil	13,320	1.27
08/20/2021	17:27:46	78785.42	394710.05	40.73	Soil	12,960	1.02
08/20/2021	17:27:48	78785.31	394710.30	40.71	Soil	12,780	0.89
08/20/2021	17:27:49	78785.32	394710.58	40.68	Soil	12,240	0.51
08/20/2021	17:27:50	78785.22	394710.81	40.67	Soil	15,180	2.58
08/20/2021	17:27:50	78785.25	394711.09	40.66	Soil	14,100	1.82
08/20/2021	17:27:52	78785.08	394711.26	40.67	Soil	11,160	-0.25
08/20/2021	17:27:53	78785.17	394711.60	40.67	Soil	9,240	-1.59
08/20/2021	17:27:53	78785.03	394711.82	40.66	Soil	11,400	-0.08
08/20/2021	17:27:54	78785.03	394712.11	40.66	Soil	11,820	0.22
08/20/2021	17:27:55	78784.95	394712.39	40.64	Soil	11,580	0.05
08/20/2021	17:27:56	78784.82	394712.72	40.66	Soil	12,840	0.93
08/20/2021	17:27:57	78784.66	394712.83	40.67	Soil	9,720	-1.26
08/20/2021	17:27:58	78784.83	394712.85	40.68	Soil	12,000	0.34
08/20/2021	17:27:59	78784.94	394713.16	40.70	Soil	11,160	-0.25
08/20/2021	17:28:00	78784.88	394713.10	40.69	Soil	14,340	1.99
08/20/2021	17:28:01	78784.94	394713.02	40.69	Soil	13,260	1.23
08/20/2021	17:28:02	78785.01	394712.80	40.68	Soil	12,180	0.47
08/20/2021	17:28:03	78785.06	394712.60	40.68	Soil	11,820	0.22
08/20/2021	17:28:04	78785.07	394712.36	40.68	Soil	12,060	0.39
08/20/2021	17:28:05	78785.15	394712.22	40.67	Soil	10,920	-0.41
08/20/2021	17:28:06	78785.17	394711.99	40.67	Soil	11,280	-0.16
08/20/2021	17:28:07	78785.28	394711.82	40.66	Soil	10,320	-0.84
08/20/2021	17:28:08	78785.24	394711.56	40.65	Soil	12,540	0.72
08/20/2021	17:28:09	78785.39	394711.44	40.64	Soil	13,260	1.23
08/20/2021	17:28:10	78785.38	394711.25	40.63	Soil	10,140	-0.96
08/20/2021	17:28:12	78785.44	394711.05	40.62	Soil	12,720	0.85
08/20/2021	17:28:12	78785.41	394710.81	40.60	Soil	11,880	0.26
08/20/2021	17:28:13	78785.52	394710.62	40.61	Soil	12,540	0.72
08/20/2021	17:28:14	78785.48	394710.36	40.62	Soil	13,740	1.56
08/20/2021	17:28:15	78785.59	394710.21	40.61	Soil	12,420	0.64
08/20/2021	17:28:16	78785.58	394709.97	40.63	Soil	9,660	-1.30
08/20/2021	17:28:17	78785.65	394709.72	40.64	Soil	11,340	-0.12
08/20/2021	17:28:18	78785.53	394709.43	40.64	Soil	11,400	-0.08
08/20/2021	17:28:19	78785.72	394709.22	40.63	Soil	13,620	1.48
08/20/2021	17:28:21	78785.59	394708.95	40.61	Soil	13,080	1.10
08/20/2021	17:28:22	78785.77	394708.75	40.60	Soil	13,020	1.06
08/20/2021	17:28:22	78785.57	394708.53	40.61	Soil	10,500	-0.71
08/20/2021	17:28:23	78785.73	394708.26	40.61	Soil	12,900	0.98
08/20/2021	17:28:24	78785.54	394708.02	40.61	Soil	10,680	-0.58

SU 7D GWS RESULTS
(SOIL)

08/20/2021	17:28:25	78785.64	394707.83	40.61	Soil	13,740	1.56
08/20/2021	17:28:26	78785.51	394707.58	40.62	Soil	13,080	1.10
08/20/2021	17:28:27	78785.80	394707.30	40.60	Soil	12,900	0.98
08/20/2021	17:28:28	78785.98	394707.10	40.57	Soil	12,120	0.43
08/20/2021	17:28:29	78785.90	394707.28	40.57	Soil	11,460	-0.04
08/20/2021	17:28:30	78785.97	394707.52	40.57	Soil	11,280	-0.16
08/20/2021	17:28:31	78785.89	394707.69	40.57	Soil	12,600	0.76
08/20/2021	17:28:32	78786.05	394707.95	40.56	Soil	13,320	1.27
08/20/2021	17:28:33	78785.92	394708.12	40.56	Soil	12,360	0.60
08/20/2021	17:28:35	78786.00	394708.35	40.53	Soil	13,380	1.31
08/20/2021	17:28:35	78785.89	394708.51	40.53	Soil	11,820	0.22
08/20/2021	17:28:36	78785.85	394708.72	40.52	Soil	11,280	-0.16
08/20/2021	17:28:37	78785.72	394708.91	40.53	Soil	13,200	1.19
08/20/2021	17:28:38	78785.76	394709.17	40.54	Soil	13,380	1.31
08/20/2021	17:28:39	78785.55	394709.30	40.55	Soil	11,460	-0.04
08/20/2021	17:28:40	78785.61	394709.53	40.54	Soil	14,160	1.86
08/20/2021	17:28:41	78785.46	394709.68	40.54	Soil	12,720	0.85
08/20/2021	17:28:42	78785.54	394709.92	40.53	Soil	10,500	-0.71
08/20/2021	17:28:44	78785.36	394710.07	40.51	Soil	12,360	0.60
08/20/2021	17:28:44	78785.45	394710.34	40.50	Soil	11,220	-0.20
08/20/2021	17:28:45	78785.25	394710.55	40.50	Soil	12,060	0.39
08/20/2021	17:28:46	78785.35	394710.81	40.50	Soil	13,860	1.65
08/20/2021	17:28:47	78785.17	394710.87	40.51	Soil	10,860	-0.46
08/20/2021	17:28:48	78785.23	394710.93	40.51	Soil	10,680	-0.58
08/20/2021	17:28:49	78785.18	394710.89	40.50	Soil	11,340	-0.12
08/20/2021	17:28:50	78785.20	394710.87	40.50	Soil	12,600	0.76
08/20/2021	17:28:51	78785.15	394710.87	40.50	Soil	10,980	-0.37
08/20/2021	17:28:52	78785.25	394711.08	40.51	Soil	12,600	0.76
08/20/2021	17:28:53	78785.01	394711.08	40.51	Soil	13,020	1.06
08/20/2021	17:28:54	78785.10	394711.26	40.52	Soil	12,960	1.02
08/20/2021	17:28:55	78784.94	394711.28	40.53	Soil	9,480	-1.42
08/20/2021	17:28:56	78784.86	394711.28	40.52	Soil	11,400	-0.08
08/20/2021	17:28:57	78784.89	394711.28	40.51	Soil	11,040	-0.33
08/20/2021	17:28:58	78784.95	394711.56	40.52	Soil	11,040	-0.33
08/20/2021	17:29:00	78784.71	394711.69	40.53	Soil	10,920	-0.41
08/20/2021	17:29:00	78784.86	394711.94	40.53	Soil	11,280	-0.16
08/20/2021	17:29:01	78784.67	394712.17	40.54	Soil	13,140	1.14
08/20/2021	17:29:02	78784.83	394712.43	40.55	Soil	11,220	-0.20
08/20/2021	17:29:03	78784.75	394712.79	40.57	Soil	11,760	0.18
08/20/2021	17:29:04	78784.98	394712.87	40.56	Soil	13,920	1.69
08/20/2021	17:29:05	78785.12	394713.23	40.59	Soil	12,240	0.51
08/20/2021	17:29:06	78785.01	394713.16	40.58	Soil	11,040	-0.33
08/20/2021	17:29:07	78785.19	394713.13	40.58	Soil	12,420	0.64
08/20/2021	17:29:08	78785.09	394712.92	40.60	Soil	11,160	-0.25
08/20/2021	17:29:09	78785.18	394712.79	40.61	Soil	11,160	-0.25
08/20/2021	17:29:11	78785.11	394712.49	40.62	Soil	12,000	0.34
08/20/2021	17:29:11	78785.29	394712.30	40.63	Soil	12,600	0.76
08/20/2021	17:29:12	78785.21	394711.97	40.63	Soil	12,240	0.51
08/20/2021	17:29:13	78785.43	394711.75	40.63	Soil	11,580	0.05
08/20/2021	17:29:14	78785.30	394711.41	40.63	Soil	11,220	-0.20
08/21/2021	10:14:37	78793.07	394769.29	40.13	Soil	9,180	-1.65

SU 7D GWS RESULTS
(SOIL)

08/21/2021	10:14:38	78793.14	394769.39	39.90	Soil	8,640	-2.03
08/21/2021	10:14:39	78793.16	394769.45	39.80	Soil	8,100	-2.42
08/21/2021	10:14:40	78793.18	394769.59	39.55	Soil	7,500	-2.84
08/21/2021	10:14:41	78793.18	394769.69	39.54	Soil	6,960	-3.22
08/21/2021	10:14:42	78793.08	394769.84	39.51	Soil	8,700	-1.99
08/21/2021	10:14:43	78793.03	394769.86	39.48	Soil	8,040	-2.46
08/23/2021	16:50:29	78763.66	394738.97	41.54	Soil	11,820	0.22
08/23/2021	16:50:30	78763.67	394739.00	41.54	Soil	12,360	0.60
08/23/2021	16:50:31	78763.67	394739.06	41.53	Soil	13,020	1.06
08/23/2021	16:50:32	78763.78	394738.88	41.52	Soil	11,100	-0.29
08/23/2021	16:50:33	78763.90	394738.92	41.54	Soil	13,020	1.06
08/23/2021	16:50:34	78764.02	394738.95	41.55	Soil	11,640	0.09
08/23/2021	16:50:35	78764.16	394738.77	41.54	Soil	12,360	0.60
08/23/2021	16:50:36	78764.34	394739.00	41.51	Soil	12,060	0.39
08/23/2021	16:50:37	78764.53	394738.86	41.49	Soil	12,120	0.43
08/23/2021	16:50:38	78764.66	394738.85	41.50	Soil	12,120	0.43
08/23/2021	16:50:39	78764.85	394738.70	41.50	Soil	12,300	0.55
08/23/2021	16:50:40	78764.99	394738.78	41.49	Soil	13,320	1.27
08/23/2021	16:50:41	78765.12	394738.85	41.50	Soil	11,520	0.01
08/23/2021	16:50:42	78765.28	394738.65	41.48	Soil	12,300	0.55
08/23/2021	16:50:43	78765.34	394738.74	41.49	Soil	11,580	0.05
08/23/2021	16:50:44	78765.51	394738.57	41.48	Soil	11,160	-0.25
08/23/2021	16:50:45	78765.63	394738.55	41.46	Soil	12,660	0.81
08/23/2021	16:50:46	78765.73	394738.68	41.46	Soil	12,480	0.68
08/23/2021	16:50:47	78765.91	394738.50	41.43	Soil	13,440	1.35
08/23/2021	16:50:48	78766.00	394738.55	41.43	Soil	13,140	1.14
08/23/2021	16:50:49	78766.12	394738.54	41.40	Soil	12,240	0.51
08/23/2021	16:50:50	78766.25	394738.55	41.36	Soil	12,300	0.55
08/23/2021	16:50:51	78766.39	394738.65	41.34	Soil	11,700	0.13
08/23/2021	16:50:52	78766.53	394738.55	41.30	Soil	11,220	-0.20
08/23/2021	16:50:53	78766.61	394738.68	41.29	Soil	12,240	0.51
08/23/2021	16:50:54	78766.85	394738.51	41.28	Soil	11,640	0.09
08/23/2021	16:50:55	78766.96	394738.64	41.28	Soil	11,580	0.05
08/23/2021	16:50:56	78767.15	394738.62	41.25	Soil	10,020	-1.05
08/23/2021	16:50:57	78767.30	394738.60	41.23	Soil	11,700	0.13
08/23/2021	16:50:58	78767.43	394738.70	41.23	Soil	12,480	0.68
08/23/2021	16:50:59	78767.63	394738.54	41.27	Soil	11,940	0.30
08/23/2021	16:51:00	78767.79	394738.70	41.28	Soil	12,660	0.81
08/23/2021	16:51:01	78768.03	394738.60	41.26	Soil	13,980	1.73
08/23/2021	16:51:02	78768.20	394738.78	41.20	Soil	12,120	0.43
08/23/2021	16:51:03	78768.48	394738.59	41.18	Soil	11,220	-0.20
08/23/2021	16:51:04	78768.60	394738.73	41.14	Soil	11,940	0.30
08/23/2021	16:51:05	78768.69	394738.58	41.12	Soil	12,600	0.76
08/23/2021	16:51:06	78768.81	394738.52	41.10	Soil	12,240	0.51
08/23/2021	16:51:07	78768.94	394738.65	41.08	Soil	10,920	-0.41
08/23/2021	16:51:08	78769.16	394738.58	41.10	Soil	11,220	-0.20
08/23/2021	16:51:09	78769.58	394738.54	41.10	Soil	12,240	0.51
08/23/2021	16:51:10	78769.75	394738.59	41.07	Soil	11,220	-0.20
08/23/2021	16:51:11	78769.76	394738.67	41.00	Soil	13,860	1.65
08/23/2021	16:51:12	78769.94	394738.53	40.94	Soil	12,540	0.72
08/23/2021	16:51:13	78770.12	394738.62	40.93	Soil	11,400	-0.08

SU 7D GWS RESULTS
(SOIL)

08/23/2021	16:51:14	78770.29	394738.47	40.91	Soil	10,860	-0.46
08/23/2021	16:51:15	78770.44	394738.60	40.89	Soil	12,480	0.68
08/23/2021	16:51:16	78770.66	394738.44	40.87	Soil	11,160	-0.25
08/23/2021	16:51:17	78770.75	394738.55	40.88	Soil	13,680	1.52
08/23/2021	16:51:18	78770.97	394738.47	40.87	Soil	11,100	-0.29
08/23/2021	16:51:19	78770.81	394738.60	40.88	Soil	12,960	1.02
08/23/2021	16:51:20	78770.76	394738.81	40.94	Soil	11,700	0.13
08/23/2021	16:51:21	78770.78	394738.85	40.96	Soil	12,840	0.93
08/23/2021	16:51:22	78770.61	394738.71	41.01	Soil	12,840	0.93
08/23/2021	16:51:23	78770.38	394738.88	41.13	Soil	13,140	1.14
08/23/2021	16:51:24	78770.13	394738.92	41.16	Soil	11,160	-0.25
08/23/2021	16:51:25	78769.85	394739.06	41.18	Soil	12,540	0.72
08/23/2021	16:51:26	78769.82	394739.05	41.21	Soil	10,440	-0.75
08/23/2021	16:51:27	78769.76	394739.04	41.19	Soil	12,780	0.89
08/23/2021	16:51:28	78769.40	394738.87	41.20	Soil	11,400	-0.08
08/23/2021	16:51:29	78769.23	394739.16	41.19	Soil	13,620	1.48
08/23/2021	16:51:30	78769.15	394739.16	41.20	Soil	13,080	1.10
08/23/2021	16:51:31	78769.04	394739.06	41.21	Soil	11,100	-0.29
08/23/2021	16:51:32	78768.93	394739.23	41.21	Soil	12,180	0.47
08/23/2021	16:51:33	78768.89	394739.25	41.23	Soil	10,620	-0.62
08/23/2021	16:51:34	78768.87	394739.23	41.24	Soil	12,180	0.47
08/23/2021	16:51:35	78768.75	394739.06	41.25	Soil	11,760	0.18
08/23/2021	16:51:36	78768.50	394739.23	41.25	Soil	12,360	0.60
08/23/2021	16:51:37	78768.42	394739.29	41.25	Soil	12,180	0.47
08/23/2021	16:51:38	78768.37	394739.24	41.32	Soil	12,840	0.93
08/23/2021	16:51:39	78768.34	394739.22	41.31	Soil	12,480	0.68
08/23/2021	16:51:40	78768.16	394739.04	41.30	Soil	14,340	1.99
08/23/2021	16:51:41	78768.03	394739.23	41.29	Soil	12,240	0.51
08/23/2021	16:51:42	78767.89	394739.16	41.29	Soil	12,180	0.47
08/23/2021	16:51:43	78767.74	394739.11	41.28	Soil	10,980	-0.37
08/23/2021	16:51:44	78767.64	394739.25	41.29	Soil	10,860	-0.46
08/23/2021	16:51:45	78767.55	394739.29	41.30	Soil	13,620	1.48
08/23/2021	16:51:46	78767.50	394739.24	41.32	Soil	12,780	0.89
08/23/2021	16:51:47	78767.35	394739.07	41.32	Soil	10,320	-0.84
08/23/2021	16:51:48	78767.18	394739.22	41.32	Soil	12,780	0.89
08/23/2021	16:51:49	78767.09	394739.31	41.33	Soil	10,920	-0.41
08/23/2021	16:51:50	78767.05	394739.17	41.32	Soil	11,520	0.01
08/23/2021	16:51:51	78767.01	394739.14	41.33	Soil	11,880	0.26
08/23/2021	16:51:52	78766.94	394739.09	41.33	Soil	11,220	-0.20
08/23/2021	16:51:53	78766.75	394739.24	41.34	Soil	12,300	0.55
08/23/2021	16:51:54	78766.65	394739.11	41.34	Soil	12,660	0.81
08/23/2021	16:51:55	78766.60	394739.04	41.39	Soil	11,220	-0.20
08/23/2021	16:51:56	78766.45	394739.12	41.41	Soil	13,500	1.40
08/23/2021	16:51:57	78766.23	394739.23	41.43	Soil	12,000	0.34
08/23/2021	16:51:58	78766.15	394739.10	41.45	Soil	10,920	-0.41
08/23/2021	16:51:59	78766.03	394739.18	41.47	Soil	13,020	1.06
08/23/2021	16:52:00	78765.92	394739.23	41.50	Soil	12,660	0.81
08/23/2021	16:52:01	78765.75	394739.14	41.52	Soil	12,660	0.81
08/23/2021	16:52:02	78765.57	394739.35	41.52	Soil	11,700	0.13
08/23/2021	16:52:03	78765.38	394739.18	41.52	Soil	11,340	-0.12
08/23/2021	16:52:04	78765.30	394739.15	41.51	Soil	11,640	0.09

SU 7D GWS RESULTS
(SOIL)

08/23/2021	16:52:05	78765.06	394739.37	41.51	Soil	13,020	1.06
08/23/2021	16:52:06	78764.97	394739.29	41.54	Soil	12,540	0.72
08/23/2021	16:52:07	78764.83	394739.28	41.55	Soil	12,780	0.89
08/23/2021	16:52:08	78764.61	394739.44	41.57	Soil	11,760	0.18
08/23/2021	16:52:09	78764.46	394739.36	41.57	Soil	12,360	0.60
08/23/2021	16:52:10	78764.24	394739.56	41.57	Soil	11,220	-0.20
08/23/2021	16:52:11	78764.21	394739.43	41.57	Soil	13,980	1.73
08/23/2021	16:52:12	78764.03	394739.53	41.57	Soil	11,700	0.13
08/23/2021	16:52:13	78763.91	394739.60	41.56	Soil	11,280	-0.16
08/23/2021	16:52:14	78763.79	394739.47	41.54	Soil	11,760	0.18
08/23/2021	16:52:15	78763.78	394739.46	41.52	Soil	11,760	0.18
08/23/2021	16:52:16	78763.62	394739.62	41.52	Soil	11,520	0.01
08/23/2021	16:52:17	78763.46	394739.53	41.51	Soil	11,940	0.30
08/23/2021	16:52:18	78763.39	394739.27	41.49	Soil	11,700	0.13
08/23/2021	16:52:19	78763.41	394739.22	41.47	Soil	12,600	0.76
08/23/2021	16:52:20	78763.50	394739.17	41.45	Soil	13,440	1.35
08/23/2021	16:52:21	78763.61	394739.11	41.44	Soil	11,700	0.13
08/23/2021	16:52:22	78763.73	394739.22	41.45	Soil	13,020	1.06
08/23/2021	16:52:23	78763.94	394739.05	41.45	Soil	12,600	0.76
08/23/2021	16:52:24	78764.05	394739.21	41.45	Soil	12,720	0.85
08/23/2021	16:52:25	78764.24	394739.10	41.44	Soil	11,340	-0.12
08/23/2021	16:52:26	78764.28	394739.10	41.42	Soil	12,480	0.68
08/23/2021	16:52:27	78764.45	394739.34	41.40	Soil	11,820	0.22
08/23/2021	16:52:28	78764.48	394739.26	41.39	Soil	13,440	1.35
08/23/2021	16:52:29	78764.65	394739.07	41.37	Soil	12,960	1.02
08/23/2021	16:52:30	78764.73	394739.00	41.37	Soil	12,720	0.85
08/23/2021	16:52:31	78764.84	394739.10	41.36	Soil	10,920	-0.41
08/23/2021	16:52:32	78764.93	394739.15	41.34	Soil	13,560	1.44
08/23/2021	16:52:33	78764.95	394739.11	41.31	Soil	10,800	-0.50
08/23/2021	16:52:34	78765.10	394738.91	41.28	Soil	12,360	0.60
08/23/2021	16:52:35	78765.14	394738.87	41.26	Soil	9,120	-1.68
08/23/2021	16:52:36	78765.25	394739.03	41.23	Soil	10,920	-0.41
08/23/2021	16:52:37	78765.32	394739.13	41.20	Soil	10,560	-0.67
08/23/2021	16:52:38	78765.39	394738.98	41.17	Soil	12,600	0.76
08/23/2021	16:52:39	78765.56	394738.84	41.14	Soil	11,700	0.13
08/23/2021	16:52:40	78765.70	394739.06	41.11	Soil	13,320	1.27
08/23/2021	16:52:41	78765.77	394738.87	41.09	Soil	11,820	0.22
08/23/2021	16:52:42	78765.81	394738.81	41.06	Soil	11,220	-0.20
08/23/2021	16:52:43	78765.91	394739.01	41.05	Soil	11,340	-0.12
08/23/2021	16:52:44	78766.05	394738.84	41.05	Soil	11,280	-0.16
08/23/2021	16:52:45	78766.15	394738.92	41.01	Soil	11,640	0.09
08/23/2021	16:52:46	78766.22	394738.99	40.99	Soil	12,300	0.55
08/23/2021	16:52:47	78766.37	394738.86	40.97	Soil	11,820	0.22
08/23/2021	16:52:48	78766.47	394739.06	40.96	Soil	12,960	1.02
08/23/2021	16:52:49	78766.59	394738.95	40.96	Soil	13,500	1.40
08/23/2021	16:52:50	78766.68	394738.87	40.97	Soil	12,300	0.55
08/23/2021	16:52:51	78766.83	394739.02	40.99	Soil	12,960	1.02
08/23/2021	16:52:52	78767.00	394738.91	41.01	Soil	13,680	1.52
08/23/2021	16:52:53	78767.07	394738.93	41.01	Soil	12,540	0.72
08/23/2021	16:52:54	78767.18	394739.01	40.98	Soil	11,400	-0.08
08/23/2021	16:52:55	78767.36	394738.81	40.99	Soil	12,240	0.51

SU 7D GWS RESULTS
(SOIL)

08/23/2021	16:52:56	78767.45	394738.89	40.99	Soil	10,440	-0.75
08/23/2021	16:52:57	78767.56	394739.03	41.01	Soil	14,040	1.78
08/23/2021	16:52:58	78767.69	394739.00	41.02	Soil	11,820	0.22
08/23/2021	16:52:59	78767.95	394738.82	41.03	Soil	12,600	0.76
08/23/2021	16:53:00	78768.04	394738.85	41.01	Soil	11,460	-0.04
08/23/2021	16:53:01	78768.15	394739.00	40.93	Soil	12,480	0.68
08/23/2021	16:53:02	78768.43	394738.82	40.93	Soil	12,540	0.72
08/23/2021	16:53:03	78768.52	394738.92	40.90	Soil	11,340	-0.12
08/23/2021	16:53:04	78768.62	394738.96	40.89	Soil	12,960	1.02
08/23/2021	16:53:05	78768.79	394738.83	40.86	Soil	11,940	0.30
08/23/2021	16:53:06	78768.97	394739.05	40.88	Soil	12,780	0.89
08/23/2021	16:53:07	78769.02	394739.09	40.90	Soil	12,180	0.47
08/23/2021	16:53:08	78769.58	394738.78	40.89	Soil	12,960	1.02
08/23/2021	16:53:09	78769.65	394738.82	40.89	Soil	12,420	0.64
08/23/2021	16:53:10	78769.65	394738.76	40.92	Soil	11,160	-0.25
08/23/2021	16:53:11	78769.52	394738.82	40.91	Soil	12,300	0.55
08/23/2021	16:53:12	78769.29	394739.06	40.91	Soil	12,780	0.89
08/23/2021	16:53:13	78769.31	394738.92	40.93	Soil	12,360	0.60
08/23/2021	16:53:13	78769.31	394738.93	40.97	Soil	13,200	1.19
08/23/2021	16:53:14	78769.35	394738.74	40.96	Soil	11,700	0.13
08/23/2021	16:53:16	78769.35	394738.57	40.91	Soil	12,900	0.98
08/23/2021	16:53:16	78769.37	394738.57	40.89	Soil	9,960	-1.09
08/23/2021	16:53:17	78769.48	394738.85	40.88	Soil	12,780	0.89
08/23/2021	16:53:18	78769.74	394738.69	40.87	Soil	11,820	0.22
08/23/2021	16:53:20	78769.91	394738.64	40.88	Soil	11,760	0.18
08/23/2021	16:53:20	78769.92	394738.74	40.89	Soil	12,120	0.43
08/23/2021	16:53:21	78769.86	394739.07	40.89	Soil	12,120	0.43
08/23/2021	16:53:23	78769.87	394739.30	40.91	Soil	12,240	0.51
08/23/2021	16:53:23	78769.86	394739.36	40.91	Soil	11,640	0.09
08/23/2021	16:53:24	78769.90	394739.37	40.93	Soil	13,320	1.27
08/23/2021	16:53:25	78769.78	394739.25	40.91	Soil	12,660	0.81
08/23/2021	16:53:27	78769.62	394739.19	40.92	Soil	11,580	0.05
08/23/2021	16:53:27	78769.27	394739.50	40.92	Soil	11,220	-0.20
08/23/2021	16:53:28	78769.23	394739.42	40.90	Soil	11,460	-0.04
08/23/2021	16:53:29	78769.27	394739.48	40.91	Soil	12,600	0.76
08/23/2021	16:53:31	78769.14	394739.33	40.92	Soil	12,240	0.51
08/23/2021	16:53:31	78769.08	394739.26	40.92	Soil	13,200	1.19
08/23/2021	16:53:33	78768.95	394739.46	40.94	Soil	11,880	0.26
08/23/2021	16:53:34	78768.89	394739.34	40.94	Soil	10,740	-0.54
08/23/2021	16:53:35	78768.85	394739.29	40.94	Soil	11,100	-0.29
08/23/2021	16:53:36	78768.73	394739.30	40.96	Soil	11,760	0.18
08/23/2021	16:53:36	78768.48	394739.48	40.98	Soil	11,520	0.01
08/23/2021	16:53:38	78768.44	394739.52	41.03	Soil	12,420	0.64
08/23/2021	16:53:38	78768.25	394739.36	41.03	Soil	12,840	0.93
08/23/2021	16:53:39	78768.17	394739.27	41.01	Soil	14,160	1.86
08/23/2021	16:53:40	78767.99	394739.37	41.02	Soil	12,540	0.72
08/23/2021	16:53:41	78767.93	394739.26	41.02	Soil	11,340	-0.12
08/23/2021	16:53:43	78767.85	394739.34	41.03	Soil	11,940	0.30
08/23/2021	16:53:43	78767.73	394739.47	41.03	Soil	11,880	0.26
08/23/2021	16:53:44	78767.57	394739.34	41.03	Soil	12,960	1.02
08/23/2021	16:53:45	78767.50	394739.18	41.03	Soil	13,200	1.19

SU 7D GWS RESULTS
(SOIL)

08/23/2021	16:53:46	78767.31	394739.36	41.02	Soil	11,760	0.18
08/23/2021	16:53:47	78767.21	394739.42	41.02	Soil	10,080	-1.00
08/23/2021	16:53:48	78767.12	394739.27	41.02	Soil	9,540	-1.38
08/23/2021	16:53:49	78767.00	394739.36	41.02	Soil	11,820	0.22
08/23/2021	16:53:50	78766.94	394739.47	41.01	Soil	12,540	0.72
08/23/2021	16:53:51	78766.91	394739.49	41.02	Soil	10,920	-0.41
08/23/2021	16:53:52	78766.78	394739.36	41.04	Soil	11,040	-0.33
08/23/2021	16:53:53	78766.65	394739.39	41.04	Soil	12,240	0.51
08/23/2021	16:53:54	78766.61	394739.56	41.04	Soil	11,880	0.26
08/23/2021	16:54:35	78766.38	394739.52	41.03	Soil	11,460	-0.04
08/23/2021	16:54:36	78766.48	394739.54	41.03	Soil	11,040	-0.33
08/23/2021	16:54:37	78766.52	394739.53	41.03	Soil	11,460	-0.04
08/23/2021	16:54:38	78766.60	394739.58	41.05	Soil	10,920	-0.41
08/23/2021	16:54:39	78766.47	394739.42	41.10	Soil	13,380	1.31
08/23/2021	16:54:40	78766.27	394739.51	41.10	Soil	11,100	-0.29
08/23/2021	16:54:41	78766.11	394739.50	41.15	Soil	13,080	1.10
08/23/2021	16:54:42	78765.97	394739.41	41.16	Soil	12,660	0.81
08/23/2021	16:54:43	78765.80	394739.56	41.18	Soil	11,340	-0.12
08/23/2021	16:54:44	78765.66	394739.43	41.21	Soil	12,120	0.43
08/23/2021	16:54:45	78765.48	394739.64	41.21	Soil	12,540	0.72
08/23/2021	16:54:46	78765.30	394739.48	41.23	Soil	10,380	-0.79
08/23/2021	16:54:47	78765.10	394739.66	41.27	Soil	11,760	0.18
08/23/2021	16:54:48	78765.02	394739.64	41.27	Soil	14,100	1.82
08/23/2021	16:54:49	78764.89	394739.55	41.30	Soil	11,460	-0.04
08/23/2021	16:54:50	78764.70	394739.73	41.33	Soil	12,120	0.43
08/23/2021	16:54:51	78764.59	394739.51	41.36	Soil	12,720	0.85
08/23/2021	16:54:52	78764.48	394739.68	41.36	Soil	14,760	2.28
08/23/2021	16:54:53	78764.22	394739.60	41.36	Soil	12,540	0.72
08/23/2021	16:54:54	78764.16	394739.66	41.34	Soil	12,420	0.64
08/23/2021	16:54:55	78764.11	394739.89	41.31	Soil	12,120	0.43
08/23/2021	16:54:56	78763.87	394739.78	41.30	Soil	12,720	0.85
08/23/2021	16:54:57	78763.72	394739.94	41.30	Soil	11,460	-0.04
08/23/2021	16:54:58	78763.54	394739.95	41.29	Soil	11,040	-0.33
08/23/2021	16:54:59	78763.35	394739.99	41.29	Soil	12,600	0.76
08/23/2021	16:55:00	78763.20	394740.10	41.29	Soil	13,200	1.19
08/23/2021	16:55:01	78763.20	394740.09	41.28	Soil	12,300	0.55
08/23/2021	16:55:02	78763.32	394740.20	41.27	Soil	11,520	0.01
08/23/2021	16:55:03	78763.36	394740.35	41.23	Soil	10,080	-1.00
08/23/2021	16:55:04	78763.50	394740.10	41.22	Soil	13,320	1.27
08/23/2021	16:55:05	78763.61	394740.12	41.22	Soil	11,760	0.18
08/23/2021	16:55:06	78763.75	394740.08	41.21	Soil	11,340	-0.12
08/23/2021	16:55:07	78763.92	394739.90	41.24	Soil	12,600	0.76
08/23/2021	16:55:08	78764.06	394740.04	41.25	Soil	12,840	0.93
08/23/2021	16:55:09	78764.30	394739.78	41.25	Soil	12,180	0.47
08/23/2021	16:55:10	78764.43	394739.98	41.25	Soil	12,240	0.51
08/23/2021	16:55:11	78764.67	394739.82	41.25	Soil	13,080	1.10
08/23/2021	16:55:12	78764.76	394739.98	41.25	Soil	13,980	1.73
08/23/2021	16:55:12	78765.00	394739.82	41.26	Soil	12,600	0.76
08/23/2021	16:55:13	78765.12	394739.96	41.25	Soil	11,700	0.13
08/23/2021	16:55:14	78765.31	394739.78	41.22	Soil	9,060	-1.72
08/23/2021	16:55:16	78765.42	394739.87	41.22	Soil	11,760	0.18

SU 7D GWS RESULTS
(SOIL)

08/23/2021	16:55:16	78765.55	394739.82	41.22	Soil	11,340	-0.12
08/23/2021	16:55:17	78765.71	394739.85	41.20	Soil	12,540	0.72
08/23/2021	16:55:18	78765.86	394739.96	41.14	Soil	11,100	-0.29
08/23/2021	16:55:19	78766.03	394739.78	41.14	Soil	12,600	0.76
08/23/2021	16:55:20	78766.11	394739.89	41.07	Soil	12,300	0.55
08/23/2021	16:55:21	78766.26	394739.65	41.06	Soil	10,620	-0.62
08/23/2021	16:55:22	78766.35	394739.72	41.00	Soil	12,900	0.98
08/23/2021	16:55:23	78766.49	394739.72	41.00	Soil	11,580	0.05
08/23/2021	16:55:24	78766.66	394739.71	40.98	Soil	10,620	-0.62
08/23/2021	16:55:25	78766.72	394739.80	40.98	Soil	12,180	0.47
08/23/2021	16:55:26	78766.90	394739.57	40.96	Soil	11,940	0.30
08/23/2021	16:55:27	78766.98	394739.65	40.96	Soil	13,380	1.31
08/23/2021	16:55:28	78767.15	394739.59	40.96	Soil	11,580	0.05
08/23/2021	16:55:29	78767.30	394739.61	40.95	Soil	12,720	0.85
08/23/2021	16:55:30	78767.42	394739.70	40.94	Soil	10,620	-0.62
08/23/2021	16:55:31	78767.53	394739.49	40.94	Soil	11,700	0.13
08/23/2021	16:55:32	78767.58	394739.57	40.93	Soil	11,400	-0.08
08/23/2021	16:55:33	78767.79	394739.43	40.94	Soil	11,100	-0.29
08/23/2021	16:55:34	78767.91	394739.57	40.95	Soil	11,460	-0.04
08/23/2021	16:55:35	78768.06	394739.42	40.95	Soil	12,120	0.43
08/23/2021	16:55:36	78768.21	394739.37	40.92	Soil	11,760	0.18
08/23/2021	16:55:37	78768.43	394739.47	40.92	Soil	12,180	0.47
08/23/2021	16:55:38	78768.66	394739.30	40.92	Soil	12,480	0.68
08/23/2021	16:55:39	78768.71	394739.50	40.91	Soil	12,240	0.51
08/23/2021	16:55:40	78768.80	394739.40	40.90	Soil	12,360	0.60
08/23/2021	16:55:41	78768.91	394739.31	40.89	Soil	12,900	0.98
08/23/2021	16:55:42	78768.98	394739.53	40.87	Soil	13,140	1.14
08/23/2021	16:55:43	78769.16	394739.39	40.87	Soil	11,700	0.13
08/23/2021	16:55:44	78769.15	394739.70	40.88	Soil	11,880	0.26
08/23/2021	16:55:45	78769.63	394739.30	40.85	Soil	12,660	0.81
08/23/2021	16:55:46	78769.75	394739.52	40.79	Soil	11,160	-0.25
08/23/2021	16:55:47	78769.98	394739.35	40.79	Soil	12,780	0.89
08/23/2021	16:55:48	78770.08	394739.58	40.79	Soil	11,760	0.18
08/23/2021	16:55:49	78770.14	394739.81	40.83	Soil	11,280	-0.16
08/23/2021	16:55:50	78770.13	394739.78	40.83	Soil	11,880	0.26
08/23/2021	16:55:51	78770.05	394739.60	40.86	Soil	13,020	1.06
08/23/2021	16:55:52	78770.18	394740.03	40.79	Soil	11,880	0.26
08/23/2021	16:55:53	78770.50	394740.02	40.73	Soil	12,840	0.93
08/23/2021	16:55:54	78770.70	394740.17	40.68	Soil	13,020	1.06
08/23/2021	16:55:55	78770.74	394740.06	40.68	Soil	12,000	0.34
08/23/2021	16:55:56	78771.00	394740.16	40.67	Soil	11,940	0.30
08/23/2021	16:55:57	78771.05	394739.99	40.56	Soil	13,140	1.14
08/23/2021	16:55:58	78771.24	394740.05	40.43	Soil	11,520	0.01
08/23/2021	16:55:59	78771.41	394740.04	40.43	Soil	11,640	0.09
08/23/2021	16:56:00	78771.71	394740.03	40.39	Soil	12,000	0.34
08/23/2021	16:56:01	78771.88	394740.06	40.19	Soil	11,340	-0.12
08/23/2021	16:56:02	78771.89	394739.89	40.19	Soil	11,640	0.09
08/23/2021	16:56:03	78772.07	394739.91	40.19	Soil	10,440	-0.75
08/23/2021	16:56:04	78772.10	394739.92	40.15	Soil	12,660	0.81
08/23/2021	16:56:05	78772.17	394739.69	39.87	Soil	11,160	-0.25
08/23/2021	16:56:09	78772.21	394739.42	39.68	Soil	12,780	0.89

SU 7D GWS RESULTS
(SOIL)

08/23/2021	16:56:19	78772.07	394738.37	39.88	Soil	14,100	1.82
08/23/2021	16:56:20	78772.17	394738.05	39.87	Soil	11,280	-0.16
08/23/2021	16:56:25	78772.16	394738.23	39.99	Soil	12,360	0.60
08/23/2021	16:56:26	78771.91	394738.55	40.06	Soil	12,060	0.39
08/23/2021	16:56:27	78771.92	394738.54	40.06	Soil	12,120	0.43
08/23/2021	16:56:28	78771.91	394738.49	40.05	Soil	11,160	-0.25
08/23/2021	16:56:29	78771.91	394738.56	40.04	Soil	11,640	0.09
08/23/2021	16:56:30	78771.69	394738.40	40.26	Soil	12,240	0.51
08/23/2021	16:56:31	78771.37	394738.24	40.28	Soil	11,340	-0.12
08/23/2021	16:56:32	78771.46	394738.30	40.28	Soil	11,100	-0.29
08/23/2021	16:56:33	78771.43	394738.31	40.27	Soil	10,560	-0.67
08/23/2021	16:56:34	78771.34	394738.64	40.31	Soil	10,740	-0.54
08/23/2021	16:56:35	78771.05	394738.38	40.42	Soil	11,820	0.22
08/23/2021	16:56:36	78770.91	394738.49	40.42	Soil	14,280	1.94
08/23/2021	16:56:37	78771.08	394738.34	40.45	Soil	11,820	0.22
08/23/2021	16:56:38	78770.93	394738.59	40.61	Soil	12,060	0.39
08/23/2021	16:56:39	78770.82	394738.47	40.63	Soil	12,000	0.34
08/23/2021	16:56:40	78770.70	394738.50	40.68	Soil	12,180	0.47
08/23/2021	16:56:41	78770.63	394738.63	40.70	Soil	12,900	0.98
08/23/2021	16:56:42	78770.44	394738.48	40.74	Soil	12,960	1.02
08/23/2021	16:56:43	78770.22	394738.80	40.79	Soil	12,060	0.39
08/23/2021	16:56:44	78769.91	394738.73	40.82	Soil	12,180	0.47
08/23/2021	16:56:45	78769.96	394738.99	40.83	Soil	12,000	0.34
08/23/2021	16:56:46	78769.71	394739.29	40.83	Soil	12,060	0.39
08/23/2021	16:56:47	78769.83	394739.14	40.82	Soil	12,420	0.64
08/23/2021	16:56:48	78769.95	394739.15	40.73	Soil	12,240	0.51
08/23/2021	16:56:49	78770.17	394738.98	40.69	Soil	10,620	-0.62
08/23/2021	16:56:50	78770.39	394738.93	40.63	Soil	12,180	0.47
08/23/2021	16:56:51	78770.50	394738.97	40.61	Soil	11,760	0.18
08/23/2021	16:56:52	78770.70	394738.86	40.57	Soil	12,240	0.51
08/23/2021	16:56:53	78770.83	394738.96	40.54	Soil	11,880	0.26
08/23/2021	16:56:54	78770.98	394738.72	40.50	Soil	11,100	-0.29
08/23/2021	16:56:55	78771.06	394738.81	40.40	Soil	11,160	-0.25
08/23/2021	16:56:56	78771.10	394738.88	40.17	Soil	11,880	0.26
08/23/2021	16:56:57	78771.51	394738.57	40.15	Soil	12,240	0.51
08/23/2021	16:56:58	78771.63	394738.56	40.15	Soil	11,160	-0.25
08/23/2021	16:56:59	78771.64	394738.53	40.03	Soil	11,880	0.26
08/23/2021	16:57:00	78771.66	394738.66	39.88	Soil	11,640	0.09
08/23/2021	16:57:01	78771.74	394738.90	39.73	Soil	11,640	0.09
08/23/2021	16:57:02	78772.12	394738.97	39.75	Soil	11,520	0.01
08/23/2021	16:57:03	78772.21	394738.94	39.75	Soil	11,940	0.30
08/23/2021	16:57:04	78772.01	394739.00	39.70	Soil	12,360	0.60
08/23/2021	16:57:05	78772.09	394739.03	39.67	Soil	12,360	0.60
08/23/2021	16:57:06	78772.22	394739.02	39.78	Soil	11,520	0.01
08/23/2021	16:57:07	78771.93	394738.91	39.78	Soil	12,420	0.64
08/23/2021	16:57:08	78771.86	394738.95	39.87	Soil	13,620	1.48
08/23/2021	16:57:09	78771.66	394739.37	39.87	Soil	12,360	0.60
08/23/2021	16:57:10	78771.45	394739.48	40.10	Soil	12,840	0.93
08/23/2021	16:57:11	78771.17	394739.41	40.14	Soil	11,940	0.30
08/23/2021	16:57:12	78770.86	394739.51	40.24	Soil	12,660	0.81
08/23/2021	16:57:13	78770.59	394739.46	40.33	Soil	12,540	0.72

SU 7D GWS RESULTS
(SOIL)

08/23/2021	16:57:14	78770.35	394739.57	40.45	Soil	12,600	0.76
08/23/2021	16:57:15	78770.25	394739.64	40.71	Soil	12,720	0.85
08/23/2021	16:57:16	78769.81	394739.54	40.74	Soil	11,520	0.01
08/23/2021	16:57:17	78769.81	394739.81	40.76	Soil	11,160	-0.25
08/23/2021	16:57:18	78769.92	394740.08	40.73	Soil	16,260	3.33
08/23/2021	16:57:19	78770.12	394740.05	40.70	Soil	12,900	0.98
08/23/2021	16:57:20	78770.23	394740.08	40.67	Soil	12,300	0.55
08/23/2021	16:57:21	78770.32	394739.94	40.66	Soil	11,640	0.09
08/23/2021	16:57:22	78770.30	394739.86	40.65	Soil	11,040	-0.33
08/23/2021	16:57:23	78770.22	394739.86	40.66	Soil	12,660	0.81
08/23/2021	16:57:24	78770.27	394739.86	40.66	Soil	12,240	0.51
08/23/2021	16:57:25	78770.30	394739.86	40.67	Soil	14,940	2.41
08/23/2021	16:57:27	78770.30	394739.87	40.66	Soil	11,820	0.22
08/23/2021	16:57:27	78770.29	394739.86	40.66	Soil	12,060	0.39
08/23/2021	16:57:28	78770.28	394739.86	40.66	Soil	14,040	1.78
08/23/2021	16:57:29	78770.30	394739.85	40.66	Soil	12,300	0.55
08/23/2021	16:57:30	78770.30	394739.86	40.66	Soil	11,640	0.09
08/23/2021	16:57:31	78770.29	394739.86	40.66	Soil	13,680	1.52
08/23/2021	16:57:32	78770.28	394739.85	40.66	Soil	12,960	1.02
08/23/2021	16:57:33	78770.25	394739.83	40.66	Soil	11,520	0.01
08/23/2021	16:57:34	78770.24	394739.85	40.67	Soil	13,140	1.14
08/23/2021	16:57:35	78770.27	394739.86	40.65	Soil	13,740	1.56
08/23/2021	16:57:36	78770.29	394739.82	40.64	Soil	11,280	-0.16
08/23/2021	16:57:37	78770.31	394739.80	40.65	Soil	11,280	-0.16
08/23/2021	16:57:55	78770.14	394740.12	40.69	Soil	12,420	0.64
08/23/2021	16:57:56	78770.14	394740.12	40.68	Soil	13,800	1.61
08/23/2021	16:57:57	78770.22	394740.17	40.59	Soil	13,020	1.06
08/23/2021	16:57:58	78770.37	394740.02	40.57	Soil	11,520	0.01
08/23/2021	16:57:59	78770.57	394740.13	40.52	Soil	13,800	1.61
08/23/2021	16:58:00	78770.65	394739.92	40.48	Soil	11,280	-0.16
08/23/2021	16:58:01	78770.90	394739.91	40.49	Soil	10,680	-0.58
08/23/2021	16:58:02	78770.99	394739.92	40.47	Soil	11,580	0.05
08/23/2021	16:58:03	78770.91	394739.88	40.42	Soil	10,860	-0.46
08/23/2021	16:58:04	78771.19	394739.97	40.43	Soil	10,980	-0.37
08/23/2021	16:58:05	78771.21	394739.89	40.30	Soil	11,700	0.13
08/23/2021	16:58:06	78771.43	394739.90	40.29	Soil	11,040	-0.33
08/23/2021	16:58:07	78771.59	394739.83	40.14	Soil	11,820	0.22
08/23/2021	16:58:08	78771.55	394739.69	39.95	Soil	12,660	0.81
08/23/2021	16:58:09	78771.67	394739.45	39.94	Soil	10,800	-0.50
08/23/2021	16:58:10	78771.73	394739.46	39.92	Soil	10,800	-0.50
08/23/2021	16:58:11	78771.85	394739.61	39.93	Soil	12,720	0.85
08/23/2021	16:58:12	78772.00	394739.66	39.91	Soil	11,040	-0.33
08/23/2021	16:58:13	78772.10	394739.43	39.78	Soil	13,380	1.31
08/23/2021	16:58:14	78772.23	394739.44	39.71	Soil	10,920	-0.41
08/23/2021	16:58:17	78772.01	394739.34	39.76	Soil	13,440	1.35
08/23/2021	16:58:18	78771.86	394739.05	39.85	Soil	12,540	0.72
08/23/2021	16:58:19	78771.61	394739.36	39.90	Soil	11,760	0.18
08/23/2021	16:58:20	78771.51	394739.38	39.93	Soil	12,900	0.98
08/23/2021	16:58:21	78771.38	394739.29	39.99	Soil	12,360	0.60
08/23/2021	16:58:22	78771.14	394739.43	40.09	Soil	12,900	0.98
08/23/2021	16:58:23	78771.01	394739.48	40.19	Soil	13,320	1.27

SU 7D GWS RESULTS
(SOIL)

08/23/2021	16:58:24	78770.71	394739.45	40.25	Soil	12,600	0.76
08/23/2021	16:58:25	78770.50	394739.63	40.30	Soil	10,920	-0.41
08/23/2021	16:58:26	78770.38	394739.62	40.37	Soil	12,300	0.55
08/23/2021	16:58:27	78770.26	394739.49	40.44	Soil	11,400	-0.08
08/23/2021	16:58:28	78770.42	394739.85	40.61	Soil	13,320	1.27
08/23/2021	16:58:29	78770.34	394740.21	40.62	Soil	11,100	-0.29
08/23/2021	16:58:30	78770.44	394740.09	40.59	Soil	12,000	0.34
08/23/2021	16:58:31	78770.61	394740.15	40.55	Soil	11,460	-0.04
08/23/2021	16:58:32	78770.73	394740.05	40.53	Soil	11,700	0.13
08/23/2021	16:58:33	78770.76	394739.94	40.52	Soil	11,760	0.18
08/23/2021	16:58:34	78770.89	394740.01	40.49	Soil	12,000	0.34
08/23/2021	16:58:35	78771.01	394739.96	40.47	Soil	11,700	0.13
08/23/2021	16:58:36	78771.00	394739.88	40.45	Soil	13,320	1.27
08/23/2021	16:58:37	78771.14	394740.00	40.43	Soil	11,160	-0.25
08/23/2021	16:58:38	78771.26	394740.04	40.41	Soil	12,660	0.81
08/23/2021	16:58:39	78771.28	394739.92	40.37	Soil	9,960	-1.09
08/23/2021	16:58:40	78771.37	394740.08	40.33	Soil	10,920	-0.41
08/23/2021	16:58:41	78771.46	394739.99	40.29	Soil	11,040	-0.33
08/23/2021	16:58:42	78771.64	394739.96	40.23	Soil	11,340	-0.12
08/23/2021	16:58:43	78771.64	394739.89	40.11	Soil	12,720	0.85
08/23/2021	16:58:44	78771.64	394739.67	39.93	Soil	11,520	0.01
08/23/2021	16:58:45	78771.82	394739.40	39.91	Soil	12,900	0.98
08/23/2021	16:58:46	78771.94	394739.31	39.90	Soil	10,920	-0.41
08/23/2021	16:58:47	78771.87	394739.36	39.90	Soil	14,160	1.86
08/23/2021	16:58:48	78771.84	394739.32	39.86	Soil	11,040	-0.33
08/23/2021	16:58:49	78771.63	394739.31	39.96	Soil	11,400	-0.08
08/23/2021	16:58:50	78771.28	394739.19	40.07	Soil	11,400	-0.08
08/23/2021	16:58:51	78770.78	394738.81	40.41	Soil	11,520	0.01
08/23/2021	16:58:52	78770.69	394738.60	40.46	Soil	12,900	0.98
08/23/2021	16:58:53	78770.74	394738.87	40.47	Soil	13,080	1.10
08/23/2021	16:58:54	78770.78	394738.94	40.54	Soil	13,320	1.27
08/23/2021	16:58:55	78770.65	394738.74	40.57	Soil	11,520	0.01
08/23/2021	16:58:56	78770.48	394738.91	40.61	Soil	11,760	0.18
08/23/2021	16:58:57	78770.30	394738.79	40.57	Soil	12,720	0.85
08/23/2021	16:58:58	78770.32	394738.97	40.51	Soil	12,840	0.93
08/23/2021	16:58:59	78770.25	394739.10	40.34	Soil	11,460	-0.04
08/23/2021	16:59:00	78770.46	394739.45	40.34	Soil	12,060	0.39
08/23/2021	16:59:01	78770.51	394739.48	40.34	Soil	11,760	0.18
08/23/2021	16:59:02	78770.53	394739.50	40.34	Soil	11,940	0.30
08/23/2021	16:59:03	78770.52	394739.50	40.40	Soil	12,120	0.43
08/23/2021	16:59:04	78770.17	394739.13	40.62	Soil	11,820	0.22
08/23/2021	16:59:05	78770.00	394739.05	40.76	Soil	11,940	0.30
08/23/2021	16:59:06	78769.84	394739.41	40.77	Soil	12,480	0.68
08/23/2021	16:59:07	78769.46	394739.60	40.79	Soil	13,260	1.23
08/23/2021	16:59:08	78769.37	394739.86	40.81	Soil	10,380	-0.79
08/23/2021	16:59:09	78769.40	394739.94	40.82	Soil	12,540	0.72
08/23/2021	16:59:10	78769.29	394739.70	40.77	Soil	11,580	0.05
08/23/2021	16:59:11	78769.14	394739.95	40.76	Soil	12,060	0.39
08/23/2021	16:59:12	78768.99	394739.86	40.79	Soil	11,400	-0.08
08/23/2021	16:59:13	78768.75	394739.97	40.81	Soil	11,340	-0.12
08/23/2021	16:59:14	78768.66	394739.83	40.80	Soil	13,020	1.06

SU 7D GWS RESULTS
(SOIL)

08/23/2021	16:59:15	78768.50	394739.78	40.89	Soil	12,600	0.76
08/23/2021	16:59:16	78768.27	394739.82	40.91	Soil	12,540	0.72
08/23/2021	16:59:17	78768.22	394739.66	40.90	Soil	11,160	-0.25
08/23/2021	16:59:18	78768.07	394739.86	40.89	Soil	10,200	-0.92
08/23/2021	16:59:19	78768.02	394739.88	40.87	Soil	12,720	0.85
08/23/2021	16:59:20	78767.92	394739.72	40.86	Soil	11,220	-0.20
08/23/2021	16:59:21	78767.78	394739.85	40.86	Soil	12,060	0.39
08/23/2021	16:59:22	78767.73	394739.91	40.87	Soil	13,020	1.06
08/23/2021	16:59:23	78767.65	394739.69	40.87	Soil	11,580	0.05
08/23/2021	16:59:24	78767.63	394739.62	40.87	Soil	12,540	0.72
08/23/2021	16:59:25	78767.41	394739.77	40.88	Soil	12,660	0.81
08/23/2021	16:59:26	78767.29	394739.66	40.87	Soil	10,680	-0.58
08/23/2021	16:59:27	78767.27	394739.55	40.87	Soil	10,140	-0.96
08/23/2021	16:59:28	78767.17	394739.73	40.87	Soil	13,380	1.31
08/23/2021	16:59:29	78767.11	394739.81	40.87	Soil	11,280	-0.16
08/23/2021	16:59:30	78767.06	394739.78	40.89	Soil	12,180	0.47
08/23/2021	16:59:31	78766.91	394739.61	40.90	Soil	11,640	0.09
08/23/2021	16:59:32	78766.76	394739.76	40.91	Soil	10,860	-0.46
08/23/2021	16:59:33	78766.71	394739.77	40.91	Soil	10,020	-1.05
08/23/2021	16:59:34	78766.63	394739.67	40.92	Soil	12,660	0.81
08/23/2021	16:59:35	78766.52	394739.82	40.94	Soil	12,000	0.34
08/23/2021	16:59:36	78766.38	394739.66	40.96	Soil	9,720	-1.26
08/23/2021	16:59:37	78766.24	394739.67	41.00	Soil	10,680	-0.58
08/23/2021	16:59:38	78766.03	394739.72	41.03	Soil	11,160	-0.25
08/23/2021	16:59:39	78765.82	394739.59	41.11	Soil	12,360	0.60
08/23/2021	16:59:40	78765.62	394739.73	41.12	Soil	11,580	0.05
08/23/2021	16:59:41	78765.43	394739.57	41.14	Soil	12,420	0.64
08/23/2021	16:59:42	78765.25	394739.71	41.16	Soil	11,520	0.01
08/23/2021	16:59:43	78765.06	394739.72	41.16	Soil	12,420	0.64
08/23/2021	16:59:44	78764.86	394739.83	41.19	Soil	13,260	1.23
08/23/2021	16:59:45	78764.63	394739.94	41.20	Soil	12,060	0.39
08/23/2021	16:59:46	78764.42	394739.94	41.22	Soil	11,760	0.18
08/23/2021	16:59:47	78764.38	394740.22	41.21	Soil	12,840	0.93
08/23/2021	16:59:48	78764.16	394740.17	41.18	Soil	11,940	0.30
08/23/2021	16:59:49	78764.01	394740.41	41.15	Soil	13,140	1.14
08/23/2021	16:59:50	78763.72	394740.42	41.18	Soil	11,580	0.05
08/23/2021	16:59:51	78763.90	394740.53	41.16	Soil	12,180	0.47
08/23/2021	16:59:52	78763.82	394740.71	41.18	Soil	12,360	0.60
08/23/2021	16:59:53	78763.97	394740.45	41.18	Soil	12,240	0.51
08/23/2021	16:59:54	78764.11	394740.55	41.21	Soil	13,440	1.35
08/23/2021	16:59:55	78764.21	394740.24	41.22	Soil	13,020	1.06
08/23/2021	16:59:56	78764.36	394740.26	41.21	Soil	10,020	-1.05
08/23/2021	16:59:57	78764.56	394740.19	41.21	Soil	10,200	-0.92
08/23/2021	16:59:58	78764.72	394740.16	41.19	Soil	11,760	0.18
08/23/2021	16:59:59	78764.79	394740.09	41.19	Soil	11,760	0.18
08/23/2021	17:00:00	78764.88	394740.00	41.19	Soil	11,100	-0.29
08/23/2021	17:00:01	78764.97	394740.17	41.18	Soil	13,740	1.56
08/23/2021	17:00:02	78765.14	394740.04	41.18	Soil	10,440	-0.75
08/23/2021	17:00:03	78765.24	394740.13	41.17	Soil	11,220	-0.20
08/23/2021	17:00:04	78765.34	394740.16	41.16	Soil	13,980	1.73
08/23/2021	17:00:05	78765.47	394740.05	41.15	Soil	10,560	-0.67

SU 7D GWS RESULTS
(SOIL)

08/23/2021	17:00:06	78765.56	394740.24	41.13	Soil	11,340	-0.12
08/23/2021	17:00:07	78765.72	394740.06	41.13	Soil	12,120	0.43
08/23/2021	17:00:08	78765.85	394740.14	41.10	Soil	12,240	0.51
08/23/2021	17:00:09	78765.91	394740.16	41.08	Soil	11,640	0.09
08/23/2021	17:00:10	78766.03	394739.98	41.06	Soil	12,480	0.68
08/23/2021	17:00:11	78766.11	394740.14	41.02	Soil	11,820	0.22
08/23/2021	17:00:12	78766.25	394740.01	41.03	Soil	13,080	1.10
08/23/2021	17:00:13	78766.39	394740.06	41.02	Soil	11,220	-0.20
08/23/2021	17:00:14	78766.45	394740.13	41.02	Soil	10,920	-0.41
08/23/2021	17:00:15	78766.63	394739.93	41.03	Soil	12,180	0.47
08/23/2021	17:00:16	78766.74	394740.08	41.02	Soil	11,100	-0.29
08/23/2021	17:00:17	78766.88	394739.96	41.02	Soil	10,980	-0.37
08/23/2021	17:00:18	78766.98	394739.97	41.01	Soil	12,060	0.39
08/23/2021	17:00:19	78767.09	394740.09	41.00	Soil	12,060	0.39
08/23/2021	17:00:20	78767.22	394739.91	40.99	Soil	12,960	1.02
08/23/2021	17:00:21	78767.32	394740.05	40.99	Soil	11,460	-0.04
08/23/2021	17:00:22	78767.42	394740.02	40.99	Soil	11,880	0.26
08/23/2021	17:00:23	78767.55	394739.95	41.00	Soil	11,880	0.26
08/23/2021	17:00:24	78767.66	394740.10	41.02	Soil	12,120	0.43
08/23/2021	17:00:25	78767.88	394739.93	41.04	Soil	12,660	0.81
08/23/2021	17:00:26	78768.02	394740.01	41.05	Soil	11,100	-0.29
08/23/2021	17:00:27	78768.13	394740.01	41.03	Soil	12,180	0.47
08/23/2021	17:00:28	78768.27	394739.96	41.00	Soil	11,520	0.01
08/23/2021	17:00:29	78768.41	394740.03	40.97	Soil	11,160	-0.25
08/23/2021	17:00:30	78768.61	394739.83	40.97	Soil	13,200	1.19
08/23/2021	17:00:31	78768.75	394739.92	40.97	Soil	13,560	1.44
08/23/2021	17:00:32	78768.91	394739.82	40.98	Soil	11,520	0.01
08/23/2021	17:00:33	78768.97	394739.76	40.98	Soil	11,580	0.05
08/23/2021	17:00:34	78769.07	394739.99	40.97	Soil	11,760	0.18
08/23/2021	17:00:35	78769.37	394739.79	40.99	Soil	12,000	0.34
08/23/2021	17:00:36	78769.59	394739.85	41.00	Soil	13,740	1.56
08/23/2021	17:00:37	78769.65	394739.85	40.99	Soil	13,500	1.40
08/23/2021	17:00:38	78769.65	394739.79	40.98	Soil	12,540	0.72
08/23/2021	17:00:39	78769.71	394740.07	40.94	Soil	11,100	-0.29
08/23/2021	17:00:40	78769.87	394740.16	40.93	Soil	14,100	1.82
08/23/2021	17:00:41	78769.95	394740.21	40.94	Soil	11,640	0.09
08/23/2021	17:00:42	78770.11	394740.50	40.92	Soil	13,440	1.35
08/23/2021	17:00:43	78770.27	394740.45	40.92	Soil	11,040	-0.33
08/23/2021	17:00:44	78770.38	394740.46	40.88	Soil	10,440	-0.75
08/23/2021	17:00:45	78770.52	394740.59	40.81	Soil	11,400	-0.08
08/23/2021	17:00:46	78770.68	394740.45	40.78	Soil	12,600	0.76
08/23/2021	17:00:47	78770.81	394740.55	40.72	Soil	11,820	0.22
08/23/2021	17:00:48	78770.93	394740.48	40.68	Soil	10,140	-0.96
08/23/2021	17:00:49	78771.08	394740.53	40.65	Soil	11,400	-0.08
08/23/2021	17:00:50	78771.18	394740.58	40.60	Soil	12,840	0.93
08/23/2021	17:00:51	78771.27	394740.43	40.58	Soil	11,220	-0.20
08/23/2021	17:00:52	78771.39	394740.51	40.53	Soil	11,160	-0.25
08/23/2021	17:00:53	78771.44	394740.31	40.53	Soil	11,040	-0.33
08/23/2021	17:00:54	78771.47	394740.28	40.47	Soil	11,700	0.13
08/23/2021	17:00:55	78771.56	394740.32	40.41	Soil	13,500	1.40
08/23/2021	17:00:56	78771.61	394740.19	40.40	Soil	13,860	1.65

SU 7D GWS RESULTS
(SOIL)

08/23/2021	17:00:57	78771.67	394740.21	40.39	Soil	10,920	-0.41
08/23/2021	17:00:58	78771.84	394740.33	40.21	Soil	11,220	-0.20
08/23/2021	17:00:59	78772.04	394740.36	40.19	Soil	13,740	1.56
08/23/2021	17:01:00	78772.10	394740.34	40.14	Soil	10,800	-0.50
08/23/2021	17:01:01	78772.09	394740.11	40.09	Soil	12,360	0.60
08/23/2021	17:01:02	78772.15	394740.04	40.08	Soil	11,400	-0.08
08/23/2021	17:01:03	78772.26	394740.03	40.05	Soil	11,820	0.22
08/23/2021	17:01:04	78772.33	394740.04	39.99	Soil	11,940	0.30
08/23/2021	17:01:05	78772.29	394739.91	40.00	Soil	11,820	0.22
08/23/2021	17:01:06	78772.22	394739.81	39.95	Soil	10,500	-0.71
08/23/2021	17:01:07	78772.17	394739.86	40.04	Soil	11,040	-0.33
08/23/2021	17:01:08	78771.98	394740.19	40.33	Soil	12,780	0.89
08/23/2021	17:01:09	78771.80	394740.55	40.48	Soil	11,700	0.13
08/23/2021	17:01:10	78771.56	394740.45	40.55	Soil	12,240	0.51
08/23/2021	17:01:11	78771.34	394740.43	40.64	Soil	11,580	0.05
08/23/2021	17:01:12	78771.16	394740.48	40.68	Soil	11,340	-0.12
08/23/2021	17:01:13	78770.97	394740.37	40.74	Soil	12,600	0.76
08/23/2021	17:01:14	78770.82	394740.48	40.79	Soil	12,540	0.72
08/23/2021	17:06:07	78764.01	394740.30	40.98	Soil	12,480	0.68
08/23/2021	17:06:08	78764.03	394740.34	40.98	Soil	10,980	-0.37
08/23/2021	17:06:09	78764.03	394740.36	41.00	Soil	12,540	0.72
08/23/2021	17:06:10	78764.13	394740.23	41.00	Soil	13,680	1.52
08/23/2021	17:06:11	78764.30	394740.31	41.00	Soil	11,040	-0.33
08/23/2021	17:06:12	78764.45	394740.36	41.00	Soil	11,520	0.01
08/23/2021	17:06:13	78764.58	394740.28	41.01	Soil	12,300	0.55
08/23/2021	17:06:14	78764.68	394740.39	41.01	Soil	11,760	0.18
08/23/2021	17:06:15	78764.77	394740.43	41.01	Soil	11,700	0.13
08/23/2021	17:06:16	78764.88	394740.34	41.03	Soil	11,760	0.18
08/23/2021	17:06:17	78765.00	394740.48	41.03	Soil	11,460	-0.04
08/23/2021	17:06:18	78765.10	394740.46	41.03	Soil	11,880	0.26
08/23/2021	17:06:19	78765.19	394740.32	41.04	Soil	12,960	1.02
08/23/2021	17:06:20	78765.28	394740.44	41.03	Soil	11,640	0.09
08/23/2021	17:06:21	78765.37	394740.44	41.03	Soil	11,220	-0.20
08/23/2021	17:06:22	78765.49	394740.37	41.04	Soil	12,180	0.47
08/23/2021	17:06:23	78765.58	394740.46	41.03	Soil	11,700	0.13
08/23/2021	17:06:24	78765.72	394740.44	41.04	Soil	11,280	-0.16
08/23/2021	17:06:25	78765.83	394740.41	41.02	Soil	13,380	1.31
08/23/2021	17:06:26	78765.93	394740.55	41.02	Soil	10,800	-0.50
08/23/2021	17:06:27	78766.05	394740.48	41.01	Soil	12,120	0.43
08/23/2021	17:06:28	78766.18	394740.49	41.00	Soil	11,940	0.30
08/23/2021	17:06:29	78766.30	394740.52	40.97	Soil	13,920	1.69
08/23/2021	17:06:30	78766.44	394740.37	40.97	Soil	11,760	0.18
08/23/2021	17:06:31	78766.56	394740.42	40.96	Soil	13,020	1.06
08/23/2021	17:06:32	78766.65	394740.40	40.95	Soil	11,820	0.22
08/23/2021	17:06:33	78766.75	394740.27	40.94	Soil	12,480	0.68
08/23/2021	17:06:34	78766.87	394740.34	40.92	Soil	11,820	0.22
08/23/2021	17:06:35	78767.03	394740.27	40.93	Soil	10,620	-0.62
08/23/2021	17:06:36	78767.17	394740.31	40.91	Soil	11,520	0.01
08/23/2021	17:06:37	78767.29	394740.32	40.92	Soil	11,340	-0.12
08/23/2021	17:06:38	78767.42	394740.24	40.92	Soil	12,960	1.02
08/23/2021	17:06:39	78767.56	394740.35	40.91	Soil	10,740	-0.54

SU 7D GWS RESULTS
(SOIL)

08/23/2021	17:06:40	78767.70	394740.22	40.91	Soil	12,060	0.39
08/23/2021	17:06:41	78767.83	394740.22	40.91	Soil	11,760	0.18
08/23/2021	17:06:42	78767.99	394740.31	40.94	Soil	12,480	0.68
08/23/2021	17:06:43	78768.16	394740.20	40.96	Soil	13,920	1.69
08/23/2021	17:06:44	78768.33	394740.37	40.95	Soil	11,160	-0.25
08/23/2021	17:06:45	78768.49	394740.24	40.94	Soil	13,800	1.61
08/23/2021	17:06:46	78768.58	394740.12	40.91	Soil	11,340	-0.12
08/23/2021	17:06:47	78768.70	394740.24	40.88	Soil	13,020	1.06
08/23/2021	17:06:48	78768.71	394740.26	40.86	Soil	11,820	0.22
08/23/2021	17:06:49	78768.78	394740.12	40.84	Soil	12,540	0.72
08/23/2021	17:06:50	78768.85	394740.18	40.81	Soil	13,320	1.27
08/23/2021	17:06:51	78768.96	394740.15	40.81	Soil	13,860	1.65
08/23/2021	17:06:52	78769.03	394740.05	40.80	Soil	14,580	2.15
08/23/2021	17:06:53	78769.08	394740.01	40.79	Soil	11,520	0.01
08/23/2021	17:06:54	78769.20	394740.22	40.75	Soil	12,540	0.72
08/23/2021	17:06:55	78769.48	394740.12	40.77	Soil	12,600	0.76
08/23/2021	17:06:56	78769.72	394739.93	40.78	Soil	11,820	0.22
08/23/2021	17:06:57	78769.81	394739.98	40.79	Soil	10,920	-0.41
08/23/2021	17:06:58	78769.83	394740.13	40.76	Soil	13,380	1.31
08/23/2021	17:06:59	78769.88	394740.12	40.74	Soil	11,760	0.18
08/23/2021	17:07:00	78770.01	394740.22	40.73	Soil	11,220	-0.20
08/23/2021	17:07:01	78770.18	394740.52	40.75	Soil	12,480	0.68
08/23/2021	17:07:02	78770.14	394740.49	40.74	Soil	12,720	0.85
08/23/2021	17:07:03	78770.00	394740.65	40.74	Soil	14,700	2.24
08/23/2021	17:07:04	78769.90	394740.73	40.73	Soil	13,620	1.48
08/23/2021	17:07:05	78769.88	394740.73	40.72	Soil	12,840	0.93
08/23/2021	17:07:06	78769.88	394740.73	40.71	Soil	14,940	2.41
08/23/2021	17:07:07	78769.87	394740.72	40.71	Soil	12,720	0.85
08/23/2021	17:07:08	78769.87	394740.71	40.70	Soil	12,180	0.47
08/23/2021	17:07:09	78769.86	394740.71	40.69	Soil	12,780	0.89
08/23/2021	17:07:10	78769.84	394740.71	40.69	Soil	11,160	-0.25
08/23/2021	17:07:11	78769.82	394740.69	40.69	Soil	12,720	0.85
08/23/2021	17:07:12	78769.82	394740.69	40.68	Soil	12,480	0.68
08/23/2021	17:07:13	78769.82	394740.73	40.67	Soil	13,200	1.19
08/23/2021	17:07:14	78769.81	394740.78	40.65	Soil	12,660	0.81
08/23/2021	17:07:15	78769.87	394740.84	40.63	Soil	11,820	0.22
08/23/2021	17:07:16	78769.99	394740.67	40.63	Soil	13,200	1.19
08/23/2021	17:07:17	78770.03	394740.59	40.62	Soil	12,000	0.34
08/23/2021	17:07:18	78770.02	394740.60	40.63	Soil	12,840	0.93
08/23/2021	17:07:19	78770.01	394740.62	40.62	Soil	11,040	-0.33
08/23/2021	17:07:20	78770.00	394740.64	40.62	Soil	13,500	1.40
08/23/2021	17:07:21	78770.00	394740.65	40.62	Soil	12,180	0.47
08/23/2021	17:07:22	78769.98	394740.65	40.62	Soil	11,940	0.30
08/23/2021	17:07:23	78770.00	394740.62	40.63	Soil	11,280	-0.16
08/23/2021	17:07:24	78770.02	394740.60	40.62	Soil	12,540	0.72
08/23/2021	17:07:25	78769.98	394740.62	40.62	Soil	12,240	0.51
08/23/2021	17:07:26	78769.97	394740.64	40.61	Soil	11,040	-0.33
08/23/2021	17:07:27	78769.97	394740.64	40.62	Soil	12,660	0.81
08/23/2021	17:07:28	78769.97	394740.63	40.62	Soil	13,080	1.10
08/23/2021	17:07:29	78769.97	394740.63	40.64	Soil	13,380	1.31
08/23/2021	17:07:30	78770.04	394740.61	40.63	Soil	11,700	0.13

SU 7D GWS RESULTS
(SOIL)

08/23/2021	17:07:31	78770.08	394740.80	40.63	Soil	13,200	1.19
08/23/2021	17:07:32	78770.09	394740.90	40.61	Soil	12,360	0.60
08/23/2021	17:07:33	78770.09	394740.92	40.60	Soil	11,940	0.30
08/23/2021	17:07:34	78770.09	394740.92	40.59	Soil	12,240	0.51
08/23/2021	17:07:35	78770.09	394740.93	40.57	Soil	14,340	1.99
08/23/2021	17:07:36	78770.08	394740.93	40.57	Soil	12,660	0.81
08/23/2021	17:07:37	78770.09	394740.92	40.55	Soil	10,500	-0.71
08/23/2021	17:07:38	78770.05	394740.92	40.54	Soil	11,220	-0.20
08/23/2021	17:07:39	78769.94	394740.90	40.54	Soil	10,800	-0.50
08/23/2021	17:07:40	78769.94	394740.92	40.53	Soil	10,320	-0.84
08/23/2021	17:07:41	78769.94	394740.93	40.53	Soil	11,580	0.05
08/23/2021	17:07:42	78769.96	394740.94	40.52	Soil	13,140	1.14
08/23/2021	17:07:43	78770.03	394741.01	40.52	Soil	12,120	0.43
08/23/2021	17:07:44	78770.05	394741.02	40.52	Soil	10,680	-0.58
08/23/2021	17:07:45	78770.07	394741.04	40.52	Soil	13,440	1.35
08/23/2021	17:07:46	78769.97	394740.92	40.52	Soil	11,400	-0.08
08/23/2021	17:07:47	78769.90	394740.77	40.51	Soil	13,860	1.65
08/23/2021	17:07:48	78769.84	394740.86	40.51	Soil	11,580	0.05
08/23/2021	17:07:49	78769.82	394740.66	40.47	Soil	13,080	1.10
08/23/2021	17:07:50	78769.50	394740.73	40.47	Soil	13,740	1.56
08/23/2021	17:07:51	78769.25	394740.86	40.48	Soil	13,440	1.35
08/23/2021	17:07:52	78769.19	394740.79	40.48	Soil	12,600	0.76
08/23/2021	17:45:48	78769.34	394740.58	40.72	Soil	10,560	-0.67
08/23/2021	17:45:49	78769.37	394740.65	40.71	Soil	12,900	0.98
08/23/2021	17:45:50	78769.42	394740.75	40.72	Soil	10,560	-0.67
08/23/2021	17:45:51	78769.44	394740.62	40.65	Soil	12,120	0.43
08/23/2021	17:45:52	78769.40	394740.78	40.65	Soil	13,860	1.65
08/23/2021	17:45:53	78769.30	394740.91	40.66	Soil	12,840	0.93
08/23/2021	17:45:54	78769.26	394740.77	40.65	Soil	12,900	0.98
08/23/2021	17:45:55	78769.32	394740.94	40.65	Soil	12,960	1.02
08/23/2021	17:45:56	78769.31	394740.96	40.66	Soil	14,580	2.15
08/23/2021	17:45:57	78769.33	394740.92	40.65	Soil	12,240	0.51
08/23/2021	17:45:58	78769.32	394740.91	40.65	Soil	13,320	1.27
08/23/2021	17:45:59	78769.32	394740.89	40.64	Soil	14,040	1.78
08/23/2021	17:46:00	78769.32	394740.90	40.62	Soil	15,180	2.58
08/23/2021	17:46:01	78769.40	394741.08	40.63	Soil	11,700	0.13
08/23/2021	17:46:02	78769.33	394740.91	40.63	Soil	10,860	-0.46
08/23/2021	17:46:03	78769.51	394740.80	40.64	Soil	10,140	-0.96
08/23/2021	17:46:04	78769.74	394740.88	40.66	Soil	11,160	-0.25
08/23/2021	17:46:05	78769.60	394740.82	40.62	Soil	14,220	1.90
08/23/2021	17:46:06	78769.69	394741.06	40.62	Soil	12,420	0.64
08/23/2021	17:46:07	78769.71	394741.11	40.61	Soil	11,220	-0.20
08/23/2021	17:46:08	78769.83	394741.20	40.63	Soil	12,660	0.81
08/23/2021	17:46:09	78769.80	394741.23	40.63	Soil	11,400	-0.08
08/23/2021	17:46:10	78769.68	394741.28	40.62	Soil	11,280	-0.16
08/23/2021	17:46:11	78769.73	394741.14	40.67	Soil	11,220	-0.20
08/23/2021	17:46:12	78769.50	394740.69	40.66	Soil	11,880	0.26
08/23/2021	17:46:13	78769.56	394740.78	40.66	Soil	12,240	0.51
08/23/2021	17:46:14	78769.42	394740.47	40.64	Soil	12,000	0.34
08/23/2021	17:46:15	78769.38	394740.53	40.64	Soil	10,620	-0.62
08/23/2021	17:46:16	78769.40	394740.40	40.64	Soil	9,960	-1.09

SU 7D GWS RESULTS
(SOIL)

08/23/2021	17:46:17	78769.40	394740.44	40.61	Soil	10,620	-0.62
08/23/2021	17:46:18	78769.40	394740.40	40.56	Soil	9,780	-1.21
08/23/2021	17:46:19	78769.27	394740.63	40.57	Soil	12,840	0.93
08/23/2021	17:46:20	78769.15	394740.51	40.56	Soil	11,640	0.09
08/23/2021	17:46:21	78769.07	394740.50	40.55	Soil	11,700	0.13
08/23/2021	17:46:22	78768.99	394740.60	40.54	Soil	11,640	0.09
08/23/2021	17:46:23	78768.80	394740.50	40.53	Soil	12,300	0.55
08/23/2021	17:46:24	78768.67	394740.46	40.54	Soil	11,940	0.30
08/23/2021	17:46:25	78768.60	394740.49	40.61	Soil	13,920	1.69
08/23/2021	17:46:26	78768.51	394740.63	40.63	Soil	11,520	0.01
08/23/2021	17:46:27	78768.38	394740.55	40.62	Soil	11,340	-0.12
08/23/2021	17:46:28	78768.33	394740.75	40.62	Soil	11,580	0.05
08/23/2021	17:46:29	78768.22	394740.67	40.60	Soil	10,800	-0.50
08/23/2021	17:46:30	78768.15	394740.79	40.58	Soil	10,740	-0.54
08/23/2021	17:46:31	78768.04	394740.77	40.57	Soil	10,920	-0.41
08/23/2021	17:46:32	78767.94	394740.84	40.57	Soil	10,320	-0.84
08/23/2021	17:46:33	78767.84	394740.94	40.58	Soil	12,480	0.68
08/23/2021	17:46:34	78767.72	394740.76	40.58	Soil	9,240	-1.59
08/23/2021	17:46:35	78767.69	394740.67	40.56	Soil	10,740	-0.54
08/23/2021	17:46:36	78767.50	394740.74	40.56	Soil	10,020	-1.05
08/23/2021	17:46:37	78767.42	394740.58	40.56	Soil	11,760	0.18
08/23/2021	17:46:38	78767.45	394740.45	40.56	Soil	11,640	0.09
08/23/2021	17:46:39	78767.54	394740.53	40.57	Soil	12,300	0.55
08/23/2021	17:46:40	78767.57	394740.54	40.54	Soil	11,520	0.01
08/23/2021	17:46:41	78767.64	394740.69	40.56	Soil	12,360	0.60
08/23/2021	17:46:42	78767.76	394740.79	40.55	Soil	12,180	0.47
08/23/2021	17:46:43	78767.80	394740.87	40.55	Soil	13,800	1.61
08/23/2021	17:46:44	78767.74	394740.76	40.58	Soil	10,980	-0.37
08/23/2021	17:46:45	78767.99	394741.12	40.59	Soil	10,440	-0.75
08/23/2021	17:46:46	78768.06	394741.18	40.58	Soil	11,580	0.05
08/23/2021	17:46:47	78768.08	394741.22	40.57	Soil	10,380	-0.79
08/23/2021	17:46:48	78768.04	394741.03	40.58	Soil	12,180	0.47
08/23/2021	17:46:49	78768.04	394740.75	40.58	Soil	11,160	-0.25
08/23/2021	17:46:50	78768.10	394740.75	40.57	Soil	11,700	0.13
08/23/2021	17:46:51	78768.11	394740.79	40.57	Soil	11,640	0.09
08/23/2021	17:46:52	78768.29	394740.86	40.57	Soil	11,760	0.18
08/23/2021	17:46:53	78768.21	394740.69	40.57	Soil	11,940	0.30
08/23/2021	17:46:54	78768.16	394740.54	40.58	Soil	11,460	-0.04
08/23/2021	17:46:55	78768.17	394740.52	40.57	Soil	10,800	-0.50
08/23/2021	17:46:56	78768.21	394740.55	40.58	Soil	10,500	-0.71
08/23/2021	17:46:57	78768.32	394740.62	40.61	Soil	11,400	-0.08
08/23/2021	17:46:58	78768.21	394740.38	40.62	Soil	10,500	-0.71
08/23/2021	17:46:59	78768.18	394740.32	40.62	Soil	11,100	-0.29
08/23/2021	17:47:00	78768.17	394740.30	40.61	Soil	9,180	-1.64
08/23/2021	17:47:01	78768.13	394740.29	40.61	Soil	12,360	0.60
08/23/2021	17:47:02	78768.13	394740.46	40.61	Soil	11,820	0.22
08/23/2021	17:47:03	78768.14	394740.52	40.61	Soil	11,580	0.05
08/23/2021	17:47:04	78768.12	394740.58	40.59	Soil	12,420	0.64
08/23/2021	17:47:05	78768.00	394740.39	40.59	Soil	11,700	0.13
08/23/2021	17:47:06	78767.91	394740.27	40.58	Soil	12,240	0.51
08/23/2021	17:47:07	78767.84	394740.46	40.58	Soil	11,760	0.18

SU 7D GWS RESULTS
(SOIL)

08/23/2021	17:47:08	78767.79	394740.38	40.57	Soil	11,760	0.18
08/23/2021	17:47:09	78767.69	394740.34	40.57	Soil	10,380	-0.79
08/23/2021	17:47:10	78767.51	394740.38	40.56	Soil	11,700	0.13
08/23/2021	17:47:11	78767.37	394740.25	40.58	Soil	11,280	-0.16
08/23/2021	17:47:12	78767.20	394740.39	40.60	Soil	11,520	0.01
08/23/2021	17:47:13	78767.10	394740.34	40.62	Soil	10,860	-0.46
08/23/2021	17:47:14	78767.02	394740.25	40.63	Soil	11,040	-0.33
08/23/2021	17:47:15	78766.96	394740.40	40.65	Soil	12,480	0.68
08/23/2021	17:47:16	78766.86	394740.39	40.65	Soil	12,060	0.39
08/23/2021	17:47:17	78766.76	394740.25	40.66	Soil	11,700	0.13
08/23/2021	17:47:18	78766.66	394740.36	40.68	Soil	11,400	-0.08
08/23/2021	17:47:19	78766.53	394740.45	40.68	Soil	10,860	-0.46
08/23/2021	17:47:20	78766.42	394740.37	40.70	Soil	10,740	-0.54
08/23/2021	17:47:21	78766.28	394740.53	40.72	Soil	10,080	-1.00
08/23/2021	17:47:22	78766.07	394740.45	40.78	Soil	12,120	0.43
08/23/2021	17:47:23	78765.92	394740.66	40.80	Soil	10,980	-0.37
08/23/2021	17:47:24	78765.71	394740.62	40.84	Soil	10,140	-0.96
08/23/2021	17:47:25	78765.60	394740.83	40.86	Soil	11,280	-0.16
08/23/2021	17:47:26	78765.39	394740.76	40.90	Soil	12,480	0.68
08/23/2021	17:47:27	78765.16	394740.95	40.92	Soil	12,000	0.34
08/23/2021	17:47:28	78764.93	394740.89	40.90	Soil	12,000	0.34
08/23/2021	17:47:29	78764.79	394741.13	40.90	Soil	11,220	-0.20
08/23/2021	17:47:30	78764.66	394741.08	40.89	Soil	10,380	-0.79
08/23/2021	17:47:31	78764.53	394741.06	40.89	Soil	12,900	0.98
08/23/2021	17:47:32	78764.37	394741.00	40.88	Soil	12,240	0.51
08/23/2021	17:47:33	78764.26	394740.93	40.88	Soil	10,500	-0.71
08/23/2021	17:47:34	78764.08	394740.95	40.87	Soil	11,400	-0.08
08/23/2021	17:47:35	78763.85	394740.91	40.87	Soil	12,720	0.85
08/23/2021	17:47:36	78763.58	394741.02	40.88	Soil	14,520	2.11
08/23/2021	17:47:37	78763.56	394740.91	40.88	Soil	11,520	0.01
08/23/2021	17:47:38	78763.64	394740.82	40.88	Soil	9,720	-1.26
08/23/2021	17:47:39	78763.69	394740.78	40.88	Soil	11,640	0.09
08/23/2021	17:47:40	78763.78	394740.55	40.91	Soil	11,640	0.09
08/23/2021	17:47:41	78763.94	394740.64	40.93	Soil	12,120	0.43
08/23/2021	17:47:42	78764.15	394740.44	40.94	Soil	10,320	-0.84
08/23/2021	17:47:43	78764.26	394740.50	40.94	Soil	12,060	0.39
08/23/2021	17:47:44	78764.37	394740.47	40.95	Soil	11,580	0.05
08/23/2021	17:47:45	78764.47	394740.55	40.94	Soil	11,040	-0.33
08/23/2021	17:47:46	78764.56	394740.62	40.95	Soil	12,300	0.55
08/23/2021	17:47:47	78764.69	394740.59	40.95	Soil	11,940	0.30
08/23/2021	17:47:48	78764.75	394740.74	40.93	Soil	12,360	0.60
08/23/2021	17:47:49	78764.79	394740.78	40.94	Soil	12,300	0.55
08/23/2021	17:47:50	78764.91	394740.70	40.96	Soil	10,620	-0.62
08/23/2021	17:47:51	78764.97	394740.89	40.96	Soil	10,680	-0.58
08/23/2021	17:47:52	78764.96	394740.92	40.95	Soil	10,980	-0.37
08/23/2021	17:47:53	78764.95	394740.93	40.96	Soil	10,500	-0.71
08/23/2021	17:47:54	78764.81	394740.85	40.96	Soil	11,520	0.01
08/23/2021	17:47:55	78764.64	394740.68	40.95	Soil	11,700	0.13
08/23/2021	17:47:56	78764.52	394740.82	40.95	Soil	12,480	0.68
08/23/2021	17:47:57	78764.47	394740.90	40.95	Soil	13,380	1.31
08/23/2021	17:47:58	78764.46	394740.95	40.96	Soil	12,240	0.51

SU 7D GWS RESULTS
(SOIL)

08/23/2021	17:47:59	78764.65	394740.82	40.96	Soil	11,700	0.13
08/23/2021	17:48:00	78764.80	394740.93	40.95	Soil	12,660	0.81
08/23/2021	17:48:01	78764.88	394741.04	40.95	Soil	11,640	0.09
08/23/2021	17:48:02	78765.02	394740.97	40.94	Soil	11,760	0.18
08/23/2021	17:48:03	78765.12	394741.12	40.93	Soil	12,180	0.47
08/23/2021	17:48:04	78765.19	394740.97	40.92	Soil	11,280	-0.16
08/23/2021	17:48:05	78765.26	394741.05	40.90	Soil	10,680	-0.58
08/23/2021	17:48:06	78765.31	394740.97	40.90	Soil	10,020	-1.05
08/23/2021	17:48:07	78765.39	394740.97	40.89	Soil	12,420	0.64
08/23/2021	17:48:08	78765.48	394741.08	40.87	Soil	10,740	-0.54
08/23/2021	17:48:09	78765.57	394741.00	40.86	Soil	13,500	1.40
08/23/2021	17:48:10	78765.68	394741.11	40.85	Soil	11,340	-0.12
08/23/2021	17:48:11	78765.72	394740.94	40.84	Soil	12,000	0.34
08/23/2021	17:48:12	78765.76	394740.87	40.84	Soil	11,820	0.22
08/23/2021	17:48:13	78765.87	394740.95	40.83	Soil	10,800	-0.50
08/23/2021	17:48:14	78765.93	394741.01	40.81	Soil	10,680	-0.58
08/23/2021	17:48:15	78765.97	394740.87	40.80	Soil	11,280	-0.16
08/23/2021	17:48:16	78766.02	394740.76	40.79	Soil	11,520	0.01
08/23/2021	17:48:17	78766.11	394740.89	40.76	Soil	11,100	-0.29
08/23/2021	17:48:18	78766.21	394740.78	40.75	Soil	10,560	-0.67
08/23/2021	17:48:19	78766.31	394740.76	40.75	Soil	13,200	1.19
08/23/2021	17:48:20	78766.43	394740.83	40.73	Soil	10,740	-0.54
08/23/2021	17:48:21	78766.48	394740.79	40.73	Soil	11,580	0.05
08/23/2021	17:48:22	78766.58	394740.65	40.73	Soil	12,300	0.55
08/23/2021	17:48:23	78766.64	394740.65	40.73	Soil	11,340	-0.12
08/23/2021	17:48:24	78766.73	394740.80	40.71	Soil	10,560	-0.67
08/23/2021	17:48:25	78766.84	394740.63	40.71	Soil	11,280	-0.16
08/23/2021	17:48:26	78766.86	394740.58	40.70	Soil	12,960	1.02
08/23/2021	17:48:27	78766.99	394740.68	40.68	Soil	10,800	-0.50
08/23/2021	17:48:28	78767.08	394740.68	40.66	Soil	10,920	-0.41
08/23/2021	17:48:29	78767.19	394740.54	40.66	Soil	11,220	-0.20
08/23/2021	17:48:30	78767.26	394740.63	40.65	Soil	11,280	-0.16
08/23/2021	17:48:31	78767.41	394740.57	40.65	Soil	12,240	0.51
08/23/2021	17:48:32	78767.51	394740.63	40.65	Soil	11,520	0.01
08/23/2021	17:48:33	78767.58	394740.62	40.65	Soil	11,820	0.22
08/23/2021	17:48:34	78767.70	394740.58	40.65	Soil	12,480	0.68
08/23/2021	17:48:35	78767.79	394740.70	40.66	Soil	13,020	1.06
08/23/2021	17:48:36	78767.99	394740.60	40.67	Soil	11,880	0.26
08/23/2021	17:48:37	78768.23	394740.68	40.69	Soil	12,120	0.43
08/23/2021	17:48:38	78768.39	394740.51	40.66	Soil	11,940	0.30
08/23/2021	17:48:39	78768.53	394740.72	40.62	Soil	13,320	1.27
08/23/2021	17:48:40	78768.61	394740.65	40.59	Soil	12,720	0.85
08/23/2021	17:48:41	78768.75	394740.78	40.58	Soil	11,580	0.05
08/23/2021	17:48:42	78768.95	394740.53	40.59	Soil	11,880	0.26
08/23/2021	17:48:43	78769.06	394740.57	40.57	Soil	12,240	0.51
08/23/2021	17:48:44	78769.09	394740.64	40.25	Soil	13,140	1.14
08/23/2021	17:48:45	78769.39	394740.27	40.14	Soil	11,760	0.18
08/23/2021	17:48:46	78769.48	394740.18	40.30	Soil	11,640	0.09
08/23/2021	17:48:47	78769.36	394740.06	40.60	Soil	11,400	-0.08
08/23/2021	17:48:48	78769.20	394740.31	40.61	Soil	13,320	1.27
08/23/2021	17:48:49	78769.18	394740.51	40.63	Soil	12,840	0.93

SU 7D GWS RESULTS
(SOIL)

08/23/2021	17:48:50	78769.53	394740.31	40.62	Soil	12,600	0.76
08/23/2021	17:48:51	78769.67	394740.51	40.60	Soil	10,800	-0.50
08/23/2021	17:48:52	78769.85	394740.49	40.59	Soil	12,840	0.93
08/23/2021	17:48:53	78769.95	394740.66	40.59	Soil	12,360	0.60
08/23/2021	17:49:08	78770.03	394740.72	40.60	Soil	12,120	0.43
08/23/2021	17:49:09	78770.01	394740.76	40.58	Soil	10,860	-0.46
08/23/2021	17:49:10	78770.09	394740.58	40.58	Soil	11,520	0.01
08/23/2021	17:49:11	78770.17	394740.60	40.50	Soil	11,280	-0.16
08/23/2021	17:49:12	78770.31	394740.59	40.49	Soil	10,620	-0.62
08/23/2021	17:49:13	78770.42	394740.56	40.45	Soil	12,960	1.02
08/23/2021	17:49:14	78770.54	394740.53	40.44	Soil	11,820	0.22
08/23/2021	17:49:15	78770.64	394740.49	40.40	Soil	12,960	1.02
08/23/2021	17:49:16	78770.69	394740.61	40.37	Soil	12,180	0.47
08/23/2021	17:49:17	78770.71	394740.55	40.36	Soil	13,020	1.06
08/23/2021	17:49:18	78770.72	394740.47	40.34	Soil	12,360	0.60
08/23/2021	17:49:19	78770.79	394740.55	40.32	Soil	12,300	0.55
08/23/2021	17:49:20	78770.87	394740.61	40.30	Soil	10,980	-0.37
08/23/2021	17:49:21	78770.96	394740.54	40.29	Soil	11,220	-0.20
08/23/2021	17:49:22	78771.07	394740.66	40.25	Soil	13,440	1.35
08/23/2021	17:49:23	78771.19	394740.49	40.23	Soil	10,380	-0.79
08/23/2021	17:49:24	78771.29	394740.63	40.18	Soil	10,980	-0.37
08/23/2021	17:49:25	78771.41	394740.53	40.18	Soil	11,640	0.09
08/23/2021	17:49:26	78771.47	394740.55	40.16	Soil	10,380	-0.79
08/23/2021	17:49:27	78771.63	394740.76	40.07	Soil	12,420	0.64
08/23/2021	17:49:28	78771.78	394740.71	40.04	Soil	11,340	-0.12
08/23/2021	17:49:29	78771.93	394740.76	39.94	Soil	10,560	-0.67
08/23/2021	17:49:30	78772.05	394740.88	39.89	Soil	11,160	-0.25
08/23/2021	17:49:31	78772.11	394740.90	39.82	Soil	11,040	-0.33
08/23/2021	17:49:32	78772.13	394740.75	39.75	Soil	13,680	1.52
08/23/2021	17:49:33	78772.15	394740.51	39.71	Soil	12,000	0.34
08/23/2021	17:49:34	78772.19	394740.41	39.69	Soil	11,820	0.22
08/23/2021	17:49:35	78772.23	394740.35	39.66	Soil	9,720	-1.26
08/23/2021	17:49:36	78772.32	394740.34	39.68	Soil	11,760	0.18
08/23/2021	17:49:37	78772.28	394740.36	39.68	Soil	10,320	-0.84
08/23/2021	17:49:38	78772.29	394740.35	39.69	Soil	12,060	0.39
08/23/2021	17:49:39	78772.34	394740.48	39.67	Soil	11,640	0.09
08/23/2021	17:49:40	78772.25	394740.76	39.78	Soil	11,940	0.30
08/23/2021	17:49:41	78772.05	394741.13	40.03	Soil	9,360	-1.51
08/23/2021	17:49:42	78771.73	394741.10	40.05	Soil	11,880	0.26
08/23/2021	17:49:43	78771.72	394740.94	40.05	Soil	10,980	-0.37
08/23/2021	17:49:44	78771.71	394740.88	40.06	Soil	11,880	0.26
08/23/2021	17:49:45	78771.67	394740.85	40.21	Soil	10,800	-0.50
08/23/2021	17:49:46	78771.56	394741.05	40.22	Soil	12,960	1.02
08/23/2021	17:49:47	78771.51	394740.96	40.21	Soil	11,280	-0.16
08/23/2021	17:49:48	78771.44	394740.85	40.22	Soil	12,180	0.47
08/23/2021	17:49:49	78771.33	394740.90	40.23	Soil	11,640	0.09
08/23/2021	17:49:50	78771.22	394740.93	40.27	Soil	14,340	1.99
08/23/2021	17:49:51	78771.04	394740.83	40.32	Soil	10,320	-0.84
08/23/2021	17:49:52	78770.88	394740.94	40.37	Soil	11,580	0.05
08/23/2021	17:49:53	78770.71	394740.81	40.45	Soil	12,060	0.39
08/23/2021	17:49:54	78770.55	394740.97	40.50	Soil	13,020	1.06

SU 7D GWS RESULTS
(SOIL)

08/23/2021	17:49:55	78770.46	394740.78	40.53	Soil	11,520	0.01
08/23/2021	17:49:56	78770.25	394740.83	40.57	Soil	12,360	0.60
08/23/2021	17:49:57	78770.10	394740.84	40.60	Soil	14,520	2.11
08/23/2021	17:49:58	78770.06	394740.87	40.61	Soil	12,240	0.51
08/23/2021	17:49:59	78769.94	394740.86	40.63	Soil	12,600	0.76
08/23/2021	17:50:00	78769.72	394740.79	40.67	Soil	12,900	0.98
08/23/2021	17:50:01	78769.51	394741.06	40.69	Soil	11,940	0.30
08/23/2021	17:50:02	78769.37	394740.99	40.66	Soil	11,760	0.18
08/23/2021	17:50:03	78769.24	394741.06	40.66	Soil	12,480	0.68
08/23/2021	17:50:04	78769.07	394740.99	40.64	Soil	11,160	-0.25
08/23/2021	17:50:05	78768.93	394741.18	40.62	Soil	10,920	-0.41
08/23/2021	17:50:06	78768.73	394741.08	40.64	Soil	11,460	-0.04
08/23/2021	17:50:07	78768.57	394741.10	40.70	Soil	12,060	0.39
08/23/2021	17:50:08	78768.46	394741.18	40.74	Soil	12,180	0.47
08/23/2021	17:50:09	78768.28	394741.00	40.73	Soil	9,960	-1.09
08/23/2021	17:50:10	78768.01	394741.05	40.72	Soil	10,860	-0.46
08/23/2021	17:50:11	78767.96	394740.90	40.69	Soil	12,420	0.64
08/23/2021	17:50:12	78767.73	394740.90	40.69	Soil	10,260	-0.88
08/23/2021	17:50:13	78767.59	394740.77	40.67	Soil	12,780	0.89
08/23/2021	17:50:14	78767.47	394740.75	40.68	Soil	11,940	0.30
08/23/2021	17:50:15	78767.30	394740.81	40.68	Soil	9,480	-1.42
08/23/2021	17:50:16	78767.16	394740.72	40.71	Soil	10,020	-1.05
08/23/2021	17:50:17	78766.96	394740.85	40.71	Soil	11,580	0.05
08/23/2021	17:50:18	78766.80	394740.82	40.74	Soil	12,540	0.72
08/23/2021	17:50:19	78766.62	394740.96	40.76	Soil	12,960	1.02
08/23/2021	17:50:20	78766.46	394741.00	40.77	Soil	12,060	0.39
08/23/2021	17:50:21	78766.32	394741.00	40.78	Soil	12,720	0.85
08/23/2021	17:50:22	78766.17	394741.11	40.80	Soil	11,820	0.22
08/23/2021	17:50:23	78766.01	394741.00	40.80	Soil	10,320	-0.84
08/23/2021	17:50:24	78765.94	394741.00	40.83	Soil	11,580	0.05
08/23/2021	17:50:25	78765.84	394741.20	40.85	Soil	10,800	-0.50
08/23/2021	17:50:26	78765.66	394741.11	40.84	Soil	10,800	-0.50
08/23/2021	17:50:27	78765.49	394741.24	40.87	Soil	11,820	0.22
08/23/2021	17:50:28	78765.36	394741.30	40.88	Soil	12,360	0.60
08/23/2021	17:50:29	78765.23	394741.33	40.90	Soil	12,720	0.85
08/23/2021	17:50:30	78765.14	394741.46	40.91	Soil	12,420	0.64
08/23/2021	17:50:31	78765.00	394741.36	40.91	Soil	9,660	-1.30
08/23/2021	17:50:32	78764.85	394741.51	40.90	Soil	10,620	-0.62
08/23/2021	17:50:33	78764.69	394741.43	40.90	Soil	10,860	-0.46
08/23/2021	17:50:34	78764.53	394741.55	40.90	Soil	11,580	0.05
08/23/2021	17:50:35	78764.38	394741.43	40.89	Soil	13,740	1.56
08/23/2021	17:50:36	78764.24	394741.37	40.89	Soil	11,580	0.05
08/23/2021	17:50:37	78764.08	394741.38	40.88	Soil	11,880	0.26
08/23/2021	17:50:38	78763.99	394741.34	40.89	Soil	10,560	-0.67
08/23/2021	17:50:39	78764.09	394741.55	40.89	Soil	10,800	-0.50
08/23/2021	17:50:40	78763.98	394741.78	40.89	Soil	11,100	-0.29
08/23/2021	17:50:41	78764.12	394741.71	40.89	Soil	12,360	0.60
08/23/2021	17:50:42	78764.25	394741.83	40.89	Soil	11,400	-0.08
08/23/2021	17:50:43	78764.38	394741.80	40.92	Soil	12,360	0.60
08/23/2021	17:50:44	78764.55	394741.69	40.92	Soil	12,420	0.64
08/23/2021	17:50:45	78764.68	394741.73	40.94	Soil	9,960	-1.09

SU 7D GWS RESULTS
(SOIL)

08/23/2021	17:50:46	78764.81	394741.54	40.96	Soil	12,480	0.68
08/23/2021	17:50:47	78764.95	394741.61	40.96	Soil	12,060	0.39
08/23/2021	17:50:48	78765.08	394741.46	40.95	Soil	11,640	0.09
08/23/2021	17:50:49	78765.25	394741.51	40.94	Soil	13,860	1.65
08/23/2021	17:50:50	78765.40	394741.34	40.93	Soil	10,020	-1.05
08/23/2021	17:50:51	78765.52	394741.41	40.93	Soil	10,560	-0.67
08/23/2021	17:50:52	78765.65	394741.32	40.93	Soil	12,000	0.34
08/23/2021	17:50:53	78765.75	394741.28	40.91	Soil	11,880	0.26
08/23/2021	17:50:54	78765.86	394741.33	40.90	Soil	12,840	0.93
08/23/2021	17:50:55	78765.97	394741.20	40.89	Soil	11,760	0.18
08/23/2021	17:50:56	78766.09	394741.32	40.87	Soil	10,920	-0.41
08/23/2021	17:50:57	78766.21	394741.18	40.87	Soil	11,640	0.09
08/23/2021	17:50:58	78766.32	394741.17	40.85	Soil	11,820	0.22
08/23/2021	17:50:59	78766.45	394741.08	40.84	Soil	11,820	0.22
08/23/2021	17:51:00	78766.57	394741.07	40.82	Soil	12,120	0.43
08/23/2021	17:51:01	78766.75	394741.05	40.80	Soil	11,760	0.18
08/23/2021	17:51:02	78766.88	394741.06	40.79	Soil	11,700	0.13
08/23/2021	17:51:03	78766.99	394741.08	40.77	Soil	12,360	0.60
08/23/2021	17:51:04	78767.14	394741.08	40.76	Soil	11,400	-0.08
08/23/2021	17:51:05	78767.30	394741.18	40.75	Soil	11,460	-0.04
08/23/2021	17:51:06	78767.40	394741.10	40.76	Soil	11,400	-0.08
08/23/2021	17:51:07	78767.52	394741.23	40.74	Soil	14,040	1.78
08/23/2021	17:51:08	78767.68	394741.14	40.74	Soil	11,400	-0.08
08/23/2021	17:51:09	78767.83	394741.28	40.74	Soil	12,780	0.89
08/23/2021	17:51:10	78768.04	394741.07	40.75	Soil	13,020	1.06
08/23/2021	17:51:11	78768.24	394741.11	40.67	Soil	15,120	2.53
08/23/2021	17:51:12	78768.43	394741.13	40.66	Soil	12,060	0.39
08/23/2021	17:51:13	78768.55	394741.04	40.67	Soil	11,040	-0.33
08/23/2021	17:51:14	78768.62	394741.01	40.64	Soil	12,780	0.89
08/23/2021	17:51:15	78768.77	394741.19	40.63	Soil	13,320	1.27
08/23/2021	17:51:16	78768.88	394741.27	40.64	Soil	12,360	0.60
08/23/2021	17:51:17	78769.07	394741.06	40.70	Soil	12,060	0.39
08/23/2021	17:51:18	78769.42	394741.21	40.70	Soil	12,660	0.81
08/23/2021	17:51:19	78769.52	394741.07	40.64	Soil	9,960	-1.09
08/23/2021	17:51:20	78769.72	394741.19	40.64	Soil	10,500	-0.71
08/23/2021	17:51:21	78769.86	394741.07	40.64	Soil	10,080	-1.00
08/23/2021	17:51:22	78770.02	394741.15	40.60	Soil	12,600	0.76
08/23/2021	17:51:23	78770.17	394741.02	40.56	Soil	11,460	-0.04
08/23/2021	17:51:24	78770.34	394741.10	40.52	Soil	14,280	1.94
08/23/2021	17:51:25	78770.45	394740.91	40.49	Soil	10,980	-0.37
08/23/2021	17:51:26	78770.61	394740.98	40.42	Soil	12,600	0.76
08/23/2021	17:51:27	78770.75	394740.90	40.41	Soil	10,740	-0.54
08/23/2021	17:51:28	78770.89	394741.02	40.36	Soil	11,820	0.22
08/23/2021	17:51:29	78770.99	394741.01	40.36	Soil	12,480	0.68
08/23/2021	17:51:30	78771.17	394741.10	40.31	Soil	11,460	-0.04
08/23/2021	17:51:31	78771.31	394741.12	40.29	Soil	11,220	-0.20
08/23/2021	17:51:32	78771.42	394741.07	40.26	Soil	12,000	0.34
08/23/2021	17:51:33	78771.55	394741.19	40.20	Soil	11,220	-0.20
08/23/2021	17:51:34	78771.65	394741.11	40.11	Soil	12,600	0.76
08/23/2021	17:51:35	78771.88	394741.27	40.00	Soil	11,460	-0.04
08/23/2021	17:51:36	78772.03	394741.24	39.89	Soil	10,320	-0.84

SU 7D GWS RESULTS
(SOIL)

08/23/2021	17:51:37	78772.17	394741.05	39.77	Soil	11,460	-0.04
08/23/2021	17:51:38	78772.29	394740.89	39.74	Soil	11,880	0.26
08/23/2021	17:51:39	78772.32	394740.76	39.74	Soil	12,960	1.02
08/23/2021	17:51:40	78772.35	394740.76	39.76	Soil	11,940	0.30
08/23/2021	17:51:41	78772.41	394740.84	39.71	Soil	10,860	-0.46
08/23/2021	17:51:42	78772.51	394741.10	39.73	Soil	13,500	1.40
08/23/2021	17:51:43	78772.51	394741.12	39.73	Soil	10,920	-0.41
08/23/2021	17:51:44	78772.45	394741.35	39.76	Soil	12,180	0.47
08/23/2021	17:51:45	78772.57	394741.62	39.78	Soil	13,920	1.69
08/23/2021	17:51:46	78772.57	394741.68	39.80	Soil	11,160	-0.25
08/23/2021	17:51:47	78772.56	394741.51	39.78	Soil	11,040	-0.33
08/23/2021	17:51:48	78772.39	394741.58	39.96	Soil	11,220	-0.20
08/23/2021	17:51:49	78772.27	394741.65	40.03	Soil	12,060	0.39
08/23/2021	17:51:50	78772.03	394741.43	40.24	Soil	11,340	-0.12
08/23/2021	17:51:51	78771.84	394741.63	40.26	Soil	13,020	1.06
08/23/2021	17:51:52	78771.74	394741.62	40.25	Soil	11,400	-0.08
08/23/2021	17:51:53	78771.65	394741.51	40.35	Soil	13,500	1.40
08/23/2021	17:51:54	78771.56	394741.39	40.38	Soil	10,860	-0.46
08/23/2021	17:51:55	78771.43	394741.46	40.38	Soil	13,260	1.23
08/23/2021	17:51:56	78771.35	394741.53	40.40	Soil	13,380	1.31
08/23/2021	17:51:57	78771.23	394741.38	40.41	Soil	12,600	0.76
08/23/2021	17:51:58	78771.13	394741.30	40.43	Soil	12,660	0.81
08/23/2021	17:51:59	78771.05	394741.46	40.45	Soil	12,240	0.51
08/23/2021	17:52:00	78770.92	394741.36	40.45	Soil	14,160	1.86
08/23/2021	17:52:01	78770.84	394741.26	40.46	Soil	11,220	-0.20
08/23/2021	17:52:02	78770.75	394741.31	40.51	Soil	11,760	0.18
08/23/2021	17:52:03	78770.66	394741.42	40.54	Soil	11,520	0.01
08/23/2021	17:52:04	78770.61	394741.24	40.56	Soil	10,020	-1.05
08/23/2021	17:52:05	78770.49	394741.33	40.57	Soil	12,360	0.60
08/23/2021	17:52:06	78770.46	394741.43	40.58	Soil	12,660	0.81
08/23/2021	17:52:07	78770.32	394741.26	40.58	Soil	12,720	0.85
08/23/2021	17:52:08	78770.22	394741.21	40.65	Soil	11,820	0.22
08/23/2021	17:52:09	78770.12	394741.35	40.67	Soil	11,640	0.09
08/23/2021	17:52:10	78770.01	394741.13	40.66	Soil	11,880	0.26
08/23/2021	17:52:11	78769.72	394741.11	40.70	Soil	11,220	-0.20
08/23/2021	17:52:12	78769.49	394741.14	40.65	Soil	12,360	0.60
08/23/2021	17:52:13	78769.32	394741.18	40.63	Soil	11,940	0.30
08/23/2021	17:52:14	78769.18	394741.07	40.62	Soil	12,180	0.47
08/23/2021	17:52:15	78769.00	394741.19	40.62	Soil	11,100	-0.29
08/23/2021	17:52:16	78768.83	394741.03	40.62	Soil	10,260	-0.88
08/23/2021	17:52:17	78768.70	394741.03	40.69	Soil	11,520	0.01
08/23/2021	17:52:18	78768.59	394741.18	40.77	Soil	11,700	0.13
08/23/2021	17:52:19	78768.37	394741.09	40.81	Soil	12,300	0.55
08/23/2021	17:52:20	78768.26	394741.24	40.79	Soil	12,360	0.60
08/23/2021	17:52:21	78768.08	394741.15	40.77	Soil	11,340	-0.12
08/23/2021	17:52:22	78767.90	394741.33	40.76	Soil	11,040	-0.33
08/23/2021	17:52:23	78767.74	394741.37	40.78	Soil	10,500	-0.71
08/23/2021	17:52:24	78767.59	394741.29	40.78	Soil	9,780	-1.21
08/23/2021	17:52:25	78767.40	394741.45	40.79	Soil	11,700	0.13
08/23/2021	17:52:26	78767.27	394741.49	40.79	Soil	11,520	0.01
08/23/2021	17:52:27	78767.16	394741.36	40.82	Soil	10,500	-0.71

SU 7D GWS RESULTS
(SOIL)

08/23/2021	17:52:28	78767.00	394741.46	40.83	Soil	10,380	-0.79
08/23/2021	17:52:29	78766.88	394741.42	40.84	Soil	11,040	-0.33
08/23/2021	17:52:30	78766.80	394741.34	40.86	Soil	10,140	-0.96
08/23/2021	17:52:31	78766.65	394741.48	40.87	Soil	12,300	0.55
08/23/2021	17:52:32	78766.50	394741.40	40.87	Soil	13,080	1.10
08/23/2021	17:52:33	78766.33	394741.44	40.89	Soil	12,840	0.93
08/23/2021	17:52:34	78766.19	394741.47	40.88	Soil	12,420	0.64
08/23/2021	17:52:35	78766.13	394741.44	40.89	Soil	11,940	0.30
08/23/2021	17:52:36	78766.03	394741.55	40.88	Soil	11,340	-0.12
08/23/2021	17:52:37	78765.90	394741.50	40.90	Soil	11,700	0.13
08/23/2021	17:52:38	78765.78	394741.62	40.90	Soil	11,640	0.09
08/23/2021	17:52:39	78765.63	394741.57	40.92	Soil	10,680	-0.58
08/23/2021	17:52:40	78765.47	394741.67	40.94	Soil	12,420	0.64
08/23/2021	17:52:41	78765.28	394741.64	40.95	Soil	10,800	-0.50
08/23/2021	17:52:42	78765.18	394741.69	40.96	Soil	10,440	-0.75
08/23/2021	17:52:43	78765.07	394741.74	40.96	Soil	13,080	1.10
08/23/2021	17:52:44	78764.93	394741.77	40.96	Soil	12,240	0.51
08/23/2021	17:52:45	78764.82	394741.88	40.92	Soil	13,260	1.23
08/23/2021	17:52:46	78764.70	394741.79	40.93	Soil	10,860	-0.46
08/23/2021	17:52:47	78764.64	394741.95	40.93	Soil	11,040	-0.33
08/23/2021	17:52:48	78764.42	394741.93	40.93	Soil	10,740	-0.54
08/23/2021	17:52:49	78764.29	394742.04	40.94	Soil	10,320	-0.84
08/23/2021	17:52:50	78764.05	394742.01	40.95	Soil	11,220	-0.20
08/23/2021	17:52:51	78763.94	394742.09	40.96	Soil	11,220	-0.20
08/23/2021	17:52:52	78763.85	394742.05	40.97	Soil	10,320	-0.84
08/23/2021	17:52:53	78763.91	394742.07	40.96	Soil	11,100	-0.29
08/23/2021	17:52:54	78763.89	394742.32	40.95	Soil	11,640	0.09
08/23/2021	17:52:55	78764.03	394742.27	40.94	Soil	13,980	1.73
08/23/2021	17:52:56	78764.12	394742.18	40.94	Soil	10,860	-0.46
08/23/2021	17:52:57	78764.21	394742.32	40.94	Soil	11,340	-0.12
08/23/2021	17:52:58	78764.37	394742.26	40.93	Soil	11,400	-0.08
08/23/2021	17:52:59	78764.51	394742.27	40.91	Soil	11,160	-0.25
08/23/2021	17:53:00	78764.65	394742.22	40.90	Soil	12,180	0.47
08/23/2021	17:53:01	78764.80	394742.14	40.89	Soil	11,940	0.30
08/23/2021	17:53:02	78764.94	394742.17	40.89	Soil	10,800	-0.50
08/23/2021	17:53:03	78765.07	394742.06	40.87	Soil	9,900	-1.13
08/23/2021	17:53:04	78765.21	394742.13	40.85	Soil	12,660	0.81
08/23/2021	17:53:05	78765.35	394741.99	40.84	Soil	11,340	-0.12
08/23/2021	17:53:06	78765.48	394742.03	40.83	Soil	10,200	-0.92
08/23/2021	17:53:07	78765.63	394742.01	40.82	Soil	10,440	-0.75
08/23/2021	17:53:08	78765.74	394741.96	40.79	Soil	12,360	0.60
08/23/2021	17:53:09	78765.84	394741.98	40.78	Soil	11,820	0.22
08/23/2021	17:53:10	78765.95	394741.83	40.76	Soil	11,820	0.22
08/23/2021	17:53:11	78766.07	394741.89	40.74	Soil	12,240	0.51
08/23/2021	17:53:12	78766.17	394741.72	40.73	Soil	12,060	0.39
08/23/2021	17:53:13	78766.30	394741.71	40.72	Soil	11,820	0.22
08/23/2021	17:53:14	78766.44	394741.67	40.72	Soil	11,280	-0.16
08/23/2021	17:53:15	78766.58	394741.72	40.70	Soil	11,880	0.26
08/23/2021	17:53:16	78766.68	394741.77	40.69	Soil	12,180	0.47
08/23/2021	17:53:17	78766.81	394741.68	40.67	Soil	10,680	-0.58
08/23/2021	17:53:18	78766.93	394741.69	40.65	Soil	12,360	0.60

SU 7D GWS RESULTS
(SOIL)

08/23/2021	17:53:19	78767.06	394741.51	40.66	Soil	14,700	2.24
08/23/2021	17:53:20	78767.16	394741.55	40.65	Soil	12,120	0.43
08/23/2021	17:53:21	78767.25	394741.53	40.65	Soil	11,760	0.18
08/23/2021	17:53:22	78767.34	394741.56	40.64	Soil	11,100	-0.29
08/23/2021	17:53:23	78767.47	394741.62	40.64	Soil	11,940	0.30
08/23/2021	17:53:24	78767.62	394741.53	40.64	Soil	12,300	0.55
08/23/2021	17:53:25	78767.69	394741.60	40.63	Soil	11,400	-0.08
08/23/2021	17:53:26	78767.79	394741.46	40.61	Soil	12,480	0.68
08/23/2021	17:53:27	78767.92	394741.52	40.60	Soil	11,940	0.30
08/23/2021	17:53:28	78768.08	394741.41	40.61	Soil	13,440	1.35
08/23/2021	17:53:29	78768.23	394741.37	40.64	Soil	12,000	0.34
08/23/2021	17:53:30	78768.36	394741.47	40.61	Soil	12,420	0.64
08/23/2021	17:53:31	78768.47	394741.40	40.58	Soil	12,420	0.64
08/23/2021	17:53:32	78768.60	394741.45	40.52	Soil	11,040	-0.33
08/23/2021	17:53:33	78768.80	394741.40	40.48	Soil	12,240	0.51
08/23/2021	17:53:34	78769.00	394741.42	40.47	Soil	12,480	0.68
08/23/2021	17:53:35	78769.15	394741.31	40.44	Soil	10,500	-0.71
08/23/2021	17:53:36	78769.28	394741.42	40.44	Soil	10,380	-0.79
08/23/2021	17:53:37	78769.59	394741.21	40.45	Soil	12,780	0.89
08/23/2021	17:53:38	78769.84	394741.14	40.44	Soil	11,340	-0.12
08/23/2021	17:53:39	78769.97	394741.03	40.45	Soil	12,660	0.81
08/23/2021	17:53:40	78770.07	394741.17	40.40	Soil	12,060	0.39
08/23/2021	17:53:41	78770.18	394741.16	40.40	Soil	11,700	0.13
08/23/2021	17:53:42	78770.28	394741.17	40.38	Soil	13,020	1.06
08/23/2021	17:53:43	78770.42	394741.35	40.34	Soil	12,240	0.51
08/23/2021	17:53:44	78770.55	394741.30	40.30	Soil	12,600	0.76
08/23/2021	17:53:45	78770.69	394741.39	40.26	Soil	11,040	-0.33
08/23/2021	17:53:46	78770.85	394741.34	40.22	Soil	11,520	0.01
08/23/2021	17:53:47	78771.01	394741.44	40.20	Soil	11,940	0.30
08/23/2021	17:53:48	78771.05	394741.42	40.16	Soil	12,420	0.64
08/23/2021	17:53:49	78771.05	394741.45	40.22	Soil	12,360	0.60
08/23/2021	17:53:50	78770.89	394741.56	40.27	Soil	13,020	1.06
08/23/2021	17:53:51	78770.67	394741.48	40.38	Soil	12,180	0.47
08/23/2021	17:53:52	78770.46	394741.60	40.42	Soil	11,160	-0.25
08/23/2021	17:53:53	78770.34	394741.48	40.44	Soil	10,680	-0.58
08/23/2021	17:53:54	78770.17	394741.55	40.46	Soil	11,640	0.09
08/23/2021	17:53:55	78770.02	394741.68	40.45	Soil	13,440	1.35
08/23/2021	17:53:56	78769.85	394741.63	40.49	Soil	13,800	1.61
08/23/2021	17:53:57	78769.64	394741.46	40.45	Soil	11,880	0.26
08/23/2021	17:53:58	78769.43	394741.77	40.43	Soil	12,540	0.72
08/23/2021	17:53:59	78769.26	394741.69	40.43	Soil	12,780	0.89
08/23/2021	17:54:00	78769.14	394741.56	40.45	Soil	11,280	-0.16
08/23/2021	17:54:01	78769.01	394741.70	40.46	Soil	10,800	-0.50
08/23/2021	17:54:02	78768.92	394741.61	40.47	Soil	10,560	-0.67
08/23/2021	17:54:03	78768.90	394741.51	40.50	Soil	12,000	0.34
08/23/2021	17:54:04	78768.82	394741.66	40.55	Soil	12,600	0.76
08/23/2021	17:54:05	78768.66	394741.63	40.59	Soil	10,440	-0.75
08/23/2021	17:54:06	78768.55	394741.52	40.65	Soil	12,480	0.68
08/23/2021	17:54:07	78768.45	394741.62	40.66	Soil	13,560	1.44
08/23/2021	17:54:08	78768.36	394741.52	40.65	Soil	13,380	1.31
08/23/2021	17:54:09	78768.22	394741.65	40.65	Soil	11,940	0.30

SU 7D GWS RESULTS
(SOIL)

08/23/2021	17:54:10	78768.13	394741.82	40.61	Soil	13,080	1.10
08/23/2021	17:54:11	78768.00	394741.73	40.62	Soil	11,880	0.26
08/23/2021	17:54:12	78767.87	394741.83	40.64	Soil	11,880	0.26
08/23/2021	17:54:13	78767.82	394741.92	40.62	Soil	13,740	1.56
08/23/2021	17:54:14	78767.70	394741.83	40.60	Soil	11,640	0.09
08/23/2021	17:54:15	78767.58	394741.95	40.60	Soil	10,920	-0.41
08/23/2021	17:54:16	78767.49	394741.95	40.61	Soil	13,620	1.48
08/23/2021	17:54:17	78767.39	394741.90	40.62	Soil	11,160	-0.25
08/23/2021	17:54:18	78767.28	394742.05	40.63	Soil	12,120	0.43
08/23/2021	17:54:19	78767.17	394741.98	40.63	Soil	9,960	-1.09
08/23/2021	17:54:20	78767.08	394741.89	40.65	Soil	11,940	0.30
08/23/2021	17:54:21	78766.95	394742.00	40.68	Soil	10,260	-0.88
08/23/2021	17:54:22	78766.81	394742.02	40.67	Soil	11,880	0.26
08/23/2021	17:54:23	78766.71	394741.95	40.68	Soil	12,060	0.39
08/23/2021	17:54:24	78766.62	394742.04	40.67	Soil	10,440	-0.75
08/23/2021	17:54:25	78766.50	394741.97	40.67	Soil	11,460	-0.04
08/23/2021	17:54:26	78766.37	394742.00	40.67	Soil	11,880	0.26
08/23/2021	17:54:27	78766.25	394741.98	40.68	Soil	12,720	0.85
08/23/2021	17:54:28	78766.15	394741.96	40.70	Soil	11,820	0.22
08/23/2021	17:54:29	78766.05	394742.04	40.71	Soil	10,440	-0.75
08/23/2021	17:54:30	78765.91	394741.94	40.71	Soil	11,520	0.01
08/23/2021	17:54:31	78765.78	394742.06	40.73	Soil	11,100	-0.29
08/23/2021	17:54:32	78765.67	394742.15	40.73	Soil	12,060	0.39
08/23/2021	17:54:33	78765.55	394742.04	40.74	Soil	11,700	0.13
08/23/2021	17:54:34	78765.40	394742.21	40.75	Soil	13,920	1.69
08/23/2021	17:54:35	78765.19	394742.28	40.75	Soil	11,040	-0.33
08/23/2021	17:54:36	78765.04	394742.46	40.74	Soil	9,720	-1.26
08/23/2021	17:54:37	78764.90	394742.43	40.74	Soil	11,760	0.18
08/23/2021	17:54:38	78764.72	394742.33	40.73	Soil	9,900	-1.13
08/23/2021	17:54:39	78764.54	394742.43	40.73	Soil	12,720	0.85
08/23/2021	17:54:40	78764.37	394742.37	40.74	Soil	12,780	0.89
08/23/2021	17:54:41	78764.22	394742.47	40.76	Soil	11,700	0.13
08/23/2021	17:54:42	78764.12	394742.55	40.78	Soil	11,820	0.22
08/23/2021	17:54:43	78763.99	394742.46	40.78	Soil	9,840	-1.17
08/23/2021	17:54:44	78764.09	394742.58	40.79	Soil	12,240	0.51
08/23/2021	17:54:45	78764.08	394742.76	40.77	Soil	10,800	-0.50
08/23/2021	18:09:00	78764.09	394742.56	41.03	Soil	10,200	-0.92
08/23/2021	18:09:01	78764.11	394742.58	41.02	Soil	12,060	0.39
08/23/2021	18:09:02	78764.15	394742.59	41.02	Soil	10,560	-0.67
08/23/2021	18:09:03	78764.23	394742.53	40.99	Soil	10,440	-0.75
08/23/2021	18:09:04	78764.38	394742.49	40.97	Soil	11,340	-0.12
08/23/2021	18:09:05	78764.53	394742.45	40.97	Soil	10,500	-0.71
08/23/2021	18:09:06	78764.71	394742.41	40.95	Soil	9,900	-1.13
08/23/2021	18:09:07	78764.90	394742.41	40.95	Soil	12,840	0.93
08/23/2021	18:09:08	78765.11	394742.37	40.95	Soil	11,280	-0.16
08/23/2021	18:09:09	78765.31	394742.33	40.94	Soil	11,760	0.18
08/23/2021	18:09:10	78765.43	394742.21	40.92	Soil	13,500	1.40
08/23/2021	18:09:11	78765.59	394742.22	40.88	Soil	12,660	0.81
08/23/2021	18:09:12	78765.72	394742.17	40.85	Soil	12,060	0.39
08/23/2021	18:09:13	78765.88	394742.18	40.84	Soil	10,380	-0.79
08/23/2021	18:09:14	78766.03	394742.10	40.81	Soil	11,400	-0.08

SU 7D GWS RESULTS
(SOIL)

08/23/2021	18:09:15	78766.20	394742.07	40.79	Soil	11,280	-0.16
08/23/2021	18:09:16	78766.34	394742.02	40.78	Soil	12,240	0.51
08/23/2021	18:09:17	78766.51	394742.01	40.77	Soil	12,780	0.89
08/23/2021	18:09:18	78766.67	394741.82	40.75	Soil	11,040	-0.33
08/23/2021	18:09:19	78766.85	394741.76	40.73	Soil	10,920	-0.41
08/23/2021	18:09:20	78767.01	394741.70	40.69	Soil	11,880	0.26
08/23/2021	18:09:21	78767.21	394741.75	40.66	Soil	10,680	-0.58
08/23/2021	18:09:22	78767.38	394741.69	40.64	Soil	13,680	1.52
08/23/2021	18:09:23	78767.58	394741.68	40.65	Soil	10,260	-0.88
08/23/2021	18:09:24	78767.77	394741.56	40.62	Soil	10,680	-0.58
08/23/2021	18:09:25	78768.00	394741.57	40.64	Soil	10,200	-0.92
08/23/2021	18:09:26	78768.22	394741.49	40.61	Soil	11,100	-0.29
08/23/2021	18:09:27	78768.41	394741.50	40.56	Soil	13,140	1.14
08/23/2021	18:09:28	78768.59	394741.48	40.49	Soil	10,920	-0.41
08/23/2021	18:09:29	78768.81	394741.48	40.44	Soil	10,620	-0.62
08/23/2021	18:09:30	78768.99	394741.43	40.41	Soil	12,960	1.02
08/23/2021	18:09:31	78769.20	394741.45	40.39	Soil	11,640	0.09
08/23/2021	18:09:32	78769.52	394741.40	40.39	Soil	12,240	0.51
08/23/2021	18:09:33	78769.91	394741.48	40.38	Soil	10,620	-0.62
08/23/2021	18:09:34	78770.12	394741.34	40.36	Soil	11,940	0.30
08/23/2021	18:09:35	78770.29	394741.30	40.29	Soil	12,480	0.68
08/23/2021	18:09:36	78770.49	394741.37	40.20	Soil	12,600	0.76
08/23/2021	18:09:37	78770.70	394741.31	40.16	Soil	11,820	0.22
08/23/2021	18:09:38	78770.91	394741.34	40.10	Soil	12,600	0.76
08/23/2021	18:09:39	78771.05	394741.39	40.04	Soil	10,680	-0.58
08/23/2021	18:09:40	78771.26	394741.47	40.02	Soil	12,600	0.76
08/23/2021	18:09:41	78771.48	394741.46	39.98	Soil	10,380	-0.79
08/23/2021	18:09:42	78771.61	394741.39	39.94	Soil	12,960	1.02
08/23/2021	18:09:43	78771.72	394741.39	39.77	Soil	11,100	-0.29
08/23/2021	18:09:44	78771.90	394741.40	39.72	Soil	12,900	0.98
08/23/2021	18:09:45	78772.07	394741.22	39.55	Soil	10,260	-0.88
08/23/2021	18:09:46	78772.30	394741.27	39.51	Soil	10,140	-0.96
08/23/2021	18:09:47	78772.51	394741.34	39.55	Soil	10,680	-0.58
08/23/2021	18:09:48	78772.59	394741.61	39.59	Soil	10,740	-0.54
08/23/2021	18:09:49	78772.56	394741.93	39.60	Soil	13,680	1.52
08/23/2021	18:09:50	78772.56	394741.97	39.67	Soil	11,940	0.30
08/23/2021	18:09:51	78772.53	394741.87	39.83	Soil	11,640	0.09
08/23/2021	18:09:52	78772.22	394741.77	39.91	Soil	11,640	0.09
08/23/2021	18:09:53	78771.93	394741.87	39.91	Soil	12,060	0.39
08/23/2021	18:09:54	78771.95	394741.80	39.89	Soil	12,360	0.60
08/23/2021	18:09:55	78771.93	394741.83	39.94	Soil	11,880	0.26
08/23/2021	18:09:56	78771.81	394741.84	39.97	Soil	13,200	1.19
08/23/2021	18:09:57	78771.70	394741.83	40.01	Soil	11,400	-0.08
08/23/2021	18:09:58	78771.56	394741.81	40.03	Soil	12,720	0.85
08/23/2021	18:09:59	78771.39	394741.74	40.05	Soil	13,080	1.10
08/23/2021	18:10:00	78771.23	394741.79	40.12	Soil	13,080	1.10
08/23/2021	18:10:01	78771.00	394741.76	40.21	Soil	13,500	1.40
08/23/2021	18:10:02	78770.83	394741.81	40.27	Soil	12,900	0.98
08/23/2021	18:10:03	78770.72	394741.75	40.32	Soil	11,280	-0.16
08/23/2021	18:10:04	78770.63	394741.82	40.36	Soil	12,120	0.43
08/23/2021	18:10:05	78770.48	394741.71	40.35	Soil	11,340	-0.12

SU 7D GWS RESULTS
(SOIL)

08/23/2021	18:10:06	78770.35	394741.74	40.32	Soil	10,860	-0.46
08/23/2021	18:10:07	78770.21	394741.68	40.35	Soil	11,340	-0.12
08/23/2021	18:10:08	78769.96	394741.76	40.35	Soil	10,920	-0.41
08/23/2021	18:10:09	78769.63	394741.73	40.32	Soil	12,540	0.72
08/23/2021	18:10:10	78769.45	394741.81	40.34	Soil	11,520	0.01
08/23/2021	18:10:11	78769.28	394741.84	40.41	Soil	11,340	-0.12
08/23/2021	18:10:12	78769.08	394741.96	40.51	Soil	11,700	0.13
08/23/2021	18:10:13	78768.82	394742.06	40.54	Soil	10,740	-0.54
08/23/2021	18:10:14	78768.65	394742.19	40.54	Soil	13,380	1.31
08/23/2021	18:10:15	78768.53	394742.13	40.54	Soil	10,560	-0.67
08/23/2021	18:10:16	78768.44	394742.21	40.53	Soil	12,120	0.43
08/23/2021	18:10:17	78768.33	394742.19	40.51	Soil	11,820	0.22
08/23/2021	18:10:18	78768.19	394742.11	40.51	Soil	11,940	0.30
08/23/2021	18:10:19	78768.14	394742.27	40.49	Soil	12,840	0.93
08/23/2021	18:10:20	78768.07	394742.25	40.47	Soil	13,260	1.23
08/23/2021	18:10:21	78767.90	394742.23	40.48	Soil	13,380	1.31
08/23/2021	18:10:22	78767.74	394742.36	40.50	Soil	12,720	0.85
08/23/2021	18:10:23	78767.68	394742.34	40.50	Soil	12,060	0.39
08/23/2021	18:10:24	78767.65	394742.14	40.50	Soil	12,420	0.64
08/23/2021	18:10:25	78767.73	394742.18	40.51	Soil	14,940	2.41
08/23/2021	18:10:26	78767.85	394742.13	40.52	Soil	13,980	1.73
08/23/2021	18:10:27	78767.95	394741.98	40.54	Soil	12,480	0.68
08/23/2021	18:10:28	78768.10	394742.02	40.55	Soil	11,220	-0.20
08/23/2021	18:10:29	78768.14	394741.91	40.57	Soil	12,180	0.47
08/23/2021	18:10:30	78768.26	394741.82	40.55	Soil	11,760	0.18
08/23/2021	18:10:31	78768.35	394741.76	40.55	Soil	13,200	1.19
08/23/2021	18:10:32	78768.42	394741.69	40.48	Soil	11,100	-0.29
08/23/2021	18:10:33	78768.53	394741.72	40.48	Soil	10,920	-0.41
08/23/2021	18:10:34	78768.59	394741.56	40.46	Soil	10,500	-0.71
08/23/2021	18:10:35	78768.71	394741.62	40.45	Soil	10,740	-0.54
08/23/2021	18:10:36	78768.83	394741.61	40.47	Soil	11,460	-0.04
08/23/2021	18:10:37	78768.83	394741.37	40.47	Soil	11,040	-0.33
08/23/2021	18:10:38	78768.87	394741.41	40.56	Soil	11,880	0.26
08/23/2021	18:10:39	78768.84	394741.57	40.61	Soil	12,720	0.85
08/23/2021	18:10:40	78768.71	394741.69	40.63	Soil	12,120	0.43
08/23/2021	18:10:41	78768.66	394741.86	40.70	Soil	11,820	0.22
08/23/2021	18:10:42	78768.47	394741.92	40.66	Soil	10,920	-0.41
08/23/2021	18:10:43	78768.39	394741.94	40.62	Soil	10,560	-0.67
08/23/2021	18:10:44	78768.21	394741.96	40.62	Soil	12,000	0.34
08/23/2021	18:10:45	78768.05	394742.03	40.59	Soil	11,340	-0.12
08/23/2021	18:10:46	78767.95	394742.00	40.56	Soil	11,640	0.09
08/23/2021	18:10:47	78767.80	394741.93	40.55	Soil	12,120	0.43
08/23/2021	18:10:48	78767.65	394742.05	40.55	Soil	12,960	1.02
08/23/2021	18:10:49	78767.46	394741.96	40.55	Soil	11,460	-0.04
08/23/2021	18:10:50	78767.38	394742.00	40.56	Soil	10,980	-0.37
08/23/2021	18:10:51	78767.27	394742.14	40.57	Soil	10,860	-0.46
08/23/2021	18:10:52	78767.15	394742.16	40.58	Soil	12,420	0.64
08/23/2021	18:10:53	78767.07	394742.28	40.60	Soil	12,540	0.72
08/23/2021	18:10:54	78766.96	394742.31	40.58	Soil	13,740	1.56
08/23/2021	18:10:55	78766.84	394742.31	40.59	Soil	11,820	0.22
08/23/2021	18:10:56	78766.70	394742.38	40.57	Soil	8,940	-1.80

SU 7D GWS RESULTS
(SOIL)

08/23/2021	18:10:57	78766.50	394742.35	40.57	Soil	12,720	0.85
08/23/2021	18:10:58	78766.31	394742.46	40.57	Soil	10,800	-0.50
08/23/2021	18:10:59	78766.13	394742.46	40.57	Soil	12,000	0.34
08/23/2021	18:11:00	78766.05	394742.54	40.57	Soil	12,240	0.51
08/23/2021	18:11:01	78765.92	394742.45	40.58	Soil	10,260	-0.88
08/23/2021	18:11:02	78765.80	394742.53	40.58	Soil	13,560	1.44
08/23/2021	18:11:03	78765.69	394742.48	40.61	Soil	9,060	-1.72
08/23/2021	18:11:04	78765.60	394742.51	40.61	Soil	12,120	0.43
08/23/2021	18:11:05	78765.51	394742.53	40.61	Soil	11,400	-0.08
08/23/2021	18:11:06	78765.43	394742.40	40.63	Soil	12,240	0.51
08/23/2021	18:11:07	78765.39	394742.48	40.63	Soil	11,460	-0.04
08/23/2021	18:11:08	78765.30	394742.60	40.63	Soil	11,160	-0.25
08/23/2021	18:11:09	78765.20	394742.52	40.61	Soil	12,360	0.60
08/23/2021	18:11:10	78765.09	394742.54	40.60	Soil	12,240	0.51
08/23/2021	18:11:11	78764.91	394742.61	40.61	Soil	10,920	-0.41
08/23/2021	18:11:12	78764.74	394742.55	40.61	Soil	10,860	-0.46
08/23/2021	18:11:13	78764.58	394742.67	40.61	Soil	10,980	-0.37
08/23/2021	18:11:14	78764.48	394742.59	40.62	Soil	11,640	0.09
08/23/2021	18:11:15	78764.42	394742.56	40.61	Soil	12,000	0.34
08/23/2021	18:11:16	78764.33	394742.66	40.62	Soil	11,340	-0.12
08/23/2021	18:11:17	78764.23	394742.64	40.63	Soil	12,360	0.60
08/23/2021	18:11:18	78764.09	394742.52	40.64	Soil	10,560	-0.67
08/23/2021	18:11:19	78763.93	394742.55	40.63	Soil	11,820	0.22
08/23/2021	18:11:20	78763.74	394742.47	40.63	Soil	10,860	-0.46
08/23/2021	18:11:21	78763.61	394742.41	40.62	Soil	12,060	0.39
08/23/2021	18:11:22	78763.71	394742.45	40.61	Soil	10,680	-0.58
08/23/2021	18:11:23	78763.75	394742.40	40.60	Soil	11,220	-0.20
08/23/2021	18:11:24	78763.83	394742.40	40.64	Soil	12,300	0.55
08/23/2021	18:11:25	78763.92	394742.56	40.62	Soil	11,400	-0.08
08/23/2021	18:11:26	78764.02	394742.74	40.61	Soil	12,360	0.60
08/23/2021	18:11:27	78764.09	394742.87	40.60	Soil	12,000	0.34
08/23/2021	18:11:28	78764.18	394743.13	40.59	Soil	11,820	0.22
08/23/2021	18:11:29	78764.21	394743.07	40.58	Soil	12,840	0.93
08/23/2021	18:11:30	78764.24	394742.95	40.57	Soil	11,100	-0.29
08/23/2021	18:11:31	78764.35	394742.85	40.57	Soil	12,300	0.55
08/23/2021	18:11:32	78764.49	394742.85	40.57	Soil	12,480	0.68
08/23/2021	18:11:33	78764.59	394742.73	40.56	Soil	12,060	0.39
08/23/2021	18:11:34	78764.73	394742.76	40.56	Soil	10,140	-0.96
08/23/2021	18:11:35	78764.82	394742.67	40.56	Soil	11,460	-0.04
08/23/2021	18:11:36	78764.94	394742.63	40.56	Soil	11,820	0.22
08/23/2021	18:11:37	78765.06	394742.63	40.57	Soil	11,940	0.30
08/23/2021	18:11:38	78765.19	394742.57	40.57	Soil	10,620	-0.62
08/23/2021	18:11:39	78765.31	394742.65	40.57	Soil	11,880	0.26
08/23/2021	18:11:40	78765.42	394742.56	40.57	Soil	10,740	-0.54
08/23/2021	18:11:41	78765.56	394742.65	40.55	Soil	12,600	0.76
08/23/2021	18:11:42	78765.63	394742.62	40.55	Soil	11,040	-0.33
08/23/2021	18:11:43	78765.69	394742.53	40.54	Soil	12,180	0.47
08/23/2021	18:11:44	78765.80	394742.74	40.53	Soil	11,100	-0.29
08/23/2021	18:11:45	78765.87	394742.72	40.51	Soil	10,860	-0.46
08/23/2021	18:11:46	78765.97	394742.64	40.50	Soil	13,560	1.44
08/23/2021	18:11:47	78766.10	394742.74	40.48	Soil	11,220	-0.20

SU 7D GWS RESULTS
(SOIL)

08/23/2021	18:11:48	78766.19	394742.67	40.46	Soil	12,540	0.72
08/23/2021	18:11:49	78766.27	394742.76	40.45	Soil	9,840	-1.17
08/23/2021	18:11:50	78766.39	394742.80	40.43	Soil	12,060	0.39
08/23/2021	18:11:51	78766.51	394742.75	40.41	Soil	10,560	-0.67
08/23/2021	18:11:52	78766.64	394742.79	40.40	Soil	15,000	2.45
08/23/2021	18:11:53	78766.76	394742.70	40.40	Soil	10,860	-0.46
08/23/2021	18:11:54	78766.90	394742.79	40.39	Soil	12,720	0.85
08/23/2021	18:11:55	78766.98	394742.68	40.37	Soil	13,260	1.23
08/23/2021	18:11:56	78767.11	394742.68	40.35	Soil	11,640	0.09
08/23/2021	18:11:57	78767.21	394742.60	40.33	Soil	14,160	1.86
08/23/2021	18:11:58	78767.33	394742.60	40.33	Soil	14,100	1.82
08/23/2021	18:11:59	78767.43	394742.58	40.31	Soil	14,040	1.78
08/23/2021	18:12:00	78767.50	394742.41	40.30	Soil	11,700	0.13
08/23/2021	18:12:01	78767.58	394742.44	40.29	Soil	11,460	-0.04
08/23/2021	18:12:02	78767.63	394742.36	40.28	Soil	12,780	0.89
08/23/2021	18:12:03	78767.65	394742.27	40.28	Soil	11,880	0.26
08/23/2021	18:12:04	78767.66	394742.28	40.29	Soil	12,120	0.43
08/23/2021	18:12:05	78767.66	394742.40	40.29	Soil	11,640	0.09
08/23/2021	18:12:06	78767.63	394742.59	40.32	Soil	10,920	-0.41
08/23/2021	18:12:07	78767.50	394742.54	40.33	Soil	12,840	0.93
08/23/2021	18:12:08	78767.46	394742.60	40.34	Soil	14,520	2.11
08/23/2021	18:12:09	78767.49	394742.74	40.34	Soil	13,500	1.40
08/23/2021	18:12:10	78767.54	394742.67	40.34	Soil	13,740	1.56
08/23/2021	18:12:11	78767.57	394742.49	40.33	Soil	13,620	1.48
08/23/2021	18:12:12	78767.64	394742.54	40.33	Soil	11,940	0.30
08/23/2021	18:12:13	78767.77	394742.68	40.32	Soil	14,820	2.32
08/23/2021	18:12:14	78767.89	394742.58	40.34	Soil	11,700	0.13
08/23/2021	18:12:15	78768.08	394742.50	40.34	Soil	11,280	-0.16
08/23/2021	18:12:16	78768.24	394742.42	40.34	Soil	11,700	0.13
08/23/2021	18:12:17	78768.37	394742.34	40.38	Soil	10,500	-0.71
08/23/2021	18:12:18	78768.52	394742.38	40.28	Soil	10,680	-0.58
08/23/2021	18:12:19	78768.61	394742.26	40.25	Soil	10,380	-0.79
08/23/2021	18:12:20	78768.81	394742.27	40.21	Soil	11,940	0.30
08/23/2021	18:12:21	78768.88	394742.07	40.17	Soil	12,840	0.93
08/23/2021	18:12:22	78769.04	394742.05	40.13	Soil	11,340	-0.12
08/23/2021	18:12:23	78769.12	394741.92	40.15	Soil	11,460	-0.04
08/23/2021	18:12:24	78769.30	394741.89	40.07	Soil	12,120	0.43
08/23/2021	18:12:25	78769.64	394741.89	40.06	Soil	11,460	-0.04
08/23/2021	18:12:26	78769.89	394741.75	40.06	Soil	10,020	-1.05
08/23/2021	18:12:27	78770.08	394741.97	40.07	Soil	12,300	0.55
08/23/2021	18:12:28	78770.12	394741.90	40.06	Soil	13,380	1.31
08/23/2021	18:12:29	78770.23	394741.81	39.95	Soil	13,440	1.35
08/23/2021	18:12:30	78770.39	394741.94	39.95	Soil	12,060	0.39
08/23/2021	18:12:31	78770.51	394741.92	39.93	Soil	14,280	1.94
08/23/2021	18:12:32	78770.64	394741.97	39.89	Soil	11,880	0.26
08/23/2021	18:12:33	78770.70	394741.91	39.87	Soil	12,660	0.81
08/23/2021	18:12:34	78770.81	394741.87	39.81	Soil	12,300	0.55
08/23/2021	18:12:35	78770.88	394741.86	39.80	Soil	13,380	1.31
08/23/2021	18:12:36	78770.91	394741.74	39.79	Soil	11,820	0.22
08/23/2021	18:12:37	78771.00	394741.91	39.77	Soil	11,220	-0.20
08/23/2021	18:12:38	78771.03	394741.81	39.73	Soil	12,060	0.39

SU 7D GWS RESULTS
(SOIL)

08/23/2021	18:12:39	78771.13	394741.72	39.72	Soil	13,320	1.27
08/23/2021	18:12:40	78771.28	394741.78	39.69	Soil	13,320	1.27
08/23/2021	18:12:41	78771.37	394741.72	39.68	Soil	12,360	0.60
08/23/2021	18:12:42	78771.49	394741.87	39.64	Soil	12,840	0.93
08/23/2021	18:12:43	78771.62	394741.81	39.58	Soil	12,360	0.60
08/23/2021	18:12:44	78771.80	394741.79	39.45	Soil	12,540	0.72
08/23/2021	18:12:45	78771.92	394741.70	39.41	Soil	12,060	0.39
08/23/2021	18:12:46	78771.97	394741.59	39.34	Soil	10,380	-0.79
08/23/2021	18:12:47	78772.09	394741.73	39.30	Soil	12,300	0.55
08/23/2021	18:12:48	78772.24	394741.72	39.27	Soil	12,960	1.02
08/23/2021	18:12:49	78772.29	394741.50	39.26	Soil	12,000	0.34
08/23/2021	18:12:50	78772.33	394741.51	39.11	Soil	10,560	-0.67
08/23/2021	18:12:51	78772.48	394741.67	39.10	Soil	9,960	-1.09
08/23/2021	18:12:52	78772.74	394741.57	39.09	Soil	10,860	-0.46
08/23/2021	18:12:53	78772.78	394741.53	39.10	Soil	12,720	0.85
08/23/2021	18:12:54	78772.80	394741.53	39.09	Soil	10,620	-0.62
08/23/2021	18:12:55	78772.75	394741.62	39.08	Soil	11,760	0.18
08/23/2021	18:12:56	78772.68	394741.90	39.08	Soil	11,160	-0.25
08/23/2021	18:12:57	78772.75	394742.10	39.10	Soil	10,740	-0.54
08/23/2021	18:12:58	78772.81	394742.13	39.10	Soil	12,420	0.64
08/23/2021	18:12:59	78772.79	394742.10	39.11	Soil	11,760	0.18
08/23/2021	18:13:00	78772.80	394742.07	39.10	Soil	11,880	0.26
08/23/2021	18:13:01	78772.83	394742.06	39.11	Soil	10,800	-0.50
08/23/2021	18:13:02	78772.82	394742.06	39.11	Soil	12,660	0.81
08/23/2021	18:13:03	78772.80	394742.06	39.12	Soil	12,480	0.68
08/23/2021	18:13:04	78772.81	394742.12	39.12	Soil	12,300	0.55
08/23/2021	18:13:05	78772.82	394742.15	39.20	Soil	12,000	0.34
08/23/2021	18:13:06	78772.73	394742.09	39.24	Soil	14,520	2.11
08/23/2021	18:13:07	78772.53	394741.98	39.21	Soil	13,020	1.06
08/23/2021	18:13:08	78772.50	394742.10	39.27	Soil	12,360	0.60
08/23/2021	18:13:09	78772.44	394742.07	39.29	Soil	10,980	-0.37
08/23/2021	18:13:10	78772.29	394742.11	39.45	Soil	12,960	1.02
08/23/2021	18:13:11	78772.08	394742.23	39.47	Soil	13,620	1.48
08/23/2021	18:13:12	78771.89	394741.99	39.46	Soil	11,940	0.30
08/23/2021	18:13:13	78771.91	394742.03	39.44	Soil	13,980	1.73
08/23/2021	18:13:14	78771.93	394742.02	39.41	Soil	13,320	1.27
08/23/2021	18:13:15	78771.92	394742.04	39.52	Soil	12,300	0.55
08/23/2021	18:13:16	78771.83	394742.03	39.52	Soil	11,220	-0.20
08/23/2021	18:13:17	78771.72	394741.85	39.54	Soil	11,700	0.13
08/23/2021	18:13:18	78771.68	394741.90	39.60	Soil	13,380	1.31
08/23/2021	18:13:19	78771.65	394741.92	39.62	Soil	11,340	-0.12
08/23/2021	18:13:20	78771.50	394742.00	39.63	Soil	11,640	0.09
08/23/2021	18:13:21	78771.37	394741.92	39.66	Soil	12,000	0.34
08/23/2021	18:13:22	78771.30	394741.95	39.68	Soil	12,300	0.55
08/23/2021	18:13:23	78771.20	394741.97	39.70	Soil	14,040	1.78
08/23/2021	18:13:24	78771.11	394741.89	39.71	Soil	11,100	-0.29
08/23/2021	18:13:25	78771.06	394742.00	39.74	Soil	11,700	0.13
08/23/2021	18:13:26	78770.90	394741.93	39.78	Soil	12,300	0.55
08/23/2021	18:13:27	78770.82	394742.04	39.80	Soil	10,800	-0.50
08/23/2021	18:13:28	78770.71	394742.04	39.81	Soil	11,580	0.05
08/23/2021	18:13:29	78770.63	394741.90	39.86	Soil	11,580	0.05

SU 7D GWS RESULTS
(SOIL)

08/23/2021	18:13:30	78770.58	394741.95	39.92	Soil	11,580	0.05
08/23/2021	18:13:31	78770.43	394742.16	39.99	Soil	13,560	1.44
08/23/2021	18:13:32	78770.28	394742.12	39.98	Soil	12,960	1.02
08/23/2021	18:13:33	78770.24	394742.21	39.97	Soil	10,260	-0.88
08/23/2021	18:13:34	78770.20	394742.35	39.96	Soil	12,480	0.68
08/23/2021	18:13:35	78770.01	394742.20	39.95	Soil	10,380	-0.79
08/23/2021	18:13:36	78769.79	394742.26	39.94	Soil	12,060	0.39
08/23/2021	18:13:37	78769.46	394742.56	39.93	Soil	12,600	0.76
08/23/2021	18:13:38	78769.39	394742.39	39.93	Soil	11,040	-0.33
08/23/2021	18:13:39	78769.33	394742.21	39.93	Soil	12,600	0.76
08/23/2021	18:13:40	78769.30	394742.27	39.93	Soil	12,600	0.76
08/23/2021	18:13:41	78769.25	394742.45	39.94	Soil	12,240	0.51
08/23/2021	18:13:42	78769.20	394742.42	39.95	Soil	11,760	0.18
08/23/2021	18:13:43	78769.23	394742.24	39.94	Soil	11,160	-0.25
08/23/2021	18:13:44	78769.33	394742.34	39.93	Soil	12,180	0.47
08/23/2021	18:13:45	78769.31	394742.32	39.93	Soil	13,320	1.27
08/23/2021	18:13:46	78769.34	394742.32	39.93	Soil	10,560	-0.67
08/23/2021	18:13:47	78769.36	394742.30	39.92	Soil	11,820	0.22
08/23/2021	18:13:48	78769.31	394742.14	39.92	Soil	11,700	0.13
08/23/2021	18:13:49	78769.46	394742.13	39.90	Soil	12,180	0.47
08/23/2021	18:13:50	78769.54	394742.09	39.88	Soil	11,220	-0.20
08/23/2021	18:13:51	78769.93	394741.76	39.88	Soil	11,820	0.22
08/23/2021	18:13:52	78769.97	394741.72	39.90	Soil	11,940	0.30
08/23/2021	18:13:53	78769.96	394741.73	39.90	Soil	10,920	-0.41
08/23/2021	18:13:54	78769.91	394741.77	39.89	Soil	11,280	-0.16
08/23/2021	18:13:55	78769.76	394741.88	39.90	Soil	10,680	-0.58
08/23/2021	18:13:56	78769.45	394742.09	39.91	Soil	11,340	-0.12
08/23/2021	18:13:57	78769.36	394742.19	39.91	Soil	11,520	0.01
08/23/2021	18:13:58	78769.28	394742.19	39.91	Soil	12,240	0.51
08/23/2021	18:13:59	78769.15	394742.26	39.96	Soil	11,340	-0.12
08/23/2021	18:14:00	78768.98	394742.38	40.02	Soil	11,820	0.22
08/23/2021	18:14:01	78768.78	394742.31	40.05	Soil	11,100	-0.29
08/23/2021	18:14:02	78768.60	394742.48	40.05	Soil	12,480	0.68
08/23/2021	18:14:03	78768.48	394742.37	40.04	Soil	12,000	0.34
08/23/2021	18:14:04	78768.40	394742.40	40.06	Soil	11,160	-0.25
08/23/2021	18:14:05	78768.27	394742.48	40.04	Soil	11,700	0.13
08/23/2021	18:14:06	78768.06	394742.39	40.04	Soil	9,840	-1.17
08/23/2021	18:14:07	78767.90	394742.53	40.04	Soil	11,820	0.22
08/23/2021	18:14:08	78767.71	394742.44	40.04	Soil	11,460	-0.04
08/23/2021	18:14:09	78767.54	394742.59	40.05	Soil	13,920	1.69
08/23/2021	18:14:10	78767.36	394742.56	40.06	Soil	12,720	0.85
08/23/2021	18:14:11	78767.19	394742.58	40.08	Soil	13,080	1.10
08/23/2021	18:14:12	78767.00	394742.66	40.07	Soil	11,400	-0.08
08/23/2021	18:14:13	78766.78	394742.66	40.07	Soil	11,940	0.30
08/23/2021	18:14:14	78766.64	394742.83	40.07	Soil	11,400	-0.08
08/23/2021	18:14:15	78766.45	394742.72	40.07	Soil	10,680	-0.58
08/23/2021	18:14:16	78766.35	394742.83	40.09	Soil	11,460	-0.04
08/23/2021	18:14:17	78766.21	394742.87	40.09	Soil	9,480	-1.42
08/23/2021	18:14:18	78766.04	394742.86	40.10	Soil	13,260	1.23
08/23/2021	18:14:19	78765.87	394743.03	40.11	Soil	10,800	-0.50
08/23/2021	18:14:20	78765.66	394743.02	40.14	Soil	10,440	-0.75

SU 7D GWS RESULTS
(SOIL)

08/23/2021	18:14:21	78765.49	394743.15	40.16	Soil	10,860	-0.46
08/23/2021	18:14:22	78765.33	394743.09	40.18	Soil	12,840	0.93
08/23/2021	18:14:23	78765.20	394743.12	40.21	Soil	12,540	0.72
08/23/2021	18:14:24	78765.01	394743.17	40.20	Soil	10,980	-0.37
08/23/2021	18:14:25	78764.86	394743.09	40.19	Soil	12,420	0.64
08/23/2021	18:14:26	78764.71	394743.19	40.18	Soil	10,680	-0.58
08/23/2021	18:14:27	78764.53	394743.06	40.19	Soil	11,760	0.18
08/23/2021	18:14:28	78764.33	394743.15	40.18	Soil	11,880	0.26
08/23/2021	18:14:29	78764.24	394743.02	40.19	Soil	10,860	-0.46
08/23/2021	18:14:30	78764.06	394742.93	40.18	Soil	9,840	-1.17
08/23/2021	18:14:31	78763.96	394742.81	40.19	Soil	10,440	-0.75
08/23/2021	18:14:32	78764.07	394742.92	40.19	Soil	12,120	0.43
08/23/2021	18:14:33	78764.09	394743.10	40.19	Soil	11,400	-0.08
08/23/2021	18:14:34	78764.28	394743.02	40.19	Soil	12,360	0.60
08/23/2021	18:14:35	78764.38	394743.14	40.19	Soil	11,520	0.01
08/23/2021	18:14:36	78764.47	394743.14	40.20	Soil	12,720	0.85
08/23/2021	18:14:37	78764.63	394743.06	40.21	Soil	11,040	-0.33
08/23/2021	18:14:38	78764.76	394743.13	40.20	Soil	10,980	-0.37
08/23/2021	18:14:39	78764.89	394743.01	40.19	Soil	11,640	0.09
08/23/2021	18:14:40	78765.02	394743.14	40.18	Soil	13,020	1.06
08/23/2021	18:14:41	78765.20	394743.05	40.18	Soil	12,120	0.43
08/23/2021	18:14:42	78765.32	394743.12	40.18	Soil	12,300	0.55
08/23/2021	18:14:43	78765.39	394743.16	40.17	Soil	10,440	-0.75
08/23/2021	18:14:44	78765.42	394743.03	40.16	Soil	11,760	0.18
08/23/2021	18:14:45	78765.48	394742.83	40.17	Soil	13,020	1.06
08/23/2021	18:14:46	78765.50	394742.83	40.17	Soil	12,720	0.85
08/23/2021	18:14:47	78765.47	394742.86	40.16	Soil	12,960	1.02
08/23/2021	18:14:48	78765.43	394742.86	40.16	Soil	11,100	-0.29
08/23/2021	18:14:49	78765.32	394742.96	40.17	Soil	12,300	0.55
08/23/2021	18:14:50	78765.23	394743.09	40.17	Soil	12,660	0.81
08/23/2021	18:14:51	78765.21	394742.99	40.18	Soil	10,200	-0.92
08/23/2021	18:14:52	78765.20	394742.91	40.19	Soil	14,700	2.24
08/23/2021	18:14:53	78765.16	394742.92	40.18	Soil	12,540	0.72
08/23/2021	18:14:54	78765.18	394743.10	40.19	Soil	13,440	1.35
08/23/2021	18:14:55	78765.08	394743.21	40.19	Soil	12,000	0.34
08/23/2021	18:14:56	78764.85	394743.14	40.19	Soil	10,440	-0.75
08/23/2021	18:14:57	78764.80	394743.33	40.18	Soil	12,360	0.60
08/23/2021	18:14:58	78764.69	394743.34	40.17	Soil	11,220	-0.20
08/23/2021	18:14:59	78764.50	394743.34	40.17	Soil	10,320	-0.84
08/23/2021	18:15:00	78764.42	394743.51	40.16	Soil	11,700	0.13
08/23/2021	18:15:01	78764.28	394743.37	40.16	Soil	11,700	0.13
08/23/2021	18:15:02	78764.31	394743.39	40.17	Soil	12,120	0.43
08/23/2021	18:15:03	78764.45	394743.44	40.18	Soil	10,380	-0.79
08/23/2021	18:15:04	78764.58	394743.29	40.19	Soil	11,460	-0.04
08/23/2021	18:15:05	78764.74	394743.35	40.18	Soil	11,160	-0.25
08/23/2021	18:15:06	78764.87	394743.23	40.18	Soil	12,240	0.51
08/23/2021	18:15:07	78764.99	394743.24	40.18	Soil	12,660	0.81
08/23/2021	18:15:08	78765.09	394743.21	40.15	Soil	11,940	0.30
08/23/2021	18:15:09	78765.24	394743.03	40.16	Soil	10,980	-0.37
08/23/2021	18:15:10	78765.36	394743.10	40.15	Soil	10,200	-0.92
08/23/2021	18:15:11	78765.49	394743.00	40.14	Soil	13,560	1.44

SU 7D GWS RESULTS
(SOIL)

08/23/2021	18:15:12	78765.56	394743.04	40.13	Soil	12,300	0.55
08/23/2021	18:15:13	78765.70	394743.12	40.12	Soil	11,760	0.18
08/23/2021	18:15:14	78765.88	394743.00	40.11	Soil	10,980	-0.37
08/23/2021	18:15:15	78766.04	394743.10	40.12	Soil	11,040	-0.33
08/23/2021	18:15:16	78766.14	394742.96	40.12	Soil	10,980	-0.37
08/23/2021	18:15:17	78766.19	394742.94	40.12	Soil	13,920	1.69
08/23/2021	18:15:18	78766.33	394743.02	40.13	Soil	12,960	1.02
08/23/2021	18:15:19	78766.47	394742.87	40.13	Soil	11,100	-0.29
08/23/2021	18:15:20	78766.62	394742.95	40.12	Soil	12,960	1.02
08/23/2021	18:15:21	78766.73	394742.90	40.11	Soil	12,000	0.34
08/23/2021	18:15:22	78766.85	394742.80	40.11	Soil	11,340	-0.12
08/23/2021	18:15:23	78767.02	394742.89	40.10	Soil	12,300	0.55
08/23/2021	18:15:24	78767.12	394742.77	40.10	Soil	13,680	1.52
08/23/2021	18:15:25	78767.24	394742.84	40.08	Soil	12,180	0.47
08/23/2021	18:15:26	78767.33	394742.73	40.08	Soil	12,840	0.93
08/23/2021	18:15:27	78767.48	394742.71	40.07	Soil	11,820	0.22
08/23/2021	18:15:28	78767.65	394742.68	40.07	Soil	11,640	0.09
08/23/2021	18:15:29	78767.73	394742.52	40.07	Soil	11,760	0.18
08/23/2021	18:15:30	78767.84	394742.54	40.05	Soil	11,160	-0.25
08/23/2021	18:15:31	78767.93	394742.54	40.04	Soil	12,900	0.98
08/23/2021	18:15:32	78768.01	394742.46	40.05	Soil	12,540	0.72
08/23/2021	18:15:33	78768.15	394742.56	40.04	Soil	11,520	0.01
08/23/2021	18:15:34	78768.33	394742.44	40.03	Soil	11,520	0.01
08/23/2021	18:15:35	78768.56	394742.60	39.98	Soil	11,520	0.01
08/23/2021	18:15:36	78768.63	394742.48	39.92	Soil	11,220	-0.20
08/23/2021	18:15:37	78768.72	394742.42	39.91	Soil	11,820	0.22
08/23/2021	18:15:38	78768.83	394742.42	39.90	Soil	11,580	0.05
08/23/2021	18:15:39	78768.93	394742.28	39.89	Soil	12,360	0.60
08/23/2021	18:15:40	78769.10	394742.29	39.90	Soil	10,800	-0.50
08/23/2021	18:15:41	78769.19	394742.17	39.99	Soil	10,560	-0.67
08/23/2021	18:15:42	78769.36	394742.14	39.92	Soil	12,360	0.60
08/23/2021	18:15:43	78769.72	394742.14	39.93	Soil	11,340	-0.12
08/23/2021	18:15:44	78769.96	394741.86	39.94	Soil	10,920	-0.41
08/23/2021	18:15:45	78770.11	394741.96	39.91	Soil	12,780	0.89
08/23/2021	18:15:46	78770.20	394741.99	39.89	Soil	13,080	1.10
08/23/2021	18:15:47	78770.28	394741.94	39.82	Soil	12,420	0.64
08/23/2021	18:15:48	78770.41	394742.06	39.79	Soil	11,280	-0.16
08/23/2021	18:15:49	78770.51	394741.90	39.75	Soil	11,100	-0.29
08/23/2021	18:15:50	78770.68	394741.99	39.70	Soil	12,300	0.55
08/23/2021	18:15:51	78770.79	394741.84	39.64	Soil	11,220	-0.20
08/23/2021	18:15:52	78770.97	394741.87	39.61	Soil	9,840	-1.17
08/23/2021	18:15:53	78771.11	394741.75	39.60	Soil	11,280	-0.16
08/23/2021	18:15:54	78771.31	394741.80	39.56	Soil	14,880	2.36
08/23/2021	18:15:55	78771.44	394741.70	39.47	Soil	12,420	0.64
08/23/2021	18:15:56	78771.59	394741.56	39.34	Soil	12,900	0.98
08/23/2021	18:15:57	78771.76	394741.65	39.32	Soil	9,900	-1.13
08/23/2021	18:15:58	78772.00	394741.53	39.20	Soil	13,680	1.52
08/23/2021	18:15:59	78772.08	394741.63	39.17	Soil	14,160	1.86
08/23/2021	18:16:00	78772.17	394741.77	39.28	Soil	13,020	1.06
08/23/2021	18:16:01	78772.28	394741.79	39.33	Soil	12,540	0.72
08/23/2021	18:16:02	78772.03	394741.80	39.33	Soil	12,540	0.72

SU 7D GWS RESULTS
(SOIL)

08/23/2021	18:16:03	78771.86	394741.94	39.51	Soil	11,340	-0.12
08/23/2021	18:16:04	78771.59	394741.94	39.55	Soil	12,600	0.76
08/23/2021	18:16:05	78771.41	394741.94	39.61	Soil	12,900	0.98
08/23/2021	18:16:06	78771.30	394741.86	39.65	Soil	11,340	-0.12
08/23/2021	18:16:07	78771.25	394741.87	39.71	Soil	12,480	0.68
08/23/2021	18:16:08	78771.16	394742.01	39.76	Soil	13,440	1.35
08/23/2021	18:16:09	78770.93	394741.95	39.82	Soil	11,940	0.30
08/23/2021	18:16:10	78770.81	394742.12	39.85	Soil	10,500	-0.71
08/23/2021	18:16:11	78770.65	394742.06	39.91	Soil	13,260	1.23
08/23/2021	18:16:12	78770.54	394742.08	39.94	Soil	12,720	0.85
08/23/2021	18:16:13	78770.49	394742.18	39.98	Soil	11,040	-0.33
08/23/2021	18:16:14	78770.29	394741.99	40.00	Soil	11,760	0.18
08/23/2021	18:16:15	78770.18	394742.23	40.00	Soil	11,280	-0.16
08/23/2021	18:16:16	78770.00	394742.18	40.01	Soil	12,840	0.93
08/23/2021	18:16:17	78769.80	394742.18	40.05	Soil	11,040	-0.33
08/23/2021	18:16:18	78769.58	394742.31	39.96	Soil	12,420	0.64
08/23/2021	18:16:19	78769.41	394742.22	39.96	Soil	10,620	-0.62
08/23/2021	18:16:20	78769.23	394742.38	39.97	Soil	12,060	0.39
08/23/2021	18:16:21	78769.17	394742.35	39.96	Soil	11,520	0.01
08/23/2021	18:16:22	78769.02	394742.27	39.99	Soil	12,840	0.93
08/23/2021	18:16:23	78768.92	394742.42	40.03	Soil	10,980	-0.37
08/23/2021	18:16:24	78768.70	394742.32	40.05	Soil	11,640	0.09
08/23/2021	18:16:25	78768.61	394742.49	40.10	Soil	11,040	-0.33
08/23/2021	18:16:26	78768.47	394742.45	40.08	Soil	11,160	-0.25
08/23/2021	18:16:27	78768.36	394742.37	40.08	Soil	11,880	0.26
08/23/2021	18:16:28	78768.25	394742.48	40.08	Soil	12,960	1.02
08/23/2021	18:16:29	78768.04	394742.46	40.10	Soil	11,400	-0.08
08/23/2021	18:16:30	78767.94	394742.65	40.10	Soil	13,440	1.35
08/23/2021	18:16:31	78767.75	394742.53	40.10	Soil	13,740	1.56
08/23/2021	18:16:32	78767.65	394742.63	40.10	Soil	10,980	-0.37
08/23/2021	18:16:33	78767.53	394742.65	40.11	Soil	11,580	0.05
08/23/2021	18:16:34	78767.32	394742.57	40.14	Soil	12,960	1.02
08/23/2021	18:16:35	78767.15	394742.76	40.15	Soil	11,400	-0.08
08/23/2021	18:16:36	78766.97	394742.75	40.16	Soil	11,160	-0.25
08/23/2021	18:16:37	78766.86	394742.94	40.16	Soil	9,900	-1.13
08/23/2021	18:16:38	78766.65	394742.87	40.16	Soil	12,060	0.39
08/23/2021	18:16:39	78766.52	394742.95	40.17	Soil	11,760	0.18
08/23/2021	18:16:40	78766.30	394743.03	40.17	Soil	12,840	0.93
08/23/2021	18:16:41	78766.13	394743.12	40.19	Soil	10,920	-0.41
08/23/2021	18:16:42	78765.95	394743.26	40.20	Soil	10,620	-0.62
08/23/2021	18:16:43	78765.69	394743.33	40.23	Soil	11,220	-0.20
08/23/2021	18:16:44	78765.56	394743.40	40.23	Soil	12,120	0.43
08/23/2021	18:16:45	78765.37	394743.32	40.25	Soil	13,920	1.69
08/23/2021	18:16:46	78765.19	394743.43	40.26	Soil	11,280	-0.16
08/23/2021	18:16:47	78764.97	394743.34	40.26	Soil	10,080	-1.00
08/23/2021	18:16:48	78764.77	394743.42	40.26	Soil	11,460	-0.04
08/23/2021	18:16:49	78764.54	394743.33	40.26	Soil	11,340	-0.12
08/23/2021	18:16:50	78764.29	394743.33	40.26	Soil	12,120	0.43
08/23/2021	18:16:51	78764.07	394743.26	40.26	Soil	10,140	-0.96
08/23/2021	18:16:52	78763.93	394743.36	40.30	Soil	12,480	0.68
08/23/2021	18:16:53	78763.72	394743.56	40.29	Soil	11,040	-0.33

SU 7D GWS RESULTS
(SOIL)

08/23/2021	18:16:54	78763.62	394743.62	40.28	Soil	10,980	-0.37
08/23/2021	18:16:55	78763.72	394743.63	40.28	Soil	12,720	0.85
08/23/2021	18:16:56	78763.82	394743.65	40.27	Soil	10,920	-0.41
08/23/2021	18:16:57	78763.87	394743.48	40.27	Soil	12,600	0.76
08/23/2021	18:16:58	78763.95	394743.59	40.27	Soil	11,160	-0.25
08/23/2021	18:16:59	78764.09	394743.54	40.27	Soil	11,940	0.30
08/23/2021	18:17:00	78764.29	394743.53	40.26	Soil	10,680	-0.58
08/23/2021	18:17:01	78764.46	394743.47	40.26	Soil	12,780	0.89
08/23/2021	18:17:02	78764.58	394743.46	40.26	Soil	11,820	0.22
08/23/2021	18:17:03	78764.66	394743.51	40.25	Soil	11,760	0.18
08/23/2021	18:17:04	78764.77	394743.40	40.25	Soil	12,840	0.93
08/23/2021	18:17:05	78764.93	394743.47	40.24	Soil	10,980	-0.37
08/23/2021	18:17:06	78765.13	394743.25	40.23	Soil	10,800	-0.50
08/23/2021	18:17:07	78765.27	394743.34	40.22	Soil	11,280	-0.16
08/23/2021	18:17:08	78765.39	394743.27	40.20	Soil	11,640	0.09
08/23/2021	18:17:09	78765.44	394743.21	40.21	Soil	12,900	0.98
08/23/2021	18:17:10	78765.55	394743.34	40.19	Soil	11,700	0.13
08/23/2021	18:17:11	78765.66	394743.24	40.19	Soil	12,840	0.93
08/23/2021	18:17:12	78765.86	394743.34	40.18	Soil	11,100	-0.29
08/23/2021	18:17:13	78766.04	394743.19	40.16	Soil	12,420	0.64
08/23/2021	18:17:14	78766.20	394743.30	40.15	Soil	11,340	-0.12
08/23/2021	18:17:15	78766.36	394743.18	40.14	Soil	12,000	0.34
08/23/2021	18:17:16	78766.46	394743.17	40.15	Soil	11,280	-0.16
08/23/2021	18:17:17	78766.61	394743.26	40.14	Soil	10,980	-0.37
08/23/2021	18:17:18	78766.72	394743.14	40.13	Soil	11,880	0.26
08/23/2021	18:17:19	78766.90	394743.24	40.12	Soil	11,340	-0.12
08/23/2021	18:17:20	78767.01	394743.10	40.12	Soil	10,260	-0.88
08/23/2021	18:17:21	78767.15	394743.16	40.10	Soil	13,140	1.14
08/23/2021	18:17:22	78767.28	394743.06	40.08	Soil	12,240	0.51
08/23/2021	18:17:23	78767.42	394743.09	40.07	Soil	9,660	-1.30
08/23/2021	18:17:24	78767.59	394743.06	40.06	Soil	12,180	0.47
08/23/2021	18:17:25	78767.75	394742.97	40.06	Soil	10,620	-0.62
08/23/2021	18:17:26	78767.90	394743.03	40.01	Soil	11,880	0.26
08/23/2021	18:17:27	78768.02	394742.86	40.01	Soil	12,180	0.47
08/23/2021	18:17:28	78768.25	394742.92	40.01	Soil	11,280	-0.16
08/23/2021	18:17:29	78768.41	394742.74	40.02	Soil	11,040	-0.33
08/23/2021	18:17:30	78768.67	394742.74	39.95	Soil	11,460	-0.04
08/23/2021	18:17:31	78768.80	394742.63	39.93	Soil	12,060	0.39
08/23/2021	18:17:32	78768.95	394742.68	39.92	Soil	11,160	-0.25
08/23/2021	18:17:33	78769.00	394742.66	39.90	Soil	11,280	-0.16
08/23/2021	18:17:34	78769.04	394742.50	39.89	Soil	12,960	1.02
08/23/2021	18:17:35	78769.22	394742.60	39.93	Soil	12,180	0.47
08/23/2021	18:17:36	78769.37	394742.49	39.95	Soil	12,780	0.89
08/23/2021	18:17:37	78769.72	394742.51	39.93	Soil	10,980	-0.37
08/23/2021	18:17:38	78769.84	394742.41	39.93	Soil	11,040	-0.33
08/23/2021	18:17:39	78769.98	394742.37	39.92	Soil	12,180	0.47
08/23/2021	18:17:40	78770.14	394742.35	39.89	Soil	12,180	0.47
08/23/2021	18:17:41	78770.28	394742.23	39.82	Soil	13,380	1.31
08/23/2021	18:17:42	78770.46	394742.32	39.82	Soil	11,400	-0.08
08/23/2021	18:17:43	78770.55	394742.18	39.78	Soil	14,640	2.20
08/23/2021	18:17:44	78770.67	394742.21	39.75	Soil	12,900	0.98

SU 7D GWS RESULTS
(SOIL)

08/23/2021	18:17:45	78770.81	394742.24	39.70	Soil	12,540	0.72
08/23/2021	18:17:46	78770.93	394742.13	39.64	Soil	12,060	0.39
08/23/2021	18:17:47	78771.08	394742.17	39.63	Soil	13,200	1.19
08/23/2021	18:17:48	78771.18	394742.05	39.58	Soil	12,960	1.02
08/23/2021	18:17:49	78771.31	394742.14	39.57	Soil	11,460	-0.04
08/23/2021	18:17:50	78771.43	394742.01	39.52	Soil	11,880	0.26
08/23/2021	18:17:51	78771.51	394742.11	39.49	Soil	11,820	0.22
08/23/2021	18:17:52	78771.57	394742.12	39.44	Soil	10,800	-0.50
08/23/2021	18:17:53	78771.74	394741.98	39.33	Soil	12,120	0.43
08/23/2021	18:17:54	78771.83	394742.01	39.31	Soil	12,720	0.85
08/23/2021	18:17:55	78772.08	394741.88	39.16	Soil	11,280	-0.16
08/23/2021	18:17:56	78772.23	394741.94	39.16	Soil	11,220	-0.20
08/23/2021	18:17:57	78772.46	394741.87	39.15	Soil	11,760	0.18
08/23/2021	18:17:58	78772.53	394741.82	39.13	Soil	12,000	0.34
08/23/2021	18:17:59	78772.53	394741.86	38.93	Soil	12,780	0.89
08/23/2021	18:18:00	78772.51	394742.14	38.92	Soil	10,500	-0.71
08/23/2021	18:18:01	78772.70	394742.49	38.92	Soil	12,840	0.93
08/23/2021	18:18:02	78772.80	394742.59	38.92	Soil	11,700	0.13
08/23/2021	18:18:03	78772.75	394742.55	38.91	Soil	12,120	0.43
08/23/2021	18:18:04	78772.83	394742.57	38.93	Soil	13,680	1.52
08/23/2021	18:18:05	78772.81	394742.58	38.98	Soil	13,560	1.44
08/23/2021	18:18:06	78772.58	394742.49	38.97	Soil	12,060	0.39
08/23/2021	18:18:07	78772.43	394742.70	39.11	Soil	11,160	-0.25
08/23/2021	18:18:08	78772.32	394742.73	39.12	Soil	12,420	0.64
08/23/2021	18:18:09	78772.09	394742.59	39.18	Soil	13,440	1.35
08/23/2021	18:18:10	78771.86	394742.82	39.18	Soil	13,680	1.52
08/23/2021	18:18:11	78771.87	394742.73	39.27	Soil	12,420	0.64
08/23/2021	18:18:12	78771.85	394742.66	39.35	Soil	11,340	-0.12
08/23/2021	18:18:13	78771.79	394742.21	39.36	Soil	11,220	-0.20
08/23/2021	18:18:14	78771.84	394742.22	39.35	Soil	13,560	1.44
08/23/2021	18:18:15	78771.83	394742.19	39.35	Soil	12,900	0.98
08/23/2021	18:18:16	78771.81	394742.18	39.49	Soil	13,740	1.56
08/23/2021	18:18:17	78771.73	394742.19	39.64	Soil	11,580	0.05
08/23/2021	18:18:18	78771.53	394742.38	39.69	Soil	12,540	0.72
08/23/2021	18:18:19	78771.21	394742.36	39.72	Soil	11,700	0.13
08/23/2021	18:18:20	78771.12	394742.49	39.75	Soil	12,000	0.34
08/23/2021	18:18:21	78771.00	394742.49	39.80	Soil	12,120	0.43
08/23/2021	18:18:22	78770.89	394742.53	39.86	Soil	10,440	-0.75
08/23/2021	18:18:23	78770.80	394742.64	39.87	Soil	12,360	0.60
08/23/2021	18:18:24	78770.66	394742.54	39.88	Soil	10,800	-0.50
08/23/2021	18:18:25	78770.56	394742.70	39.91	Soil	11,940	0.30
08/23/2021	18:18:26	78770.43	394742.69	39.92	Soil	12,360	0.60
08/23/2021	18:18:27	78770.26	394742.67	39.93	Soil	10,920	-0.41
08/23/2021	18:18:28	78770.04	394742.98	39.93	Soil	11,100	-0.29
08/23/2021	18:18:29	78769.83	394742.88	39.91	Soil	10,980	-0.37
08/23/2021	18:18:30	78769.72	394742.81	39.90	Soil	10,440	-0.75
08/23/2021	18:18:31	78769.62	394742.92	39.89	Soil	12,480	0.68
08/23/2021	18:18:32	78769.50	394742.63	39.88	Soil	12,540	0.72
08/23/2021	18:18:33	78769.46	394742.74	39.88	Soil	12,540	0.72
08/23/2021	18:18:34	78769.40	394742.79	39.89	Soil	12,180	0.47
08/23/2021	18:18:35	78769.23	394742.58	39.91	Soil	10,620	-0.62

SU 7D GWS RESULTS
(SOIL)

08/23/2021	18:18:36	78769.18	394742.73	39.99	Soil	11,280	-0.16
08/23/2021	18:18:37	78769.02	394742.76	40.02	Soil	11,400	-0.08
08/23/2021	18:18:38	78768.82	394742.65	40.04	Soil	11,460	-0.04
08/23/2021	18:18:39	78768.79	394742.86	40.05	Soil	11,760	0.18
08/23/2021	18:18:40	78768.64	394742.79	40.03	Soil	11,400	-0.08
08/23/2021	18:18:41	78768.55	394742.82	40.02	Soil	11,220	-0.20
08/23/2021	18:18:42	78768.50	394743.03	40.03	Soil	11,460	-0.04
08/23/2021	18:18:43	78768.30	394742.97	40.03	Soil	10,140	-0.96
08/23/2021	18:18:44	78768.21	394743.10	40.04	Soil	10,680	-0.58
08/23/2021	18:18:45	78768.15	394743.19	40.07	Soil	11,220	-0.20
08/23/2021	18:18:46	78768.01	394743.11	40.09	Soil	11,040	-0.33
08/23/2021	18:18:47	78767.91	394743.30	40.10	Soil	12,060	0.39
08/23/2021	18:18:48	78767.75	394743.21	40.11	Soil	11,400	-0.08
08/23/2021	18:18:49	78767.63	394743.26	40.13	Soil	11,820	0.22
08/23/2021	18:18:50	78767.51	394743.37	40.13	Soil	12,300	0.55
08/23/2021	18:18:51	78767.37	394743.26	40.13	Soil	11,220	-0.20
08/23/2021	18:18:52	78767.28	394743.43	40.14	Soil	12,720	0.85
08/23/2021	18:18:53	78767.13	394743.35	40.15	Soil	11,580	0.05
08/23/2021	18:18:54	78766.98	394743.46	40.15	Soil	10,620	-0.62
08/23/2021	18:18:55	78766.83	394743.42	40.13	Soil	11,520	0.01
08/23/2021	18:18:56	78766.67	394743.44	40.14	Soil	10,320	-0.84
08/23/2021	18:18:57	78766.55	394743.53	40.13	Soil	11,940	0.30
08/23/2021	18:18:58	78766.42	394743.41	40.15	Soil	10,620	-0.62
08/23/2021	18:18:59	78766.29	394743.54	40.17	Soil	10,860	-0.46
08/23/2021	18:19:00	78766.14	394743.45	40.19	Soil	11,940	0.30
08/23/2021	18:19:01	78766.03	394743.48	40.20	Soil	10,560	-0.67
08/23/2021	18:19:02	78765.94	394743.58	40.21	Soil	12,840	0.93
08/23/2021	18:19:03	78765.85	394743.50	40.21	Soil	11,940	0.30
08/23/2021	18:19:04	78765.78	394743.70	40.21	Soil	10,920	-0.41
08/23/2021	18:19:05	78765.60	394743.54	40.21	Soil	10,380	-0.79
08/23/2021	18:19:06	78765.47	394743.61	40.20	Soil	11,700	0.13
08/23/2021	18:19:07	78765.37	394743.56	40.20	Soil	11,940	0.30
08/23/2021	18:19:08	78765.29	394743.59	40.22	Soil	12,360	0.60
08/23/2021	18:19:09	78765.21	394743.64	40.23	Soil	11,520	0.01
08/23/2021	18:19:10	78765.07	394743.55	40.23	Soil	12,840	0.93
08/23/2021	18:19:11	78764.91	394743.67	40.23	Soil	10,500	-0.71
08/23/2021	18:19:12	78764.76	394743.51	40.23	Soil	10,440	-0.75
08/23/2021	18:19:13	78764.62	394743.56	40.23	Soil	11,880	0.26
08/23/2021	18:19:14	78764.47	394743.58	40.23	Soil	11,100	-0.29
08/23/2021	18:19:15	78764.37	394743.40	40.23	Soil	12,060	0.39
08/23/2021	18:19:16	78764.39	394743.40	40.24	Soil	11,160	-0.25
08/23/2021	18:19:17	78764.53	394743.58	40.24	Soil	10,920	-0.41
08/23/2021	18:19:18	78764.39	394743.70	40.23	Soil	10,680	-0.58
08/23/2021	18:19:19	78764.49	394743.70	40.24	Soil	13,980	1.73
08/23/2021	18:19:20	78764.54	394743.80	40.23	Soil	11,040	-0.33
08/23/2021	18:19:21	78764.66	394743.73	40.24	Soil	10,740	-0.54
08/23/2021	18:19:22	78764.75	394743.83	40.23	Soil	10,020	-1.05
08/23/2021	18:19:23	78764.82	394743.85	40.23	Soil	13,080	1.10
08/23/2021	18:19:24	78764.88	394743.78	40.23	Soil	11,400	-0.08
08/23/2021	18:19:25	78765.00	394743.90	40.23	Soil	10,440	-0.75
08/23/2021	18:19:26	78765.12	394743.74	40.22	Soil	10,620	-0.62

SU 7D GWS RESULTS
(SOIL)

08/23/2021	18:19:27	78765.19	394743.81	40.22	Soil	12,900	0.98
08/23/2021	18:19:28	78765.21	394743.83	40.21	Soil	11,220	-0.20
08/23/2021	18:19:29	78765.29	394743.73	40.20	Soil	10,320	-0.84
08/23/2021	18:19:30	78765.40	394743.87	40.20	Soil	10,440	-0.75
08/23/2021	18:19:31	78765.47	394743.70	40.19	Soil	11,460	-0.04
08/23/2021	18:19:32	78765.58	394743.76	40.18	Soil	10,500	-0.71
08/23/2021	18:19:33	78765.67	394743.78	40.19	Soil	11,580	0.05
08/23/2021	18:19:34	78765.75	394743.66	40.19	Soil	12,960	1.02
08/23/2021	18:19:35	78765.88	394743.80	40.18	Soil	11,520	0.01
08/23/2021	18:19:36	78765.98	394743.67	40.18	Soil	11,760	0.18
08/23/2021	18:19:37	78766.08	394743.74	40.18	Soil	10,740	-0.54
08/23/2021	18:19:38	78766.16	394743.69	40.18	Soil	10,560	-0.67
08/23/2021	18:19:39	78766.27	394743.71	40.18	Soil	11,820	0.22
08/23/2021	18:19:40	78766.32	394743.70	40.18	Soil	12,660	0.81
08/23/2021	18:19:41	78766.39	394743.58	40.17	Soil	11,700	0.13
08/23/2021	18:19:42	78766.50	394743.66	40.18	Soil	12,840	0.93
08/23/2021	18:19:43	78766.59	394743.50	40.18	Soil	13,620	1.48
08/23/2021	18:19:44	78766.74	394743.59	40.18	Soil	11,760	0.18
08/23/2021	18:19:45	78766.85	394743.50	40.19	Soil	12,600	0.76
08/23/2021	18:19:46	78766.99	394743.56	40.18	Soil	12,180	0.47
08/23/2021	18:19:47	78767.07	394743.48	40.18	Soil	13,200	1.19
08/23/2021	18:19:48	78767.13	394743.42	40.18	Soil	12,300	0.55
08/23/2021	18:19:49	78767.23	394743.46	40.17	Soil	12,660	0.81
08/23/2021	18:19:50	78767.35	394743.30	40.15	Soil	12,180	0.47
08/23/2021	18:19:51	78767.53	394743.38	40.12	Soil	12,060	0.39
08/23/2021	18:19:52	78767.70	394743.16	40.11	Soil	12,240	0.51
08/23/2021	18:19:53	78767.83	394743.26	40.09	Soil	11,100	-0.29
08/23/2021	18:19:54	78767.92	394743.14	40.08	Soil	13,200	1.19
08/23/2021	18:19:55	78768.04	394743.16	40.07	Soil	10,560	-0.67
08/23/2021	18:19:56	78768.18	394743.25	40.06	Soil	9,660	-1.30
08/23/2021	18:19:57	78768.32	394743.10	40.07	Soil	11,220	-0.20
08/23/2021	18:19:58	78768.49	394743.20	40.07	Soil	12,420	0.64
08/23/2021	18:19:59	78768.61	394743.19	40.09	Soil	11,580	0.05
08/23/2021	18:20:00	78768.77	394743.06	40.01	Soil	10,320	-0.84
08/23/2021	18:20:01	78768.89	394743.19	39.99	Soil	9,540	-1.38
08/23/2021	18:20:02	78768.99	394742.96	39.96	Soil	13,440	1.35
08/23/2021	18:20:03	78769.13	394742.92	39.94	Soil	10,680	-0.58
08/23/2021	18:20:04	78769.33	394742.95	39.93	Soil	13,080	1.10
08/23/2021	18:20:05	78769.43	394742.82	39.96	Soil	11,760	0.18
08/23/2021	18:20:06	78769.64	394742.89	39.97	Soil	10,800	-0.50
08/23/2021	18:20:07	78769.71	394742.86	40.00	Soil	10,260	-0.88
08/23/2021	18:20:08	78769.83	394742.80	39.99	Soil	11,520	0.01
08/23/2021	18:20:09	78769.98	394742.86	39.95	Soil	12,840	0.93
08/23/2021	18:20:55	78770.24	394742.75	39.92	Soil	9,540	-1.38
08/23/2021	18:20:56	78770.25	394742.77	39.91	Soil	10,920	-0.41
08/23/2021	18:20:57	78770.30	394742.76	39.89	Soil	11,100	-0.29
08/23/2021	18:20:58	78770.37	394742.57	39.88	Soil	10,740	-0.54
08/23/2021	18:20:59	78770.42	394742.61	39.87	Soil	11,280	-0.16
08/23/2021	18:21:00	78770.52	394742.60	39.86	Soil	12,360	0.60
08/23/2021	18:21:01	78770.55	394742.51	39.83	Soil	12,660	0.81
08/23/2021	18:21:02	78770.66	394742.63	39.82	Soil	12,420	0.64

SU 7D GWS RESULTS
(SOIL)

08/23/2021	18:21:03	78770.67	394742.52	39.80	Soil	11,820	0.22
08/23/2021	18:21:04	78770.74	394742.51	39.79	Soil	11,820	0.22
08/23/2021	18:21:05	78770.79	394742.47	39.77	Soil	10,380	-0.79
08/23/2021	18:21:06	78770.84	394742.44	39.75	Soil	11,280	-0.16
08/23/2021	18:21:07	78770.88	394742.50	39.76	Soil	12,780	0.89
08/23/2021	18:21:08	78770.95	394742.41	39.74	Soil	12,060	0.39
08/23/2021	18:21:09	78771.01	394742.52	39.74	Soil	10,440	-0.75
08/23/2021	18:21:10	78771.16	394742.40	39.69	Soil	13,140	1.14
08/23/2021	18:21:11	78771.18	394742.46	39.65	Soil	11,820	0.22
08/23/2021	18:21:12	78771.30	394742.35	39.55	Soil	12,540	0.72
08/23/2021	18:21:13	78771.37	394742.44	39.51	Soil	12,600	0.76
08/23/2021	18:21:14	78771.51	394742.41	39.40	Soil	12,000	0.34
08/23/2021	18:21:15	78771.61	394742.30	39.35	Soil	12,060	0.39
08/23/2021	18:21:16	78771.73	394742.51	39.33	Soil	12,000	0.34
08/23/2021	18:21:17	78771.77	394742.67	39.27	Soil	11,460	-0.04
08/23/2021	18:21:18	78771.81	394742.66	39.25	Soil	11,100	-0.29
08/23/2021	18:21:19	78772.00	394742.47	39.20	Soil	12,420	0.64
08/23/2021	18:21:20	78772.16	394742.34	39.17	Soil	11,940	0.30
08/23/2021	18:21:21	78772.18	394742.43	39.14	Soil	12,240	0.51
08/23/2021	18:21:22	78772.22	394742.51	39.13	Soil	12,720	0.85
08/23/2021	18:21:23	78772.31	394742.51	39.12	Soil	12,240	0.51
08/23/2021	18:21:24	78772.42	394742.32	39.05	Soil	12,600	0.76
08/23/2021	18:21:25	78772.43	394742.25	39.03	Soil	11,400	-0.08
08/23/2021	18:21:26	78772.47	394742.47	38.99	Soil	14,160	1.86
08/23/2021	18:21:27	78772.56	394742.42	38.95	Soil	11,520	0.01
08/23/2021	18:21:28	78772.71	394742.26	38.93	Soil	13,500	1.40
08/23/2021	18:21:29	78772.79	394742.27	38.90	Soil	11,160	-0.25
08/23/2021	18:21:30	78772.89	394742.44	38.89	Soil	12,300	0.55
08/23/2021	18:21:31	78773.06	394742.35	38.89	Soil	12,540	0.72
08/23/2021	18:21:32	78773.05	394742.46	38.89	Soil	12,780	0.89
08/23/2021	18:21:33	78773.01	394742.61	38.90	Soil	13,500	1.40
08/23/2021	18:21:34	78773.02	394742.60	38.89	Soil	13,440	1.35
08/23/2021	18:21:35	78772.98	394742.48	38.88	Soil	13,800	1.61
08/23/2021	18:21:36	78773.00	394742.50	38.92	Soil	12,720	0.85
08/23/2021	18:21:37	78773.00	394742.61	38.92	Soil	13,260	1.23
08/23/2021	18:21:38	78773.00	394742.79	38.91	Soil	12,840	0.93
08/23/2021	18:21:39	78773.06	394742.66	38.91	Soil	13,140	1.14
08/23/2021	18:21:40	78773.04	394742.67	38.92	Soil	13,080	1.10
08/23/2021	18:21:41	78773.00	394742.67	38.93	Soil	12,780	0.89
08/23/2021	18:21:42	78772.78	394742.75	38.98	Soil	13,080	1.10
08/23/2021	18:21:43	78772.62	394742.81	39.00	Soil	11,460	-0.04
08/23/2021	18:21:44	78772.38	394742.73	39.00	Soil	13,020	1.06
08/23/2021	18:21:45	78772.34	394742.82	39.03	Soil	13,020	1.06
08/23/2021	18:21:46	78772.23	394742.88	39.18	Soil	10,680	-0.58
08/23/2021	18:21:47	78772.12	394742.96	39.16	Soil	12,300	0.55
08/23/2021	18:21:48	78772.03	394742.74	39.15	Soil	11,880	0.26
08/23/2021	18:21:49	78772.07	394742.84	39.17	Soil	11,700	0.13
08/23/2021	18:21:50	78772.04	394742.95	39.19	Soil	12,420	0.64
08/23/2021	18:21:51	78771.93	394742.95	39.21	Soil	9,720	-1.26
08/23/2021	18:21:52	78771.83	394742.92	39.29	Soil	14,340	1.99
08/23/2021	18:21:53	78771.75	394743.11	39.34	Soil	11,940	0.30

SU 7D GWS RESULTS
(SOIL)

08/23/2021	18:21:54	78771.70	394742.86	39.45	Soil	11,520	0.01
08/23/2021	18:21:55	78771.50	394743.12	39.52	Soil	10,140	-0.96
08/23/2021	18:21:56	78771.34	394742.51	39.53	Soil	10,320	-0.84
08/23/2021	18:21:57	78771.33	394742.52	39.52	Soil	11,040	-0.33
08/23/2021	18:21:58	78771.41	394742.47	39.69	Soil	12,600	0.76
08/23/2021	18:21:59	78771.40	394742.44	39.72	Soil	11,820	0.22
08/23/2021	18:22:00	78771.05	394742.57	39.72	Soil	12,780	0.89
08/23/2021	18:22:01	78771.03	394742.25	39.71	Soil	11,040	-0.33
08/23/2021	18:22:02	78771.12	394742.27	39.75	Soil	14,400	2.03
08/23/2021	18:22:03	78771.19	394742.40	39.75	Soil	12,960	1.02
08/23/2021	18:22:04	78770.96	394742.43	39.50	Soil	11,220	-0.20
08/23/2021	18:22:05	78770.96	394742.75	39.56	Soil	10,080	-1.00
08/23/2021	18:22:06	78770.81	394742.88	39.57	Soil	12,180	0.47
08/23/2021	18:22:07	78771.00	394742.92	39.60	Soil	12,480	0.68
08/23/2021	18:22:08	78771.10	394743.02	39.56	Soil	12,480	0.68
08/23/2021	18:22:09	78771.15	394743.01	39.57	Soil	11,640	0.09
08/23/2021	18:22:10	78771.21	394743.00	39.58	Soil	11,760	0.18
08/23/2021	18:22:11	78771.20	394742.98	39.57	Soil	12,180	0.47
08/23/2021	18:22:12	78771.26	394742.97	39.57	Soil	11,340	-0.12
08/23/2021	18:22:13	78771.25	394742.91	39.57	Soil	10,920	-0.41
08/23/2021	18:22:14	78771.27	394742.87	39.57	Soil	10,920	-0.41
08/23/2021	18:22:15	78771.29	394742.87	39.58	Soil	14,760	2.28
08/23/2021	18:22:16	78771.29	394742.95	39.61	Soil	12,300	0.55
08/23/2021	18:22:17	78771.26	394742.93	39.79	Soil	11,400	-0.08
08/23/2021	18:22:18	78771.00	394742.84	39.74	Soil	13,680	1.52
08/23/2021	18:22:19	78770.84	394742.90	39.83	Soil	12,660	0.81
08/23/2021	18:22:20	78770.78	394742.93	39.81	Soil	11,700	0.13
08/23/2021	18:22:21	78770.71	394742.91	39.87	Soil	12,900	0.98
08/23/2021	18:22:22	78770.60	394743.02	39.89	Soil	12,960	1.02
08/23/2021	18:22:23	78770.54	394742.96	39.90	Soil	11,640	0.09
08/23/2021	18:22:24	78770.56	394743.15	39.91	Soil	12,780	0.89
08/23/2021	18:22:25	78770.54	394743.12	39.91	Soil	11,220	-0.20
08/23/2021	18:22:26	78770.54	394743.10	39.94	Soil	11,760	0.18
08/23/2021	18:22:27	78770.43	394743.06	39.94	Soil	10,980	-0.37
08/23/2021	18:22:28	78770.38	394743.00	39.93	Soil	10,920	-0.41
08/23/2021	18:22:29	78770.21	394743.39	39.92	Soil	11,640	0.09
08/23/2021	18:22:30	78770.01	394743.31	39.91	Soil	11,940	0.30
08/23/2021	18:22:31	78769.92	394743.26	39.90	Soil	11,640	0.09
08/23/2021	18:22:32	78769.84	394743.39	39.89	Soil	11,400	-0.08
08/23/2021	18:22:33	78769.72	394743.23	39.89	Soil	11,940	0.30
08/23/2021	18:22:34	78769.62	394743.37	39.90	Soil	11,820	0.22
08/23/2021	18:22:35	78769.49	394743.30	39.91	Soil	11,640	0.09
08/23/2021	18:22:36	78769.42	394743.20	39.90	Soil	10,920	-0.41
08/23/2021	18:22:37	78769.40	394743.44	39.90	Soil	11,340	-0.12
08/23/2021	18:22:38	78769.29	394743.43	39.96	Soil	11,280	-0.16
08/23/2021	18:22:39	78769.35	394743.41	40.01	Soil	11,280	-0.16
08/23/2021	18:22:40	78769.02	394743.34	40.02	Soil	11,460	-0.04
08/23/2021	18:22:41	78768.98	394743.44	40.01	Soil	11,580	0.05
08/23/2021	18:22:42	78768.87	394743.37	40.00	Soil	10,080	-1.00
08/23/2021	18:22:43	78768.77	394743.35	40.01	Soil	13,080	1.10
08/23/2021	18:22:44	78768.65	394743.47	40.01	Soil	13,080	1.10

SU 7D GWS RESULTS
(SOIL)

08/23/2021	18:22:45	78768.53	394743.32	40.01	Soil	12,600	0.76
08/23/2021	18:22:46	78768.45	394743.49	40.02	Soil	11,880	0.26
08/23/2021	18:22:47	78768.33	394743.44	40.04	Soil	12,540	0.72
08/23/2021	18:22:48	78768.21	394743.42	40.04	Soil	11,340	-0.12
08/23/2021	18:22:49	78768.11	394743.53	40.05	Soil	11,700	0.13
08/23/2021	18:22:50	78768.01	394743.40	40.07	Soil	12,480	0.68
08/23/2021	18:22:51	78767.93	394743.49	40.06	Soil	11,760	0.18
08/23/2021	18:22:52	78767.79	394743.42	40.07	Soil	12,480	0.68
08/23/2021	18:22:53	78767.71	394743.40	40.07	Soil	10,920	-0.41
08/23/2021	18:22:54	78767.61	394743.50	40.07	Soil	13,260	1.23
08/23/2021	18:22:55	78767.53	394743.37	40.07	Soil	9,960	-1.09
08/23/2021	18:22:56	78767.45	394743.52	40.06	Soil	10,380	-0.79
08/23/2021	18:22:57	78767.31	394743.45	40.07	Soil	11,280	-0.16
08/23/2021	18:22:58	78767.18	394743.48	40.07	Soil	10,500	-0.71
08/23/2021	18:22:59	78767.06	394743.51	40.05	Soil	13,020	1.06
08/23/2021	18:23:00	78766.93	394743.45	40.04	Soil	12,720	0.85
08/23/2021	18:23:01	78766.82	394743.61	40.03	Soil	10,500	-0.71
08/23/2021	18:23:02	78766.69	394743.50	40.05	Soil	11,520	0.01
08/23/2021	18:23:03	78766.53	394743.65	40.07	Soil	12,300	0.55
08/23/2021	18:23:04	78766.39	394743.54	40.09	Soil	10,500	-0.71
08/23/2021	18:23:05	78766.24	394743.66	40.11	Soil	10,500	-0.71
08/23/2021	18:23:06	78766.08	394743.62	40.14	Soil	11,400	-0.08
08/23/2021	18:23:07	78765.89	394743.67	40.15	Soil	12,900	0.98
08/23/2021	18:23:08	78765.72	394743.65	40.17	Soil	11,640	0.09
08/23/2021	18:23:09	78765.50	394743.67	40.20	Soil	12,120	0.43
08/23/2021	18:23:10	78765.29	394743.65	40.22	Soil	9,120	-1.68
08/23/2021	18:23:11	78765.10	394743.66	40.23	Soil	11,100	-0.29
08/23/2021	18:23:12	78764.93	394743.64	40.24	Soil	13,440	1.35
08/23/2021	18:23:13	78764.78	394743.61	40.25	Soil	10,140	-0.96
08/23/2021	18:23:14	78764.62	394743.57	40.25	Soil	10,500	-0.71
08/23/2021	18:23:15	78764.48	394743.42	40.26	Soil	11,640	0.09
08/23/2021	18:23:16	78764.36	394743.66	40.27	Soil	9,540	-1.38
08/23/2021	18:23:17	78764.09	394743.68	40.27	Soil	10,680	-0.58
08/23/2021	18:23:18	78764.15	394743.75	40.26	Soil	9,840	-1.17
08/23/2021	18:23:19	78764.04	394743.87	40.26	Soil	10,080	-1.00
08/23/2021	18:23:20	78764.11	394743.66	40.27	Soil	10,500	-0.71
08/23/2021	18:23:21	78764.16	394743.86	40.26	Soil	12,480	0.68
08/23/2021	18:23:22	78764.23	394743.87	40.26	Soil	9,960	-1.09
08/23/2021	18:23:23	78764.31	394743.87	40.27	Soil	11,520	0.01
08/23/2021	18:23:24	78764.35	394743.95	40.27	Soil	11,040	-0.33
08/23/2021	18:23:25	78764.43	394743.79	40.27	Soil	10,320	-0.84
08/23/2021	18:23:26	78764.45	394743.91	40.26	Soil	12,300	0.55
08/23/2021	18:23:27	78764.51	394743.87	40.26	Soil	11,460	-0.04
08/23/2021	18:23:28	78764.57	394743.86	40.26	Soil	11,400	-0.08
08/23/2021	18:23:29	78764.62	394743.92	40.25	Soil	11,640	0.09
08/23/2021	18:23:30	78764.70	394743.81	40.26	Soil	12,960	1.02
08/23/2021	18:23:31	78764.71	394743.94	40.25	Soil	10,920	-0.41
08/23/2021	18:23:32	78764.79	394743.84	40.25	Soil	11,460	-0.04
08/23/2021	18:23:33	78764.84	394743.94	40.25	Soil	11,160	-0.25
08/23/2021	18:23:34	78764.90	394743.95	40.25	Soil	9,360	-1.51
08/23/2021	18:23:35	78764.97	394743.86	40.25	Soil	11,760	0.18

SU 7D GWS RESULTS
(SOIL)

08/23/2021	18:23:36	78764.99	394744.14	40.23	Soil	11,340	-0.12
08/23/2021	18:23:37	78765.09	394744.03	40.24	Soil	11,460	-0.04
08/23/2021	18:23:38	78765.16	394744.15	40.24	Soil	11,760	0.18
08/23/2021	18:23:39	78765.32	394744.13	40.24	Soil	11,760	0.18
08/23/2021	18:23:40	78765.46	394744.08	40.22	Soil	9,120	-1.68
08/23/2021	18:23:41	78765.43	394744.22	40.23	Soil	12,480	0.68
08/23/2021	18:23:42	78765.53	394744.08	40.23	Soil	13,200	1.19
08/23/2021	18:23:43	78765.56	394744.27	40.23	Soil	13,140	1.14
08/23/2021	18:23:44	78765.69	394744.12	40.23	Soil	12,420	0.64
08/23/2021	18:23:45	78765.77	394744.13	40.22	Soil	10,500	-0.71
08/23/2021	18:23:46	78765.86	394744.18	40.22	Soil	11,040	-0.33
08/23/2021	18:23:47	78765.97	394744.07	40.22	Soil	11,160	-0.25
08/23/2021	18:23:48	78766.07	394744.21	40.21	Soil	11,100	-0.29
08/23/2021	18:23:49	78766.20	394744.06	40.21	Soil	11,340	-0.12
08/23/2021	18:23:50	78766.29	394744.20	40.19	Soil	9,600	-1.34
08/23/2021	18:23:51	78766.40	394743.99	40.19	Soil	12,120	0.43
08/23/2021	18:23:52	78766.49	394744.10	40.18	Soil	11,100	-0.29
08/23/2021	18:23:53	78766.62	394743.96	40.18	Soil	11,700	0.13
08/23/2021	18:23:54	78766.65	394744.03	40.17	Soil	10,200	-0.92
08/23/2021	18:23:55	78766.71	394744.11	40.17	Soil	11,880	0.26
08/23/2021	18:23:56	78766.82	394743.95	40.17	Soil	11,520	0.01
08/23/2021	18:23:57	78766.94	394744.04	40.16	Soil	12,840	0.93
08/23/2021	18:24:13	78767.10	394744.01	40.12	Soil	10,320	-0.84
08/23/2021	18:24:14	78767.07	394744.06	40.12	Soil	12,780	0.89
08/23/2021	18:24:15	78767.07	394744.06	40.11	Soil	12,360	0.60
08/23/2021	18:24:16	78767.15	394743.85	40.12	Soil	11,640	0.09
08/23/2021	18:24:17	78767.25	394743.97	40.11	Soil	9,540	-1.38
08/23/2021	18:24:18	78767.32	394743.86	40.10	Soil	10,140	-0.96
08/23/2021	18:24:19	78767.34	394743.75	40.10	Soil	12,660	0.81
08/23/2021	18:24:20	78767.42	394743.91	40.08	Soil	13,080	1.10
08/23/2021	18:24:21	78767.48	394743.73	40.08	Soil	10,680	-0.58
08/23/2021	18:24:22	78767.60	394743.81	40.08	Soil	10,800	-0.50
08/23/2021	18:24:23	78767.67	394743.70	40.07	Soil	12,360	0.60
08/23/2021	18:24:24	78767.73	394743.67	40.07	Soil	10,320	-0.84
08/23/2021	18:24:25	78767.82	394743.80	40.06	Soil	10,980	-0.37
08/23/2021	18:24:26	78767.93	394743.61	40.05	Soil	13,260	1.23
08/23/2021	18:24:27	78767.96	394743.75	40.04	Soil	11,460	-0.04
08/23/2021	18:24:28	78768.06	394743.68	40.04	Soil	11,160	-0.25
08/23/2021	18:24:29	78768.16	394743.69	40.01	Soil	10,920	-0.41
08/23/2021	18:24:30	78768.27	394743.83	40.00	Soil	11,220	-0.20
08/23/2021	18:24:31	78768.41	394743.69	39.99	Soil	12,180	0.47
08/23/2021	18:24:32	78768.48	394743.87	39.99	Soil	11,520	0.01
08/23/2021	18:24:33	78768.62	394743.73	39.99	Soil	12,960	1.02
08/23/2021	18:24:34	78768.67	394743.95	39.98	Soil	11,280	-0.16
08/23/2021	18:24:35	78768.77	394743.77	39.97	Soil	12,060	0.39
08/23/2021	18:24:36	78768.89	394743.65	39.94	Soil	11,880	0.26
08/23/2021	18:24:37	78768.94	394743.81	39.94	Soil	12,240	0.51
08/23/2021	18:24:38	78769.22	394743.62	39.87	Soil	13,380	1.31
08/23/2021	18:24:39	78769.30	394743.68	39.86	Soil	10,560	-0.67
08/23/2021	18:24:52	78769.47	394743.53	39.84	Soil	11,340	-0.12
08/23/2021	18:24:53	78769.48	394743.54	39.84	Soil	10,440	-0.75

SU 7D GWS RESULTS
(SOIL)

08/23/2021	18:24:54	78769.50	394743.57	39.84	Soil	12,060	0.39
08/23/2021	18:24:55	78769.50	394743.53	39.83	Soil	11,160	-0.25
08/23/2021	18:24:56	78769.57	394743.59	39.83	Soil	12,060	0.39
08/23/2021	18:24:57	78769.63	394743.67	39.82	Soil	13,980	1.73
08/23/2021	18:24:58	78769.73	394743.47	39.82	Soil	10,440	-0.75
08/23/2021	18:24:59	78769.94	394743.60	39.81	Soil	11,640	0.09
08/23/2021	18:25:00	78770.02	394743.45	39.82	Soil	10,440	-0.75
08/23/2021	18:25:01	78770.13	394743.62	39.80	Soil	11,700	0.13
08/23/2021	18:25:02	78770.27	394743.49	39.76	Soil	13,740	1.56
08/23/2021	18:25:03	78770.41	394743.42	39.75	Soil	10,620	-0.62
08/23/2021	18:25:04	78770.47	394743.54	39.70	Soil	13,200	1.19
08/23/2021	18:25:05	78770.61	394743.42	39.63	Soil	12,780	0.89
08/23/2021	18:25:06	78770.68	394743.34	39.63	Soil	11,820	0.22
08/23/2021	18:25:18	78770.86	394743.47	39.64	Soil	11,940	0.30
08/23/2021	18:25:19	78770.86	394743.47	39.61	Soil	11,880	0.26
08/23/2021	18:25:20	78770.89	394743.47	39.55	Soil	9,660	-1.30
08/23/2021	18:25:21	78771.08	394743.17	39.51	Soil	12,060	0.39
08/23/2021	18:25:22	78771.14	394743.21	39.51	Soil	12,780	0.89
08/23/2021	18:25:23	78771.19	394743.36	39.48	Soil	11,760	0.18
08/23/2021	18:25:24	78771.15	394743.40	39.47	Soil	12,840	0.93
08/23/2021	18:25:25	78771.13	394743.40	39.46	Soil	14,700	2.24
08/23/2021	18:25:26	78771.16	394743.42	39.46	Soil	10,980	-0.37
08/23/2021	18:25:27	78771.26	394743.29	39.38	Soil	11,460	-0.04
08/23/2021	18:25:28	78771.35	394743.08	39.30	Soil	11,700	0.13
08/23/2021	18:25:28	78771.51	394743.04	39.30	Soil	12,780	0.89
08/23/2021	18:25:30	78771.61	394743.27	39.27	Soil	12,420	0.64
08/23/2021	18:25:31	78771.79	394742.95	39.22	Soil	13,140	1.14
08/23/2021	18:25:32	78771.81	394742.94	39.19	Soil	10,980	-0.37
08/23/2021	18:25:33	78771.86	394743.06	39.18	Soil	11,940	0.30
08/23/2021	18:25:34	78771.98	394743.18	39.11	Soil	12,720	0.85
08/23/2021	18:25:35	78772.13	394742.92	39.11	Soil	11,940	0.30
08/23/2021	18:25:36	78772.24	394743.05	39.04	Soil	12,720	0.85
08/23/2021	18:25:36	78772.28	394742.85	39.05	Soil	12,360	0.60
08/23/2021	18:25:38	78772.35	394742.91	39.00	Soil	12,300	0.55
08/23/2021	18:25:39	78772.42	394742.80	38.99	Soil	12,240	0.51
08/23/2021	18:25:40	78772.48	394742.79	38.99	Soil	12,900	0.98
08/23/2021	18:25:40	78772.58	394742.77	38.96	Soil	11,400	-0.08
08/23/2021	18:25:42	78772.70	394742.64	38.95	Soil	12,960	1.02
08/23/2021	18:25:43	78772.89	394742.60	38.92	Soil	12,060	0.39
08/23/2021	18:25:44	78772.89	394742.40	38.88	Soil	11,940	0.30
08/23/2021	18:25:45	78773.11	394742.54	38.88	Soil	11,880	0.26
08/23/2021	18:26:33	78773.18	394742.64	39.04	Soil	11,880	0.26
08/23/2021	18:26:34	78773.14	394742.86	39.04	Soil	12,540	0.72
08/23/2021	18:26:35	78772.96	394742.81	39.05	Soil	13,500	1.40
08/23/2021	18:26:36	78772.87	394742.99	39.05	Soil	12,120	0.43
08/23/2021	18:26:36	78772.61	394742.89	39.13	Soil	10,620	-0.62
08/23/2021	18:26:38	78772.53	394743.20	39.16	Soil	13,560	1.44
08/23/2021	18:26:39	78772.31	394743.11	39.16	Soil	13,680	1.52
08/23/2021	18:26:40	78772.24	394743.37	39.25	Soil	11,820	0.22
08/23/2021	18:26:40	78772.13	394743.22	39.34	Soil	13,680	1.52
08/23/2021	18:26:42	78771.90	394743.48	39.41	Soil	11,220	-0.20

SU 7D GWS RESULTS
(SOIL)

08/23/2021	18:26:43	78771.67	394743.31	39.48	Soil	11,280	-0.16
08/23/2021	18:26:43	78771.47	394743.53	39.48	Soil	10,740	-0.54
08/23/2021	18:26:44	78771.22	394743.44	39.57	Soil	12,840	0.93
08/23/2021	18:26:48	78770.54	394743.55	39.80	Soil	11,220	-0.20
08/23/2021	18:26:49	78770.52	394743.55	39.80	Soil	11,460	-0.04
08/23/2021	18:26:50	78770.53	394743.53	39.84	Soil	11,640	0.09
08/23/2021	18:26:51	78770.54	394743.50	39.84	Soil	11,520	0.01
08/23/2021	18:26:52	78770.41	394743.76	39.87	Soil	10,140	-0.96
08/23/2021	18:26:53	78770.21	394743.59	39.87	Soil	10,740	-0.54
08/23/2021	18:26:54	78770.09	394743.77	39.86	Soil	12,660	0.81
08/23/2021	18:26:56	78769.95	394743.72	39.86	Soil	11,760	0.18
08/23/2021	18:26:56	78769.83	394743.69	39.86	Soil	14,220	1.90
08/23/2021	18:26:58	78769.69	394743.76	39.87	Soil	11,520	0.01
08/23/2021	18:26:58	78769.56	394743.62	39.88	Soil	12,300	0.55
08/23/2021	18:26:59	78769.52	394743.61	40.01	Soil	12,300	0.55
08/23/2021	18:27:01	78769.43	394743.74	40.04	Soil	12,300	0.55
08/23/2021	18:27:02	78769.27	394743.88	40.03	Soil	9,780	-1.21
08/23/2021	18:27:03	78769.16	394743.70	40.02	Soil	11,400	-0.08
08/23/2021	18:27:04	78769.08	394743.85	40.02	Soil	11,580	0.05
08/23/2021	18:27:04	78768.91	394743.73	40.04	Soil	11,100	-0.29
08/23/2021	18:27:06	78768.86	394743.95	40.05	Soil	11,760	0.18
08/23/2021	18:27:07	78768.72	394743.81	40.06	Soil	11,100	-0.29
08/23/2021	18:27:07	78768.63	394744.00	40.06	Soil	11,460	-0.04
08/23/2021	18:27:08	78768.44	394743.94	40.08	Soil	12,240	0.51
08/23/2021	18:27:10	78768.41	394743.99	40.07	Soil	11,580	0.05
08/23/2021	18:27:11	78768.30	394744.05	40.08	Soil	11,400	-0.08
08/23/2021	18:27:11	78768.17	394744.04	40.08	Soil	12,300	0.55
08/23/2021	18:27:12	78768.05	394744.15	40.08	Soil	11,160	-0.25
08/23/2021	18:27:14	78767.95	394744.03	40.09	Soil	11,760	0.18
08/23/2021	18:27:15	78767.94	394744.23	40.08	Soil	12,240	0.51
08/23/2021	18:27:15	78767.83	394744.10	40.08	Soil	10,560	-0.67
08/23/2021	18:27:17	78767.77	394744.21	40.08	Soil	11,580	0.05
08/23/2021	18:27:18	78767.66	394744.17	40.08	Soil	11,220	-0.20
08/23/2021	18:27:25	78767.51	394744.18	40.06	Soil	12,000	0.34
08/23/2021	18:27:25	78767.48	394744.15	40.06	Soil	13,020	1.06
08/23/2021	18:27:26	78767.44	394744.10	40.09	Soil	11,880	0.26
08/23/2021	18:27:28	78767.36	394744.26	40.11	Soil	11,160	-0.25
08/23/2021	18:27:28	78767.23	394744.18	40.11	Soil	12,060	0.39
08/23/2021	18:27:30	78767.12	394744.37	40.12	Soil	13,080	1.10
08/23/2021	18:27:31	78766.99	394744.17	40.12	Soil	10,260	-0.88
08/23/2021	18:27:32	78766.85	394744.34	40.13	Soil	11,580	0.05
08/23/2021	18:27:32	78766.73	394744.24	40.15	Soil	11,820	0.22
08/23/2021	18:27:34	78766.58	394744.26	40.16	Soil	11,940	0.30
08/23/2021	18:27:34	78766.42	394744.23	40.16	Soil	10,500	-0.71
08/23/2021	18:27:35	78766.31	394744.21	40.16	Soil	12,480	0.68
08/23/2021	18:27:36	78766.14	394744.31	40.17	Soil	10,740	-0.54
08/23/2021	18:27:38	78765.97	394744.18	40.16	Soil	12,480	0.68
08/23/2021	18:27:39	78765.85	394744.35	40.16	Soil	11,340	-0.12
08/23/2021	18:27:40	78765.74	394744.18	40.16	Soil	11,160	-0.25
08/23/2021	18:27:40	78765.60	394744.29	40.15	Soil	12,600	0.76
08/23/2021	18:27:41	78765.35	394744.18	40.16	Soil	10,740	-0.54

SU 7D GWS RESULTS
(SOIL)

08/23/2021	18:27:42	78765.17	394744.28	40.19	Soil	10,980	-0.37
08/23/2021	18:27:43	78765.04	394744.29	40.19	Soil	10,200	-0.92
08/23/2021	18:27:44	78764.87	394744.35	40.20	Soil	11,460	-0.04
08/23/2021	18:27:45	78764.77	394744.41	40.21	Soil	10,800	-0.50
08/23/2021	18:27:46	78764.59	394744.28	40.23	Soil	12,660	0.81
08/23/2021	18:27:47	78764.49	394744.40	40.23	Soil	12,000	0.34
08/23/2021	18:27:48	78764.24	394744.29	40.24	Soil	12,840	0.93
08/23/2021	18:27:49	78764.27	394744.33	40.25	Soil	10,920	-0.41
08/23/2021	18:27:50	78764.26	394744.61	40.25	Soil	10,140	-0.96
08/23/2021	18:27:51	78764.36	394744.55	40.25	Soil	11,700	0.13
08/23/2021	18:27:52	78764.33	394744.71	40.24	Soil	11,460	-0.04
08/23/2021	18:27:53	78764.44	394744.57	40.22	Soil	11,100	-0.29
08/23/2021	18:27:54	78764.51	394744.73	40.20	Soil	9,360	-1.51
08/23/2021	18:27:55	78764.67	394744.61	40.19	Soil	11,460	-0.04
08/23/2021	18:27:56	78764.73	394744.76	40.19	Soil	11,460	-0.04
08/23/2021	18:27:58	78764.90	394744.63	40.17	Soil	11,520	0.01
08/23/2021	18:27:58	78765.00	394744.72	40.17	Soil	10,620	-0.62
08/23/2021	18:27:59	78765.11	394744.71	40.16	Soil	11,460	-0.04
08/23/2021	18:28:00	78765.23	394744.67	40.14	Soil	11,220	-0.20
08/23/2021	18:28:02	78765.37	394744.77	40.14	Soil	11,760	0.18
08/23/2021	18:28:02	78765.51	394744.62	40.14	Soil	10,800	-0.50
08/23/2021	18:28:03	78765.52	394744.84	40.15	Soil	11,460	-0.04
08/23/2021	18:28:04	78765.64	394744.71	40.14	Soil	10,920	-0.41
08/23/2021	18:28:05	78765.71	394744.64	40.14	Soil	10,740	-0.54
08/23/2021	18:28:06	78765.68	394744.65	40.14	Soil	12,240	0.51
08/23/2021	18:28:07	78765.69	394744.63	40.15	Soil	12,960	1.02
08/23/2021	18:28:08	78765.68	394744.65	40.14	Soil	12,240	0.51
08/23/2021	18:28:09	78765.68	394744.63	40.14	Soil	13,800	1.61
08/23/2021	18:28:10	78765.66	394744.64	40.14	Soil	13,920	1.69
08/23/2021	18:28:11	78765.67	394744.62	40.14	Soil	11,880	0.26
08/23/2021	18:28:12	78765.59	394744.74	40.15	Soil	10,140	-0.96
08/23/2021	18:28:13	78765.50	394744.74	40.14	Soil	10,980	-0.37
08/23/2021	18:28:14	78765.45	394744.66	40.13	Soil	9,480	-1.42
08/23/2021	18:28:16	78765.45	394744.68	40.12	Soil	12,060	0.39
08/23/2021	18:28:17	78765.47	394744.71	40.12	Soil	14,520	2.11
08/23/2021	18:28:17	78765.51	394744.75	40.12	Soil	11,280	-0.16
08/23/2021	18:28:18	78765.53	394744.76	40.10	Soil	10,560	-0.67
08/23/2021	18:28:20	78765.48	394744.75	40.10	Soil	12,360	0.60
08/23/2021	18:28:20	78765.47	394744.74	40.10	Soil	10,620	-0.62
08/23/2021	18:28:21	78765.49	394744.77	40.11	Soil	11,820	0.22
08/23/2021	18:28:22	78765.54	394744.77	40.11	Soil	8,940	-1.80
08/23/2021	18:28:23	78765.63	394744.63	40.10	Soil	10,620	-0.62
08/23/2021	18:28:24	78765.74	394744.82	40.11	Soil	9,900	-1.13
08/23/2021	18:28:25	78765.82	394744.58	40.11	Soil	10,260	-0.88
08/23/2021	18:28:26	78765.79	394744.75	40.13	Soil	13,500	1.40
08/23/2021	18:28:27	78765.74	394744.46	40.13	Soil	11,160	-0.25
08/23/2021	18:28:28	78765.70	394744.47	40.14	Soil	12,900	0.98
08/23/2021	18:28:29	78765.73	394744.47	40.14	Soil	11,400	-0.08
08/23/2021	18:28:30	78765.73	394744.53	40.14	Soil	12,060	0.39
08/23/2021	18:28:31	78765.69	394744.54	40.14	Soil	10,800	-0.50
08/23/2021	18:28:32	78765.66	394744.22	40.14	Soil	10,680	-0.58

SU 7D GWS RESULTS
(SOIL)

08/23/2021	18:28:34	78765.64	394744.24	40.13	Soil	12,300	0.55
08/23/2021	18:28:34	78765.64	394744.23	40.13	Soil	10,980	-0.37
08/23/2021	18:28:35	78765.49	394744.48	40.14	Soil	12,360	0.60
08/23/2021	18:28:36	78765.46	394744.44	40.14	Soil	11,040	-0.33
08/23/2021	18:28:37	78765.45	394744.21	40.14	Soil	9,840	-1.17
08/23/2021	18:28:38	78765.40	394744.42	40.14	Soil	11,760	0.18
08/23/2021	18:28:39	78765.34	394744.50	40.13	Soil	12,600	0.76
08/23/2021	18:28:40	78765.25	394744.24	40.14	Soil	11,400	-0.08
08/23/2021	18:28:41	78765.19	394744.32	40.15	Soil	12,420	0.64
08/23/2021	18:28:42	78765.12	394744.48	40.16	Soil	11,820	0.22
08/23/2021	18:28:43	78765.09	394744.29	40.15	Soil	10,200	-0.92
08/23/2021	18:28:44	78765.18	394744.62	40.14	Soil	11,820	0.22
08/23/2021	18:28:45	78765.32	394744.48	40.15	Soil	11,880	0.26
08/23/2021	18:28:46	78765.42	394744.79	40.16	Soil	11,940	0.30
08/23/2021	18:28:47	78765.64	394744.61	40.16	Soil	10,380	-0.79
08/23/2021	18:28:48	78765.73	394744.85	40.16	Soil	10,920	-0.41
08/23/2021	18:28:49	78765.82	394744.76	40.16	Soil	9,720	-1.26
08/23/2021	18:28:50	78765.91	394744.76	40.16	Soil	11,520	0.01
08/23/2021	18:28:51	78765.96	394744.86	40.16	Soil	11,340	-0.12
08/23/2021	18:28:52	78766.16	394744.67	40.16	Soil	13,320	1.27
08/23/2021	18:28:53	78766.22	394744.87	40.16	Soil	11,700	0.13
08/23/2021	18:28:54	78766.37	394744.69	40.17	Soil	10,860	-0.46
08/23/2021	18:28:55	78766.40	394744.73	40.17	Soil	12,240	0.51
08/23/2021	18:28:56	78766.40	394744.71	40.16	Soil	10,380	-0.79
08/23/2021	18:28:57	78766.48	394744.74	40.16	Soil	10,020	-1.05
08/23/2021	18:28:58	78766.55	394744.77	40.15	Soil	11,400	-0.08
08/23/2021	18:28:59	78766.65	394744.65	40.16	Soil	13,380	1.31
08/23/2021	18:29:00	78766.70	394744.78	40.15	Soil	13,140	1.14
08/23/2021	18:29:01	78766.77	394744.56	40.15	Soil	12,540	0.72
08/23/2021	18:29:02	78766.88	394744.67	40.15	Soil	10,800	-0.50
08/23/2021	18:29:03	78767.01	394744.54	40.14	Soil	9,420	-1.47
08/23/2021	18:29:04	78767.10	394744.67	40.14	Soil	11,160	-0.25
08/23/2021	18:29:06	78767.23	394744.52	40.13	Soil	11,880	0.26
08/23/2021	18:29:06	78767.26	394744.71	40.12	Soil	11,040	-0.33
08/23/2021	18:29:07	78767.42	394744.60	40.12	Soil	11,280	-0.16
08/23/2021	18:29:08	78767.50	394744.79	40.12	Soil	10,980	-0.37
08/23/2021	18:29:09	78767.63	394744.62	40.11	Soil	11,220	-0.20
08/23/2021	18:29:10	78767.68	394744.78	40.11	Soil	11,520	0.01
08/23/2021	18:29:11	78767.81	394744.68	40.08	Soil	11,580	0.05
08/23/2021	18:29:12	78767.97	394744.78	40.09	Soil	12,840	0.93
08/23/2021	18:29:13	78768.01	394744.72	40.09	Soil	10,380	-0.79
08/23/2021	18:29:14	78768.05	394744.66	40.09	Soil	13,500	1.40
08/23/2021	18:29:15	78768.04	394744.70	40.09	Soil	12,180	0.47
08/23/2021	18:29:16	78768.02	394744.61	40.09	Soil	11,580	0.05
08/23/2021	18:29:17	78767.84	394744.67	40.10	Soil	10,920	-0.41
08/23/2021	18:29:18	78767.86	394744.48	40.10	Soil	10,500	-0.71
08/23/2021	18:29:19	78767.89	394744.41	40.10	Soil	10,800	-0.50
08/23/2021	18:29:20	78767.87	394744.45	40.10	Soil	12,120	0.43
08/23/2021	18:29:21	78767.70	394744.54	40.11	Soil	11,340	-0.12
08/23/2021	18:29:22	78767.68	394744.39	40.11	Soil	11,040	-0.33
08/23/2021	18:29:23	78767.64	394744.46	40.11	Soil	13,380	1.31

SU 7D GWS RESULTS
(SOIL)

08/23/2021	18:29:24	78767.56	394744.54	40.11	Soil	12,360	0.60
08/23/2021	18:29:25	78767.42	394744.39	40.12	Soil	11,460	-0.04
08/23/2021	18:29:26	78767.36	394744.60	40.13	Soil	11,220	-0.20
08/23/2021	18:29:27	78767.29	394744.38	40.13	Soil	11,520	0.01
08/23/2021	18:29:28	78767.18	394744.67	40.16	Soil	11,940	0.30
08/23/2021	18:29:29	78767.09	394744.48	40.16	Soil	11,340	-0.12
08/23/2021	18:29:30	78766.98	394744.63	40.17	Soil	13,320	1.27
08/23/2021	18:29:31	78766.89	394744.60	40.17	Soil	11,940	0.30
08/23/2021	18:29:32	78766.80	394744.59	40.18	Soil	10,860	-0.46
08/23/2021	18:29:33	78766.71	394744.67	40.18	Soil	11,220	-0.20
08/23/2021	18:29:34	78766.61	394744.62	40.17	Soil	10,440	-0.75
08/23/2021	18:29:35	78766.55	394744.64	40.16	Soil	11,100	-0.29
08/23/2021	18:29:36	78766.48	394744.72	40.17	Soil	12,240	0.51
08/23/2021	18:29:38	78766.44	394744.64	40.17	Soil	10,860	-0.46
08/23/2021	18:29:38	78766.38	394744.71	40.17	Soil	12,360	0.60
08/23/2021	18:29:39	78766.30	394744.61	40.17	Soil	13,680	1.52
08/23/2021	18:29:40	78766.23	394744.75	40.17	Soil	10,200	-0.92
08/23/2021	18:29:41	78766.14	394744.51	40.18	Soil	12,420	0.64
08/23/2021	18:29:42	78766.08	394744.62	40.16	Soil	10,800	-0.50
08/23/2021	18:29:43	78766.13	394744.52	40.16	Soil	10,200	-0.92
08/23/2021	18:29:44	78766.28	394744.77	40.17	Soil	11,760	0.18
08/23/2021	18:29:45	78766.48	394744.59	40.17	Soil	11,040	-0.33
08/23/2021	18:29:46	78766.71	394744.74	40.16	Soil	12,240	0.51
08/23/2021	18:29:47	78766.88	394744.51	40.15	Soil	12,000	0.34
08/23/2021	18:29:48	78767.12	394744.60	40.13	Soil	11,280	-0.16
08/23/2021	18:29:49	78767.29	394744.35	40.11	Soil	10,380	-0.79
08/23/2021	18:29:50	78767.56	394744.38	40.09	Soil	12,120	0.43
08/23/2021	18:29:51	78767.74	394744.23	40.09	Soil	12,360	0.60
08/23/2021	18:29:52	78767.95	394744.33	40.08	Soil	10,860	-0.46
08/23/2021	18:29:53	78768.09	394744.13	40.07	Soil	13,260	1.23
08/23/2021	18:29:54	78768.27	394744.29	40.06	Soil	11,700	0.13
08/23/2021	18:29:55	78768.37	394744.12	40.03	Soil	11,160	-0.25
08/23/2021	18:29:56	78768.50	394744.32	40.05	Soil	13,620	1.48
08/23/2021	18:29:57	78768.63	394744.22	40.05	Soil	11,340	-0.12
08/23/2021	18:29:58	78768.70	394744.10	40.04	Soil	12,780	0.89
08/23/2021	18:29:59	78768.86	394744.24	40.04	Soil	12,540	0.72
08/23/2021	18:30:00	78768.95	394744.05	39.99	Soil	12,840	0.93
08/23/2021	18:30:01	78769.03	394744.20	40.00	Soil	13,320	1.27
08/23/2021	18:30:10	78769.28	394743.94	40.05	Soil	12,960	1.02
08/23/2021	18:30:11	78769.29	394743.96	40.05	Soil	12,660	0.81
08/23/2021	18:30:12	78769.27	394743.94	40.05	Soil	12,480	0.68
08/23/2021	18:30:13	78769.30	394743.91	40.05	Soil	12,420	0.64
08/23/2021	18:30:14	78769.39	394744.10	40.00	Soil	13,860	1.65
08/23/2021	18:30:15	78769.46	394743.88	39.96	Soil	11,580	0.05
08/23/2021	18:30:16	78769.55	394743.97	39.95	Soil	11,520	0.01
08/23/2021	18:30:17	78769.65	394743.81	39.93	Soil	11,700	0.13
08/23/2021	18:30:18	78769.66	394743.88	39.94	Soil	11,400	-0.08
08/23/2021	18:30:19	78769.72	394743.74	39.93	Soil	11,340	-0.12
08/23/2021	18:30:20	78769.74	394743.86	39.92	Soil	12,240	0.51
08/23/2021	18:30:21	78769.86	394743.77	39.90	Soil	11,520	0.01
08/23/2021	18:30:22	78769.94	394743.86	39.91	Soil	13,560	1.44

SU 7D GWS RESULTS
(SOIL)

08/23/2021	18:30:23	78770.07	394743.79	39.91	Soil	11,940	0.30
08/23/2021	18:30:24	78770.21	394743.91	39.90	Soil	12,240	0.51
08/23/2021	18:30:25	78770.37	394743.71	39.87	Soil	13,200	1.19
08/23/2021	18:30:26	78770.51	394743.82	39.80	Soil	12,720	0.85
08/23/2021	18:30:27	78770.65	394743.76	39.72	Soil	12,900	0.98
08/23/2021	18:30:28	78770.78	394743.88	39.69	Soil	12,780	0.89
08/23/2021	18:30:29	78770.97	394743.82	39.63	Soil	12,180	0.47
08/23/2021	18:30:30	78771.05	394743.87	39.60	Soil	11,580	0.05
08/23/2021	18:30:31	78771.15	394743.91	39.53	Soil	12,480	0.68
08/23/2021	18:30:32	78771.25	394743.80	39.49	Soil	12,240	0.51
08/23/2021	18:30:33	78771.37	394743.88	39.42	Soil	14,760	2.28
08/23/2021	18:30:34	78771.54	394743.78	39.39	Soil	13,140	1.14
08/23/2021	18:30:35	78771.64	394743.89	39.36	Soil	12,780	0.89
08/23/2021	18:30:36	78771.75	394743.68	39.33	Soil	13,560	1.44
08/23/2021	18:30:37	78771.94	394743.68	39.27	Soil	11,700	0.13
08/23/2021	18:30:38	78772.03	394743.46	39.23	Soil	13,200	1.19
08/23/2021	18:30:39	78772.12	394743.41	39.18	Soil	12,660	0.81
08/23/2021	18:30:40	78772.18	394743.30	39.13	Soil	11,820	0.22
08/23/2021	18:30:42	78772.32	394743.26	39.09	Soil	11,760	0.18
08/23/2021	18:30:42	78772.37	394743.17	39.07	Soil	10,740	-0.54
08/23/2021	18:30:43	78772.50	394743.10	39.03	Soil	13,680	1.52
08/23/2021	18:30:44	78772.63	394743.03	39.01	Soil	12,420	0.64
08/23/2021	18:30:45	78772.76	394743.06	38.99	Soil	12,840	0.93
08/23/2021	18:30:46	78772.85	394742.89	38.97	Soil	11,160	-0.25
08/23/2021	18:30:47	78773.01	394742.85	38.94	Soil	13,680	1.52
08/23/2021	18:30:48	78773.10	394742.57	38.93	Soil	12,420	0.64
08/23/2021	18:30:49	78773.23	394742.72	38.87	Soil	12,000	0.34
08/23/2021	18:30:53	78773.24	394742.75	38.98	Soil	12,060	0.39
08/23/2021	18:30:54	78773.15	394742.78	39.02	Soil	12,060	0.39
08/23/2021	18:30:55	78773.13	394742.92	39.02	Soil	10,020	-1.05
08/23/2021	18:30:56	78772.95	394742.91	39.02	Soil	11,880	0.26
08/23/2021	18:30:57	78772.88	394743.08	39.04	Soil	13,080	1.10
08/23/2021	18:30:58	78772.67	394743.08	39.06	Soil	11,160	-0.25
08/23/2021	18:30:59	78772.63	394743.23	39.12	Soil	13,980	1.73
08/23/2021	18:31:00	78772.43	394743.27	39.17	Soil	12,660	0.81
08/23/2021	18:31:01	78772.35	394743.46	39.18	Soil	13,680	1.52
08/23/2021	18:31:02	78772.17	394743.42	39.21	Soil	12,960	1.02
08/23/2021	18:31:03	78772.15	394743.62	39.25	Soil	13,020	1.06
08/23/2021	18:31:04	78771.97	394743.63	39.28	Soil	12,240	0.51
08/23/2021	18:31:05	78771.97	394743.88	39.31	Soil	11,820	0.22
08/23/2021	18:31:06	78771.83	394743.82	39.31	Soil	11,820	0.22
08/23/2021	18:31:36	78771.80	394743.90	39.22	Soil	12,060	0.39
08/23/2021	18:31:37	78771.80	394743.90	39.23	Soil	10,920	-0.41
08/23/2021	18:31:38	78771.81	394743.90	39.25	Soil	11,880	0.26
08/23/2021	18:31:39	78771.83	394744.05	39.27	Soil	13,680	1.52
08/23/2021	18:31:40	78771.70	394743.98	39.30	Soil	11,700	0.13
08/23/2021	18:31:41	78771.64	394744.15	39.33	Soil	11,460	-0.04
08/23/2021	18:31:42	78771.50	394744.10	39.39	Soil	11,880	0.26
08/23/2021	18:31:43	78771.42	394744.25	39.39	Soil	11,640	0.09
08/23/2021	18:31:44	78771.37	394744.27	39.45	Soil	13,080	1.10
08/23/2021	18:31:45	78771.17	394744.08	39.54	Soil	10,200	-0.92

SU 7D GWS RESULTS
(SOIL)

08/23/2021	18:31:46	78771.07	394744.27	39.60	Soil	12,060	0.39
08/23/2021	18:31:47	78770.84	394744.12	39.66	Soil	13,260	1.23
08/23/2021	18:31:48	78770.64	394744.20	39.73	Soil	12,900	0.98
08/23/2021	18:31:49	78770.47	394744.23	39.81	Soil	12,240	0.51
08/23/2021	18:31:50	78770.29	394744.21	39.81	Soil	13,500	1.40
08/23/2021	18:31:51	78770.16	394744.21	39.84	Soil	12,420	0.64
08/23/2021	18:31:52	78769.96	394744.19	39.86	Soil	12,120	0.43
08/23/2021	18:31:53	78769.72	394744.21	39.95	Soil	12,180	0.47
08/23/2021	18:31:54	78769.43	394744.20	39.97	Soil	12,360	0.60
08/23/2021	18:31:55	78769.29	394744.20	39.96	Soil	10,560	-0.67
08/23/2021	18:31:56	78769.06	394744.22	39.97	Soil	12,000	0.34
08/23/2021	18:31:57	78768.85	394744.29	40.06	Soil	11,760	0.18
08/23/2021	18:31:58	78768.67	394744.11	40.05	Soil	9,900	-1.13
08/23/2021	18:31:59	78768.49	394744.27	40.07	Soil	10,740	-0.54
08/23/2021	18:32:25	78767.83	394744.03	40.11	Soil	12,000	0.34
08/23/2021	18:32:26	78767.81	394743.97	40.11	Soil	11,520	0.01
08/23/2021	18:32:27	78767.75	394743.93	40.12	Soil	11,280	-0.16
08/23/2021	18:32:28	78767.60	394744.09	40.15	Soil	12,060	0.39
08/23/2021	18:32:29	78767.36	394743.99	40.16	Soil	11,880	0.26
08/23/2021	18:32:30	78767.20	394744.16	40.16	Soil	11,460	-0.04
08/23/2021	18:32:31	78766.94	394744.06	40.18	Soil	11,520	0.01
08/23/2021	18:32:32	78766.73	394744.22	40.16	Soil	9,540	-1.38
08/23/2021	18:33:05	78766.18	394744.20	40.04	Soil	11,400	-0.08
08/23/2021	18:33:06	78766.14	394744.27	40.07	Soil	12,360	0.60
08/23/2021	18:33:07	78765.98	394744.14	40.11	Soil	11,640	0.09
08/23/2021	18:33:08	78765.73	394744.24	40.12	Soil	11,760	0.18
08/23/2021	18:33:09	78765.44	394744.04	40.15	Soil	10,500	-0.71
08/23/2021	18:33:10	78765.16	394744.15	40.18	Soil	11,880	0.26
08/23/2021	18:33:11	78764.90	394744.06	40.19	Soil	11,760	0.18
08/23/2021	18:33:12	78764.64	394744.11	40.19	Soil	11,400	-0.08
08/23/2021	18:33:13	78764.35	394744.06	40.22	Soil	10,860	-0.46
08/23/2021	18:33:14	78764.06	394744.03	40.23	Soil	11,400	-0.08
08/23/2021	18:33:15	78764.04	394744.30	40.27	Soil	10,320	-0.84
08/23/2021	18:33:16	78764.01	394744.62	40.27	Soil	11,820	0.22
08/23/2021	18:33:17	78763.98	394744.99	40.28	Soil	11,880	0.26
08/23/2021	18:33:18	78764.04	394745.20	40.31	Soil	10,920	-0.41
08/23/2021	18:33:19	78764.12	394745.21	40.29	Soil	10,500	-0.71
08/23/2021	18:33:20	78764.17	394745.23	40.29	Soil	10,620	-0.62
08/23/2021	18:33:21	78764.28	394745.30	40.29	Soil	11,220	-0.20
08/23/2021	18:33:22	78764.41	394745.10	40.28	Soil	11,940	0.30
08/23/2021	18:33:23	78764.51	394745.17	40.30	Soil	12,120	0.43
08/23/2021	18:33:24	78764.59	394744.97	40.30	Soil	11,520	0.01
08/23/2021	18:33:25	78764.66	394745.05	40.30	Soil	12,120	0.43
08/23/2021	18:33:26	78764.75	394744.78	40.30	Soil	13,020	1.06
08/23/2021	18:33:27	78764.78	394744.76	40.28	Soil	12,720	0.85
08/23/2021	18:33:28	78764.83	394744.83	40.28	Soil	11,400	-0.08
08/23/2021	18:33:29	78764.91	394744.89	40.28	Soil	11,160	-0.25
08/23/2021	18:33:30	78765.06	394744.83	40.28	Soil	11,940	0.30
08/23/2021	18:33:31	78765.15	394745.01	40.28	Soil	12,720	0.85
08/23/2021	18:33:32	78765.33	394744.92	40.27	Soil	12,480	0.68
08/23/2021	18:33:33	78765.38	394745.08	40.26	Soil	11,640	0.09

SU 7D GWS RESULTS
(SOIL)

08/23/2021	18:33:34	78765.57	394745.05	40.23	Soil	10,800	-0.50
08/23/2021	18:33:35	78765.71	394745.22	40.25	Soil	10,920	-0.41
08/23/2021	18:33:36	78765.86	394745.06	40.25	Soil	12,960	1.02
08/23/2021	18:33:37	78765.96	394745.18	40.25	Soil	11,880	0.26
08/23/2021	18:33:38	78766.11	394745.03	40.25	Soil	12,420	0.64
08/23/2021	18:33:39	78766.29	394745.15	40.27	Soil	12,900	0.98
08/23/2021	18:33:40	78766.41	394745.00	40.28	Soil	11,700	0.13
08/23/2021	18:33:41	78766.58	394745.07	40.28	Soil	10,800	-0.50
08/23/2021	18:33:42	78766.72	394744.94	40.28	Soil	11,400	-0.08
08/23/2021	18:33:43	78766.82	394745.07	40.28	Soil	12,480	0.68
08/23/2021	18:33:44	78766.96	394744.95	40.28	Soil	11,460	-0.04
08/23/2021	18:33:45	78767.05	394745.07	40.27	Soil	11,460	-0.04
08/23/2021	18:33:46	78767.19	394745.00	40.27	Soil	10,980	-0.37
08/23/2021	18:33:47	78767.29	394745.05	40.26	Soil	10,260	-0.88
08/23/2021	18:33:55	78767.59	394744.93	40.24	Soil	11,700	0.13
08/23/2021	18:34:07	78767.64	394745.06	40.23	Soil	11,880	0.26
08/23/2021	18:34:08	78767.68	394745.11	40.23	Soil	12,120	0.43
08/23/2021	18:34:09	78767.70	394745.10	40.21	Soil	12,300	0.55
08/23/2021	18:34:10	78767.78	394744.98	40.19	Soil	12,060	0.39
08/23/2021	18:34:11	78767.92	394745.05	40.18	Soil	13,320	1.27
08/23/2021	18:34:12	78768.10	394744.82	40.15	Soil	11,640	0.09
08/23/2021	18:34:13	78768.28	394744.90	40.13	Soil	10,560	-0.67
08/23/2021	18:34:14	78768.41	394744.63	40.11	Soil	10,140	-0.96
08/23/2021	18:34:15	78768.55	394744.66	40.12	Soil	13,500	1.40
08/23/2021	18:34:16	78768.61	394744.45	40.12	Soil	10,860	-0.46
08/23/2021	18:34:17	78768.57	394744.42	40.11	Soil	10,800	-0.50
08/23/2021	18:34:18	78768.53	394744.51	40.12	Soil	12,660	0.81
08/23/2021	18:34:19	78768.46	394744.40	40.10	Soil	10,020	-1.05
08/23/2021	18:34:20	78768.49	394744.45	40.12	Soil	10,740	-0.54
08/23/2021	18:34:21	78768.38	394744.42	40.13	Soil	9,480	-1.42
08/23/2021	18:34:22	78768.38	394744.55	40.10	Soil	11,400	-0.08
08/23/2021	18:34:23	78768.44	394744.46	40.06	Soil	12,300	0.55
08/23/2021	18:34:24	78768.59	394744.52	40.07	Soil	11,520	0.01
08/23/2021	18:34:25	78768.75	394744.39	40.06	Soil	11,400	-0.08
08/23/2021	18:34:26	78768.94	394744.53	40.06	Soil	10,740	-0.54
08/23/2021	18:34:27	78769.07	394744.37	40.09	Soil	13,140	1.14
08/23/2021	18:34:28	78769.32	394744.49	40.06	Soil	11,520	0.01
08/23/2021	18:34:29	78769.46	394744.36	39.98	Soil	12,180	0.47
08/23/2021	18:34:30	78769.62	394744.48	39.97	Soil	12,480	0.68
08/23/2021	18:34:31	78769.76	394744.42	39.89	Soil	11,460	-0.04
08/23/2021	18:34:32	78769.88	394744.43	39.88	Soil	9,480	-1.42
08/23/2021	18:34:33	78770.04	394744.36	39.86	Soil	10,560	-0.67
08/23/2021	18:34:34	78770.22	394744.38	39.87	Soil	11,040	-0.33
08/23/2021	18:34:35	78770.39	394744.38	39.84	Soil	12,300	0.55
08/23/2021	18:34:36	78770.49	394744.29	39.79	Soil	12,840	0.93
08/23/2021	18:34:37	78770.63	394744.41	39.79	Soil	12,720	0.85
08/23/2021	18:34:38	78770.73	394744.29	39.71	Soil	13,860	1.65
08/23/2021	18:34:39	78770.81	394744.26	39.67	Soil	13,080	1.10
08/23/2021	18:34:40	78770.91	394744.22	39.58	Soil	12,780	0.89
08/23/2021	18:34:41	78771.03	394744.21	39.53	Soil	11,160	-0.25
08/23/2021	18:34:42	78771.18	394744.15	39.48	Soil	12,600	0.76

SU 7D GWS RESULTS
(SOIL)

08/23/2021	18:34:43	78771.35	394744.15	39.45	Soil	11,220	-0.20
08/23/2021	18:34:44	78771.50	394744.10	39.43	Soil	14,400	2.03
08/23/2021	18:34:45	78771.59	394743.97	39.41	Soil	12,000	0.34
08/23/2021	18:34:46	78771.80	394744.07	39.39	Soil	11,640	0.09
08/23/2021	18:34:47	78771.83	394743.91	39.36	Soil	10,980	-0.37
08/23/2021	18:34:48	78771.98	394743.86	39.35	Soil	11,940	0.30
08/23/2021	18:34:49	78772.04	394743.67	39.32	Soil	12,420	0.64
08/23/2021	18:34:50	78772.21	394743.69	39.28	Soil	11,580	0.05
08/23/2021	18:34:51	78772.29	394743.49	39.26	Soil	12,540	0.72
08/23/2021	18:34:52	78772.47	394743.49	39.20	Soil	11,580	0.05
08/23/2021	18:34:53	78772.50	394743.31	39.18	Soil	12,300	0.55
08/23/2021	18:34:54	78772.70	394743.29	39.13	Soil	11,460	-0.04
08/23/2021	18:34:55	78772.76	394743.07	39.13	Soil	12,420	0.64
08/23/2021	18:34:56	78773.01	394743.05	39.12	Soil	11,400	-0.08
08/23/2021	18:34:57	78773.05	394742.79	39.08	Soil	13,200	1.19
08/23/2021	18:34:58	78773.19	394742.84	39.01	Soil	11,400	-0.08
08/23/2021	18:35:04	78773.24	394743.01	39.18	Soil	12,000	0.34
08/23/2021	18:35:05	78773.20	394743.21	39.16	Soil	10,380	-0.79
08/23/2021	18:35:06	78772.98	394743.25	39.22	Soil	12,660	0.81
08/23/2021	18:35:07	78772.86	394743.39	39.23	Soil	11,940	0.30
08/23/2021	18:35:08	78772.66	394743.38	39.27	Soil	11,760	0.18
08/23/2021	18:35:09	78772.66	394743.55	39.27	Soil	13,080	1.10
08/23/2021	18:35:10	78772.46	394743.50	39.30	Soil	10,260	-0.88
08/23/2021	18:35:11	78772.38	394743.65	39.30	Soil	10,560	-0.67
08/23/2021	18:35:12	78772.21	394743.63	39.32	Soil	12,060	0.39
08/23/2021	18:35:13	78772.21	394743.83	39.36	Soil	13,140	1.14
08/23/2021	18:35:14	78772.04	394743.83	39.39	Soil	12,540	0.72
08/23/2021	18:35:15	78771.95	394743.96	39.41	Soil	14,220	1.90
08/23/2021	18:35:23	78771.77	394744.16	39.42	Soil	12,240	0.51
08/23/2021	18:35:24	78771.75	394744.19	39.44	Soil	12,960	1.02
08/23/2021	18:35:25	78771.63	394744.08	39.47	Soil	12,720	0.85
08/23/2021	18:35:26	78771.57	394744.26	39.47	Soil	13,320	1.27
08/23/2021	18:35:27	78771.44	394744.26	39.50	Soil	12,000	0.34
08/23/2021	18:35:28	78771.31	394744.46	39.59	Soil	12,480	0.68
08/23/2021	18:35:29	78771.07	394744.36	39.66	Soil	13,080	1.10
08/23/2021	18:35:30	78770.85	394744.60	39.73	Soil	12,660	0.81
08/23/2021	18:35:31	78770.62	394744.43	39.79	Soil	11,640	0.09
08/23/2021	18:35:32	78770.45	394744.56	39.80	Soil	13,200	1.19
08/23/2021	18:35:33	78770.30	394744.45	39.76	Soil	13,260	1.23
08/23/2021	18:35:34	78770.12	394744.60	39.79	Soil	12,900	0.98
08/23/2021	18:36:24	78769.96	394744.35	39.87	Soil	10,440	-0.75
08/23/2021	18:36:25	78769.95	394744.43	39.87	Soil	12,120	0.43
08/23/2021	18:36:26	78769.95	394744.38	39.90	Soil	11,880	0.26
08/23/2021	18:36:27	78769.81	394744.49	40.02	Soil	13,080	1.10
08/23/2021	18:36:28	78769.55	394744.48	40.03	Soil	11,940	0.30
08/23/2021	18:36:29	78769.46	394744.58	40.02	Soil	13,380	1.31
08/23/2021	18:36:30	78769.34	394744.50	40.02	Soil	11,340	-0.12
08/23/2021	18:36:31	78769.30	394744.66	40.00	Soil	11,640	0.09
08/23/2021	18:36:32	78769.17	394744.59	40.02	Soil	10,860	-0.46
08/23/2021	18:36:33	78769.06	394744.72	40.03	Soil	10,140	-0.96
08/23/2021	18:36:34	78768.90	394744.68	40.05	Soil	13,800	1.61

SU 7D GWS RESULTS
(SOIL)

08/23/2021	18:36:35	78768.73	394744.78	40.06	Soil	12,480	0.68
08/23/2021	18:36:36	78768.56	394744.80	40.08	Soil	12,000	0.34
08/23/2021	18:36:37	78768.42	394744.95	40.09	Soil	10,500	-0.71
08/23/2021	18:36:38	78768.31	394745.03	40.09	Soil	12,900	0.98
08/23/2021	18:36:39	78768.18	394745.14	40.10	Soil	10,320	-0.84
08/23/2021	18:36:40	78768.05	394745.28	40.12	Soil	12,900	0.98
08/23/2021	18:36:41	78767.91	394745.37	40.14	Soil	10,500	-0.71
08/23/2021	18:36:42	78767.83	394745.46	40.16	Soil	11,880	0.26
08/23/2021	18:36:43	78767.70	394745.52	40.17	Soil	11,280	-0.16
08/23/2021	18:36:44	78767.57	394745.55	40.17	Soil	10,440	-0.75
08/23/2021	18:36:45	78767.46	394745.62	40.19	Soil	12,120	0.43
08/23/2021	18:36:46	78767.30	394745.55	40.19	Soil	10,920	-0.41
08/23/2021	18:36:47	78767.16	394745.57	40.20	Soil	12,540	0.72
08/23/2021	18:36:48	78767.01	394745.46	40.24	Soil	11,280	-0.16
08/23/2021	18:36:49	78766.88	394745.42	40.26	Soil	11,460	-0.04
08/23/2021	18:36:50	78766.83	394745.22	40.27	Soil	12,660	0.81
08/23/2021	18:36:51	78766.77	394745.37	40.30	Soil	11,940	0.30
08/23/2021	18:36:52	78766.68	394745.40	40.29	Soil	12,420	0.64
08/23/2021	18:36:53	78766.62	394745.33	40.28	Soil	10,800	-0.50
08/23/2021	18:36:54	78766.52	394745.53	40.24	Soil	10,920	-0.41
08/23/2021	18:36:55	78766.37	394745.44	40.26	Soil	13,320	1.27
08/23/2021	18:36:56	78766.27	394745.59	40.26	Soil	11,760	0.18
08/23/2021	18:36:57	78766.15	394745.52	40.27	Soil	12,060	0.39
08/23/2021	18:36:58	78766.03	394745.65	40.26	Soil	10,680	-0.58
08/23/2021	18:36:59	78765.92	394745.57	40.27	Soil	12,300	0.55
08/23/2021	18:37:00	78765.83	394745.69	40.26	Soil	10,140	-0.96
08/23/2021	18:37:01	78765.71	394745.62	40.26	Soil	12,480	0.68
08/23/2021	18:37:02	78765.58	394745.71	40.27	Soil	10,740	-0.54
08/23/2021	18:37:03	78765.45	394745.62	40.27	Soil	12,240	0.51
08/23/2021	18:37:04	78765.33	394745.72	40.28	Soil	9,540	-1.38
08/23/2021	18:37:05	78765.16	394745.68	40.29	Soil	10,320	-0.84
08/23/2021	18:37:06	78764.99	394745.78	40.29	Soil	10,980	-0.37
08/23/2021	18:37:07	78764.82	394745.68	40.30	Soil	11,460	-0.04
08/23/2021	18:37:08	78764.69	394745.77	40.30	Soil	12,420	0.64
08/23/2021	18:37:25	78764.90	394745.22	40.36	Soil	12,000	0.34
08/23/2021	18:37:26	78764.89	394745.21	40.36	Soil	10,620	-0.62
08/23/2021	18:37:27	78764.90	394745.15	40.35	Soil	12,120	0.43
08/23/2021	18:37:28	78764.89	394745.30	40.36	Soil	13,500	1.40
08/23/2021	18:37:29	78765.01	394745.22	40.35	Soil	11,100	-0.29
08/23/2021	18:37:30	78765.08	394745.40	40.35	Soil	11,220	-0.20
08/23/2021	18:37:31	78765.21	394745.35	40.33	Soil	11,340	-0.12
08/23/2021	18:37:32	78765.28	394745.43	40.31	Soil	11,760	0.18
08/23/2021	18:37:33	78765.41	394745.38	40.30	Soil	10,440	-0.75
08/23/2021	18:37:34	78765.51	394745.42	40.30	Soil	12,900	0.98
08/23/2021	18:37:35	78765.66	394745.43	40.30	Soil	13,140	1.14
08/23/2021	18:37:36	78765.74	394745.53	40.30	Soil	10,980	-0.37
08/23/2021	18:37:37	78765.87	394745.50	40.31	Soil	10,140	-0.96
08/23/2021	18:37:38	78766.00	394745.62	40.31	Soil	11,400	-0.08
08/23/2021	18:37:39	78766.16	394745.68	40.31	Soil	12,600	0.76
08/23/2021	18:37:40	78766.34	394745.74	40.33	Soil	10,680	-0.58
08/23/2021	18:37:41	78766.54	394745.65	40.32	Soil	11,760	0.18

SU 7D GWS RESULTS
(SOIL)

08/23/2021	18:37:42	78766.69	394745.75	40.29	Soil	12,420	0.64
08/23/2021	18:37:43	78766.88	394745.64	40.26	Soil	11,460	-0.04
08/23/2021	18:37:44	78766.97	394745.72	40.25	Soil	10,980	-0.37
08/23/2021	18:37:45	78767.11	394745.61	40.24	Soil	11,100	-0.29
08/23/2021	18:37:46	78767.22	394745.55	40.24	Soil	13,740	1.56
08/23/2021	18:37:47	78767.38	394745.54	40.24	Soil	15,060	2.49
08/23/2021	18:37:48	78767.56	394745.47	40.23	Soil	12,300	0.55
08/23/2021	18:37:49	78767.69	394745.53	40.24	Soil	13,080	1.10
08/23/2021	18:37:50	78767.79	394745.41	40.24	Soil	13,200	1.19
08/23/2021	18:37:51	78767.82	394745.31	40.24	Soil	11,280	-0.16
08/23/2021	18:37:52	78767.81	394745.38	40.27	Soil	13,500	1.40
08/23/2021	18:37:53	78767.72	394745.18	40.29	Soil	14,160	1.86
08/23/2021	18:38:06	78767.81	394745.26	40.24	Soil	12,060	0.39
08/23/2021	18:38:07	78767.80	394745.39	40.22	Soil	14,460	2.07
08/23/2021	18:38:08	78767.94	394745.25	40.21	Soil	12,780	0.89
08/23/2021	18:38:09	78768.14	394745.37	40.19	Soil	12,000	0.34
08/23/2021	18:38:10	78768.32	394745.31	40.20	Soil	12,780	0.89
08/23/2021	18:38:11	78768.48	394745.34	40.20	Soil	14,040	1.78
08/23/2021	18:38:12	78768.62	394745.35	40.17	Soil	11,520	0.01
08/23/2021	18:38:13	78768.77	394745.43	40.18	Soil	13,140	1.14
08/23/2021	18:38:14	78768.86	394745.26	40.15	Soil	13,800	1.61
08/23/2021	18:38:15	78768.99	394745.27	40.15	Soil	12,540	0.72
08/23/2021	18:38:16	78769.00	394745.12	40.16	Soil	12,660	0.81
08/23/2021	18:38:17	78768.99	394745.01	40.14	Soil	12,720	0.85
08/23/2021	18:38:18	78769.04	394745.00	40.13	Soil	11,460	-0.04
08/23/2021	18:38:19	78769.12	394744.99	40.12	Soil	11,580	0.05
08/23/2021	18:38:20	78768.97	394744.80	40.13	Soil	11,400	-0.08
08/23/2021	18:38:21	78768.93	394744.91	40.14	Soil	13,200	1.19
08/23/2021	18:38:22	78768.75	394744.79	40.15	Soil	13,200	1.19
08/23/2021	18:38:23	78768.79	394744.95	40.16	Soil	11,100	-0.29
08/23/2021	18:38:24	78768.82	394745.00	40.16	Soil	12,000	0.34
08/23/2021	18:38:25	78768.85	394745.05	40.16	Soil	10,920	-0.41
08/23/2021	18:38:26	78768.86	394744.87	40.15	Soil	11,820	0.22
08/23/2021	18:38:27	78769.00	394744.94	40.14	Soil	12,540	0.72
08/23/2021	18:38:28	78769.14	394744.82	40.13	Soil	12,000	0.34
08/23/2021	18:38:29	78769.31	394744.94	40.18	Soil	12,240	0.51
08/23/2021	18:38:30	78769.50	394744.81	40.19	Soil	11,220	-0.20
08/23/2021	18:38:31	78769.66	394744.97	40.09	Soil	10,860	-0.46
08/23/2021	18:38:32	78769.76	394744.84	40.07	Soil	12,180	0.47
08/23/2021	18:38:33	78769.89	394744.92	40.02	Soil	11,520	0.01
08/23/2021	18:38:34	78769.97	394744.82	40.00	Soil	12,600	0.76
08/23/2021	18:38:35	78770.05	394744.88	39.98	Soil	12,000	0.34
08/23/2021	18:38:36	78770.13	394744.82	39.96	Soil	11,880	0.26
08/23/2021	18:38:37	78770.22	394744.90	39.95	Soil	11,400	-0.08
08/23/2021	18:38:38	78770.33	394744.83	39.95	Soil	11,880	0.26
08/23/2021	18:38:39	78770.35	394744.86	39.95	Soil	12,000	0.34
08/23/2021	18:38:40	78770.38	394744.92	39.94	Soil	10,500	-0.71
08/23/2021	18:38:41	78770.41	394744.99	39.93	Soil	12,840	0.93
08/23/2021	18:38:42	78770.52	394744.83	39.88	Soil	11,700	0.13
08/23/2021	18:38:43	78770.60	394744.95	39.87	Soil	10,860	-0.46
08/23/2021	18:38:44	78770.68	394744.94	39.84	Soil	13,920	1.69

SU 7D GWS RESULTS
(SOIL)

08/23/2021	18:38:45	78770.78	394744.86	39.81	Soil	11,460	-0.04
08/23/2021	18:38:46	78770.86	394744.85	39.78	Soil	12,480	0.68
08/23/2021	18:38:47	78770.96	394744.83	39.72	Soil	12,060	0.39
08/23/2021	18:38:48	78771.05	394744.78	39.69	Soil	12,840	0.93
08/23/2021	18:38:49	78771.17	394744.77	39.64	Soil	13,200	1.19
08/23/2021	18:38:50	78771.24	394744.72	39.61	Soil	12,300	0.55
08/23/2021	18:38:51	78771.30	394744.66	39.58	Soil	11,460	-0.04
08/23/2021	18:38:52	78771.37	394744.66	39.57	Soil	13,440	1.35
08/23/2021	18:38:53	78771.40	394744.56	39.54	Soil	11,340	-0.12
08/23/2021	18:38:54	78771.48	394744.66	39.55	Soil	11,100	-0.29
08/23/2021	18:38:55	78771.52	394744.56	39.53	Soil	11,520	0.01
08/23/2021	18:38:56	78771.57	394744.56	39.55	Soil	12,060	0.39
08/23/2021	18:38:57	78771.59	394744.40	39.55	Soil	11,460	-0.04
08/23/2021	18:38:58	78771.73	394744.37	39.52	Soil	12,240	0.51
08/23/2021	18:38:59	78771.82	394744.33	39.52	Soil	10,680	-0.58
08/23/2021	18:39:00	78771.90	394744.26	39.49	Soil	12,600	0.76
08/23/2021	18:39:01	78771.99	394744.16	39.46	Soil	10,680	-0.58
08/23/2021	18:39:02	78772.08	394744.17	39.45	Soil	12,480	0.68
08/23/2021	18:39:03	78772.17	394744.07	39.42	Soil	12,420	0.64
08/23/2021	18:39:04	78772.25	394744.07	39.41	Soil	11,100	-0.29
08/23/2021	18:40:19	78772.35	394744.12	39.42	Soil	11,700	0.13
08/23/2021	18:40:20	78772.36	394744.13	39.42	Soil	12,480	0.68
08/23/2021	18:40:21	78772.40	394744.02	39.42	Soil	13,440	1.35
08/23/2021	18:40:22	78772.46	394743.95	39.42	Soil	12,360	0.60
08/23/2021	18:40:23	78772.54	394744.02	39.43	Soil	12,120	0.43
08/23/2021	18:40:24	78772.61	394743.92	39.41	Soil	13,680	1.52
08/23/2021	18:40:25	78772.73	394743.97	39.40	Soil	11,220	-0.20
08/23/2021	18:40:26	78772.85	394743.89	39.39	Soil	12,600	0.76
08/23/2021	18:40:27	78772.98	394743.91	39.39	Soil	11,760	0.18
08/23/2021	18:40:28	78773.01	394743.81	39.38	Soil	12,780	0.89
08/23/2021	18:40:29	78773.07	394743.82	39.39	Soil	11,760	0.18
08/23/2021	18:40:30	78772.93	394743.67	39.39	Soil	10,500	-0.71
08/23/2021	18:40:31	78772.85	394743.79	39.41	Soil	11,580	0.05
08/23/2021	18:40:32	78772.79	394743.81	39.40	Soil	11,100	-0.29
08/23/2021	18:40:33	78772.68	394743.78	39.40	Soil	12,540	0.72
08/23/2021	18:40:34	78772.67	394743.77	39.41	Soil	10,740	-0.54
08/23/2021	18:40:35	78772.81	394743.84	39.40	Soil	13,080	1.10
08/23/2021	18:40:36	78772.91	394743.77	39.39	Soil	13,200	1.19
08/23/2021	18:40:37	78772.99	394743.64	39.38	Soil	12,420	0.64
08/23/2021	18:40:38	78773.16	394743.68	39.34	Soil	10,380	-0.79
08/23/2021	18:40:39	78773.23	394743.55	39.33	Soil	11,460	-0.04
08/23/2021	18:40:40	78773.27	394743.44	39.29	Soil	10,860	-0.46
08/23/2021	18:40:41	78773.36	394743.43	39.27	Soil	13,380	1.31
08/23/2021	18:40:42	78773.42	394743.26	39.27	Soil	12,660	0.81
08/23/2021	18:41:34	78773.47	394743.73	39.45	Soil	12,000	0.34
08/23/2021	18:41:35	78773.32	394743.75	39.47	Soil	12,180	0.47
08/23/2021	18:41:36	78773.19	394743.78	39.48	Soil	11,700	0.13
08/23/2021	18:41:37	78773.08	394743.87	39.50	Soil	10,740	-0.54
08/23/2021	18:41:38	78772.98	394743.89	39.51	Soil	11,040	-0.33
08/23/2021	18:41:39	78772.88	394743.95	39.51	Soil	12,120	0.43
08/23/2021	18:41:40	78772.73	394744.02	39.53	Soil	10,800	-0.50

SU 7D GWS RESULTS
(SOIL)

08/23/2021	18:41:41	78772.60	394744.19	39.54	Soil	11,400	-0.08
08/23/2021	18:41:42	78772.38	394744.18	39.57	Soil	12,420	0.64
08/23/2021	18:41:43	78772.32	394744.33	39.61	Soil	10,140	-0.96
08/23/2021	18:41:44	78772.16	394744.38	39.65	Soil	12,360	0.60
08/23/2021	18:41:45	78772.06	394744.52	39.68	Soil	11,880	0.26
08/23/2021	18:41:46	78771.93	394744.50	39.68	Soil	10,140	-0.96
08/23/2021	18:41:47	78771.86	394744.61	39.69	Soil	10,920	-0.41
08/23/2021	18:41:48	78771.73	394744.60	39.71	Soil	12,660	0.81
08/23/2021	18:41:49	78771.70	394744.76	39.71	Soil	11,040	-0.33
08/23/2021	18:41:50	78771.64	394744.81	39.72	Soil	13,440	1.35
08/23/2021	18:41:51	78771.50	394744.74	39.74	Soil	13,080	1.10
08/23/2021	18:41:52	78771.40	394744.88	39.78	Soil	11,280	-0.16
08/23/2021	18:41:53	78771.36	394745.06	39.80	Soil	11,460	-0.04
08/23/2021	18:41:54	78771.24	394745.07	39.83	Soil	11,760	0.18
08/23/2021	18:41:55	78771.18	394745.14	39.87	Soil	10,320	-0.84
08/23/2021	18:41:56	78771.07	394745.05	39.89	Soil	12,600	0.76
08/23/2021	18:41:57	78770.95	394745.11	39.93	Soil	14,400	2.03
08/23/2021	18:41:58	78770.79	394745.08	39.94	Soil	10,920	-0.41
08/23/2021	18:41:59	78770.64	394745.17	39.97	Soil	13,500	1.40
08/23/2021	18:42:00	78770.47	394745.15	40.01	Soil	13,500	1.40
08/23/2021	18:42:01	78770.34	394745.21	40.05	Soil	12,060	0.39
08/23/2021	18:42:02	78770.20	394745.15	40.03	Soil	12,420	0.64
08/23/2021	18:42:03	78770.18	394745.31	40.21	Soil	11,400	-0.08
08/23/2021	18:42:04	78769.96	394745.40	40.22	Soil	12,300	0.55
08/23/2021	18:42:05	78769.81	394745.50	40.20	Soil	12,120	0.43
08/23/2021	18:42:06	78769.66	394745.40	40.18	Soil	12,900	0.98
08/23/2021	18:42:07	78769.51	394745.48	40.16	Soil	11,760	0.18
08/23/2021	18:42:08	78769.45	394745.55	40.16	Soil	13,740	1.56
08/23/2021	18:42:09	78769.44	394745.51	40.15	Soil	12,180	0.47
08/23/2021	18:42:10	78769.45	394745.53	40.16	Soil	13,500	1.40
08/23/2021	18:42:11	78769.48	394745.33	40.16	Soil	11,700	0.13
08/23/2021	18:42:12	78769.63	394745.30	40.16	Soil	13,140	1.14
08/23/2021	18:42:13	78769.69	394745.18	40.18	Soil	12,180	0.47
08/23/2021	18:42:14	78769.67	394745.05	40.19	Soil	12,600	0.76
08/23/2021	18:42:15	78769.65	394745.02	40.18	Soil	12,360	0.60
08/23/2021	18:42:16	78769.65	394745.03	40.17	Soil	11,280	-0.16
08/23/2021	18:42:17	78769.67	394745.02	40.17	Soil	11,400	-0.08
08/23/2021	18:42:18	78769.68	394744.98	40.16	Soil	14,160	1.86
08/23/2021	18:42:19	78769.76	394745.14	40.16	Soil	13,380	1.31
08/23/2021	18:42:20	78769.63	394745.18	40.13	Soil	14,100	1.82
08/23/2021	18:42:21	78769.54	394745.36	40.10	Soil	12,240	0.51
08/23/2021	18:42:22	78769.47	394745.45	40.08	Soil	10,920	-0.41
08/23/2021	18:42:23	78769.39	394745.39	40.08	Soil	13,260	1.23
08/23/2021	18:42:24	78769.38	394745.53	40.07	Soil	13,020	1.06
08/23/2021	18:42:25	78769.35	394745.60	40.06	Soil	13,440	1.35
08/23/2021	18:42:26	78769.25	394745.57	40.08	Soil	15,360	2.70
08/23/2021	18:42:27	78769.19	394745.58	40.11	Soil	12,660	0.81
08/23/2021	18:42:28	78769.15	394745.70	40.13	Soil	13,440	1.35
08/23/2021	18:42:29	78769.02	394745.65	40.14	Soil	12,600	0.76
08/23/2021	18:42:30	78768.93	394745.76	40.17	Soil	14,160	1.86
08/23/2021	18:42:31	78768.77	394745.76	40.21	Soil	12,420	0.64

SU 7D GWS RESULTS
(SOIL)

08/23/2021	18:42:32	78768.63	394745.83	40.23	Soil	12,900	0.98
08/23/2021	18:42:33	78768.52	394745.83	40.25	Soil	12,480	0.68
08/23/2021	18:42:34	78768.41	394745.87	40.25	Soil	13,740	1.56
08/23/2021	18:42:35	78768.31	394745.85	40.23	Soil	13,920	1.69
08/23/2021	18:42:36	78768.22	394745.73	40.23	Soil	12,480	0.68
08/23/2021	18:42:37	78768.13	394745.87	40.26	Soil	13,080	1.10
08/23/2021	18:42:38	78767.95	394745.83	40.27	Soil	12,420	0.64
08/23/2021	18:42:39	78767.81	394745.94	40.25	Soil	11,760	0.18
08/23/2021	18:42:40	78767.63	394745.92	40.27	Soil	11,160	-0.25
08/23/2021	18:42:41	78767.46	394746.03	40.28	Soil	11,700	0.13
08/23/2021	18:42:42	78767.30	394746.00	40.30	Soil	12,180	0.47
08/23/2021	18:42:43	78767.15	394746.07	40.32	Soil	12,600	0.76
08/23/2021	18:42:44	78766.98	394746.02	40.34	Soil	12,780	0.89
08/23/2021	18:42:45	78766.83	394746.11	40.36	Soil	10,440	-0.75
08/23/2021	18:42:46	78766.69	394746.05	40.35	Soil	11,100	-0.29
08/23/2021	18:42:47	78766.54	394746.11	40.36	Soil	10,440	-0.75
08/23/2021	18:42:48	78766.37	394746.08	40.35	Soil	12,360	0.60
08/23/2021	18:42:49	78766.22	394746.09	40.38	Soil	11,040	-0.33
08/23/2021	18:42:50	78766.04	394746.08	40.38	Soil	11,040	-0.33
08/23/2021	18:42:51	78765.87	394746.11	40.37	Soil	12,720	0.85
08/23/2021	18:42:52	78765.74	394746.13	40.36	Soil	10,380	-0.79
08/23/2021	18:42:53	78765.61	394746.11	40.37	Soil	11,940	0.30
08/23/2021	18:42:54	78765.50	394746.20	40.37	Soil	9,660	-1.30
08/23/2021	18:42:55	78765.35	394746.15	40.39	Soil	9,060	-1.72
08/23/2021	18:42:56	78765.20	394746.20	40.39	Soil	11,940	0.30
08/23/2021	18:42:57	78765.08	394746.13	40.38	Soil	11,700	0.13
08/23/2021	18:42:58	78764.92	394746.18	40.38	Soil	11,460	-0.04
08/23/2021	18:42:59	78764.79	394746.10	40.39	Soil	11,520	0.01
08/23/2021	18:43:00	78764.62	394746.17	40.40	Soil	10,620	-0.62
08/23/2021	18:43:01	78764.45	394746.11	40.39	Soil	12,240	0.51
08/23/2021	18:43:02	78764.46	394746.03	40.40	Soil	11,040	-0.33
08/23/2021	18:43:03	78764.43	394746.02	40.40	Soil	10,800	-0.50
08/23/2021	18:43:04	78764.51	394745.94	40.40	Soil	12,000	0.34
08/23/2021	18:43:05	78764.58	394745.99	40.41	Soil	12,300	0.55
08/23/2021	18:43:06	78764.72	394745.88	40.40	Soil	10,440	-0.75
08/23/2021	18:43:07	78764.82	394745.93	40.40	Soil	10,800	-0.50
08/23/2021	18:43:08	78764.99	394745.85	40.41	Soil	11,340	-0.12
08/23/2021	18:43:09	78765.10	394745.94	40.40	Soil	10,020	-1.05
08/23/2021	18:43:10	78765.25	394745.88	40.41	Soil	10,500	-0.71
08/23/2021	18:43:11	78765.38	394745.95	40.42	Soil	11,580	0.05
08/23/2021	18:43:12	78765.54	394745.88	40.42	Soil	12,660	0.81
08/23/2021	18:43:13	78765.65	394745.85	40.43	Soil	10,860	-0.46
08/23/2021	18:43:14	78765.69	394745.92	40.43	Soil	12,060	0.39
08/23/2021	18:43:15	78765.81	394745.89	40.44	Soil	10,020	-1.05
08/23/2021	18:43:16	78765.90	394745.99	40.45	Soil	11,940	0.30
08/23/2021	18:43:17	78766.05	394745.95	40.43	Soil	12,420	0.64
08/23/2021	18:43:18	78766.11	394746.04	40.44	Soil	11,700	0.13
08/23/2021	18:43:19	78766.25	394746.08	40.42	Soil	11,400	-0.08
08/23/2021	18:43:20	78766.33	394746.15	40.43	Soil	12,240	0.51
08/23/2021	18:43:21	78766.46	394746.26	40.40	Soil	11,460	-0.04
08/23/2021	18:43:22	78766.59	394746.31	40.39	Soil	11,340	-0.12

SU 7D GWS RESULTS
(SOIL)

08/23/2021	18:43:23	78766.67	394746.38	40.40	Soil	12,240	0.51
08/23/2021	18:43:24	78766.83	394746.32	40.40	Soil	10,380	-0.79
08/23/2021	18:43:25	78766.94	394746.35	40.40	Soil	11,160	-0.25
08/23/2021	18:43:26	78767.02	394746.29	40.41	Soil	11,640	0.09
08/23/2021	18:43:27	78767.09	394746.09	40.42	Soil	11,880	0.26
08/23/2021	18:43:28	78767.03	394746.09	40.43	Soil	11,340	-0.12
08/23/2021	18:43:29	78767.04	394746.00	40.43	Soil	12,060	0.39
08/23/2021	18:43:30	78767.09	394745.87	40.44	Soil	12,540	0.72
08/23/2021	18:43:31	78767.04	394745.83	40.47	Soil	11,160	-0.25
08/23/2021	18:43:32	78766.82	394745.85	40.51	Soil	11,160	-0.25
08/23/2021	18:43:33	78766.69	394745.74	40.51	Soil	12,540	0.72
08/23/2021	18:43:34	78766.55	394745.81	40.49	Soil	11,340	-0.12
08/23/2021	18:43:35	78766.38	394745.86	40.49	Soil	10,080	-1.00
08/23/2021	18:43:36	78766.36	394745.88	40.50	Soil	12,780	0.89
08/23/2021	18:43:37	78766.47	394745.93	40.51	Soil	11,100	-0.29
08/23/2021	18:43:38	78766.69	394745.94	40.47	Soil	11,640	0.09
08/23/2021	18:43:39	78766.92	394745.98	40.46	Soil	11,580	0.05
08/23/2021	18:43:40	78767.17	394746.01	40.46	Soil	11,700	0.13
08/23/2021	18:43:41	78767.42	394746.02	40.45	Soil	13,800	1.61
08/23/2021	18:43:42	78767.63	394745.95	40.46	Soil	13,800	1.61
08/23/2021	18:43:43	78767.79	394745.96	40.44	Soil	11,880	0.26
08/23/2021	18:43:44	78767.86	394745.79	40.43	Soil	12,840	0.93
08/23/2021	18:43:45	78767.90	394745.68	40.43	Soil	14,280	1.94
08/23/2021	18:43:46	78767.91	394745.68	40.44	Soil	13,140	1.14
08/23/2021	18:43:47	78767.86	394745.88	40.43	Soil	13,020	1.06
08/23/2021	18:43:48	78767.73	394745.90	40.42	Soil	13,860	1.65
08/23/2021	18:43:49	78767.60	394745.87	40.43	Soil	12,300	0.55
08/23/2021	18:43:50	78767.47	394745.97	40.44	Soil	10,680	-0.58
08/23/2021	18:43:51	78767.40	394745.85	40.46	Soil	12,660	0.81
08/23/2021	18:43:52	78767.32	394745.92	40.48	Soil	13,260	1.23
08/23/2021	18:43:53	78767.24	394745.71	40.50	Soil	12,360	0.60
08/23/2021	18:43:54	78767.22	394745.51	40.49	Soil	12,360	0.60
08/23/2021	18:43:55	78767.25	394745.46	40.51	Soil	13,440	1.35
08/23/2021	18:43:56	78767.32	394745.34	40.50	Soil	12,300	0.55
08/23/2021	18:43:57	78767.44	394745.30	40.50	Soil	11,940	0.30
08/23/2021	18:43:58	78767.56	394745.19	40.50	Soil	11,820	0.22
08/23/2021	18:43:59	78767.57	394745.30	40.47	Soil	14,400	2.03
08/23/2021	18:44:00	78767.72	394745.38	40.46	Soil	13,680	1.52
08/23/2021	18:44:01	78767.87	394745.65	40.44	Soil	11,820	0.22
08/23/2021	18:44:02	78768.11	394745.78	40.43	Soil	11,400	-0.08
08/23/2021	18:44:03	78768.27	394745.98	40.42	Soil	12,960	1.02
08/23/2021	18:44:04	78768.43	394745.96	40.41	Soil	13,440	1.35
08/23/2021	18:44:05	78768.58	394745.92	40.41	Soil	12,120	0.43
08/23/2021	18:44:06	78768.69	394745.78	40.41	Soil	12,660	0.81
08/23/2021	18:44:07	78768.76	394745.66	40.39	Soil	12,540	0.72
08/23/2021	18:44:08	78768.77	394745.75	40.41	Soil	11,880	0.26
08/23/2021	18:44:09	78768.77	394745.61	40.42	Soil	14,040	1.78
08/23/2021	18:44:10	78768.65	394745.61	40.46	Soil	13,500	1.40
08/23/2021	18:44:11	78768.53	394745.65	40.43	Soil	11,820	0.22
08/23/2021	18:44:12	78768.46	394745.45	40.44	Soil	13,800	1.61
08/23/2021	18:44:40	78768.23	394745.57	40.39	Soil	12,300	0.55

SU 7D GWS RESULTS
(SOIL)

08/23/2021	18:44:41	78768.23	394745.59	40.39	Soil	12,060	0.39
08/23/2021	18:44:42	78768.49	394745.39	40.38	Soil	11,940	0.30
08/23/2021	18:44:43	78768.71	394745.48	40.35	Soil	13,080	1.10
08/23/2021	18:44:44	78768.92	394745.49	40.35	Soil	12,300	0.55
08/23/2021	18:44:45	78769.12	394745.52	40.34	Soil	12,660	0.81
08/23/2021	18:44:46	78769.24	394745.32	40.34	Soil	12,600	0.76
08/23/2021	18:44:47	78769.34	394745.31	40.38	Soil	13,320	1.27
08/23/2021	18:44:48	78769.46	394745.11	40.39	Soil	11,280	-0.16
08/23/2021	18:44:49	78769.65	394745.06	40.25	Soil	12,180	0.47
08/23/2021	18:44:50	78769.86	394744.98	40.25	Soil	11,760	0.18
08/23/2021	18:44:51	78770.05	394745.05	40.17	Soil	13,440	1.35
08/23/2021	18:44:52	78770.24	394745.06	40.15	Soil	12,000	0.34
08/23/2021	18:44:53	78770.34	394745.14	40.10	Soil	11,820	0.22
08/23/2021	18:44:54	78770.50	394745.14	40.10	Soil	13,500	1.40
08/23/2021	18:45:42	78773.51	394743.66	39.32	Soil	12,300	0.55
08/23/2021	18:45:43	78773.43	394743.80	39.36	Soil	13,920	1.69
08/23/2021	18:45:44	78773.37	394743.92	39.43	Soil	12,120	0.43
08/23/2021	18:45:45	78773.19	394743.93	39.45	Soil	12,480	0.68
08/23/2021	18:45:46	78773.09	394744.03	39.48	Soil	13,200	1.19
08/23/2021	18:45:47	78772.91	394744.07	39.48	Soil	12,000	0.34
08/23/2021	18:45:48	78772.84	394744.12	39.50	Soil	12,120	0.43
08/23/2021	18:45:49	78772.70	394744.16	39.53	Soil	10,380	-0.79
08/23/2021	18:45:50	78772.56	394744.30	39.56	Soil	10,380	-0.79
08/23/2021	18:45:51	78772.45	394744.44	39.59	Soil	12,420	0.64
08/23/2021	18:45:52	78772.42	394744.60	39.62	Soil	12,540	0.72
08/23/2021	18:45:53	78772.39	394744.78	39.66	Soil	10,140	-0.96
08/23/2021	18:45:54	78772.29	394744.90	39.67	Soil	11,160	-0.25
08/23/2021	18:45:55	78772.22	394745.03	39.73	Soil	12,960	1.02
08/23/2021	18:46:12	78772.42	394744.50	39.66	Soil	10,800	-0.50
08/23/2021	18:46:13	78772.40	394744.47	39.67	Soil	11,640	0.09
08/23/2021	18:46:14	78772.40	394744.57	39.69	Soil	12,540	0.72
08/23/2021	18:46:15	78772.26	394744.66	39.73	Soil	11,220	-0.20
08/23/2021	18:46:16	78772.14	394744.81	39.76	Soil	11,460	-0.04
08/23/2021	18:46:17	78771.99	394744.95	39.80	Soil	11,160	-0.25
08/23/2021	18:46:18	78771.89	394745.06	39.83	Soil	9,660	-1.30
08/23/2021	18:46:19	78771.88	394745.17	39.86	Soil	9,900	-1.13
08/23/2021	18:46:20	78771.77	394745.20	39.88	Soil	11,640	0.09
08/23/2021	18:46:21	78771.69	394745.27	39.88	Soil	10,140	-0.96
08/23/2021	18:46:22	78771.57	394745.26	39.92	Soil	10,620	-0.62
08/23/2021	18:46:23	78771.44	394745.32	39.93	Soil	13,020	1.06
08/23/2021	18:46:24	78771.27	394745.33	39.96	Soil	11,940	0.30
08/23/2021	18:46:25	78771.20	394745.42	39.97	Soil	11,460	-0.04
08/23/2021	18:46:26	78771.20	394745.54	39.98	Soil	12,240	0.51
08/23/2021	18:46:27	78771.08	394745.50	40.01	Soil	11,940	0.30
08/23/2021	18:46:28	78770.96	394745.51	40.04	Soil	12,000	0.34
08/23/2021	18:46:29	78770.90	394745.61	40.07	Soil	10,740	-0.54
08/23/2021	18:46:30	78770.77	394745.59	40.08	Soil	13,680	1.52
08/23/2021	18:46:31	78770.75	394745.66	40.08	Soil	14,040	1.78
08/23/2021	18:46:32	78770.78	394745.72	40.06	Soil	13,680	1.52
08/23/2021	18:46:33	78770.72	394745.70	40.06	Soil	13,860	1.65
08/23/2021	18:46:34	78770.61	394745.70	40.08	Soil	12,780	0.89

SU 7D GWS RESULTS
(SOIL)

08/23/2021	18:46:35	78770.58	394745.80	40.09	Soil	13,320	1.27
08/23/2021	18:46:36	78770.46	394745.75	40.13	Soil	12,180	0.47
08/23/2021	18:46:37	78770.39	394745.77	40.17	Soil	12,180	0.47
08/23/2021	18:46:38	78770.21	394745.87	40.33	Soil	13,020	1.06
08/23/2021	18:46:39	78770.07	394746.01	40.35	Soil	11,940	0.30
08/23/2021	18:46:40	78770.08	394746.12	40.37	Soil	12,600	0.76
08/23/2021	18:46:41	78769.99	394746.06	40.33	Soil	12,900	0.98
08/23/2021	18:46:42	78769.90	394746.16	40.32	Soil	10,560	-0.67
08/23/2021	18:46:43	78769.77	394746.21	40.33	Soil	11,820	0.22
08/23/2021	18:46:44	78769.64	394746.26	40.34	Soil	12,540	0.72
08/23/2021	18:46:45	78769.49	394746.26	40.35	Soil	12,840	0.93
08/23/2021	18:46:46	78769.36	394746.29	40.37	Soil	13,260	1.23
08/23/2021	18:46:47	78769.20	394746.31	40.38	Soil	12,660	0.81
08/23/2021	18:46:48	78769.05	394746.37	40.39	Soil	12,360	0.60
08/23/2021	18:46:49	78768.90	394746.38	40.40	Soil	13,380	1.31
08/23/2021	18:46:50	78768.75	394746.41	40.41	Soil	11,460	-0.04
08/23/2021	18:46:51	78768.57	394746.47	40.43	Soil	13,020	1.06
08/23/2021	18:46:52	78768.44	394746.48	40.44	Soil	14,100	1.82
08/23/2021	18:46:53	78768.42	394746.57	40.44	Soil	12,000	0.34
08/23/2021	18:46:54	78768.44	394746.63	40.44	Soil	13,020	1.06
08/23/2021	18:46:55	78768.43	394746.62	40.46	Soil	12,840	0.93
08/23/2021	18:46:56	78768.33	394746.51	40.46	Soil	13,020	1.06
08/23/2021	18:46:57	78768.24	394746.56	40.47	Soil	13,020	1.06
08/23/2021	18:46:58	78768.15	394746.62	40.49	Soil	13,320	1.27
08/23/2021	18:46:59	78768.05	394746.65	40.48	Soil	13,080	1.10
08/23/2021	18:47:00	78767.94	394746.63	40.47	Soil	10,020	-1.05
08/23/2021	18:47:01	78767.79	394746.64	40.49	Soil	10,320	-0.84
08/23/2021	18:47:02	78767.61	394746.64	40.51	Soil	13,860	1.65
08/23/2021	18:47:03	78767.42	394746.69	40.51	Soil	13,320	1.27
08/23/2021	18:47:04	78767.24	394746.67	40.51	Soil	12,180	0.47
08/23/2021	18:47:05	78767.04	394746.73	40.50	Soil	11,280	-0.16
08/23/2021	18:47:06	78766.86	394746.77	40.50	Soil	11,460	-0.04
08/23/2021	18:47:07	78766.69	394746.73	40.52	Soil	11,340	-0.12
08/23/2021	18:47:08	78766.53	394746.78	40.58	Soil	11,880	0.26
08/23/2021	18:47:09	78766.32	394746.78	40.59	Soil	11,760	0.18
08/23/2021	18:47:27	78765.87	394746.79	40.42	Soil	11,100	-0.29
08/23/2021	18:47:28	78765.87	394746.80	40.42	Soil	10,260	-0.88
08/23/2021	18:47:29	78765.84	394746.88	40.42	Soil	11,760	0.18
08/23/2021	18:47:30	78765.75	394746.94	40.41	Soil	10,860	-0.46
08/23/2021	18:47:31	78765.65	394746.91	40.43	Soil	11,640	0.09
08/23/2021	18:47:32	78765.58	394746.94	40.43	Soil	11,940	0.30
08/23/2021	18:47:33	78765.49	394746.90	40.45	Soil	13,320	1.27
08/23/2021	18:47:34	78765.39	394746.95	40.46	Soil	10,920	-0.41
08/23/2021	18:47:35	78765.26	394746.97	40.48	Soil	8,760	-1.93
08/23/2021	18:47:36	78765.11	394747.03	40.49	Soil	11,820	0.22
08/23/2021	18:47:37	78764.91	394747.03	40.50	Soil	10,680	-0.58
08/23/2021	18:47:38	78764.72	394747.11	40.49	Soil	12,240	0.51
08/23/2021	18:47:39	78764.52	394747.12	40.49	Soil	10,200	-0.92
08/23/2021	18:47:40	78764.44	394747.15	40.51	Soil	11,700	0.13
08/23/2021	18:47:41	78764.41	394747.30	40.51	Soil	9,960	-1.09
08/23/2021	18:47:42	78764.37	394747.11	40.51	Soil	11,280	-0.16

SU 7D GWS RESULTS
(SOIL)

08/23/2021	18:47:43	78764.39	394746.93	40.52	Soil	11,880	0.26
08/23/2021	18:47:44	78764.39	394746.93	40.52	Soil	12,360	0.60
08/23/2021	18:47:53	78764.60	394746.92	40.50	Soil	11,040	-0.33
08/23/2021	18:47:54	78764.56	394747.00	40.51	Soil	11,700	0.13
08/23/2021	18:47:55	78764.60	394746.94	40.52	Soil	10,140	-0.96
08/23/2021	18:47:56	78764.71	394746.90	40.53	Soil	13,980	1.73
08/23/2021	18:47:57	78764.85	394746.89	40.54	Soil	12,360	0.60
08/23/2021	18:47:58	78764.99	394746.89	40.55	Soil	11,340	-0.12
08/23/2021	18:47:59	78765.13	394746.85	40.55	Soil	12,420	0.64
08/23/2021	18:48:00	78765.26	394746.83	40.55	Soil	10,140	-0.96
08/23/2021	18:48:01	78765.41	394746.78	40.56	Soil	12,240	0.51
08/23/2021	18:48:02	78765.58	394746.74	40.56	Soil	11,340	-0.12
08/23/2021	18:48:03	78765.74	394746.73	40.57	Soil	11,100	-0.29
08/23/2021	18:48:04	78765.87	394746.70	40.58	Soil	11,460	-0.04
08/23/2021	18:48:05	78766.00	394746.76	40.57	Soil	9,780	-1.21
08/23/2021	18:48:06	78766.17	394746.75	40.53	Soil	10,620	-0.62
08/23/2021	18:48:07	78766.34	394746.76	40.53	Soil	10,980	-0.37
08/23/2021	18:48:08	78766.55	394746.75	40.52	Soil	12,120	0.43
08/23/2021	18:48:09	78766.73	394746.76	40.52	Soil	11,520	0.01
08/23/2021	18:48:10	78766.91	394746.70	40.52	Soil	12,000	0.34
08/23/2021	18:48:11	78767.10	394746.66	40.49	Soil	12,420	0.64
08/23/2021	18:48:12	78767.26	394746.54	40.48	Soil	10,680	-0.58
08/23/2021	18:48:13	78767.42	394746.47	40.47	Soil	13,260	1.23
08/23/2021	18:48:14	78767.61	394746.40	40.46	Soil	12,120	0.43
08/23/2021	18:48:15	78767.78	394746.45	40.48	Soil	11,940	0.30
08/23/2021	18:48:16	78767.96	394746.43	40.44	Soil	12,780	0.89
08/23/2021	18:48:17	78768.12	394746.42	40.42	Soil	11,460	-0.04
08/23/2021	18:48:18	78768.25	394746.36	40.40	Soil	13,080	1.10
08/23/2021	18:48:19	78768.41	394746.35	40.39	Soil	13,740	1.56
08/23/2021	18:48:20	78768.60	394746.35	40.37	Soil	13,260	1.23
08/23/2021	18:48:21	78768.78	394746.34	40.37	Soil	11,940	0.30
08/23/2021	18:48:22	78768.97	394746.30	40.35	Soil	12,960	1.02
08/23/2021	18:48:23	78769.15	394746.29	40.34	Soil	11,100	-0.29
08/23/2021	18:48:24	78769.33	394746.20	40.33	Soil	11,460	-0.04
08/23/2021	18:48:25	78769.56	394746.14	40.32	Soil	12,480	0.68
08/23/2021	18:48:26	78769.77	394746.00	40.35	Soil	12,360	0.60
08/23/2021	18:48:27	78769.99	394745.95	40.20	Soil	10,680	-0.58
08/23/2021	18:48:28	78770.11	394745.77	40.14	Soil	11,820	0.22
08/23/2021	18:48:29	78770.22	394745.53	40.07	Soil	11,760	0.18
08/23/2021	18:48:30	78770.39	394745.35	40.00	Soil	12,300	0.55
08/24/2021	17:29:16	78769.02	394721.28	39.30	Soil	11,820	0.22
08/24/2021	17:29:17	78768.77	394721.72	39.25	Soil	11,880	0.26
08/24/2021	17:29:18	78768.99	394721.54	39.23	Soil	12,840	0.93
08/24/2021	17:29:19	78769.29	394721.09	39.26	Soil	10,680	-0.58
08/24/2021	17:29:20	78769.31	394721.25	39.22	Soil	11,700	0.13
08/24/2021	17:29:21	78769.42	394721.48	39.32	Soil	12,540	0.72
08/24/2021	17:29:22	78769.35	394721.70	39.32	Soil	11,700	0.13
08/24/2021	17:29:23	78769.29	394721.81	39.37	Soil	10,920	-0.41
08/24/2021	17:29:24	78769.20	394721.92	39.38	Soil	11,400	-0.08
08/24/2021	17:29:25	78769.44	394721.72	39.38	Soil	11,400	-0.08
08/24/2021	17:29:26	78769.70	394721.39	39.41	Soil	12,840	0.93

SU 7D GWS RESULTS
(SOIL)

08/24/2021	17:29:27	78769.82	394721.36	39.39	Soil	12,480	0.68
08/24/2021	17:29:28	78769.87	394721.15	39.38	Soil	11,100	-0.29
08/24/2021	17:29:29	78769.94	394721.10	39.35	Soil	12,240	0.51
08/24/2021	17:29:30	78770.02	394721.16	39.29	Soil	11,880	0.26
08/24/2021	17:29:31	78770.02	394721.32	39.23	Soil	12,060	0.39
08/24/2021	17:29:32	78770.04	394721.51	39.21	Soil	10,920	-0.41
08/24/2021	17:29:33	78769.92	394721.65	39.15	Soil	12,180	0.47
08/24/2021	17:29:34	78769.80	394721.76	39.16	Soil	11,040	-0.33
08/24/2021	17:29:35	78769.77	394721.91	39.19	Soil	11,880	0.26
08/24/2021	17:29:36	78769.63	394721.91	39.19	Soil	10,800	-0.50
08/24/2021	17:29:37	78769.63	394721.83	39.16	Soil	9,900	-1.13
08/24/2021	17:29:38	78769.77	394721.50	39.18	Soil	11,040	-0.33
08/24/2021	17:29:39	78769.90	394721.27	39.20	Soil	10,620	-0.62
08/24/2021	17:29:40	78769.86	394721.01	39.14	Soil	11,700	0.13
08/24/2021	17:29:41	78769.76	394721.03	39.14	Soil	13,080	1.10
08/24/2021	17:29:42	78769.71	394721.09	39.18	Soil	10,380	-0.79
08/24/2021	17:29:43	78769.64	394721.31	39.27	Soil	11,460	-0.04
08/24/2021	17:29:44	78769.40	394721.55	39.25	Soil	12,540	0.72
08/24/2021	17:29:45	78769.41	394721.57	39.28	Soil	12,000	0.34
08/24/2021	17:29:46	78769.32	394721.68	39.29	Soil	12,480	0.68
08/24/2021	17:29:47	78769.11	394721.83	39.28	Soil	11,400	-0.08
08/24/2021	17:29:48	78769.29	394721.83	39.28	Soil	10,800	-0.50
08/24/2021	17:29:49	78769.34	394721.87	39.29	Soil	10,980	-0.37
08/24/2021	17:29:50	78769.38	394722.02	39.27	Soil	12,000	0.34
08/24/2021	17:29:51	78769.60	394722.09	39.25	Soil	11,940	0.30
08/24/2021	17:29:52	78769.75	394722.15	39.23	Soil	12,480	0.68
08/24/2021	17:29:53	78769.94	394722.15	39.22	Soil	13,140	1.14
08/24/2021	17:29:54	78770.07	394722.14	39.18	Soil	11,460	-0.04
08/24/2021	17:29:55	78770.20	394721.71	39.14	Soil	11,760	0.18
08/24/2021	17:29:56	78770.31	394721.45	39.13	Soil	11,820	0.22
08/24/2021	17:29:57	78770.44	394721.53	39.15	Soil	11,520	0.01
08/24/2021	17:29:58	78770.42	394721.86	39.15	Soil	11,220	-0.20
08/24/2021	17:29:59	78770.31	394722.16	39.17	Soil	10,800	-0.50
08/24/2021	17:30:00	78770.19	394722.29	39.18	Soil	10,620	-0.62
08/24/2021	17:30:01	78770.07	394722.43	39.22	Soil	9,600	-1.34
08/24/2021	17:30:02	78770.21	394722.25	39.20	Soil	11,340	-0.12
08/24/2021	17:30:03	78770.23	394722.11	39.21	Soil	11,760	0.18
08/24/2021	17:30:04	78770.15	394722.11	39.19	Soil	12,840	0.93
08/24/2021	17:30:05	78770.14	394722.04	39.17	Soil	10,740	-0.54
08/24/2021	17:30:06	78770.20	394721.97	39.15	Soil	11,340	-0.12
08/24/2021	17:30:07	78770.23	394721.92	39.12	Soil	12,420	0.64
08/24/2021	17:30:08	78770.38	394721.93	39.13	Soil	12,360	0.60
08/24/2021	17:30:09	78770.40	394722.18	39.18	Soil	13,260	1.23
08/24/2021	17:30:10	78770.36	394722.37	39.18	Soil	9,900	-1.13
08/24/2021	17:30:11	78770.55	394722.34	39.22	Soil	11,520	0.01
08/24/2021	17:30:12	78770.69	394722.04	39.20	Soil	11,700	0.13
08/24/2021	17:30:13	78770.77	394721.88	39.20	Soil	10,380	-0.79
08/24/2021	17:30:14	78770.94	394721.83	39.32	Soil	11,100	-0.29
08/24/2021	17:30:15	78771.08	394721.93	39.33	Soil	11,280	-0.16
08/24/2021	17:30:16	78771.12	394722.17	39.34	Soil	9,360	-1.51
08/24/2021	17:30:17	78771.02	394722.33	39.36	Soil	11,520	0.01

SU 7D GWS RESULTS
(SOIL)

08/24/2021	17:30:18	78770.95	394722.48	39.35	Soil	13,020	1.06
08/24/2021	17:30:19	78770.93	394722.61	39.40	Soil	11,040	-0.33
08/24/2021	17:30:20	78770.89	394722.69	39.39	Soil	13,020	1.06
08/24/2021	17:30:21	78770.78	394722.64	39.37	Soil	10,620	-0.62
08/24/2021	17:30:22	78770.60	394722.54	39.36	Soil	10,140	-0.96
08/24/2021	17:30:23	78770.51	394722.42	39.36	Soil	11,760	0.18
08/24/2021	17:30:24	78770.57	394722.24	39.35	Soil	12,240	0.51
08/24/2021	17:30:25	78770.65	394722.33	39.33	Soil	11,280	-0.16
08/24/2021	17:30:26	78770.64	394722.39	39.31	Soil	12,120	0.43
08/24/2021	17:30:27	78770.64	394722.30	39.31	Soil	11,160	-0.25
08/24/2021	17:30:28	78770.68	394722.15	39.29	Soil	11,340	-0.12
08/24/2021	17:30:29	78770.77	394722.03	39.28	Soil	11,160	-0.25
08/24/2021	17:30:30	78770.82	394721.92	39.28	Soil	11,280	-0.16
08/24/2021	17:30:31	78770.86	394722.03	39.28	Soil	11,940	0.30
08/24/2021	17:30:32	78770.82	394722.23	39.26	Soil	12,780	0.89
08/24/2021	17:30:33	78770.85	394722.32	39.28	Soil	11,280	-0.16
08/24/2021	17:30:34	78770.88	394722.11	39.33	Soil	12,360	0.60
08/24/2021	17:30:35	78770.88	394722.13	39.35	Soil	12,060	0.39
08/24/2021	17:30:36	78770.96	394722.16	39.37	Soil	10,800	-0.50
08/24/2021	17:30:37	78770.91	394722.17	39.31	Soil	12,300	0.55
08/24/2021	17:30:38	78770.96	394722.18	39.34	Soil	10,680	-0.58
08/24/2021	17:30:39	78770.94	394722.16	39.33	Soil	11,940	0.30
08/24/2021	17:30:40	78770.96	394722.14	39.33	Soil	10,920	-0.41
08/24/2021	17:30:41	78771.00	394722.10	39.41	Soil	10,980	-0.37
08/24/2021	17:30:42	78770.95	394722.08	39.39	Soil	11,880	0.26
08/24/2021	17:30:43	78771.00	394722.14	39.39	Soil	10,620	-0.62
08/24/2021	17:30:44	78770.99	394722.11	39.36	Soil	11,580	0.05
08/24/2021	17:30:45	78770.94	394722.24	39.39	Soil	11,640	0.09
08/24/2021	17:30:46	78770.82	394722.53	39.40	Soil	11,100	-0.29
08/24/2021	17:30:47	78770.87	394722.62	39.45	Soil	11,580	0.05
08/24/2021	17:30:48	78771.07	394722.63	39.45	Soil	10,980	-0.37
08/24/2021	17:30:49	78771.24	394722.51	39.41	Soil	10,080	-1.00
08/24/2021	17:30:50	78771.45	394722.29	39.39	Soil	9,480	-1.42
08/24/2021	17:30:51	78771.53	394722.04	39.42	Soil	11,700	0.13
08/24/2021	17:30:52	78771.53	394722.13	39.40	Soil	11,400	-0.08
08/24/2021	17:30:53	78771.48	394722.59	39.43	Soil	12,780	0.89
08/24/2021	17:30:54	78771.32	394722.85	39.44	Soil	10,620	-0.62
08/24/2021	17:30:55	78771.25	394723.02	39.48	Soil	11,460	-0.04
08/24/2021	17:30:56	78771.27	394722.98	39.49	Soil	12,480	0.68
08/24/2021	17:30:57	78771.47	394722.59	39.46	Soil	11,520	0.01
08/24/2021	17:30:58	78771.63	394722.24	39.44	Soil	10,800	-0.50
08/24/2021	17:30:59	78771.60	394722.17	39.44	Soil	11,460	-0.04
08/24/2021	17:31:00	78771.62	394722.16	39.42	Soil	12,120	0.43
08/24/2021	17:31:01	78771.58	394722.33	39.38	Soil	12,960	1.02
08/24/2021	17:31:02	78771.53	394722.53	39.37	Soil	11,340	-0.12
08/24/2021	17:31:03	78771.44	394722.65	39.41	Soil	11,940	0.30
08/24/2021	17:31:04	78771.32	394722.72	39.49	Soil	12,300	0.55
08/24/2021	17:31:05	78771.16	394722.88	39.49	Soil	12,960	1.02
08/24/2021	17:31:06	78771.07	394722.99	39.55	Soil	13,260	1.23
08/24/2021	17:31:07	78771.06	394723.01	39.53	Soil	10,620	-0.62
08/24/2021	17:31:08	78771.23	394722.91	39.54	Soil	10,560	-0.67

SU 7D GWS RESULTS
(SOIL)

08/24/2021	17:31:09	78771.52	394722.85	39.54	Soil	10,260	-0.88
08/24/2021	17:31:10	78771.65	394722.87	39.57	Soil	11,580	0.05
08/24/2021	17:31:11	78771.51	394723.04	39.54	Soil	11,340	-0.12
08/24/2021	17:31:12	78771.56	394723.10	39.53	Soil	12,000	0.34
08/24/2021	17:31:13	78771.77	394722.66	39.49	Soil	10,980	-0.37
08/24/2021	17:31:14	78771.79	394722.38	39.48	Soil	13,020	1.06
08/24/2021	17:31:15	78771.82	394722.29	39.49	Soil	12,960	1.02
08/24/2021	17:31:16	78771.97	394722.50	39.44	Soil	10,860	-0.46
08/24/2021	17:31:17	78772.02	394722.87	39.50	Soil	12,900	0.98
08/24/2021	17:31:18	78771.92	394723.14	39.54	Soil	11,940	0.30
08/24/2021	17:31:19	78771.86	394723.33	39.58	Soil	11,040	-0.33
08/24/2021	17:31:20	78771.94	394723.09	39.69	Soil	9,660	-1.30
08/24/2021	17:31:21	78772.20	394722.86	39.70	Soil	11,520	0.01
08/24/2021	17:31:22	78772.26	394722.68	39.67	Soil	10,680	-0.58
08/24/2021	17:31:23	78772.22	394722.66	39.65	Soil	11,940	0.30
08/24/2021	17:31:24	78772.10	394722.75	39.61	Soil	11,700	0.13
08/24/2021	17:31:25	78772.02	394722.83	39.61	Soil	11,940	0.30
08/24/2021	17:31:26	78771.97	394722.97	39.58	Soil	11,820	0.22
08/24/2021	17:31:27	78771.91	394723.15	39.61	Soil	11,640	0.09
08/24/2021	17:31:28	78772.02	394723.17	39.74	Soil	12,480	0.68
08/24/2021	17:31:29	78772.34	394723.23	39.80	Soil	13,140	1.14
08/24/2021	17:31:30	78772.43	394723.36	39.72	Soil	12,720	0.85
08/24/2021	17:31:31	78772.46	394723.26	39.72	Soil	12,780	0.89
08/24/2021	17:31:32	78772.50	394723.07	39.77	Soil	13,380	1.31
08/24/2021	17:31:33	78772.62	394722.82	39.75	Soil	13,320	1.27
08/24/2021	17:31:34	78772.71	394722.58	39.75	Soil	12,720	0.85
08/24/2021	17:31:35	78772.68	394722.68	39.67	Soil	12,300	0.55
08/24/2021	17:31:36	78772.68	394722.93	39.70	Soil	13,020	1.06
08/24/2021	17:31:37	78772.52	394723.17	39.75	Soil	11,340	-0.12
08/24/2021	17:31:38	78772.35	394723.29	39.79	Soil	10,740	-0.54
08/24/2021	17:31:39	78772.32	394723.42	39.78	Soil	10,920	-0.41
08/24/2021	17:31:40	78772.21	394723.30	39.81	Soil	11,940	0.30
08/24/2021	17:31:41	78772.07	394723.11	39.79	Soil	12,300	0.55
08/24/2021	17:31:42	78772.11	394722.95	39.78	Soil	10,500	-0.71
08/24/2021	17:31:43	78772.13	394722.78	39.78	Soil	13,620	1.48
08/24/2021	17:31:44	78772.26	394722.75	39.77	Soil	10,680	-0.58
08/24/2021	17:31:45	78772.31	394722.79	39.76	Soil	9,600	-1.34
08/24/2021	17:31:46	78772.24	394722.98	39.74	Soil	10,920	-0.41
08/24/2021	17:31:47	78772.34	394723.06	39.75	Soil	11,880	0.26
08/24/2021	17:31:48	78772.46	394723.15	39.79	Soil	13,140	1.14
08/24/2021	17:31:49	78772.54	394723.25	39.69	Soil	11,220	-0.20
08/24/2021	17:31:50	78772.55	394723.40	39.66	Soil	11,940	0.30
08/24/2021	17:31:51	78772.63	394723.38	39.65	Soil	12,300	0.55
08/24/2021	17:31:52	78772.81	394723.19	39.62	Soil	12,480	0.68
08/24/2021	17:31:53	78772.94	394723.00	39.51	Soil	10,680	-0.58
08/24/2021	17:31:54	78772.97	394722.99	39.50	Soil	10,980	-0.37
08/24/2021	17:31:55	78772.96	394723.23	39.51	Soil	12,720	0.85
08/24/2021	17:31:56	78772.91	394723.60	39.56	Soil	11,940	0.30
08/24/2021	17:31:57	78772.94	394723.71	39.56	Soil	11,520	0.01
08/24/2021	17:31:58	78773.25	394723.46	39.54	Soil	11,820	0.22
08/24/2021	17:31:59	78773.45	394723.22	39.52	Soil	11,940	0.30

SU 7D GWS RESULTS
(SOIL)

08/24/2021	17:32:00	78773.37	394723.37	39.55	Soil	10,260	-0.88
08/24/2021	17:32:01	78773.20	394723.68	39.59	Soil	12,060	0.39
08/24/2021	17:32:02	78773.36	394723.64	39.55	Soil	14,280	1.94
08/24/2021	17:32:03	78773.60	394723.43	39.49	Soil	12,060	0.39
08/24/2021	17:32:04	78773.50	394723.73	39.51	Soil	11,820	0.22
08/24/2021	17:32:05	78773.54	394723.80	39.48	Soil	10,920	-0.41
08/24/2021	17:32:06	78773.82	394723.70	39.52	Soil	11,220	-0.20
08/24/2021	17:32:07	78773.65	394723.95	39.48	Soil	9,420	-1.47
08/24/2021	17:32:08	78773.69	394724.09	39.50	Soil	10,980	-0.37
08/24/2021	17:32:09	78774.04	394723.94	39.48	Soil	11,700	0.13
08/24/2021	17:32:10	78773.89	394724.01	39.47	Soil	12,600	0.76
08/24/2021	17:32:11	78773.85	394724.21	39.45	Soil	13,200	1.19
08/24/2021	17:32:12	78773.99	394724.36	39.49	Soil	12,000	0.34
08/24/2021	17:32:13	78773.94	394724.32	39.42	Soil	12,180	0.47
08/24/2021	17:32:14	78773.96	394724.34	39.44	Soil	11,160	-0.25
08/24/2021	17:32:15	78774.06	394724.16	39.38	Soil	12,240	0.51
08/24/2021	17:32:16	78774.15	394724.21	39.33	Soil	12,960	1.02
08/24/2021	17:32:17	78774.18	394724.44	39.32	Soil	14,280	1.94
08/24/2021	17:32:18	78774.24	394724.37	39.31	Soil	11,700	0.13
08/24/2021	17:32:19	78774.32	394724.06	39.27	Soil	12,000	0.34
08/24/2021	17:32:20	78774.46	394723.94	39.21	Soil	12,960	1.02
08/24/2021	17:32:21	78774.42	394723.67	39.23	Soil	12,780	0.89
08/24/2021	17:32:22	78774.12	394723.36	39.37	Soil	10,740	-0.54
08/24/2021	17:32:23	78773.83	394723.60	39.49	Soil	11,340	-0.12
08/24/2021	17:32:24	78773.53	394723.99	39.57	Soil	11,280	-0.16
08/24/2021	17:32:25	78773.35	394724.15	39.60	Soil	12,180	0.47
08/24/2021	17:32:26	78773.37	394724.21	39.56	Soil	14,040	1.78
08/24/2021	17:32:27	78773.55	394724.09	39.50	Soil	10,800	-0.50
08/24/2021	17:32:28	78773.55	394724.03	39.49	Soil	11,040	-0.33
08/24/2021	17:32:29	78773.49	394724.39	39.46	Soil	12,420	0.64
08/24/2021	17:32:30	78773.47	394724.49	39.36	Soil	10,800	-0.50
08/24/2021	17:32:31	78773.55	394724.37	39.32	Soil	10,800	-0.50
08/24/2021	17:32:32	78773.62	394724.39	39.34	Soil	10,260	-0.88
08/24/2021	17:32:33	78773.73	394724.48	39.32	Soil	12,060	0.39
08/24/2021	17:32:34	78773.81	394724.40	39.26	Soil	12,600	0.76
08/24/2021	17:32:35	78773.94	394724.24	39.27	Soil	11,700	0.13
08/24/2021	17:32:36	78774.11	394723.97	39.24	Soil	12,360	0.60
08/24/2021	17:32:37	78773.92	394724.12	39.21	Soil	11,280	-0.16
08/24/2021	17:32:38	78773.84	394724.48	39.22	Soil	11,460	-0.04
08/24/2021	17:32:39	78773.90	394724.83	39.26	Soil	10,740	-0.54
08/24/2021	17:32:40	78773.89	394724.93	39.27	Soil	12,120	0.43
08/24/2021	17:32:41	78773.68	394725.02	39.31	Soil	11,580	0.05
08/24/2021	17:32:42	78773.54	394724.91	39.31	Soil	11,880	0.26
08/24/2021	17:32:43	78773.38	394724.91	39.35	Soil	13,080	1.10
08/24/2021	17:32:44	78773.20	394724.87	39.37	Soil	12,180	0.47
08/24/2021	17:32:45	78773.20	394724.77	39.38	Soil	12,480	0.68
08/24/2021	17:32:46	78773.25	394724.67	39.36	Soil	12,060	0.39
08/24/2021	17:32:47	78773.32	394724.50	39.35	Soil	10,380	-0.79
08/24/2021	17:32:48	78773.48	394724.36	39.35	Soil	12,420	0.64
08/24/2021	17:32:49	78773.58	394724.18	39.36	Soil	11,940	0.30
08/24/2021	17:32:50	78773.54	394724.19	39.35	Soil	11,460	-0.04

SU 7D GWS RESULTS
(SOIL)

08/24/2021	17:32:51	78773.37	394724.43	39.40	Soil	12,900	0.98
08/24/2021	17:32:52	78773.24	394724.69	39.42	Soil	11,700	0.13
08/24/2021	17:32:53	78773.16	394724.81	39.44	Soil	11,460	-0.04
08/24/2021	17:32:54	78773.14	394724.86	39.46	Soil	11,820	0.22
08/24/2021	17:32:55	78773.16	394724.91	39.47	Soil	11,700	0.13
08/24/2021	17:32:56	78773.18	394724.94	39.48	Soil	9,900	-1.13
08/24/2021	17:32:57	78773.30	394724.90	39.45	Soil	12,900	0.98
08/24/2021	17:32:58	78773.32	394724.88	39.46	Soil	11,280	-0.16
08/24/2021	17:32:59	78773.30	394724.77	39.45	Soil	11,460	-0.04
08/24/2021	17:33:00	78773.26	394724.79	39.50	Soil	10,020	-1.05
08/24/2021	17:33:01	78773.35	394724.90	39.52	Soil	12,240	0.51
08/24/2021	17:33:02	78773.45	394724.95	39.47	Soil	11,160	-0.25
08/24/2021	17:33:03	78773.47	394724.96	39.48	Soil	11,700	0.13
08/24/2021	17:33:04	78773.46	394724.96	39.49	Soil	13,200	1.19
08/24/2021	17:33:05	78773.30	394724.87	39.52	Soil	10,740	-0.54
08/24/2021	17:33:06	78773.25	394724.60	39.47	Soil	11,940	0.30
08/24/2021	17:33:07	78773.29	394724.35	39.47	Soil	13,260	1.23
08/24/2021	17:33:08	78773.17	394724.21	39.49	Soil	11,580	0.05
08/24/2021	17:33:09	78773.18	394723.96	39.52	Soil	12,360	0.60
08/24/2021	17:33:10	78773.16	394723.79	39.38	Soil	10,680	-0.58
08/24/2021	17:33:11	78772.95	394724.06	39.43	Soil	12,120	0.43
08/24/2021	17:33:12	78772.88	394724.10	39.49	Soil	12,300	0.55
08/24/2021	17:33:13	78772.83	394723.93	39.63	Soil	12,420	0.64
08/24/2021	17:33:14	78772.86	394723.79	39.65	Soil	13,020	1.06
08/24/2021	17:33:15	78772.82	394723.83	39.70	Soil	10,500	-0.71
08/24/2021	17:33:16	78772.62	394724.13	39.76	Soil	10,620	-0.62
08/24/2021	17:33:17	78772.47	394724.23	39.84	Soil	11,400	-0.08
08/24/2021	17:33:18	78772.41	394724.00	39.92	Soil	11,640	0.09
08/24/2021	17:33:19	78772.40	394723.77	40.01	Soil	11,520	0.01
08/24/2021	17:33:20	78772.41	394723.70	40.08	Soil	10,620	-0.62
08/24/2021	17:33:21	78772.49	394723.64	40.13	Soil	13,380	1.31
08/24/2021	17:33:22	78772.55	394723.59	40.13	Soil	12,120	0.43
08/24/2021	17:33:23	78772.46	394723.71	40.15	Soil	11,400	-0.08
08/24/2021	17:33:24	78772.41	394723.66	40.16	Soil	11,400	-0.08
08/24/2021	17:33:25	78772.46	394723.80	40.16	Soil	11,640	0.09
08/24/2021	17:33:26	78772.26	394723.97	40.15	Soil	10,380	-0.79
08/24/2021	17:33:27	78772.05	394724.29	40.19	Soil	11,400	-0.08
08/24/2021	17:33:28	78772.12	394723.96	40.18	Soil	11,340	-0.12
08/24/2021	17:33:29	78772.20	394723.74	40.16	Soil	11,400	-0.08
08/24/2021	17:33:30	78771.97	394724.14	40.27	Soil	11,820	0.22
08/24/2021	17:33:31	78771.96	394724.08	40.28	Soil	13,740	1.56
08/24/2021	17:33:32	78772.25	394723.75	40.35	Soil	12,300	0.55
08/24/2021	17:33:33	78772.23	394723.56	40.32	Soil	11,460	-0.04
08/24/2021	17:33:34	78772.00	394723.90	40.31	Soil	12,180	0.47
08/24/2021	17:33:35	78771.94	394724.16	40.28	Soil	10,560	-0.67
08/24/2021	17:33:36	78771.91	394724.09	40.28	Soil	11,520	0.01
08/24/2021	17:33:37	78772.03	394723.83	40.28	Soil	12,000	0.34
08/24/2021	17:33:38	78771.99	394723.79	40.28	Soil	12,120	0.43
08/24/2021	17:33:39	78771.80	394724.01	40.24	Soil	12,720	0.85
08/24/2021	17:33:40	78771.74	394723.87	40.28	Soil	14,220	1.90
08/24/2021	17:33:41	78771.74	394723.93	40.24	Soil	11,100	-0.29

SU 7D GWS RESULTS
(SOIL)

08/24/2021	17:33:42	78771.75	394723.91	40.20	Soil	12,420	0.64
08/24/2021	17:33:43	78771.86	394723.65	40.20	Soil	10,920	-0.41
08/24/2021	17:33:44	78771.76	394723.64	40.21	Soil	10,620	-0.62
08/24/2021	17:33:45	78771.62	394723.81	40.22	Soil	14,220	1.90
08/24/2021	17:33:46	78771.56	394723.89	40.22	Soil	11,700	0.13
08/24/2021	17:33:47	78771.66	394723.72	40.25	Soil	11,880	0.26
08/24/2021	17:33:48	78771.63	394723.55	40.26	Soil	11,520	0.01
08/24/2021	17:33:49	78771.47	394723.65	40.39	Soil	11,040	-0.33
08/24/2021	17:33:50	78771.34	394723.69	40.41	Soil	10,680	-0.58
08/24/2021	17:33:51	78771.49	394723.48	40.44	Soil	11,760	0.18
08/24/2021	17:33:52	78771.37	394723.46	40.48	Soil	12,660	0.81
08/24/2021	17:33:53	78771.06	394723.67	40.55	Soil	10,980	-0.37
08/24/2021	17:33:54	78770.93	394723.63	40.77	Soil	13,200	1.19
08/24/2021	17:33:55	78770.84	394723.46	40.61	Soil	10,860	-0.46
08/24/2021	17:33:56	78771.04	394723.36	40.55	Soil	11,520	0.01
08/24/2021	17:33:57	78771.14	394723.30	40.47	Soil	13,800	1.61
08/24/2021	17:33:58	78771.04	394723.42	40.44	Soil	12,300	0.55
08/24/2021	17:33:59	78771.13	394723.36	40.39	Soil	12,600	0.76
08/24/2021	17:34:00	78770.66	394723.11	40.06	Soil	13,080	1.10
08/24/2021	17:34:01	78769.11	394722.68	38.95	Soil	11,580	0.05
08/24/2021	17:34:02	78767.97	394722.21	38.90	Soil	10,260	-0.88
08/24/2021	17:34:03	78767.96	394721.91	39.18	Soil	10,320	-0.84
08/24/2021	17:34:04	78768.16	394721.70	39.32	Soil	12,360	0.60
08/24/2021	17:34:05	78768.33	394721.76	39.92	Soil	11,640	0.09
08/24/2021	17:34:06	78768.48	394721.75	39.95	Soil	10,740	-0.54
08/24/2021	17:34:07	78768.59	394721.72	39.80	Soil	12,060	0.39
08/24/2021	17:34:08	78768.70	394721.73	39.64	Soil	10,680	-0.58
08/24/2021	17:34:09	78768.79	394721.63	39.67	Soil	10,620	-0.62
08/24/2021	17:34:10	78768.85	394721.60	39.82	Soil	11,820	0.22
08/24/2021	17:34:11	78768.87	394721.61	39.74	Soil	11,640	0.09
08/24/2021	17:34:12	78768.88	394721.58	39.61	Soil	10,440	-0.75
08/24/2021	17:34:13	78768.93	394721.71	39.56	Soil	12,780	0.89
08/24/2021	17:34:14	78769.02	394721.93	39.59	Soil	12,240	0.51
08/24/2021	17:34:15	78769.10	394722.12	39.57	Soil	11,580	0.05
08/24/2021	17:34:16	78769.24	394722.20	40.18	Soil	11,640	0.09
08/24/2021	17:34:17	78769.51	394722.18	40.51	Soil	12,000	0.34
08/24/2021	17:34:18	78770.01	394722.38	41.16	Soil	11,100	-0.29
08/24/2021	17:34:19	78770.36	394722.35	41.20	Soil	13,380	1.31
08/24/2021	17:34:20	78770.21	394722.51	41.18	Soil	12,060	0.39
08/24/2021	17:34:21	78770.06	394722.52	41.07	Soil	11,100	-0.29
08/24/2021	17:34:22	78770.22	394722.63	41.28	Soil	12,180	0.47
08/24/2021	17:34:23	78770.20	394722.86	41.19	Soil	11,280	-0.16
08/24/2021	17:34:24	78770.28	394723.01	40.90	Soil	11,220	-0.20
08/24/2021	17:34:25	78770.43	394723.03	40.51	Soil	11,040	-0.33
08/24/2021	17:34:26	78770.67	394723.03	39.84	Soil	12,360	0.60
08/24/2021	17:34:27	78770.56	394723.09	39.75	Soil	13,200	1.19
08/24/2021	17:34:28	78770.78	394722.93	39.69	Soil	11,100	-0.29
08/24/2021	17:34:29	78770.84	394722.96	39.73	Soil	10,560	-0.67
08/24/2021	17:34:30	78770.70	394723.04	39.67	Soil	10,500	-0.71
08/24/2021	17:34:31	78770.86	394722.90	39.73	Soil	10,800	-0.50
08/24/2021	17:34:32	78770.84	394722.98	39.73	Soil	13,080	1.10

SU 7D GWS RESULTS
(SOIL)

08/24/2021	17:34:33	78770.84	394722.98	39.75	Soil	11,640	0.09
08/24/2021	17:34:34	78770.75	394722.95	39.73	Soil	11,280	-0.16
08/24/2021	17:34:35	78770.84	394723.01	39.71	Soil	11,520	0.01
08/24/2021	17:34:36	78770.87	394723.05	39.69	Soil	12,360	0.60
08/24/2021	17:34:37	78770.86	394723.04	39.67	Soil	11,760	0.18
08/24/2021	17:34:38	78770.90	394723.07	39.66	Soil	11,760	0.18
08/24/2021	17:34:39	78770.91	394723.05	39.63	Soil	11,640	0.09
08/24/2021	17:35:26	78771.69	394723.63	38.46	Soil	12,300	0.55
08/24/2021	17:35:27	78771.73	394723.60	38.35	Soil	11,340	-0.12
08/24/2021	17:35:28	78771.86	394723.44	38.31	Soil	10,980	-0.37
08/24/2021	17:35:29	78771.82	394723.35	38.27	Soil	11,460	-0.04
08/24/2021	17:35:30	78771.51	394723.55	38.20	Soil	12,420	0.64
08/24/2021	17:35:31	78771.41	394723.44	38.17	Soil	11,760	0.18
08/24/2021	17:35:32	78771.51	394723.16	38.14	Soil	10,080	-1.00
08/24/2021	17:35:33	78771.40	394723.22	38.11	Soil	10,260	-0.88
08/24/2021	17:35:34	78771.14	394723.43	38.11	Soil	10,860	-0.46
08/24/2021	17:35:35	78771.12	394723.31	38.06	Soil	11,760	0.18
08/24/2021	17:35:36	78771.36	394723.01	38.04	Soil	10,860	-0.46
08/24/2021	17:35:37	78771.33	394723.06	38.01	Soil	11,760	0.18
08/24/2021	17:35:38	78771.01	394723.30	38.02	Soil	12,840	0.93
08/24/2021	17:35:39	78770.88	394723.33	37.98	Soil	11,460	-0.04
08/24/2021	17:35:40	78771.13	394722.94	37.96	Soil	11,580	0.05
08/24/2021	17:35:41	78771.20	394722.80	37.98	Soil	11,820	0.22
08/24/2021	17:35:42	78771.03	394722.68	38.23	Soil	12,900	0.98
08/24/2021	17:35:43	78770.66	394722.79	38.31	Soil	10,800	-0.50
08/24/2021	17:35:44	78770.33	394722.99	38.32	Soil	11,460	-0.04
08/24/2021	17:35:45	78770.30	394722.84	38.32	Soil	11,640	0.09
08/24/2021	17:35:46	78770.47	394722.49	38.31	Soil	11,040	-0.33
08/24/2021	17:35:47	78770.54	394722.35	38.31	Soil	10,860	-0.46
08/24/2021	17:35:48	78770.34	394722.51	38.34	Soil	11,760	0.18
08/24/2021	17:35:49	78770.10	394722.71	38.34	Soil	13,020	1.06
08/24/2021	17:35:50	78770.09	394722.74	38.33	Soil	10,920	-0.41
08/24/2021	17:35:51	78770.11	394722.76	38.31	Soil	10,620	-0.62
08/24/2021	17:35:52	78769.98	394722.90	38.31	Soil	10,380	-0.79
08/24/2021	17:35:53	78770.01	394722.82	38.31	Soil	11,160	-0.25
08/24/2021	17:35:54	78770.27	394722.44	38.38	Soil	11,280	-0.16
08/24/2021	17:35:55	78770.35	394722.23	38.45	Soil	12,060	0.39
08/24/2021	17:35:56	78770.01	394722.21	38.57	Soil	10,260	-0.88
08/24/2021	17:35:57	78769.64	394722.34	38.59	Soil	11,700	0.13
08/24/2021	17:35:58	78769.48	394722.50	38.58	Soil	11,880	0.26
08/24/2021	17:35:59	78769.54	394722.43	38.56	Soil	12,180	0.47
08/24/2021	17:36:00	78769.68	394722.17	38.54	Soil	13,560	1.44
08/24/2021	17:36:01	78769.91	394721.95	38.50	Soil	9,540	-1.38
08/24/2021	17:36:02	78769.72	394722.03	38.55	Soil	11,700	0.13
08/24/2021	17:36:03	78769.42	394722.23	38.56	Soil	11,940	0.30
08/24/2021	17:36:04	78769.30	394722.12	38.58	Soil	12,300	0.55
08/24/2021	17:36:05	78769.42	394721.77	38.62	Soil	10,920	-0.41
08/24/2021	17:36:06	78769.41	394721.75	38.60	Soil	11,760	0.18
08/24/2021	17:36:07	78769.18	394722.05	38.60	Soil	12,900	0.98
08/24/2021	17:36:08	78769.04	394722.21	38.55	Soil	11,820	0.22
08/24/2021	17:36:09	78769.10	394721.97	38.56	Soil	12,900	0.98

SU 7D GWS RESULTS
(SOIL)

08/24/2021	17:36:10	78769.25	394721.69	38.59	Soil	12,840	0.93
08/24/2021	17:36:11	78769.04	394721.76	38.61	Soil	10,920	-0.41
08/24/2021	17:36:12	78768.85	394721.79	38.64	Soil	12,180	0.47
08/24/2021	17:36:13	78768.73	394722.37	38.74	Soil	11,160	-0.25
08/24/2021	17:36:14	78768.76	394722.80	38.84	Soil	13,980	1.73
08/24/2021	17:36:15	78768.70	394722.83	38.91	Soil	11,460	-0.04
08/24/2021	17:36:16	78768.79	394722.80	38.99	Soil	12,060	0.39
08/24/2021	17:36:17	78768.82	394722.70	39.07	Soil	11,340	-0.12
08/24/2021	17:36:18	78769.03	394722.43	39.17	Soil	12,240	0.51
08/24/2021	17:36:19	78769.11	394722.27	39.25	Soil	11,340	-0.12
08/24/2021	17:36:20	78769.12	394722.22	39.28	Soil	10,620	-0.62
08/24/2021	17:36:21	78769.00	394722.38	39.28	Soil	10,380	-0.79
08/24/2021	17:36:22	78768.78	394722.71	39.32	Soil	11,400	-0.08
08/24/2021	17:36:23	78768.82	394722.74	39.35	Soil	12,480	0.68
08/24/2021	17:36:24	78769.08	394722.54	39.38	Soil	11,760	0.18
08/24/2021	17:36:25	78769.17	394722.58	39.37	Soil	11,580	0.05
08/24/2021	17:36:26	78769.04	394722.86	39.38	Soil	11,280	-0.16
08/24/2021	17:36:27	78769.06	394722.87	39.44	Soil	12,720	0.85
08/24/2021	17:36:28	78769.35	394722.68	39.38	Soil	10,500	-0.71
08/24/2021	17:36:29	78769.52	394722.62	39.36	Soil	12,120	0.43
08/24/2021	17:36:30	78769.47	394722.82	39.38	Soil	12,120	0.43
08/24/2021	17:36:31	78769.37	394722.96	39.39	Soil	12,540	0.72
08/24/2021	17:36:32	78769.27	394723.11	39.42	Soil	13,500	1.40
08/24/2021	17:36:33	78769.31	394723.13	39.47	Soil	12,600	0.76
08/24/2021	17:36:34	78769.55	394723.01	39.49	Soil	11,460	-0.04
08/24/2021	17:36:35	78769.73	394722.86	39.52	Soil	11,580	0.05
08/24/2021	17:36:36	78769.91	394722.60	39.50	Soil	11,940	0.30
08/24/2021	17:36:37	78769.82	394722.32	39.51	Soil	10,800	-0.50
08/24/2021	17:36:38	78769.78	394722.30	39.55	Soil	12,480	0.68
08/24/2021	17:36:39	78769.89	394722.47	39.55	Soil	10,260	-0.88
08/24/2021	17:36:40	78769.80	394722.85	39.56	Soil	11,340	-0.12
08/24/2021	17:36:41	78769.58	394723.20	39.54	Soil	10,980	-0.37
08/24/2021	17:36:42	78769.61	394723.29	39.55	Soil	11,100	-0.29
08/24/2021	17:36:43	78769.63	394723.14	39.55	Soil	12,840	0.93
08/24/2021	17:36:44	78769.66	394723.13	39.66	Soil	11,040	-0.33
08/24/2021	17:36:45	78769.60	394723.07	39.54	Soil	11,580	0.05
08/24/2021	17:36:46	78769.58	394723.07	39.54	Soil	12,480	0.68
08/24/2021	17:36:47	78769.60	394723.10	39.57	Soil	10,740	-0.54
08/24/2021	17:36:48	78769.64	394723.22	39.60	Soil	11,400	-0.08
08/24/2021	17:36:49	78769.72	394723.25	39.59	Soil	10,560	-0.67
08/24/2021	17:36:50	78769.57	394723.11	39.58	Soil	11,580	0.05
08/24/2021	17:36:51	78769.56	394723.10	39.59	Soil	12,780	0.89
08/24/2021	17:36:52	78769.51	394723.25	39.63	Soil	12,120	0.43
08/24/2021	17:36:53	78769.58	394723.18	39.63	Soil	13,860	1.65
08/24/2021	17:36:54	78769.86	394722.96	39.67	Soil	12,960	1.02
08/24/2021	17:36:55	78769.90	394722.93	39.67	Soil	11,220	-0.20
08/24/2021	17:36:56	78769.94	394722.86	39.67	Soil	12,960	1.02
08/24/2021	17:36:57	78770.09	394722.72	39.64	Soil	9,480	-1.42
08/24/2021	17:36:58	78770.07	394722.77	39.62	Soil	13,260	1.23
08/24/2021	17:36:59	78769.85	394723.18	39.64	Soil	10,800	-0.50
08/24/2021	17:37:00	78769.66	394723.43	39.63	Soil	11,940	0.30

SU 7D GWS RESULTS
(SOIL)

08/24/2021	17:37:01	78769.86	394723.37	39.67	Soil	11,700	0.13
08/24/2021	17:37:02	78770.15	394723.20	39.68	Soil	13,560	1.44
08/24/2021	17:37:03	78770.30	394723.13	39.65	Soil	10,740	-0.54
08/24/2021	17:37:04	78770.20	394723.39	39.67	Soil	11,040	-0.33
08/24/2021	17:37:05	78770.11	394723.62	39.69	Soil	10,680	-0.58
08/24/2021	17:37:06	78770.23	394723.55	39.71	Soil	10,680	-0.58
08/24/2021	17:37:07	78770.46	394723.31	39.69	Soil	11,160	-0.25
08/24/2021	17:37:08	78770.59	394723.15	39.72	Soil	10,200	-0.92
08/24/2021	17:37:09	78770.55	394723.33	39.66	Soil	10,800	-0.50
08/24/2021	17:37:10	78770.42	394723.65	39.67	Soil	12,840	0.93
08/24/2021	17:37:11	78770.42	394723.85	39.76	Soil	9,660	-1.30
08/24/2021	17:37:12	78770.68	394723.70	39.80	Soil	10,620	-0.62
08/24/2021	17:37:13	78770.88	394723.52	39.80	Soil	12,300	0.55
08/24/2021	17:37:14	78770.86	394723.70	39.80	Soil	12,180	0.47
08/24/2021	17:37:15	78770.68	394724.01	39.85	Soil	11,100	-0.29
08/24/2021	17:37:16	78770.86	394723.94	39.88	Soil	12,900	0.98
08/24/2021	17:37:17	78771.09	394723.73	39.94	Soil	12,840	0.93
08/24/2021	17:37:18	78771.11	394723.94	40.03	Soil	10,920	-0.41
08/24/2021	17:37:19	78771.06	394724.14	40.08	Soil	10,980	-0.37
08/24/2021	17:37:20	78771.36	394723.98	40.09	Soil	12,480	0.68
08/24/2021	17:37:21	78771.42	394723.94	40.02	Soil	11,100	-0.29
08/24/2021	17:37:22	78771.38	394724.11	39.99	Soil	11,220	-0.20
08/24/2021	17:37:23	78771.23	394724.34	40.00	Soil	12,360	0.60
08/24/2021	17:37:24	78771.50	394724.19	39.89	Soil	11,820	0.22
08/24/2021	17:37:25	78771.77	394724.08	39.84	Soil	11,400	-0.08
08/24/2021	17:37:26	78771.70	394724.35	39.79	Soil	12,060	0.39
08/24/2021	17:37:27	78771.55	394724.53	39.80	Soil	11,820	0.22
08/24/2021	17:37:28	78771.76	394724.37	39.80	Soil	12,120	0.43
08/24/2021	17:37:29	78771.97	394724.27	39.81	Soil	11,400	-0.08
08/24/2021	17:37:30	78772.04	394724.44	39.83	Soil	11,040	-0.33
08/24/2021	17:37:31	78771.97	394724.64	39.80	Soil	12,900	0.98
08/24/2021	17:37:32	78772.03	394724.66	39.79	Soil	12,960	1.02
08/24/2021	17:37:33	78772.25	394724.55	39.73	Soil	12,240	0.51
08/24/2021	17:37:34	78772.47	394724.43	39.68	Soil	12,060	0.39
08/24/2021	17:37:35	78772.50	394724.60	39.63	Soil	10,800	-0.50
08/24/2021	17:37:36	78772.40	394724.81	39.62	Soil	12,060	0.39
08/24/2021	17:37:37	78772.42	394724.82	39.60	Soil	12,240	0.51
08/24/2021	17:37:38	78772.62	394724.70	39.53	Soil	12,540	0.72
08/24/2021	17:37:39	78772.61	394725.02	39.52	Soil	11,040	-0.33
08/24/2021	17:37:40	78772.54	394725.17	39.51	Soil	12,000	0.34
08/24/2021	17:37:41	78772.78	394724.90	39.47	Soil	11,640	0.09
08/24/2021	17:37:42	78773.04	394724.77	39.41	Soil	12,600	0.76
08/24/2021	17:37:43	78773.17	394725.00	39.40	Soil	11,100	-0.29
08/24/2021	17:37:44	78773.19	394725.07	39.35	Soil	11,460	-0.04
08/24/2021	17:37:45	78773.28	394724.81	39.54	Soil	11,700	0.13
08/24/2021	17:37:46	78773.09	394724.40	39.52	Soil	12,660	0.81
08/24/2021	17:37:47	78772.78	394724.25	39.44	Soil	12,420	0.64
08/24/2021	17:37:48	78772.80	394724.29	39.47	Soil	12,900	0.98
08/24/2021	17:37:49	78772.88	394724.22	39.46	Soil	11,280	-0.16
08/24/2021	17:37:50	78772.97	394724.11	39.47	Soil	10,260	-0.88
08/24/2021	17:37:51	78772.86	394724.21	39.45	Soil	12,060	0.39

SU 7D GWS RESULTS
(SOIL)

08/24/2021	17:37:52	78772.70	394724.45	39.47	Soil	12,060	0.39
08/24/2021	17:37:53	78772.57	394724.63	39.46	Soil	12,420	0.64
08/24/2021	17:37:54	78772.54	394724.60	39.41	Soil	12,000	0.34
08/24/2021	17:37:55	78772.55	394724.47	39.46	Soil	12,120	0.43
08/24/2021	17:37:56	78772.54	394724.45	39.40	Soil	11,640	0.09
08/24/2021	17:37:57	78772.66	394724.43	39.42	Soil	11,580	0.05
08/24/2021	17:37:58	78772.60	394724.58	39.43	Soil	10,260	-0.88
08/24/2021	17:37:59	78772.59	394724.71	39.45	Soil	12,480	0.68
08/24/2021	17:38:00	78772.61	394724.81	39.46	Soil	10,620	-0.62
08/24/2021	17:38:01	78772.59	394724.83	39.43	Soil	12,240	0.51
08/24/2021	17:38:02	78772.49	394724.94	39.46	Soil	10,440	-0.75
08/24/2021	17:38:03	78772.85	394725.20	39.36	Soil	11,340	-0.12
08/24/2021	17:38:04	78773.01	394725.21	39.35	Soil	11,580	0.05
08/24/2021	17:38:05	78773.06	394725.33	39.31	Soil	11,880	0.26
08/24/2021	17:38:06	78773.07	394725.47	39.27	Soil	10,860	-0.46
08/24/2021	17:38:07	78773.11	394725.50	39.23	Soil	11,580	0.05
08/24/2021	17:38:08	78773.03	394725.58	39.25	Soil	12,360	0.60
08/24/2021	17:38:09	78773.02	394725.74	39.22	Soil	11,340	-0.12
08/24/2021	17:38:10	78772.84	394725.88	39.17	Soil	10,260	-0.88
08/24/2021	17:38:11	78772.89	394725.91	39.12	Soil	12,240	0.51
08/24/2021	17:38:12	78772.98	394725.78	39.08	Soil	11,340	-0.12
08/24/2021	17:38:13	78773.10	394725.74	39.06	Soil	11,220	-0.20
08/24/2021	17:38:14	78773.29	394725.76	39.02	Soil	10,080	-1.00
08/24/2021	17:38:19	78773.42	394725.38	38.98	Soil	11,340	-0.12
08/24/2021	17:38:20	78773.41	394725.23	38.99	Soil	12,600	0.76
08/24/2021	17:38:21	78773.37	394725.38	38.98	Soil	11,160	-0.25
08/24/2021	17:38:22	78773.37	394725.31	38.97	Soil	13,260	1.23
08/24/2021	17:38:24	78773.43	394725.57	38.93	Soil	11,640	0.09
08/24/2021	17:38:25	78773.27	394725.81	38.91	Soil	11,040	-0.33
08/24/2021	17:38:26	78773.24	394725.90	38.87	Soil	12,120	0.43
08/24/2021	17:38:27	78773.23	394725.93	38.85	Soil	12,780	0.89
08/24/2021	17:38:28	78773.19	394725.99	38.83	Soil	12,420	0.64
08/24/2021	17:38:29	78773.03	394726.07	38.77	Soil	12,240	0.51
08/24/2021	17:38:30	78773.15	394725.92	38.80	Soil	12,780	0.89
08/24/2021	17:38:31	78773.21	394725.85	38.81	Soil	11,160	-0.25
08/24/2021	17:38:32	78773.06	394726.09	38.75	Soil	10,200	-0.92
08/24/2021	17:38:33	78773.03	394726.03	38.73	Soil	11,940	0.30
08/24/2021	17:38:34	78773.19	394725.80	38.84	Soil	12,120	0.43
08/24/2021	17:38:35	78772.98	394725.99	38.79	Soil	11,040	-0.33
08/24/2021	17:38:36	78772.90	394726.03	38.78	Soil	10,920	-0.41
08/24/2021	17:38:37	78773.10	394725.81	38.84	Soil	11,940	0.30
08/24/2021	17:38:38	78773.03	394725.85	38.84	Soil	12,120	0.43
08/24/2021	17:38:39	78772.85	394726.01	38.78	Soil	10,920	-0.41
08/24/2021	17:38:40	78772.96	394725.84	38.82	Soil	10,380	-0.79
08/24/2021	17:38:41	78773.02	394725.77	38.78	Soil	10,620	-0.62
08/24/2021	17:38:42	78772.78	394725.96	38.76	Soil	10,440	-0.75
08/24/2021	17:38:43	78772.63	394726.14	38.67	Soil	12,120	0.43
08/24/2021	17:38:44	78772.77	394725.88	38.68	Soil	13,320	1.27
08/24/2021	17:38:45	78772.88	394725.67	38.68	Soil	10,800	-0.50
08/24/2021	17:38:46	78772.75	394725.76	38.66	Soil	12,600	0.76
08/24/2021	17:38:47	78772.55	394726.05	38.62	Soil	11,580	0.05

SU 7D GWS RESULTS
(SOIL)

08/24/2021	17:38:48	78772.49	394726.10	38.56	Soil	11,460	-0.04
08/24/2021	17:38:49	78772.62	394725.79	38.55	Soil	10,740	-0.54
08/24/2021	17:38:50	78772.71	394725.70	38.53	Soil	10,020	-1.05
08/24/2021	17:38:51	78772.53	394725.96	38.49	Soil	11,700	0.13
08/24/2021	17:38:52	78772.41	394725.98	38.44	Soil	12,960	1.02
08/24/2021	17:38:53	78772.52	394725.73	38.46	Soil	12,540	0.72
08/24/2021	17:38:54	78772.64	394725.55	38.42	Soil	11,280	-0.16
08/24/2021	17:38:55	78772.56	394725.68	38.40	Soil	11,640	0.09
08/24/2021	17:38:56	78772.38	394725.99	38.35	Soil	13,020	1.06
08/24/2021	17:38:57	78772.27	394726.11	38.31	Soil	11,520	0.01
08/24/2021	17:38:58	78772.41	394725.82	38.32	Soil	11,640	0.09
08/24/2021	17:38:59	78772.65	394725.54	38.28	Soil	11,700	0.13
08/24/2021	17:39:00	78772.85	394725.41	38.29	Soil	11,640	0.09
08/24/2021	17:39:01	78773.03	394725.48	38.26	Soil	11,880	0.26
08/24/2021	17:39:02	78772.99	394725.56	38.22	Soil	11,700	0.13
08/24/2021	17:39:03	78772.91	394725.47	38.24	Soil	11,640	0.09
08/24/2021	17:39:04	78772.93	394725.53	38.27	Soil	12,240	0.51
08/24/2021	17:39:05	78772.81	394725.54	38.27	Soil	12,420	0.64
08/24/2021	17:39:06	78772.65	394725.69	38.29	Soil	11,520	0.01
08/24/2021	17:39:07	78772.46	394725.87	38.26	Soil	12,240	0.51
08/24/2021	17:39:08	78772.30	394725.99	38.24	Soil	12,480	0.68
08/24/2021	17:39:09	78772.30	394725.87	38.24	Soil	11,400	-0.08
08/24/2021	17:39:10	78772.45	394725.62	38.24	Soil	11,760	0.18
08/24/2021	17:39:11	78772.62	394725.47	38.23	Soil	12,420	0.64
08/24/2021	17:39:12	78772.57	394725.53	38.27	Soil	11,160	-0.25
08/24/2021	17:39:13	78772.33	394725.69	38.26	Soil	13,440	1.35
08/24/2021	17:39:14	78772.17	394725.88	38.22	Soil	11,100	-0.29
08/24/2021	17:39:15	78772.10	394725.85	38.21	Soil	10,560	-0.67
08/24/2021	17:39:16	78772.13	394725.67	38.21	Soil	11,760	0.18
08/24/2021	17:39:17	78772.23	394725.47	38.18	Soil	11,880	0.26
08/24/2021	17:39:18	78772.36	394725.31	38.12	Soil	11,280	-0.16
08/24/2021	17:39:19	78772.40	394725.36	38.15	Soil	11,100	-0.29
08/24/2021	17:39:20	78772.29	394725.45	38.18	Soil	12,120	0.43
08/24/2021	17:39:21	78772.16	394725.62	38.17	Soil	12,660	0.81
08/24/2021	17:39:22	78772.02	394725.80	38.16	Soil	12,540	0.72
08/24/2021	17:39:23	78771.88	394725.91	38.14	Soil	10,140	-0.96
08/24/2021	17:39:24	78771.96	394725.77	38.12	Soil	14,520	2.11
08/24/2021	17:39:25	78771.97	394725.56	38.23	Soil	11,820	0.22
08/24/2021	17:40:57	78772.30	394724.99	39.34	Soil	11,340	-0.12
08/24/2021	17:40:58	78772.30	394724.99	39.29	Soil	10,260	-0.88
08/24/2021	17:40:59	78772.05	394725.14	39.28	Soil	11,520	0.01
08/24/2021	17:41:00	78772.03	394725.17	39.25	Soil	11,820	0.22
08/24/2021	17:41:01	78772.12	394724.99	39.25	Soil	11,160	-0.25
08/24/2021	17:41:02	78772.19	394724.87	39.19	Soil	10,440	-0.75
08/24/2021	17:41:03	78772.00	394725.05	39.16	Soil	11,340	-0.12
08/24/2021	17:41:04	78771.79	394725.21	39.14	Soil	12,600	0.76
08/24/2021	17:41:05	78771.80	394725.06	39.13	Soil	12,720	0.85
08/24/2021	17:41:06	78771.82	394724.94	39.11	Soil	13,920	1.69
08/24/2021	17:41:07	78771.64	394725.20	39.11	Soil	12,300	0.55
08/24/2021	17:41:08	78771.56	394725.21	39.11	Soil	11,760	0.18
08/24/2021	17:41:09	78771.60	394725.05	39.12	Soil	13,800	1.61

SU 7D GWS RESULTS
(SOIL)

08/24/2021	17:41:10	78771.56	394725.07	39.10	Soil	12,180	0.47
08/24/2021	17:41:11	78771.46	394725.33	39.07	Soil	11,880	0.26
08/24/2021	17:41:12	78771.52	394725.28	39.07	Soil	12,120	0.43
08/24/2021	17:41:13	78771.62	394725.07	39.03	Soil	12,420	0.64
08/24/2021	17:41:14	78771.72	394724.85	39.01	Soil	11,940	0.30
08/24/2021	17:41:15	78771.84	394724.68	38.98	Soil	12,960	1.02
08/24/2021	17:41:16	78771.85	394724.71	38.92	Soil	11,760	0.18
08/24/2021	17:41:17	78771.63	394724.97	38.91	Soil	11,640	0.09
08/24/2021	17:41:18	78771.41	394725.09	38.95	Soil	12,720	0.85
08/24/2021	17:41:19	78771.36	394724.83	38.97	Soil	12,720	0.85
08/24/2021	17:41:20	78771.39	394724.63	38.94	Soil	11,100	-0.29
08/24/2021	17:41:21	78771.42	394724.58	38.89	Soil	11,940	0.30
08/24/2021	17:41:22	78771.29	394724.63	38.80	Soil	11,340	-0.12
08/24/2021	17:41:23	78771.11	394724.99	38.75	Soil	11,700	0.13
08/24/2021	17:41:24	78771.09	394725.24	38.76	Soil	13,800	1.61
08/24/2021	17:41:25	78771.06	394725.27	38.75	Soil	12,480	0.68
08/24/2021	17:41:26	78771.03	394725.12	38.74	Soil	10,740	-0.54
08/24/2021	17:41:27	78771.06	394724.87	38.73	Soil	10,740	-0.54
08/24/2021	17:41:28	78771.13	394724.66	38.73	Soil	12,000	0.34
08/24/2021	17:41:29	78771.16	394724.52	38.71	Soil	10,200	-0.92
08/24/2021	17:41:30	78771.08	394724.64	38.67	Soil	11,640	0.09
08/24/2021	17:41:31	78770.89	394724.93	38.65	Soil	14,100	1.82
08/24/2021	17:41:32	78770.80	394725.12	38.69	Soil	12,360	0.60
08/24/2021	17:41:33	78770.77	394725.10	38.70	Soil	11,220	-0.20
08/24/2021	17:41:34	78770.81	394724.84	38.68	Soil	12,060	0.39
08/24/2021	17:41:35	78770.89	394724.64	38.67	Soil	12,180	0.47
08/24/2021	17:41:36	78771.02	394724.47	38.68	Soil	13,560	1.44
08/24/2021	17:41:37	78771.17	394724.37	38.67	Soil	11,460	-0.04
08/24/2021	17:41:38	78771.26	394724.41	38.67	Soil	12,780	0.89
08/24/2021	17:41:39	78771.22	394724.38	38.68	Soil	12,720	0.85
08/24/2021	17:41:40	78771.07	394724.27	38.69	Soil	13,380	1.31
08/24/2021	17:41:41	78770.92	394724.13	38.68	Soil	11,880	0.26
08/24/2021	17:41:42	78770.89	394724.12	38.70	Soil	12,060	0.39
08/24/2021	17:41:43	78770.84	394724.11	38.74	Soil	11,580	0.05
08/24/2021	17:41:44	78770.66	394724.16	38.73	Soil	12,600	0.76
08/24/2021	17:41:45	78770.58	394724.22	38.72	Soil	11,520	0.01
08/24/2021	17:41:46	78770.69	394724.21	38.70	Soil	13,080	1.10
08/24/2021	17:41:47	78770.82	394724.22	38.67	Soil	10,980	-0.37
08/24/2021	17:41:48	78770.91	394724.26	38.65	Soil	10,980	-0.37
08/24/2021	17:41:49	78771.07	394724.35	38.61	Soil	12,180	0.47
08/24/2021	17:41:50	78770.99	394724.56	38.64	Soil	12,480	0.68
08/24/2021	17:41:51	78770.74	394724.72	38.70	Soil	10,080	-1.00
08/24/2021	17:41:52	78770.64	394724.71	38.70	Soil	10,980	-0.37
08/24/2021	17:41:53	78770.76	394724.49	38.69	Soil	12,000	0.34
08/24/2021	17:41:54	78770.93	394724.25	38.68	Soil	12,360	0.60
08/24/2021	17:41:55	78770.92	394724.14	38.66	Soil	12,480	0.68
08/24/2021	17:41:56	78770.71	394724.32	38.70	Soil	12,600	0.76
08/24/2021	17:41:57	78770.50	394724.50	38.68	Soil	12,540	0.72
08/24/2021	17:41:58	78770.32	394724.62	38.68	Soil	12,720	0.85
08/24/2021	17:41:59	78770.34	394724.42	38.67	Soil	11,340	-0.12
08/24/2021	17:42:00	78770.49	394724.19	38.66	Soil	12,420	0.64

SU 7D GWS RESULTS
(SOIL)

08/24/2021	17:42:01	78770.64	394724.00	38.68	Soil	11,760	0.18
08/24/2021	17:42:02	78770.64	394723.98	38.70	Soil	11,580	0.05
08/24/2021	17:42:03	78770.43	394724.22	38.68	Soil	10,620	-0.62
08/24/2021	17:42:04	78770.24	394724.47	38.71	Soil	13,680	1.52
08/24/2021	17:42:05	78770.15	394724.57	38.72	Soil	12,240	0.51
08/24/2021	17:42:06	78770.18	394724.41	38.72	Soil	11,400	-0.08
08/24/2021	17:42:07	78770.28	394724.11	38.74	Soil	12,300	0.55
08/24/2021	17:42:08	78770.47	394723.90	38.72	Soil	10,740	-0.54
08/24/2021	17:42:09	78770.41	394723.97	38.71	Soil	11,340	-0.12
08/24/2021	17:42:10	78770.15	394724.26	38.70	Soil	12,780	0.89
08/24/2021	17:42:11	78769.98	394724.50	38.75	Soil	11,820	0.22
08/24/2021	17:42:12	78769.94	394724.42	38.73	Soil	12,960	1.02
08/24/2021	17:42:13	78770.00	394724.12	38.73	Soil	13,260	1.23
08/24/2021	17:42:14	78770.09	394723.91	38.73	Soil	12,300	0.55
08/24/2021	17:42:15	78770.13	394723.81	38.71	Soil	12,660	0.81
08/24/2021	17:42:16	78770.01	394723.97	38.71	Soil	13,680	1.52
08/24/2021	17:42:17	78769.80	394724.22	38.71	Soil	13,980	1.73
08/24/2021	17:42:18	78769.71	394724.22	38.71	Soil	13,260	1.23
08/24/2021	17:42:19	78769.75	394724.00	38.70	Soil	12,120	0.43
08/24/2021	17:42:20	78769.84	394723.78	38.65	Soil	13,020	1.06
08/24/2021	17:42:21	78769.90	394723.73	38.65	Soil	13,800	1.61
08/24/2021	17:42:22	78769.76	394723.84	38.64	Soil	12,420	0.64
08/24/2021	17:42:23	78769.57	394724.04	38.69	Soil	13,140	1.14
08/24/2021	17:42:24	78769.43	394724.22	38.71	Soil	13,620	1.48
08/24/2021	17:42:25	78769.32	394724.12	38.71	Soil	13,080	1.10
08/24/2021	17:42:26	78769.35	394723.88	38.68	Soil	12,480	0.68
08/24/2021	17:42:27	78769.47	394723.74	38.66	Soil	12,960	1.02
08/24/2021	17:42:28	78769.35	394723.88	38.66	Soil	11,220	-0.20
08/24/2021	17:42:29	78769.11	394724.12	38.67	Soil	12,060	0.39
08/24/2021	17:42:30	78768.99	394724.10	38.68	Soil	14,460	2.07
08/24/2021	17:42:31	78769.09	394723.85	38.64	Soil	11,760	0.18
08/24/2021	17:42:32	78769.25	394723.67	38.63	Soil	12,540	0.72
08/24/2021	17:42:33	78769.23	394723.71	38.64	Soil	13,440	1.35
08/24/2021	17:42:34	78768.92	394723.95	38.67	Soil	12,300	0.55
08/24/2021	17:42:35	78768.64	394724.14	38.67	Soil	11,880	0.26
08/24/2021	17:42:36	78768.50	394724.06	38.68	Soil	11,160	-0.25
08/24/2021	17:42:37	78768.55	394723.80	38.70	Soil	11,700	0.13
08/24/2021	17:42:38	78768.63	394723.64	38.73	Soil	10,680	-0.58
08/24/2021	17:42:39	78768.48	394723.76	38.75	Soil	11,760	0.18
08/24/2021	17:42:40	78768.22	394724.01	38.72	Soil	12,720	0.85
08/24/2021	17:42:41	78768.08	394724.02	38.73	Soil	12,120	0.43
08/24/2021	17:42:42	78768.15	394723.72	38.76	Soil	11,940	0.30
08/24/2021	17:42:43	78768.31	394723.49	38.78	Soil	11,760	0.18
08/24/2021	17:42:44	78768.45	394723.39	38.85	Soil	13,200	1.19
08/24/2021	17:42:45	78768.57	394723.34	38.92	Soil	13,020	1.06
08/24/2021	17:42:46	78768.80	394723.37	38.91	Soil	11,100	-0.29
08/24/2021	17:42:47	78768.90	394723.55	38.96	Soil	11,760	0.18
08/24/2021	17:42:48	78769.02	394723.53	39.00	Soil	12,540	0.72
08/24/2021	17:42:49	78768.97	394723.38	39.00	Soil	11,040	-0.33
08/24/2021	17:42:50	78768.78	394723.32	39.01	Soil	14,100	1.82
08/24/2021	17:42:51	78768.61	394723.32	39.02	Soil	13,020	1.06

SU 7D GWS RESULTS
(SOIL)

08/24/2021	17:42:52	78768.36	394723.46	39.05	Soil	12,600	0.76
08/24/2021	17:42:53	78768.15	394723.68	39.03	Soil	12,300	0.55
08/24/2021	17:42:54	78768.18	394723.57	39.06	Soil	12,900	0.98
08/24/2021	17:42:55	78768.41	394723.31	39.04	Soil	12,420	0.64
08/24/2021	17:42:56	78768.63	394723.14	39.03	Soil	12,300	0.55
08/24/2021	17:42:57	78768.71	394723.05	39.04	Soil	12,060	0.39
08/24/2021	17:42:58	78768.65	394723.05	39.09	Soil	11,820	0.22
08/24/2021	17:42:59	78768.41	394723.14	39.14	Soil	12,720	0.85
08/24/2021	17:43:00	78768.08	394723.27	39.15	Soil	12,480	0.68
08/24/2021	17:43:01	78767.96	394723.23	39.17	Soil	12,120	0.43
08/24/2021	17:43:02	78768.11	394723.05	39.16	Soil	14,280	1.94
08/24/2021	17:43:03	78768.22	394722.94	39.18	Soil	11,880	0.26
08/24/2021	17:43:04	78768.29	394722.89	39.18	Soil	13,860	1.65
08/24/2021	17:43:05	78768.19	394722.99	39.16	Soil	14,460	2.07
08/24/2021	17:43:06	78767.89	394723.24	39.16	Soil	13,740	1.56
08/24/2021	17:43:07	78767.65	394723.54	39.16	Soil	12,240	0.51
08/24/2021	17:43:08	78767.55	394723.73	39.18	Soil	12,300	0.55
08/24/2021	17:43:09	78767.54	394723.66	39.16	Soil	13,320	1.27
08/24/2021	17:43:10	78767.64	394723.38	39.19	Soil	12,240	0.51
08/24/2021	17:43:11	78767.83	394722.98	39.20	Soil	13,260	1.23
08/24/2021	17:43:12	78767.92	394722.73	39.21	Soil	14,160	1.86
08/24/2021	17:43:13	78768.00	394722.52	39.23	Soil	13,560	1.44
08/24/2021	17:43:14	78768.01	394722.47	39.23	Soil	12,780	0.89
08/24/2021	17:43:15	78767.96	394722.61	39.26	Soil	11,400	-0.08
08/24/2021	17:43:16	78767.82	394723.08	39.32	Soil	12,780	0.89
08/24/2021	17:43:17	78767.88	394723.51	39.28	Soil	12,420	0.64
08/24/2021	17:43:18	78768.14	394723.55	39.24	Soil	12,360	0.60
08/24/2021	17:43:19	78768.15	394723.57	39.22	Soil	11,640	0.09
08/24/2021	17:43:20	78768.22	394723.49	39.25	Soil	10,320	-0.84
08/24/2021	17:43:21	78768.17	394723.51	39.27	Soil	12,000	0.34
08/24/2021	17:43:22	78768.08	394723.31	39.35	Soil	13,680	1.52
08/24/2021	17:43:23	78768.05	394722.85	39.32	Soil	11,340	-0.12
08/24/2021	17:43:24	78768.15	394722.67	39.33	Soil	11,160	-0.25
08/24/2021	17:43:25	78768.25	394722.67	39.33	Soil	13,140	1.14
08/24/2021	17:43:26	78768.34	394722.57	39.36	Soil	12,420	0.64
08/24/2021	17:43:27	78768.55	394722.61	39.38	Soil	11,880	0.26
08/24/2021	17:43:28	78768.69	394722.69	39.39	Soil	13,320	1.27
08/24/2021	17:43:29	78768.78	394722.56	39.41	Soil	11,520	0.01
08/24/2021	17:43:30	78768.82	394722.46	39.44	Soil	11,700	0.13
08/24/2021	17:43:31	78768.79	394722.48	39.45	Soil	11,400	-0.08
08/24/2021	17:43:32	78768.70	394722.58	39.46	Soil	13,140	1.14
08/24/2021	17:43:33	78768.53	394722.71	39.46	Soil	13,500	1.40
08/24/2021	17:43:34	78768.28	394722.90	39.50	Soil	10,920	-0.41
08/24/2021	17:43:35	78768.11	394722.94	39.49	Soil	13,140	1.14
08/24/2021	17:43:36	78767.96	394722.98	39.50	Soil	12,900	0.98
08/24/2021	17:43:37	78767.85	394723.10	39.50	Soil	11,580	0.05
08/24/2021	17:43:38	78767.87	394723.17	39.50	Soil	12,120	0.43
08/24/2021	17:43:39	78767.89	394723.28	39.50	Soil	11,760	0.18
08/24/2021	17:43:40	78767.71	394723.37	39.53	Soil	11,520	0.01
08/24/2021	17:43:41	78767.61	394723.43	39.54	Soil	11,040	-0.33
08/24/2021	17:43:42	78767.69	394723.49	39.52	Soil	12,540	0.72

SU 7D GWS RESULTS
(SOIL)

08/24/2021	17:43:43	78767.76	394723.57	39.52	Soil	13,740	1.56
08/24/2021	17:43:44	78767.71	394723.69	39.52	Soil	14,160	1.86
08/24/2021	17:43:45	78767.65	394723.84	39.56	Soil	13,620	1.48
08/24/2021	17:43:46	78767.65	394723.90	39.58	Soil	12,000	0.34
08/24/2021	17:43:47	78767.68	394723.99	39.60	Soil	10,260	-0.88
08/24/2021	17:43:48	78767.66	394724.08	39.61	Soil	14,040	1.78
08/24/2021	17:43:49	78767.65	394724.11	39.61	Soil	12,480	0.68
08/24/2021	17:43:50	78767.62	394724.11	39.64	Soil	12,540	0.72
08/24/2021	17:43:51	78767.57	394724.09	39.64	Soil	13,380	1.31
08/24/2021	17:43:52	78767.61	394724.05	39.63	Soil	12,600	0.76
08/24/2021	17:43:53	78767.60	394724.13	39.63	Soil	13,080	1.10
08/24/2021	17:43:54	78767.51	394724.27	39.66	Soil	11,580	0.05
08/24/2021	17:43:55	78767.57	394724.20	39.66	Soil	14,280	1.94
08/24/2021	17:43:56	78767.83	394723.96	39.69	Soil	12,720	0.85
08/24/2021	17:43:57	78767.97	394723.92	39.62	Soil	11,820	0.22
08/24/2021	17:43:58	78767.85	394724.20	39.56	Soil	13,200	1.19
08/24/2021	17:43:59	78767.89	394724.25	39.52	Soil	12,240	0.51
08/24/2021	17:44:00	78768.14	394724.02	39.57	Soil	11,580	0.05
08/24/2021	17:44:01	78768.31	394723.87	39.55	Soil	13,620	1.48
08/24/2021	17:44:02	78768.25	394724.06	39.48	Soil	13,140	1.14
08/24/2021	17:44:03	78768.02	394724.38	39.48	Soil	10,020	-1.05
08/24/2021	17:44:04	78768.00	394724.41	39.49	Soil	11,520	0.01
08/24/2021	17:44:05	78768.25	394724.22	39.54	Soil	12,240	0.51
08/24/2021	17:44:06	78768.30	394724.23	39.52	Soil	12,840	0.93
08/24/2021	17:44:07	78768.10	394724.42	39.53	Soil	12,900	0.98
08/24/2021	17:44:08	78768.16	394724.40	39.56	Soil	10,920	-0.41
08/24/2021	17:44:09	78768.43	394724.25	39.55	Soil	11,460	-0.04
08/24/2021	17:44:10	78768.40	394724.38	39.59	Soil	14,460	2.07
08/24/2021	17:44:11	78768.30	394724.53	39.61	Soil	10,500	-0.71
08/24/2021	17:44:12	78768.54	394724.36	39.65	Soil	12,840	0.93
08/24/2021	17:44:13	78768.73	394724.21	39.62	Soil	11,520	0.01
08/24/2021	17:44:14	78768.66	394724.37	39.62	Soil	13,260	1.23
08/24/2021	17:44:15	78768.48	394724.62	39.60	Soil	12,000	0.34
08/24/2021	17:44:16	78768.47	394724.67	39.64	Soil	11,700	0.13
08/24/2021	17:44:17	78768.76	394724.47	39.62	Soil	12,240	0.51
08/24/2021	17:44:18	78769.02	394724.30	39.66	Soil	11,700	0.13
08/24/2021	17:44:19	78769.08	394724.34	39.64	Soil	13,440	1.35
08/24/2021	17:44:20	78768.95	394724.62	39.63	Soil	13,440	1.35
08/24/2021	17:44:21	78768.80	394724.79	39.64	Soil	11,820	0.22
08/24/2021	17:44:22	78768.70	394724.81	39.67	Soil	11,700	0.13
08/24/2021	17:44:23	78768.74	394724.79	39.71	Soil	12,360	0.60
08/24/2021	17:44:24	78768.95	394724.66	39.71	Soil	11,640	0.09
08/24/2021	17:44:25	78769.18	394724.49	39.72	Soil	11,460	-0.04
08/24/2021	17:44:26	78769.30	394724.37	39.73	Soil	14,280	1.94
08/24/2021	17:44:27	78769.33	394724.36	39.71	Soil	13,320	1.27
08/24/2021	17:44:28	78769.26	394724.63	39.72	Soil	12,780	0.89
08/24/2021	17:44:29	78769.08	394724.88	39.75	Soil	13,260	1.23
08/24/2021	17:44:30	78768.94	394724.95	39.78	Soil	10,440	-0.75
08/24/2021	17:44:31	78769.07	394724.88	39.77	Soil	10,560	-0.67
08/24/2021	17:44:32	78769.36	394724.70	39.78	Soil	12,420	0.64
08/24/2021	17:44:33	78769.59	394724.57	39.77	Soil	11,880	0.26

SU 7D GWS RESULTS
(SOIL)

08/24/2021	17:44:34	78769.75	394724.42	39.76	Soil	12,240	0.51
08/24/2021	17:44:35	78769.68	394724.52	39.75	Soil	13,260	1.23
08/24/2021	17:44:36	78769.53	394724.82	39.73	Soil	11,640	0.09
08/24/2021	17:44:37	78769.34	394725.01	39.76	Soil	11,760	0.18
08/24/2021	17:44:38	78769.14	394725.02	39.79	Soil	10,920	-0.41
08/24/2021	17:44:39	78769.08	394725.07	39.82	Soil	12,180	0.47
08/24/2021	17:44:40	78769.21	394725.08	39.80	Soil	11,400	-0.08
08/24/2021	17:44:41	78769.43	394724.92	39.83	Soil	11,340	-0.12
08/24/2021	17:44:42	78769.69	394724.74	39.86	Soil	11,820	0.22
08/24/2021	17:44:43	78769.82	394724.69	39.81	Soil	11,100	-0.29
08/24/2021	17:44:44	78769.74	394724.89	39.76	Soil	11,460	-0.04
08/24/2021	17:44:45	78769.55	394725.09	39.78	Soil	10,920	-0.41
08/24/2021	17:44:46	78769.44	394725.17	39.81	Soil	10,500	-0.71
08/24/2021	17:44:47	78769.59	394725.08	39.80	Soil	11,760	0.18
08/24/2021	17:44:48	78769.79	394725.05	39.94	Soil	11,580	0.05
08/24/2021	17:45:14	78769.83	394725.06	39.89	Soil	10,860	-0.46
08/24/2021	17:45:15	78769.65	394725.13	39.91	Soil	11,760	0.18
08/24/2021	17:45:16	78769.51	394725.24	39.93	Soil	11,700	0.13
08/24/2021	17:45:17	78769.51	394725.29	39.92	Soil	11,100	-0.29
08/24/2021	17:45:18	78769.73	394725.21	39.93	Soil	11,340	-0.12
08/24/2021	17:45:19	78770.07	394725.01	39.95	Soil	11,520	0.01
08/24/2021	17:45:20	78770.28	394724.81	39.96	Soil	13,320	1.27
08/24/2021	17:45:21	78770.33	394724.71	39.96	Soil	11,880	0.26
08/24/2021	17:45:22	78770.30	394724.73	39.91	Soil	12,300	0.55
08/24/2021	17:45:23	78770.24	394724.83	39.89	Soil	12,300	0.55
08/24/2021	17:45:24	78770.18	394724.93	39.89	Soil	10,320	-0.84
08/24/2021	17:45:25	78770.17	394724.97	39.88	Soil	11,160	-0.25
08/24/2021	17:45:26	78770.04	394725.15	39.90	Soil	12,240	0.51
08/24/2021	17:45:27	78769.88	394725.46	39.97	Soil	12,540	0.72
08/24/2021	17:45:28	78769.98	394725.47	40.03	Soil	11,580	0.05
08/24/2021	17:45:29	78770.37	394725.21	40.03	Soil	11,760	0.18
08/24/2021	17:45:30	78770.65	394724.93	39.98	Soil	11,100	-0.29
08/24/2021	17:45:31	78770.72	394724.82	39.94	Soil	12,600	0.76
08/24/2021	17:45:32	78770.71	394724.90	39.90	Soil	11,760	0.18
08/24/2021	17:45:33	78770.66	394725.09	39.91	Soil	10,860	-0.46
08/24/2021	17:45:34	78770.59	394725.32	39.91	Soil	11,640	0.09
08/24/2021	17:45:35	78770.57	394725.42	39.91	Soil	10,440	-0.75
08/24/2021	17:45:36	78770.48	394725.47	39.94	Soil	11,820	0.22
08/24/2021	17:45:37	78770.39	394725.50	39.97	Soil	10,380	-0.79
08/24/2021	17:45:38	78770.32	394725.47	39.97	Soil	11,100	-0.29
08/24/2021	17:45:39	78770.23	394725.46	39.97	Soil	12,660	0.81
08/24/2021	17:45:40	78770.20	394725.51	39.99	Soil	10,800	-0.50
08/24/2021	17:45:41	78770.36	394725.52	40.02	Soil	12,780	0.89
08/24/2021	17:45:42	78770.65	394725.22	40.02	Soil	11,220	-0.20
08/24/2021	17:45:43	78770.70	394724.82	39.93	Soil	11,880	0.26
08/24/2021	17:45:44	78770.64	394724.68	39.94	Soil	12,600	0.76
08/24/2021	17:45:45	78770.65	394724.81	39.97	Soil	12,600	0.76
08/24/2021	17:45:46	78770.67	394724.90	39.96	Soil	12,300	0.55
08/24/2021	17:45:47	78770.61	394724.96	39.97	Soil	11,040	-0.33
08/24/2021	17:45:48	78770.44	394725.10	39.97	Soil	11,760	0.18
08/24/2021	17:45:49	78770.23	394725.14	39.94	Soil	11,040	-0.33

SU 7D GWS RESULTS
(SOIL)

08/24/2021	17:45:50	78770.15	394725.11	39.96	Soil	11,340	-0.12
08/24/2021	17:45:51	78770.13	394725.09	39.95	Soil	10,860	-0.46
08/24/2021	17:45:52	78770.12	394725.10	39.96	Soil	11,100	-0.29
08/24/2021	17:45:53	78770.13	394725.14	39.98	Soil	11,280	-0.16
08/24/2021	17:45:54	78770.15	394725.22	40.00	Soil	11,280	-0.16
08/24/2021	17:45:55	78770.18	394725.26	40.04	Soil	11,400	-0.08
08/24/2021	17:45:56	78770.21	394725.23	40.05	Soil	11,820	0.22
08/24/2021	17:45:57	78770.27	394725.31	40.07	Soil	12,540	0.72
08/24/2021	17:45:58	78770.37	394725.37	40.10	Soil	11,160	-0.25
08/24/2021	17:45:59	78770.51	394725.44	40.12	Soil	12,420	0.64
08/24/2021	17:46:00	78770.62	394725.52	40.09	Soil	12,000	0.34
08/24/2021	17:46:01	78770.63	394725.45	40.04	Soil	12,420	0.64
08/24/2021	17:46:02	78770.63	394725.41	40.03	Soil	12,120	0.43
08/24/2021	17:46:03	78770.62	394725.40	40.02	Soil	10,740	-0.54
08/24/2021	17:46:04	78770.62	394725.42	39.99	Soil	11,280	-0.16
08/24/2021	17:46:05	78770.69	394725.52	39.95	Soil	12,540	0.72
08/24/2021	17:46:06	78770.74	394725.57	39.95	Soil	11,220	-0.20
08/24/2021	17:46:07	78770.70	394725.57	39.94	Soil	11,880	0.26
08/24/2021	17:46:08	78770.63	394725.62	39.94	Soil	11,520	0.01
08/24/2021	17:46:09	78770.66	394725.66	39.90	Soil	10,020	-1.05
08/24/2021	17:46:10	78770.70	394725.60	39.88	Soil	12,840	0.93
08/24/2021	17:46:11	78770.71	394725.59	39.89	Soil	10,860	-0.46
08/24/2021	17:46:12	78770.73	394725.62	39.88	Soil	10,260	-0.88
08/24/2021	17:46:13	78770.75	394725.60	39.91	Soil	10,740	-0.54
08/24/2021	17:46:14	78770.78	394725.62	39.91	Soil	12,060	0.39
08/24/2021	17:46:15	78770.76	394725.62	39.90	Soil	12,180	0.47
08/24/2021	17:46:16	78770.74	394725.60	39.90	Soil	11,400	-0.08
08/24/2021	17:46:17	78770.74	394725.59	39.89	Soil	11,460	-0.04
08/24/2021	17:46:18	78770.76	394725.63	39.88	Soil	12,780	0.89
08/24/2021	17:46:19	78770.88	394725.69	39.88	Soil	10,500	-0.71
08/24/2021	17:46:20	78771.12	394725.50	39.84	Soil	11,460	-0.04
08/24/2021	17:46:21	78771.35	394725.26	39.87	Soil	11,520	0.01
08/24/2021	17:46:22	78771.34	394725.35	39.86	Soil	13,500	1.40
08/24/2021	17:46:23	78771.15	394725.64	39.88	Soil	9,660	-1.30
08/24/2021	17:46:24	78771.15	394725.64	39.85	Soil	11,880	0.26
08/24/2021	17:46:25	78771.33	394725.46	39.87	Soil	12,060	0.39
08/24/2021	17:46:26	78771.38	394725.44	39.85	Soil	12,720	0.85
08/24/2021	17:46:27	78771.19	394725.63	39.85	Soil	12,180	0.47
08/24/2021	17:46:28	78771.06	394725.76	39.88	Soil	12,540	0.72
08/24/2021	17:46:29	78771.27	394725.68	39.86	Soil	11,640	0.09
08/24/2021	17:46:30	78771.54	394725.57	39.85	Soil	11,940	0.30
08/24/2021	17:46:31	78771.54	394725.72	39.85	Soil	10,680	-0.58
08/24/2021	17:46:32	78771.41	394725.92	39.86	Soil	11,220	-0.20
08/24/2021	17:46:33	78771.56	394725.84	39.84	Soil	13,680	1.52
08/24/2021	17:46:34	78771.83	394725.62	39.86	Soil	11,640	0.09
08/24/2021	17:46:35	78771.90	394725.57	39.84	Soil	11,580	0.05
08/24/2021	17:46:36	78771.82	394725.80	39.80	Soil	10,500	-0.71
08/24/2021	17:46:37	78771.63	394726.05	39.82	Soil	11,460	-0.04
08/24/2021	17:46:38	78771.79	394725.99	39.74	Soil	10,800	-0.50
08/24/2021	17:46:39	78772.02	394725.93	39.74	Soil	12,240	0.51
08/24/2021	17:46:40	78772.00	394726.15	39.72	Soil	11,400	-0.08

SU 7D GWS RESULTS
(SOIL)

08/24/2021	17:46:41	78771.96	394726.24	39.70	Soil	10,800	-0.50
08/24/2021	17:46:42	78772.11	394726.14	39.66	Soil	12,900	0.98
08/24/2021	17:46:43	78772.13	394726.29	39.65	Soil	11,820	0.22
08/24/2021	17:46:44	78771.96	394726.46	39.66	Soil	11,400	-0.08
08/24/2021	17:46:45	78772.06	394726.37	39.60	Soil	10,800	-0.50
08/24/2021	17:46:46	78772.28	394726.30	39.60	Soil	12,000	0.34
08/24/2021	17:46:47	78772.26	394726.44	39.61	Soil	10,560	-0.67
08/24/2021	17:46:48	78772.14	394726.61	39.64	Soil	10,980	-0.37
08/24/2021	17:46:49	78772.21	394726.56	39.56	Soil	10,980	-0.37
08/24/2021	17:46:50	78772.40	394726.44	39.59	Soil	11,280	-0.16
08/24/2021	17:46:51	78772.37	394726.50	39.57	Soil	11,340	-0.12
08/24/2021	17:46:52	78772.25	394726.51	39.55	Soil	12,360	0.60
08/24/2021	17:46:53	78772.35	394726.47	39.54	Soil	11,220	-0.20
08/24/2021	17:46:54	78772.29	394726.57	39.54	Soil	11,520	0.01
08/24/2021	17:46:55	78772.19	394726.61	39.55	Soil	11,940	0.30
08/24/2021	17:46:56	78772.37	394726.56	39.58	Soil	12,180	0.47
08/24/2021	17:46:57	78772.56	394726.56	39.57	Soil	13,140	1.14
08/24/2021	17:46:58	78772.46	394726.64	39.54	Soil	12,660	0.81
08/24/2021	17:46:59	78772.36	394726.70	39.56	Soil	10,620	-0.62
08/24/2021	17:47:00	78772.58	394726.55	39.55	Soil	10,860	-0.46
08/24/2021	17:47:01	78772.61	394726.55	39.55	Soil	11,460	-0.04
08/24/2021	17:47:02	78772.50	394726.55	39.56	Soil	10,800	-0.50
08/24/2021	17:47:03	78772.52	394726.59	39.50	Soil	11,400	-0.08
08/24/2021	17:47:04	78772.53	394726.62	39.49	Soil	9,540	-1.38
08/24/2021	17:47:05	78772.73	394726.52	39.42	Soil	10,860	-0.46
08/24/2021	17:47:06	78772.93	394726.53	39.36	Soil	12,900	0.98
08/24/2021	17:47:07	78772.88	394726.61	39.31	Soil	11,220	-0.20
08/24/2021	17:47:08	78772.94	394726.45	39.33	Soil	10,020	-1.05
08/24/2021	17:47:09	78772.99	394726.18	39.34	Soil	12,660	0.81
08/24/2021	17:47:10	78772.98	394726.14	39.30	Soil	10,140	-0.96
08/24/2021	17:47:11	78772.98	394726.36	39.27	Soil	10,680	-0.58
08/24/2021	17:47:12	78772.81	394726.65	39.21	Soil	11,880	0.26
08/24/2021	17:47:13	78772.47	394726.58	39.42	Soil	12,120	0.43
08/24/2021	17:47:14	78772.33	394726.30	39.43	Soil	10,320	-0.84
08/24/2021	17:47:15	78772.36	394726.34	39.43	Soil	12,300	0.55
08/24/2021	17:47:16	78772.23	394726.29	39.43	Soil	12,180	0.47
08/24/2021	17:47:17	78772.13	394726.12	39.43	Soil	12,060	0.39
08/24/2021	17:47:18	78772.11	394726.07	39.41	Soil	10,740	-0.54
08/24/2021	17:47:19	78772.04	394726.20	39.44	Soil	12,420	0.64
08/24/2021	17:47:20	78772.00	394726.37	39.37	Soil	13,200	1.19
08/24/2021	17:47:21	78772.03	394726.43	39.39	Soil	11,340	-0.12
08/24/2021	17:47:22	78772.17	394726.47	39.33	Soil	11,160	-0.25
08/24/2021	17:47:23	78772.39	394726.55	39.27	Soil	11,220	-0.20
08/24/2021	17:47:24	78772.46	394726.62	39.27	Soil	12,120	0.43
08/24/2021	17:47:25	78772.36	394726.59	39.29	Soil	11,340	-0.12
08/24/2021	17:47:26	78772.24	394726.52	39.34	Soil	13,260	1.23
08/24/2021	17:47:27	78772.20	394726.48	39.32	Soil	11,040	-0.33
08/24/2021	17:47:28	78772.19	394726.46	39.33	Soil	10,260	-0.88
08/24/2021	17:47:29	78772.15	394726.45	39.34	Soil	11,460	-0.04
08/24/2021	17:47:30	78772.06	394726.54	39.34	Soil	13,560	1.44
08/24/2021	17:47:31	78772.09	394726.54	39.22	Soil	10,620	-0.62

SU 7D GWS RESULTS
(SOIL)

08/24/2021	17:47:32	78772.16	394726.51	39.13	Soil	12,060	0.39
08/24/2021	17:47:33	78772.27	394726.57	39.02	Soil	13,080	1.10
08/24/2021	17:47:34	78772.50	394726.65	38.95	Soil	11,280	-0.16
08/24/2021	17:47:35	78772.70	394726.74	38.91	Soil	12,060	0.39
08/24/2021	17:47:36	78772.70	394726.78	38.92	Soil	12,180	0.47
08/24/2021	17:47:37	78772.54	394726.76	38.98	Soil	11,700	0.13
08/24/2021	17:47:38	78772.33	394726.72	39.07	Soil	12,480	0.68
08/24/2021	17:47:39	78772.08	394726.61	39.15	Soil	12,240	0.51
08/24/2021	17:47:40	78771.94	394726.57	39.16	Soil	10,920	-0.41
08/24/2021	17:47:41	78772.03	394726.69	39.07	Soil	12,360	0.60
08/24/2021	17:47:42	78772.33	394726.95	38.90	Soil	12,720	0.85
08/24/2021	17:47:43	78772.48	394727.08	38.92	Soil	11,580	0.05
08/24/2021	17:47:44	78772.29	394726.80	39.10	Soil	10,680	-0.58
08/24/2021	17:47:45	78772.19	394726.41	39.09	Soil	12,960	1.02
08/24/2021	17:47:46	78772.25	394726.26	39.04	Soil	11,460	-0.04
08/24/2021	17:47:47	78772.15	394726.16	39.00	Soil	11,700	0.13
08/24/2021	17:47:48	78772.15	394726.06	38.90	Soil	11,520	0.01
08/24/2021	17:47:49	78772.32	394725.96	38.92	Soil	11,280	-0.16
08/24/2021	17:47:50	78772.23	394725.99	39.03	Soil	12,180	0.47
08/24/2021	17:47:51	78771.87	394726.10	39.03	Soil	11,940	0.30
08/24/2021	17:47:52	78771.76	394725.92	39.08	Soil	10,920	-0.41
08/24/2021	17:47:53	78771.81	394725.70	39.11	Soil	12,840	0.93
08/24/2021	17:47:54	78771.85	394725.57	39.10	Soil	12,060	0.39
08/24/2021	17:47:55	78771.68	394725.65	39.13	Soil	10,080	-1.00
08/24/2021	17:47:56	78771.42	394726.06	39.13	Soil	11,940	0.30
08/24/2021	17:47:57	78771.30	394726.37	39.13	Soil	11,760	0.18
08/24/2021	17:47:58	78771.30	394726.38	39.11	Soil	12,360	0.60
08/24/2021	17:47:59	78771.38	394726.29	39.09	Soil	11,760	0.18
08/24/2021	17:48:00	78771.54	394726.02	39.07	Soil	11,580	0.05
08/24/2021	17:48:01	78771.64	394725.87	39.06	Soil	13,080	1.10
08/24/2021	17:48:02	78771.60	394726.06	39.04	Soil	10,860	-0.46
08/24/2021	17:48:03	78771.57	394726.38	39.05	Soil	9,660	-1.30
08/24/2021	17:48:04	78771.58	394726.47	39.05	Soil	11,340	-0.12
08/24/2021	17:48:05	78771.74	394726.17	39.01	Soil	12,600	0.76
08/24/2021	17:48:06	78771.93	394725.93	39.00	Soil	12,960	1.02
08/24/2021	17:48:07	78771.90	394726.14	38.98	Soil	11,340	-0.12
08/24/2021	17:48:08	78771.81	394726.47	38.94	Soil	10,800	-0.50
08/24/2021	17:48:09	78771.92	394726.35	38.95	Soil	11,340	-0.12
08/24/2021	17:48:10	78771.86	394726.33	38.93	Soil	12,780	0.89
08/24/2021	17:48:11	78771.71	394726.39	38.95	Soil	11,160	-0.25
08/24/2021	17:48:12	78771.80	394726.17	38.96	Soil	10,680	-0.58
08/24/2021	17:48:13	78771.69	394726.12	38.96	Soil	13,080	1.10
08/24/2021	17:48:14	78771.39	394726.28	38.96	Soil	12,480	0.68
08/24/2021	17:48:15	78771.36	394726.19	38.93	Soil	10,860	-0.46
08/24/2021	17:48:16	78771.56	394725.85	38.94	Soil	12,120	0.43
08/24/2021	17:48:17	78771.53	394725.84	38.95	Soil	12,300	0.55
08/24/2021	17:48:18	78771.31	394726.17	38.96	Soil	12,660	0.81
08/24/2021	17:48:19	78771.16	394726.39	38.93	Soil	10,200	-0.92
08/24/2021	17:48:20	78771.21	394726.23	38.95	Soil	11,820	0.22
08/24/2021	17:48:21	78771.31	394726.05	38.97	Soil	11,160	-0.25
08/24/2021	17:48:22	78771.17	394726.16	38.99	Soil	11,460	-0.04

SU 7D GWS RESULTS
(SOIL)

08/24/2021	17:48:23	78770.99	394726.39	39.02	Soil	11,880	0.26
08/24/2021	17:48:24	78770.95	394726.45	38.94	Soil	11,400	-0.08
08/24/2021	17:48:25	78771.05	394726.23	38.91	Soil	11,220	-0.20
08/24/2021	17:48:26	78771.25	394725.99	38.88	Soil	11,460	-0.04
08/24/2021	17:48:27	78771.34	394725.91	38.90	Soil	12,660	0.81
08/24/2021	17:48:28	78771.19	394726.05	38.94	Soil	11,760	0.18
08/24/2021	17:48:29	78770.91	394726.33	38.97	Soil	12,600	0.76
08/24/2021	17:48:30	78770.82	394726.44	38.95	Soil	11,220	-0.20
08/24/2021	17:48:31	78770.92	394726.19	38.94	Soil	10,320	-0.84
08/24/2021	17:48:32	78771.01	394725.96	38.96	Soil	11,280	-0.16
08/24/2021	17:48:33	78770.85	394726.11	38.96	Soil	10,860	-0.46
08/24/2021	17:48:34	78770.58	394726.32	39.02	Soil	11,220	-0.20
08/24/2021	17:48:35	78770.43	394726.37	39.03	Soil	12,300	0.55
08/24/2021	17:48:36	78770.46	394726.20	38.94	Soil	11,040	-0.33
08/24/2021	17:48:37	78770.61	394725.92	38.92	Soil	12,720	0.85
08/24/2021	17:48:38	78770.74	394725.76	38.87	Soil	12,660	0.81
08/24/2021	17:48:39	78770.61	394725.83	38.83	Soil	10,800	-0.50
08/24/2021	17:48:40	78770.36	394725.97	38.83	Soil	11,760	0.18
08/24/2021	17:48:41	78770.21	394726.04	38.85	Soil	11,040	-0.33
08/24/2021	17:48:42	78770.12	394726.10	38.77	Soil	12,240	0.51
08/24/2021	17:48:43	78770.05	394726.07	38.79	Soil	13,680	1.52
08/24/2021	17:48:44	78770.16	394725.84	38.77	Soil	13,620	1.48
08/24/2021	17:48:45	78770.37	394725.62	38.74	Soil	11,460	-0.04
08/24/2021	17:48:46	78770.55	394725.52	38.74	Soil	12,300	0.55
08/24/2021	17:48:47	78770.54	394725.55	38.74	Soil	12,360	0.60
08/24/2021	17:48:48	78770.19	394725.69	38.78	Soil	11,700	0.13
08/24/2021	17:48:49	78769.91	394725.87	38.79	Soil	13,800	1.61
08/24/2021	17:48:50	78769.81	394725.97	38.78	Soil	12,840	0.93
08/24/2021	17:48:51	78769.73	394725.94	38.74	Soil	11,520	0.01
08/24/2021	17:48:52	78769.72	394725.93	38.73	Soil	12,180	0.47
08/24/2021	17:48:53	78769.73	394725.94	38.72	Soil	11,880	0.26
08/24/2021	17:48:54	78769.73	394725.95	38.70	Soil	11,400	-0.08
08/24/2021	17:48:55	78769.77	394725.99	38.70	Soil	11,040	-0.33
08/24/2021	17:48:56	78769.79	394726.06	38.68	Soil	10,200	-0.92
08/24/2021	17:48:57	78769.78	394726.15	38.65	Soil	12,120	0.43
08/24/2021	17:48:58	78769.76	394726.17	38.63	Soil	13,920	1.69
08/24/2021	17:48:59	78769.77	394726.16	38.60	Soil	12,420	0.64
08/24/2021	17:49:00	78769.80	394726.16	38.59	Soil	11,520	0.01
08/24/2021	17:49:01	78769.81	394726.20	38.59	Soil	10,860	-0.46
08/24/2021	17:49:02	78769.77	394726.19	38.59	Soil	12,180	0.47
08/24/2021	17:49:03	78769.72	394726.15	38.59	Soil	13,680	1.52
08/24/2021	17:49:04	78769.74	394726.20	38.60	Soil	11,220	-0.20
08/24/2021	17:49:05	78769.80	394726.25	38.61	Soil	11,880	0.26
08/24/2021	17:49:06	78769.83	394726.25	38.65	Soil	11,940	0.30
08/24/2021	17:49:07	78769.84	394726.32	38.72	Soil	12,600	0.76
08/24/2021	17:49:08	78769.89	394726.42	38.72	Soil	11,280	-0.16
08/24/2021	17:49:09	78769.99	394726.48	38.74	Soil	12,780	0.89
08/24/2021	17:49:10	78770.12	394726.44	38.77	Soil	11,940	0.30
08/24/2021	17:49:11	78770.21	394726.37	38.80	Soil	11,820	0.22
08/24/2021	17:49:12	78770.23	394726.34	38.81	Soil	11,640	0.09
08/24/2021	17:49:13	78770.18	394726.33	38.84	Soil	10,920	-0.41

SU 7D GWS RESULTS
(SOIL)

08/24/2021	17:49:14	78770.21	394726.20	38.89	Soil	11,580	0.05
08/24/2021	17:49:15	78770.29	394726.01	38.89	Soil	12,360	0.60
08/24/2021	17:49:16	78770.35	394726.00	38.91	Soil	11,160	-0.25
08/24/2021	17:49:17	78770.25	394726.18	38.92	Soil	12,300	0.55
08/24/2021	17:49:18	78769.86	394726.29	38.91	Soil	11,880	0.26
08/24/2021	17:49:19	78769.54	394725.92	38.93	Soil	11,520	0.01
08/24/2021	17:49:20	78769.52	394725.54	38.90	Soil	10,920	-0.41
08/24/2021	17:49:21	78769.64	394725.45	38.82	Soil	11,280	-0.16
08/24/2021	17:49:22	78769.67	394725.35	38.79	Soil	10,200	-0.92
08/24/2021	17:49:23	78769.66	394725.36	38.76	Soil	10,680	-0.58
08/24/2021	17:49:24	78769.69	394725.38	38.72	Soil	11,880	0.26
08/24/2021	17:49:25	78769.71	394725.40	38.69	Soil	11,760	0.18
08/24/2021	17:49:26	78769.71	394725.39	38.67	Soil	10,740	-0.54
08/24/2021	17:49:27	78769.76	394725.30	38.69	Soil	10,320	-0.84
08/24/2021	17:49:28	78769.85	394725.21	38.70	Soil	11,820	0.22
08/24/2021	17:49:29	78769.69	394725.25	38.71	Soil	12,360	0.60
08/24/2021	17:49:30	78769.31	394725.36	38.72	Soil	11,700	0.13
08/24/2021	17:49:31	78769.21	394725.39	38.71	Soil	11,640	0.09
08/24/2021	17:49:32	78769.21	394725.35	38.67	Soil	10,740	-0.54
08/24/2021	17:49:33	78769.36	394725.12	38.67	Soil	12,420	0.64
08/24/2021	17:49:34	78769.46	394724.96	38.71	Soil	11,640	0.09
08/24/2021	17:49:35	78769.15	394725.15	38.71	Soil	10,140	-0.96
08/24/2021	17:49:36	78768.92	394725.19	38.69	Soil	11,340	-0.12
08/24/2021	17:49:37	78769.08	394724.90	38.64	Soil	12,540	0.72
08/24/2021	17:49:38	78769.13	394724.78	38.63	Soil	13,500	1.40
08/24/2021	17:49:39	78768.91	394725.01	38.62	Soil	13,020	1.06
08/24/2021	17:49:40	78768.72	394725.07	38.61	Soil	11,520	0.01
08/24/2021	17:49:41	78768.78	394724.80	38.63	Soil	11,100	-0.29
08/24/2021	17:49:42	78768.70	394724.88	38.62	Soil	14,340	1.99
08/24/2021	17:49:43	78768.50	394725.13	38.60	Soil	10,980	-0.37
08/24/2021	17:49:44	78768.42	394725.03	38.58	Soil	11,040	-0.33
08/24/2021	17:49:45	78768.45	394724.77	38.58	Soil	12,180	0.47
08/24/2021	17:49:46	78768.38	394724.88	38.57	Soil	12,120	0.43
08/24/2021	17:49:47	78768.22	394725.08	38.56	Soil	11,820	0.22
08/24/2021	17:49:48	78768.23	394724.88	38.55	Soil	11,880	0.26
08/24/2021	17:49:49	78768.20	394724.66	38.54	Soil	12,000	0.34
08/24/2021	17:49:50	78767.99	394725.04	38.60	Soil	12,540	0.72
08/24/2021	17:49:51	78767.90	394725.42	38.60	Soil	11,040	-0.33
08/24/2021	17:49:52	78767.92	394725.21	38.57	Soil	12,960	1.02
08/24/2021	17:49:53	78767.98	394724.79	38.52	Soil	11,520	0.01
08/24/2021	17:49:54	78768.03	394724.61	38.52	Soil	13,320	1.27
08/24/2021	17:49:55	78768.12	394724.54	38.55	Soil	10,620	-0.62
08/24/2021	17:49:56	78768.12	394724.61	38.54	Soil	10,680	-0.58
08/24/2021	17:49:57	78767.86	394724.98	38.53	Soil	12,420	0.64
08/24/2021	17:49:58	78767.72	394725.00	38.55	Soil	11,280	-0.16
08/24/2021	17:49:59	78767.72	394724.71	38.55	Soil	12,240	0.51
08/24/2021	17:50:00	78767.62	394724.86	38.58	Soil	11,640	0.09
08/24/2021	17:50:01	78767.50	394724.99	38.58	Soil	11,160	-0.25
08/24/2021	17:50:02	78767.54	394724.68	38.61	Soil	10,380	-0.79
08/24/2021	17:50:03	78767.50	394724.66	38.63	Soil	11,460	-0.04
08/24/2021	17:50:04	78767.24	394724.94	38.66	Soil	10,980	-0.37

SU 7D GWS RESULTS
(SOIL)

08/24/2021	17:50:05	78767.13	394724.79	38.68	Soil	10,800	-0.50
08/24/2021	17:50:06	78767.11	394724.59	38.67	Soil	11,460	-0.04
08/24/2021	17:50:07	78766.96	394724.86	38.71	Soil	12,060	0.39
08/24/2021	17:50:08	78766.82	394725.02	38.72	Soil	11,580	0.05
08/24/2021	17:50:09	78766.75	394724.68	38.75	Soil	11,280	-0.16
08/24/2021	17:50:10	78766.70	394724.59	38.73	Soil	10,920	-0.41
08/24/2021	17:50:11	78766.67	394724.90	38.84	Soil	11,100	-0.29
08/24/2021	17:50:12	78766.70	394725.20	38.84	Soil	12,060	0.39
08/24/2021	17:50:13	78766.98	394725.03	38.87	Soil	10,380	-0.79
08/24/2021	17:50:14	78767.20	394724.56	38.88	Soil	11,100	-0.29
08/24/2021	17:50:15	78767.10	394724.25	38.90	Soil	10,920	-0.41
08/24/2021	17:50:16	78767.16	394724.10	38.91	Soil	11,340	-0.12
08/24/2021	17:50:17	78767.35	394724.19	38.89	Soil	10,260	-0.88
08/24/2021	17:50:18	78767.48	394724.37	38.93	Soil	11,640	0.09
08/24/2021	17:50:19	78767.52	394724.35	38.91	Soil	12,900	0.98
08/24/2021	17:50:20	78767.50	394724.35	38.95	Soil	12,000	0.34
08/24/2021	17:50:21	78767.46	394724.34	38.95	Soil	12,240	0.51
08/24/2021	17:50:22	78767.41	394724.24	38.94	Soil	12,360	0.60
08/24/2021	17:50:23	78767.23	394724.38	39.01	Soil	12,420	0.64
08/24/2021	17:50:24	78766.85	394724.71	39.05	Soil	12,780	0.89
08/24/2021	17:50:25	78766.50	394724.96	39.13	Soil	11,400	-0.08
08/24/2021	17:50:26	78766.27	394725.10	39.20	Soil	12,780	0.89
08/24/2021	17:50:27	78766.15	394725.33	39.19	Soil	12,480	0.68
08/24/2021	17:50:28	78766.12	394725.50	39.18	Soil	10,980	-0.37
08/24/2021	17:50:29	78766.16	394725.54	39.19	Soil	13,320	1.27
08/24/2021	17:50:30	78766.37	394725.49	39.23	Soil	12,780	0.89
08/24/2021	17:50:31	78766.51	394725.48	39.24	Soil	12,420	0.64
08/24/2021	17:50:32	78766.64	394725.40	39.25	Soil	13,680	1.52
08/24/2021	17:50:33	78766.90	394725.22	39.23	Soil	11,100	-0.29
08/24/2021	17:50:34	78767.02	394725.26	39.20	Soil	11,160	-0.25
08/24/2021	17:50:35	78766.87	394725.54	39.24	Soil	10,680	-0.58
08/24/2021	17:50:36	78766.87	394725.62	39.22	Soil	13,500	1.40
08/24/2021	17:50:37	78767.08	394725.41	39.31	Soil	11,880	0.26
08/24/2021	17:50:38	78767.28	394725.19	39.30	Soil	11,220	-0.20
08/24/2021	17:50:39	78767.36	394725.10	39.31	Soil	12,480	0.68
08/24/2021	17:50:40	78767.39	394725.18	39.35	Soil	11,880	0.26
08/24/2021	17:50:41	78767.29	394725.46	39.30	Soil	12,480	0.68
08/24/2021	17:50:42	78767.14	394725.70	39.34	Soil	10,200	-0.92
08/24/2021	17:50:43	78767.06	394725.79	39.36	Soil	10,560	-0.67
08/24/2021	17:50:44	78767.14	394725.66	39.40	Soil	11,100	-0.29
08/24/2021	17:50:45	78767.39	394725.41	39.45	Soil	10,680	-0.58
08/24/2021	17:50:46	78767.55	394725.24	39.45	Soil	11,220	-0.20
08/24/2021	17:50:47	78767.63	394725.23	39.45	Soil	11,940	0.30
08/24/2021	17:50:48	78767.70	394725.40	39.48	Soil	10,680	-0.58
08/24/2021	17:50:49	78767.65	394725.61	39.44	Soil	11,400	-0.08
08/24/2021	17:50:50	78767.56	394725.76	39.49	Soil	12,960	1.02
08/24/2021	17:50:51	78767.47	394725.93	39.53	Soil	11,880	0.26
08/24/2021	17:50:52	78767.43	394726.03	39.56	Soil	11,340	-0.12
08/24/2021	17:50:53	78767.56	394725.96	39.56	Soil	12,240	0.51
08/24/2021	17:50:54	78767.78	394725.72	39.57	Soil	11,700	0.13
08/24/2021	17:50:55	78768.00	394725.51	39.60	Soil	10,860	-0.46

SU 7D GWS RESULTS
(SOIL)

08/24/2021	17:50:56	78768.12	394725.38	39.65	Soil	12,240	0.51
08/24/2021	17:50:57	78768.11	394725.35	39.66	Soil	13,080	1.10
08/24/2021	17:50:58	78768.04	394725.52	39.71	Soil	13,320	1.27
08/24/2021	17:50:59	78767.89	394725.81	39.65	Soil	13,020	1.06
08/24/2021	17:51:00	78767.77	394725.96	39.68	Soil	11,760	0.18
08/24/2021	17:51:01	78767.73	394726.05	39.75	Soil	11,880	0.26
08/24/2021	17:51:02	78767.71	394726.13	39.74	Soil	12,600	0.76
08/24/2021	17:51:03	78767.75	394726.16	39.73	Soil	11,340	-0.12
08/24/2021	17:51:04	78767.86	394726.12	39.75	Soil	13,200	1.19
08/24/2021	17:51:05	78768.05	394725.98	39.76	Soil	12,600	0.76
08/24/2021	17:51:06	78768.19	394725.86	39.75	Soil	10,980	-0.37
08/24/2021	17:51:07	78768.32	394725.77	39.75	Soil	13,140	1.14
08/24/2021	17:51:08	78768.43	394725.67	39.78	Soil	13,140	1.14
08/24/2021	17:51:09	78768.49	394725.57	39.81	Soil	11,580	0.05
08/24/2021	17:51:10	78768.56	394725.48	39.81	Soil	11,760	0.18
08/24/2021	17:51:11	78768.56	394725.44	39.78	Soil	11,220	-0.20
08/24/2021	17:51:12	78768.54	394725.43	39.81	Soil	13,260	1.23
08/24/2021	17:51:13	78768.45	394725.53	39.83	Soil	11,700	0.13
08/24/2021	17:51:14	78768.29	394725.66	39.83	Soil	12,540	0.72
08/24/2021	17:51:15	78768.16	394725.72	39.83	Soil	12,960	1.02
08/24/2021	17:51:16	78768.01	394725.70	39.81	Soil	10,740	-0.54
08/24/2021	17:51:17	78767.89	394725.70	39.81	Soil	12,000	0.34
08/24/2021	17:51:18	78767.98	394725.73	39.80	Soil	12,060	0.39
08/24/2021	17:51:19	78768.13	394725.65	39.79	Soil	12,060	0.39
08/24/2021	17:51:20	78768.22	394725.54	39.79	Soil	12,300	0.55
08/24/2021	17:51:21	78768.29	394725.48	39.76	Soil	10,980	-0.37
08/24/2021	17:51:22	78768.33	394725.48	39.74	Soil	10,440	-0.75
08/24/2021	17:51:23	78768.35	394725.53	39.75	Soil	12,120	0.43
08/24/2021	17:51:24	78768.42	394725.71	39.78	Soil	10,140	-0.96
08/24/2021	17:51:25	78768.41	394725.92	39.82	Soil	10,920	-0.41
08/24/2021	17:51:26	78768.31	394726.10	39.81	Soil	10,200	-0.92
08/24/2021	17:51:27	78768.22	394726.22	39.79	Soil	12,060	0.39
08/24/2021	17:51:28	78768.26	394726.13	39.80	Soil	12,720	0.85
08/24/2021	17:51:29	78768.53	394725.90	39.86	Soil	11,700	0.13
08/24/2021	17:51:30	78768.75	394725.72	39.86	Soil	12,060	0.39
08/24/2021	17:51:31	78768.80	394725.55	39.89	Soil	10,740	-0.54
08/24/2021	17:51:32	78768.78	394725.43	39.92	Soil	10,980	-0.37
08/24/2021	17:51:33	78768.73	394725.40	39.97	Soil	12,240	0.51
08/24/2021	17:51:34	78768.65	394725.38	39.91	Soil	12,240	0.51
08/24/2021	17:51:35	78768.56	394725.35	39.86	Soil	12,480	0.68
08/24/2021	17:51:36	78768.57	394725.37	39.81	Soil	11,760	0.18
08/24/2021	17:51:37	78768.62	394725.42	39.76	Soil	11,820	0.22
08/24/2021	17:51:38	78768.79	394725.49	39.77	Soil	13,080	1.10
08/24/2021	17:51:39	78768.81	394725.73	39.75	Soil	11,700	0.13
08/24/2021	17:51:40	78768.67	394726.03	39.77	Soil	12,960	1.02
08/24/2021	17:51:41	78768.62	394726.22	39.82	Soil	11,820	0.22
08/24/2021	17:51:42	78768.48	394726.42	39.86	Soil	10,320	-0.84
08/24/2021	17:51:43	78768.36	394726.51	39.89	Soil	9,240	-1.59
08/24/2021	17:51:44	78768.42	394726.47	39.85	Soil	10,680	-0.58
08/24/2021	17:51:45	78768.68	394726.31	39.85	Soil	11,820	0.22
08/24/2021	17:51:46	78768.95	394726.07	39.89	Soil	11,700	0.13

SU 7D GWS RESULTS
(SOIL)

08/24/2021	17:51:47	78769.10	394725.88	39.89	Soil	11,280	-0.16
08/24/2021	17:51:48	78769.11	394725.74	39.89	Soil	12,900	0.98
08/24/2021	17:51:49	78769.09	394725.60	39.88	Soil	10,980	-0.37
08/24/2021	17:51:50	78769.11	394725.52	39.79	Soil	13,380	1.31
08/24/2021	17:51:51	78769.20	394725.57	39.76	Soil	13,440	1.35
08/24/2021	17:51:52	78769.32	394725.71	39.73	Soil	11,220	-0.20
08/24/2021	17:51:53	78769.32	394725.87	39.72	Soil	12,180	0.47
08/24/2021	17:51:54	78769.20	394726.02	39.68	Soil	11,760	0.18
08/24/2021	17:51:55	78769.01	394726.20	39.72	Soil	11,040	-0.33
08/24/2021	17:51:56	78768.81	394726.42	39.71	Soil	11,640	0.09
08/24/2021	17:51:57	78768.62	394726.55	39.73	Soil	11,580	0.05
08/24/2021	17:51:58	78768.50	394726.60	39.72	Soil	9,780	-1.21
08/24/2021	17:51:59	78768.58	394726.54	39.73	Soil	13,020	1.06
08/24/2021	17:52:00	78768.84	394726.42	39.73	Soil	12,840	0.93
08/24/2021	17:52:01	78769.09	394726.32	39.78	Soil	9,960	-1.09
08/24/2021	17:52:02	78769.24	394726.29	39.81	Soil	10,140	-0.96
08/24/2021	17:52:03	78769.33	394726.21	39.81	Soil	12,600	0.76
08/24/2021	17:52:04	78769.43	394726.07	39.83	Soil	11,040	-0.33
08/24/2021	17:52:05	78769.46	394725.94	39.83	Soil	13,260	1.23
08/24/2021	17:52:06	78769.45	394725.87	39.80	Soil	11,940	0.30
08/24/2021	17:52:07	78769.44	394725.87	39.80	Soil	12,960	1.02
08/24/2021	17:52:08	78769.54	394725.90	39.80	Soil	11,640	0.09
08/24/2021	17:52:09	78769.59	394725.92	39.80	Soil	11,640	0.09
08/24/2021	17:52:10	78769.56	394725.91	39.80	Soil	11,940	0.30
08/24/2021	17:52:11	78769.55	394725.91	39.79	Soil	11,100	-0.29
08/24/2021	17:52:12	78769.58	394725.91	39.79	Soil	12,480	0.68
08/24/2021	17:52:13	78769.62	394725.97	39.71	Soil	11,640	0.09
08/24/2021	17:52:14	78769.59	394726.01	39.71	Soil	13,680	1.52
08/24/2021	17:52:15	78769.65	394726.00	39.73	Soil	11,400	-0.08
08/24/2021	17:52:16	78769.71	394725.93	39.69	Soil	11,640	0.09
08/24/2021	17:52:17	78769.67	394725.76	39.71	Soil	12,600	0.76
08/24/2021	17:52:18	78769.73	394725.73	39.71	Soil	11,040	-0.33
08/24/2021	17:52:19	78769.86	394725.71	39.71	Soil	9,780	-1.21
08/24/2021	17:52:20	78769.88	394725.84	39.74	Soil	11,820	0.22
08/24/2021	17:52:21	78769.65	394726.17	39.75	Soil	12,240	0.51
08/24/2021	17:52:22	78769.43	394726.46	39.79	Soil	12,960	1.02
08/24/2021	17:52:23	78769.34	394726.53	39.84	Soil	11,760	0.18
08/24/2021	17:52:24	78769.15	394726.62	39.84	Soil	11,460	-0.04
08/24/2021	17:52:25	78769.02	394726.79	39.83	Soil	12,840	0.93
08/24/2021	17:52:26	78768.98	394726.80	39.82	Soil	12,900	0.98
08/24/2021	17:52:27	78769.06	394726.75	39.87	Soil	12,360	0.60
08/24/2021	17:52:28	78769.24	394726.61	39.93	Soil	12,540	0.72
08/24/2021	17:52:29	78769.35	394726.47	39.95	Soil	11,700	0.13
08/24/2021	17:52:30	78769.30	394726.51	39.93	Soil	11,820	0.22
08/24/2021	17:52:31	78769.01	394726.64	39.99	Soil	11,460	-0.04
08/24/2021	17:52:32	78768.75	394726.72	40.01	Soil	11,460	-0.04
08/24/2021	17:52:33	78768.77	394726.67	40.03	Soil	11,460	-0.04
08/24/2021	17:52:34	78769.01	394726.52	40.04	Soil	11,940	0.30
08/24/2021	17:52:35	78769.28	394726.41	40.10	Soil	10,980	-0.37
08/24/2021	17:52:36	78769.24	394726.60	40.06	Soil	12,060	0.39
08/24/2021	17:52:37	78769.08	394726.84	40.09	Soil	14,280	1.94

SU 7D GWS RESULTS
(SOIL)

08/24/2021	17:52:38	78769.23	394726.81	40.10	Soil	11,760	0.18
08/24/2021	17:52:39	78769.34	394726.71	40.09	Soil	14,700	2.24
08/24/2021	17:52:40	78769.24	394726.88	40.08	Soil	10,860	-0.46
08/24/2021	17:52:41	78769.25	394726.92	40.08	Soil	10,320	-0.84
08/24/2021	17:52:42	78769.37	394726.80	40.09	Soil	11,640	0.09
08/24/2021	17:52:43	78769.56	394726.60	40.12	Soil	11,400	-0.08
08/24/2021	17:52:44	78769.70	394726.47	40.10	Soil	11,880	0.26
08/24/2021	17:52:45	78769.70	394726.57	40.13	Soil	11,820	0.22
08/24/2021	17:52:46	78769.60	394726.86	40.14	Soil	12,180	0.47
08/24/2021	17:52:47	78769.61	394727.01	40.15	Soil	11,520	0.01
08/24/2021	17:52:48	78769.82	394726.87	40.13	Soil	10,620	-0.62
08/24/2021	17:52:49	78770.07	394726.68	40.16	Soil	11,220	-0.20
08/24/2021	17:52:50	78770.22	394726.53	40.13	Soil	13,020	1.06
08/24/2021	17:52:51	78770.23	394726.35	40.09	Soil	10,080	-1.00
08/24/2021	17:52:52	78770.24	394726.32	40.08	Soil	12,120	0.43
08/24/2021	17:52:53	78770.30	394726.46	40.04	Soil	11,760	0.18
08/24/2021	17:52:54	78770.31	394726.80	40.06	Soil	11,400	-0.08
08/24/2021	17:52:55	78770.28	394726.98	40.02	Soil	11,700	0.13
08/24/2021	17:52:56	78770.17	394727.11	40.04	Soil	9,180	-1.64
08/24/2021	17:52:57	78770.13	394727.27	40.07	Soil	13,080	1.10
08/24/2021	17:52:58	78770.19	394727.33	40.02	Soil	12,360	0.60
08/24/2021	17:52:59	78770.19	394727.25	40.07	Soil	12,000	0.34
08/24/2021	17:53:00	78769.96	394726.95	40.14	Soil	10,260	-0.88
08/24/2021	17:53:01	78769.77	394726.53	40.07	Soil	12,960	1.02
08/24/2021	17:53:02	78769.82	394726.52	40.08	Soil	11,160	-0.25
08/24/2021	17:53:03	78770.00	394726.86	40.04	Soil	12,360	0.60
08/24/2021	17:53:04	78770.37	394727.08	39.92	Soil	12,060	0.39
08/24/2021	17:53:05	78770.61	394726.95	39.89	Soil	11,040	-0.33
08/24/2021	17:53:06	78770.77	394726.72	39.91	Soil	12,840	0.93
08/24/2021	17:53:07	78770.86	394726.57	39.88	Soil	11,340	-0.12
08/24/2021	17:53:08	78770.91	394726.41	39.88	Soil	11,640	0.09
08/24/2021	17:53:09	78770.96	394726.29	39.86	Soil	11,520	0.01
08/24/2021	17:53:10	78770.95	394726.38	39.85	Soil	11,760	0.18
08/24/2021	17:53:11	78770.93	394726.58	39.83	Soil	11,820	0.22
08/24/2021	17:53:12	78770.86	394726.78	39.81	Soil	10,800	-0.50
08/24/2021	17:53:13	78770.74	394726.84	39.84	Soil	12,780	0.89
08/24/2021	17:53:14	78770.61	394726.88	39.95	Soil	11,340	-0.12
08/24/2021	17:53:15	78770.40	394726.66	40.00	Soil	12,240	0.51
08/24/2021	17:53:16	78770.29	394726.30	39.97	Soil	11,880	0.26
08/24/2021	17:53:17	78770.39	394726.22	39.95	Soil	10,980	-0.37
08/24/2021	17:53:18	78770.40	394726.43	39.94	Soil	10,140	-0.96
08/24/2021	17:53:19	78770.40	394726.56	39.92	Soil	11,580	0.05
08/24/2021	17:53:20	78770.57	394726.75	39.90	Soil	11,520	0.01
08/24/2021	17:53:21	78770.80	394726.79	39.89	Soil	11,640	0.09
08/24/2021	17:53:22	78770.94	394726.75	39.93	Soil	11,220	-0.20
08/24/2021	17:53:23	78771.11	394726.68	39.91	Soil	12,060	0.39
08/24/2021	17:53:24	78771.10	394726.79	39.91	Soil	12,120	0.43
08/24/2021	17:53:25	78770.90	394727.04	39.94	Soil	12,300	0.55
08/24/2021	17:53:26	78770.75	394727.19	39.97	Soil	12,000	0.34
08/24/2021	17:53:27	78770.69	394727.28	39.97	Soil	12,720	0.85
08/24/2021	17:53:28	78770.67	394727.29	39.98	Soil	12,420	0.64

SU 7D GWS RESULTS
(SOIL)

08/24/2021	17:53:29	78770.69	394727.25	39.99	Soil	9,480	-1.42
08/24/2021	17:53:30	78770.63	394727.22	40.00	Soil	10,260	-0.88
08/24/2021	17:53:31	78770.56	394727.24	39.98	Soil	11,520	0.01
08/24/2021	17:53:32	78770.64	394727.42	39.99	Soil	11,160	-0.25
08/24/2021	17:53:33	78770.60	394727.36	40.03	Soil	11,160	-0.25
08/24/2021	17:53:34	78770.62	394727.36	40.03	Soil	10,620	-0.62
08/24/2021	17:53:35	78770.81	394727.38	40.04	Soil	11,520	0.01
08/24/2021	17:53:36	78770.96	394727.39	40.01	Soil	12,720	0.85
08/24/2021	17:53:37	78771.22	394727.56	39.97	Soil	11,940	0.30
08/24/2021	17:53:38	78771.35	394727.44	40.02	Soil	12,180	0.47
08/24/2021	17:53:39	78771.43	394727.11	40.04	Soil	12,420	0.64
08/24/2021	17:53:40	78771.48	394726.99	40.03	Soil	12,240	0.51
08/24/2021	17:53:41	78771.53	394726.96	40.00	Soil	12,900	0.98
08/24/2021	17:53:42	78771.59	394726.84	40.02	Soil	12,060	0.39
08/24/2021	17:53:43	78771.62	394726.71	40.01	Soil	10,680	-0.58
08/24/2021	17:53:44	78771.68	394726.71	40.01	Soil	12,060	0.39
08/24/2021	17:53:45	78771.53	394726.80	40.01	Soil	11,580	0.05
08/24/2021	17:53:46	78771.30	394726.86	40.03	Soil	11,760	0.18
08/24/2021	17:53:47	78771.29	394726.83	40.03	Soil	12,960	1.02
08/24/2021	17:53:48	78771.20	394726.80	39.99	Soil	12,720	0.85
08/24/2021	17:53:49	78771.20	394726.66	39.98	Soil	11,400	-0.08
08/24/2021	17:53:50	78771.29	394726.58	39.92	Soil	12,240	0.51
08/24/2021	17:53:51	78771.19	394726.70	39.90	Soil	12,120	0.43
08/24/2021	17:53:52	78771.06	394726.89	39.94	Soil	10,620	-0.62
08/24/2021	17:53:53	78770.98	394727.06	39.89	Soil	11,220	-0.20
08/24/2021	17:53:54	78770.89	394727.15	39.90	Soil	12,540	0.72
08/24/2021	17:53:55	78770.76	394727.15	39.93	Soil	13,380	1.31
08/24/2021	17:53:56	78770.77	394727.16	39.95	Soil	12,000	0.34
08/24/2021	17:53:57	78770.89	394727.22	39.88	Soil	10,980	-0.37
08/24/2021	17:53:58	78770.98	394727.19	39.88	Soil	11,580	0.05
08/24/2021	17:53:59	78771.03	394727.27	39.88	Soil	11,700	0.13
08/24/2021	17:54:00	78771.06	394727.31	39.86	Soil	11,820	0.22
08/24/2021	17:54:01	78771.14	394727.26	39.89	Soil	11,040	-0.33
08/24/2021	17:54:02	78771.06	394727.33	39.89	Soil	12,480	0.68
08/24/2021	17:54:03	78771.03	394727.39	39.90	Soil	15,360	2.70
08/24/2021	17:54:04	78771.17	394727.46	39.87	Soil	12,060	0.39
08/24/2021	17:54:05	78771.17	394727.66	39.87	Soil	11,940	0.30
08/24/2021	17:54:06	78771.32	394727.82	39.85	Soil	13,020	1.06
08/24/2021	17:54:07	78771.63	394727.81	39.85	Soil	11,040	-0.33
08/24/2021	17:54:08	78771.73	394727.75	39.83	Soil	11,940	0.30
08/24/2021	17:54:09	78771.79	394727.78	39.82	Soil	12,360	0.60
08/24/2021	17:54:10	78771.88	394727.88	39.82	Soil	10,860	-0.46
08/24/2021	17:54:11	78771.94	394727.94	39.71	Soil	11,820	0.22
08/24/2021	17:54:12	78771.98	394728.02	39.69	Soil	13,680	1.52
08/24/2021	17:54:13	78772.11	394728.08	39.64	Soil	11,400	-0.08
08/24/2021	17:54:14	78772.27	394728.02	39.62	Soil	13,260	1.23
08/24/2021	17:54:15	78772.51	394728.05	39.51	Soil	12,600	0.76
08/24/2021	17:54:16	78772.63	394728.08	39.46	Soil	11,700	0.13
08/24/2021	17:54:17	78772.66	394727.98	39.46	Soil	9,900	-1.13
08/24/2021	17:54:18	78772.68	394727.73	39.48	Soil	10,620	-0.62
08/24/2021	17:54:19	78772.63	394727.56	39.41	Soil	12,540	0.72

SU 7D GWS RESULTS
(SOIL)

08/24/2021	17:54:20	78772.70	394727.61	39.38	Soil	11,460	-0.04
08/24/2021	17:54:21	78772.73	394727.66	39.34	Soil	11,760	0.18
08/24/2021	17:54:22	78772.64	394727.69	39.32	Soil	11,820	0.22
08/24/2021	17:54:23	78772.45	394727.77	39.37	Soil	12,420	0.64
08/24/2021	17:54:24	78772.22	394727.73	39.37	Soil	12,720	0.85
08/24/2021	17:54:25	78772.16	394727.68	39.38	Soil	12,420	0.64
08/24/2021	17:54:26	78772.19	394727.64	39.30	Soil	12,120	0.43
08/24/2021	17:54:27	78772.22	394727.53	39.35	Soil	11,940	0.30
08/24/2021	17:54:28	78772.27	394727.41	39.39	Soil	11,820	0.22
08/24/2021	17:54:29	78772.24	394727.38	39.34	Soil	10,020	-1.05
08/24/2021	17:54:30	78772.18	394727.61	39.30	Soil	10,920	-0.41
08/24/2021	17:54:31	78771.96	394727.78	39.26	Soil	10,140	-0.96
08/24/2021	17:54:32	78771.74	394727.70	39.29	Soil	13,620	1.48
08/24/2021	17:54:33	78771.65	394727.40	39.28	Soil	12,180	0.47
08/24/2021	17:54:34	78771.72	394727.33	39.25	Soil	11,940	0.30
08/24/2021	17:54:35	78771.90	394727.21	39.18	Soil	13,380	1.31
08/24/2021	17:54:36	78771.96	394727.21	39.17	Soil	12,180	0.47
08/24/2021	17:54:37	78771.93	394727.31	39.13	Soil	10,980	-0.37
08/24/2021	17:54:38	78771.90	394727.31	39.09	Soil	11,040	-0.33
08/24/2021	17:54:39	78771.92	394727.36	39.07	Soil	13,380	1.31
08/24/2021	17:54:40	78771.91	394727.37	39.06	Soil	11,280	-0.16
08/24/2021	17:54:41	78771.82	394727.40	39.04	Soil	13,020	1.06
08/24/2021	17:54:42	78771.72	394727.48	39.00	Soil	12,660	0.81
08/24/2021	17:54:43	78771.73	394727.48	38.96	Soil	11,640	0.09
08/24/2021	17:54:44	78771.96	394727.32	39.01	Soil	12,180	0.47
08/24/2021	17:54:45	78772.11	394727.14	39.03	Soil	11,220	-0.20
08/24/2021	17:54:46	78772.08	394727.17	39.03	Soil	14,400	2.03
08/24/2021	17:54:47	78772.07	394727.18	39.05	Soil	12,420	0.64
08/24/2021	17:54:48	78772.06	394727.20	39.02	Soil	13,500	1.40
08/24/2021	17:54:49	78771.96	394727.35	39.00	Soil	11,940	0.30
08/24/2021	17:54:50	78771.91	394727.33	39.00	Soil	11,220	-0.20
08/24/2021	17:54:51	78771.84	394727.34	39.02	Soil	12,360	0.60
08/24/2021	17:54:52	78771.73	394727.27	39.00	Soil	12,300	0.55
08/24/2021	17:54:53	78771.87	394727.04	38.98	Soil	10,620	-0.62
08/24/2021	17:54:54	78771.99	394726.96	38.96	Soil	11,880	0.26
08/24/2021	17:54:55	78771.87	394727.02	38.91	Soil	12,300	0.55
08/24/2021	17:54:56	78771.82	394726.97	38.92	Soil	11,760	0.18
08/24/2021	17:54:57	78771.72	394727.08	38.89	Soil	11,820	0.22
08/24/2021	17:54:58	78771.41	394727.26	38.90	Soil	12,840	0.93
08/24/2021	17:54:59	78771.44	394727.44	38.89	Soil	11,820	0.22
08/24/2021	17:55:00	78771.74	394727.59	38.87	Soil	11,580	0.05
08/24/2021	17:55:01	78771.80	394727.71	38.92	Soil	10,380	-0.79
08/24/2021	17:55:02	78771.92	394727.72	38.93	Soil	11,160	-0.25
08/24/2021	17:55:03	78772.12	394727.58	38.92	Soil	12,240	0.51
08/24/2021	17:55:04	78772.19	394727.59	38.87	Soil	12,180	0.47
08/24/2021	17:55:05	78772.25	394727.38	38.89	Soil	13,980	1.73
08/24/2021	17:55:06	78772.44	394727.12	38.72	Soil	11,340	-0.12
08/24/2021	17:55:07	78772.63	394727.15	38.72	Soil	12,660	0.81
08/24/2021	17:55:08	78772.66	394727.07	38.74	Soil	12,540	0.72
08/24/2021	17:55:09	78772.62	394727.02	38.70	Soil	11,640	0.09
08/24/2021	17:55:10	78772.71	394727.10	38.68	Soil	11,340	-0.12

SU 7D GWS RESULTS
(SOIL)

08/24/2021	17:55:11	78772.73	394727.10	38.66	Soil	10,020	-1.05
08/24/2021	17:55:12	78772.79	394727.29	38.66	Soil	11,100	-0.29
08/24/2021	17:55:13	78772.78	394727.27	38.75	Soil	11,520	0.01
08/24/2021	17:55:14	78772.72	394727.09	38.76	Soil	11,640	0.09
08/24/2021	17:55:15	78772.69	394726.99	38.79	Soil	11,460	-0.04
08/24/2021	17:55:16	78772.56	394726.86	38.95	Soil	12,120	0.43
08/24/2021	17:55:17	78772.24	394726.71	38.90	Soil	10,200	-0.92
08/24/2021	17:55:18	78772.08	394726.68	38.89	Soil	11,220	-0.20
08/24/2021	17:55:19	78772.15	394726.66	38.87	Soil	13,020	1.06
08/24/2021	17:55:20	78772.19	394726.59	38.88	Soil	12,900	0.98
08/24/2021	17:55:21	78772.12	394726.61	38.82	Soil	12,300	0.55
08/24/2021	17:55:22	78772.25	394726.47	38.82	Soil	12,300	0.55
08/24/2021	17:55:23	78772.37	394726.45	38.88	Soil	11,580	0.05
08/24/2021	17:55:24	78772.53	394726.83	38.68	Soil	12,000	0.34
08/24/2021	17:55:25	78772.68	394727.34	38.61	Soil	11,460	-0.04
08/24/2021	17:55:26	78772.68	394727.47	38.64	Soil	12,480	0.68
08/24/2021	17:55:27	78772.65	394727.51	38.65	Soil	12,660	0.81
08/24/2021	17:55:28	78772.75	394727.35	38.68	Soil	12,840	0.93
08/24/2021	17:55:29	78772.88	394727.11	38.68	Soil	13,020	1.06
08/24/2021	17:55:30	78772.85	394727.00	38.70	Soil	11,460	-0.04
08/24/2021	17:55:31	78772.83	394726.92	38.70	Soil	12,060	0.39
08/24/2021	17:55:32	78772.85	394726.97	38.67	Soil	11,400	-0.08
08/24/2021	17:55:33	78772.89	394727.23	38.68	Soil	11,820	0.22
08/24/2021	17:55:34	78772.86	394727.14	38.80	Soil	12,840	0.93
08/24/2021	17:55:35	78772.59	394726.71	38.95	Soil	10,740	-0.54
08/24/2021	17:55:36	78772.19	394726.51	38.89	Soil	11,880	0.26
08/24/2021	17:55:37	78772.02	394726.76	39.01	Soil	11,700	0.13
08/24/2021	17:55:38	78771.92	394727.02	38.99	Soil	11,220	-0.20
08/24/2021	17:55:39	78771.83	394726.93	39.04	Soil	11,100	-0.29
08/24/2021	17:55:40	78771.77	394726.99	39.06	Soil	11,700	0.13
08/24/2021	17:55:41	78771.69	394727.18	39.09	Soil	12,720	0.85
08/24/2021	17:55:42	78771.74	394727.44	39.10	Soil	10,860	-0.46
08/24/2021	17:55:43	78771.95	394727.69	39.04	Soil	12,000	0.34
08/24/2021	17:55:44	78772.08	394727.88	39.00	Soil	11,580	0.05
08/24/2021	17:55:45	78772.09	394727.96	39.01	Soil	11,520	0.01
08/24/2021	17:55:46	78772.11	394728.05	39.00	Soil	11,880	0.26
08/24/2021	17:55:47	78772.21	394728.02	39.04	Soil	11,880	0.26
08/24/2021	17:55:48	78772.21	394728.03	39.04	Soil	11,040	-0.33
08/24/2021	17:55:49	78772.22	394728.02	39.07	Soil	12,300	0.55
08/24/2021	17:55:50	78772.18	394728.01	39.07	Soil	10,200	-0.92
08/24/2021	17:55:51	78772.12	394727.99	39.09	Soil	12,840	0.93
08/24/2021	17:55:52	78772.17	394728.00	39.06	Soil	11,880	0.26
08/24/2021	17:55:53	78772.33	394728.04	39.04	Soil	10,440	-0.75
08/24/2021	17:55:54	78772.37	394728.11	39.04	Soil	11,100	-0.29
08/24/2021	17:55:55	78772.40	394728.11	39.04	Soil	11,640	0.09
08/24/2021	17:55:56	78772.42	394728.13	39.05	Soil	11,280	-0.16
08/24/2021	17:55:57	78772.43	394728.14	39.06	Soil	9,960	-1.09
08/24/2021	17:55:58	78772.44	394728.15	39.06	Soil	12,240	0.51
08/24/2021	17:55:59	78772.45	394728.16	39.07	Soil	11,220	-0.20
08/24/2021	17:56:00	78772.46	394728.16	39.07	Soil	12,900	0.98
08/24/2021	17:56:01	78772.47	394728.17	39.07	Soil	12,720	0.85

SU 7D GWS RESULTS
(SOIL)

08/24/2021	17:56:02	78772.47	394728.17	39.09	Soil	12,060	0.39
08/24/2021	17:56:03	78772.48	394728.16	39.10	Soil	10,800	-0.50
08/24/2021	17:56:04	78772.50	394728.15	39.11	Soil	9,600	-1.34
08/24/2021	17:56:05	78772.50	394728.15	39.10	Soil	11,160	-0.25
08/24/2021	17:56:06	78772.50	394728.16	39.11	Soil	11,340	-0.12
08/24/2021	17:56:07	78772.44	394728.17	39.06	Soil	11,100	-0.29
08/24/2021	17:56:08	78772.30	394728.12	39.10	Soil	12,120	0.43
08/24/2021	17:56:09	78772.25	394728.11	39.14	Soil	11,040	-0.33
08/24/2021	17:56:10	78772.18	394728.17	39.20	Soil	11,160	-0.25
08/24/2021	17:56:11	78772.33	394728.15	39.11	Soil	10,980	-0.37
08/24/2021	17:56:12	78772.51	394728.11	39.05	Soil	11,820	0.22
08/24/2021	17:56:13	78772.56	394728.10	39.04	Soil	11,160	-0.25
08/24/2021	17:56:14	78772.59	394728.15	39.07	Soil	11,340	-0.12
08/24/2021	17:56:15	78772.54	394728.29	39.08	Soil	11,640	0.09
08/24/2021	17:56:16	78772.53	394728.36	39.10	Soil	10,860	-0.46
08/24/2021	17:56:17	78772.51	394728.40	39.10	Soil	9,900	-1.13
08/24/2021	17:56:18	78772.52	394728.40	39.11	Soil	10,560	-0.67
08/24/2021	17:56:19	78772.51	394728.44	39.14	Soil	10,800	-0.50
08/24/2021	17:56:20	78772.46	394728.45	39.14	Soil	11,340	-0.12
08/24/2021	17:56:21	78772.50	394728.30	39.18	Soil	11,760	0.18
08/24/2021	17:56:22	78772.45	394728.31	39.24	Soil	11,580	0.05
08/24/2021	17:56:23	78772.26	394728.51	39.29	Soil	11,400	-0.08
08/24/2021	17:56:24	78772.15	394728.41	39.37	Soil	11,100	-0.29
08/24/2021	17:56:25	78772.19	394728.16	39.38	Soil	10,980	-0.37
08/24/2021	17:56:26	78772.03	394728.16	39.47	Soil	11,640	0.09
08/24/2021	17:56:27	78771.75	394728.34	39.55	Soil	12,480	0.68
08/24/2021	17:56:28	78771.73	394728.29	39.56	Soil	11,040	-0.33
08/24/2021	17:56:29	78771.75	394728.09	39.57	Soil	12,840	0.93
08/24/2021	17:56:30	78771.80	394727.95	39.54	Soil	12,840	0.93
08/24/2021	17:56:31	78771.73	394727.99	39.52	Soil	13,140	1.14
08/24/2021	17:56:32	78771.52	394728.11	39.56	Soil	11,640	0.09
08/24/2021	17:56:33	78771.50	394727.97	39.59	Soil	11,640	0.09
08/24/2021	17:56:34	78771.43	394727.88	39.61	Soil	13,260	1.23
08/24/2021	17:56:35	78771.18	394728.16	39.57	Soil	11,460	-0.04
08/24/2021	17:56:36	78771.08	394728.23	39.58	Soil	12,360	0.60
08/24/2021	17:56:37	78771.11	394727.94	39.60	Soil	11,760	0.18
08/24/2021	17:56:38	78771.23	394727.67	39.60	Soil	10,200	-0.92
08/24/2021	17:56:39	78771.19	394727.69	39.65	Soil	11,940	0.30
08/24/2021	17:56:40	78770.89	394727.94	39.67	Soil	11,820	0.22
08/24/2021	17:56:41	78770.59	394728.06	39.66	Soil	12,960	1.02
08/24/2021	17:56:42	78770.63	394727.81	39.69	Soil	11,100	-0.29
08/24/2021	17:56:43	78770.75	394727.55	39.72	Soil	12,840	0.93
08/24/2021	17:56:44	78770.87	394727.42	39.75	Soil	11,280	-0.16
08/24/2021	17:56:45	78770.94	394727.29	39.77	Soil	10,680	-0.58
08/24/2021	17:56:46	78770.71	394727.28	39.77	Soil	13,200	1.19
08/24/2021	17:56:47	78770.40	394727.34	39.77	Soil	10,980	-0.37
08/24/2021	17:56:48	78770.16	394727.53	39.79	Soil	11,460	-0.04
08/24/2021	17:56:49	78770.14	394727.71	39.81	Soil	11,700	0.13
08/24/2021	17:56:50	78770.15	394727.71	39.77	Soil	11,700	0.13
08/24/2021	17:56:51	78770.21	394727.43	39.80	Soil	14,640	2.20
08/24/2021	17:56:52	78770.28	394727.22	39.85	Soil	10,500	-0.71

SU 7D GWS RESULTS
(SOIL)

08/24/2021	17:56:53	78770.20	394727.36	39.82	Soil	12,060	0.39
08/24/2021	17:56:54	78769.99	394727.56	39.80	Soil	12,180	0.47
08/24/2021	17:56:55	78769.87	394727.61	39.79	Soil	12,480	0.68
08/24/2021	17:56:56	78769.95	394727.58	39.82	Soil	11,340	-0.12
08/24/2021	17:56:57	78770.01	394727.62	39.80	Soil	12,600	0.76
08/24/2021	17:56:58	78770.08	394727.65	39.68	Soil	11,760	0.18
08/24/2021	17:56:59	78770.11	394727.66	39.62	Soil	11,100	-0.29
08/24/2021	17:57:00	78770.12	394727.68	39.65	Soil	10,500	-0.71
08/24/2021	17:57:01	78770.25	394727.68	39.62	Soil	10,920	-0.41
08/24/2021	17:57:02	78770.49	394727.62	39.56	Soil	11,280	-0.16
08/24/2021	17:57:03	78770.64	394727.74	39.50	Soil	11,340	-0.12
08/24/2021	17:57:04	78770.66	394727.92	39.44	Soil	11,880	0.26
08/24/2021	17:57:05	78770.72	394727.87	39.40	Soil	9,900	-1.13
08/24/2021	17:57:06	78770.88	394727.75	39.34	Soil	13,260	1.23
08/24/2021	17:57:07	78770.89	394727.82	39.33	Soil	11,400	-0.08
08/24/2021	17:57:08	78770.96	394727.84	39.31	Soil	11,760	0.18
08/24/2021	17:57:09	78770.92	394728.02	39.30	Soil	11,400	-0.08
08/24/2021	17:57:10	78770.89	394728.08	39.27	Soil	12,600	0.76
08/24/2021	17:57:11	78770.91	394728.01	39.24	Soil	11,640	0.09
08/24/2021	17:57:12	78770.92	394728.07	39.22	Soil	11,880	0.26
08/24/2021	17:57:13	78770.94	394728.05	39.20	Soil	10,980	-0.37
08/24/2021	17:57:14	78770.94	394728.02	39.19	Soil	10,680	-0.58
08/24/2021	17:57:15	78770.99	394727.89	39.16	Soil	10,560	-0.67
08/24/2021	17:57:16	78771.03	394727.84	39.12	Soil	10,860	-0.46
08/24/2021	17:57:17	78771.01	394727.90	39.08	Soil	11,700	0.13
08/24/2021	17:57:18	78771.08	394727.84	39.10	Soil	12,180	0.47
08/24/2021	17:57:19	78771.14	394727.82	39.04	Soil	12,600	0.76
08/24/2021	17:57:20	78771.22	394727.79	39.06	Soil	12,060	0.39
08/24/2021	17:57:21	78771.27	394727.72	38.99	Soil	11,580	0.05
08/24/2021	17:57:22	78771.35	394727.71	39.00	Soil	11,940	0.30
08/24/2021	17:57:23	78771.29	394727.79	39.02	Soil	11,100	-0.29
08/24/2021	17:57:24	78771.20	394727.91	39.09	Soil	11,700	0.13
08/24/2021	17:57:25	78771.24	394727.94	39.06	Soil	12,180	0.47
08/24/2021	17:57:26	78771.22	394727.83	39.03	Soil	11,340	-0.12
08/24/2021	17:57:27	78771.18	394727.71	39.03	Soil	10,740	-0.54
08/24/2021	17:57:28	78771.18	394727.60	39.03	Soil	11,400	-0.08
08/24/2021	17:57:29	78771.12	394727.73	39.04	Soil	10,140	-0.96
08/24/2021	17:57:30	78770.95	394727.78	39.02	Soil	12,120	0.43
08/24/2021	17:57:31	78771.11	394727.57	39.00	Soil	11,640	0.09
08/24/2021	17:57:32	78771.16	394727.57	39.00	Soil	13,320	1.27
08/24/2021	17:57:33	78770.98	394727.74	39.03	Soil	12,060	0.39
08/24/2021	17:57:34	78770.79	394727.85	39.07	Soil	10,980	-0.37
08/24/2021	17:57:35	78770.83	394727.79	39.09	Soil	12,060	0.39
08/24/2021	17:57:36	78770.92	394727.60	39.09	Soil	12,780	0.89
08/24/2021	17:57:37	78770.93	394727.35	39.14	Soil	12,240	0.51
08/24/2021	17:57:38	78770.70	394727.48	39.17	Soil	12,360	0.60
08/24/2021	17:57:39	78770.43	394727.63	39.17	Soil	12,060	0.39
08/24/2021	17:57:40	78770.30	394727.76	39.18	Soil	10,980	-0.37
08/24/2021	17:57:41	78770.37	394727.83	39.18	Soil	9,840	-1.17
08/24/2021	17:57:42	78770.37	394727.90	39.15	Soil	11,520	0.01
08/24/2021	17:57:43	78770.31	394728.03	39.20	Soil	11,400	-0.08

SU 7D GWS RESULTS
(SOIL)

08/24/2021	17:57:44	78770.25	394727.95	39.31	Soil	11,100	-0.29
08/24/2021	17:57:45	78770.23	394727.74	39.33	Soil	11,760	0.18
08/24/2021	17:57:46	78770.32	394727.53	39.31	Soil	11,760	0.18
08/24/2021	17:57:47	78770.31	394727.38	39.29	Soil	12,600	0.76
08/24/2021	17:57:48	78770.32	394727.31	39.24	Soil	9,900	-1.13
08/24/2021	17:57:49	78770.49	394727.20	39.17	Soil	12,420	0.64
08/24/2021	17:57:50	78770.62	394727.17	39.19	Soil	12,180	0.47
08/24/2021	17:57:51	78770.55	394727.30	39.14	Soil	13,140	1.14
08/24/2021	17:57:52	78770.29	394727.52	39.10	Soil	12,180	0.47
08/24/2021	17:57:53	78770.09	394727.80	39.07	Soil	9,960	-1.09
08/24/2021	17:57:54	78770.06	394727.97	39.11	Soil	11,940	0.30
08/24/2021	17:57:55	78770.00	394727.97	39.05	Soil	12,060	0.39
08/24/2021	17:57:56	78769.96	394727.66	39.00	Soil	12,360	0.60
08/24/2021	17:57:57	78769.96	394727.42	38.98	Soil	11,160	-0.25
08/24/2021	17:57:58	78769.98	394727.33	38.96	Soil	13,140	1.14
08/24/2021	17:57:59	78770.02	394727.19	38.92	Soil	11,820	0.22
08/24/2021	17:58:00	78770.06	394727.09	38.89	Soil	10,920	-0.41
08/24/2021	17:58:01	78770.09	394727.04	38.88	Soil	11,160	-0.25
08/24/2021	17:58:02	78769.99	394727.27	38.81	Soil	11,340	-0.12
08/24/2021	17:58:03	78769.91	394727.48	38.79	Soil	11,100	-0.29
08/24/2021	17:58:04	78769.81	394727.59	38.79	Soil	12,120	0.43
08/24/2021	17:58:05	78769.74	394727.81	38.83	Soil	10,320	-0.84
08/24/2021	17:58:06	78769.68	394728.06	38.84	Soil	13,440	1.35
08/24/2021	17:58:07	78769.68	394728.08	38.82	Soil	12,060	0.39
08/24/2021	17:58:08	78769.66	394727.89	38.80	Soil	10,740	-0.54
08/24/2021	17:58:09	78769.72	394727.61	38.82	Soil	11,460	-0.04
08/24/2021	17:58:10	78769.84	394727.31	38.82	Soil	11,040	-0.33
08/24/2021	17:58:11	78769.99	394727.14	38.84	Soil	11,100	-0.29
08/24/2021	17:58:12	78770.13	394727.07	38.83	Soil	11,820	0.22
08/24/2021	17:58:13	78769.93	394727.26	38.84	Soil	11,340	-0.12
08/24/2021	17:58:14	78769.58	394727.45	38.83	Soil	12,840	0.93
08/24/2021	17:58:15	78769.48	394727.64	38.88	Soil	11,040	-0.33
08/24/2021	17:58:16	78769.38	394727.74	38.84	Soil	12,900	0.98
08/24/2021	17:58:17	78769.40	394727.65	38.83	Soil	10,920	-0.41
08/24/2021	17:58:18	78769.53	394727.32	38.84	Soil	10,440	-0.75
08/24/2021	17:58:19	78769.63	394727.09	38.82	Soil	10,860	-0.46
08/24/2021	17:58:20	78769.79	394727.00	38.84	Soil	12,240	0.51
08/24/2021	17:58:21	78769.94	394726.92	38.84	Soil	11,640	0.09
08/24/2021	17:58:22	78769.76	394726.93	38.86	Soil	12,480	0.68
08/24/2021	17:58:23	78769.44	394726.95	38.87	Soil	10,260	-0.88
08/24/2021	17:58:24	78769.26	394727.06	38.85	Soil	12,000	0.34
08/24/2021	17:58:25	78769.17	394727.24	38.86	Soil	11,520	0.01
08/24/2021	17:58:26	78769.12	394727.35	38.86	Soil	11,400	-0.08
08/24/2021	17:58:27	78769.08	394727.48	38.88	Soil	9,540	-1.38
08/24/2021	17:58:28	78768.99	394727.67	38.90	Soil	12,240	0.51
08/24/2021	17:58:29	78768.96	394727.73	38.89	Soil	10,800	-0.50
08/24/2021	17:58:30	78769.02	394727.44	38.89	Soil	12,180	0.47
08/24/2021	17:58:31	78769.14	394727.08	38.89	Soil	11,640	0.09
08/24/2021	17:58:32	78769.34	394726.81	38.90	Soil	12,480	0.68
08/24/2021	17:58:33	78769.45	394726.73	38.90	Soil	13,140	1.14
08/24/2021	17:58:34	78769.46	394726.73	38.91	Soil	13,860	1.65

SU 7D GWS RESULTS
(SOIL)

08/24/2021	17:58:35	78769.38	394726.86	38.93	Soil	10,800	-0.50
08/24/2021	17:58:36	78769.32	394727.09	38.89	Soil	10,560	-0.67
08/24/2021	17:58:37	78769.20	394727.32	38.89	Soil	11,880	0.26
08/24/2021	17:58:38	78769.05	394727.56	38.92	Soil	11,940	0.30
08/24/2021	17:58:39	78768.99	394727.67	38.91	Soil	10,140	-0.96
08/24/2021	17:58:40	78769.06	394727.59	38.89	Soil	12,600	0.76
08/24/2021	17:58:41	78769.05	394727.50	38.87	Soil	13,380	1.31
08/24/2021	17:58:42	78769.11	394727.31	38.87	Soil	11,580	0.05
08/24/2021	17:58:43	78769.30	394726.89	38.86	Soil	12,060	0.39
08/24/2021	17:58:44	78769.36	394726.76	38.89	Soil	11,460	-0.04
08/24/2021	17:58:45	78769.14	394726.95	38.93	Soil	11,760	0.18
08/24/2021	17:58:46	78768.85	394727.12	38.93	Soil	11,820	0.22
08/24/2021	17:58:47	78768.69	394727.33	38.97	Soil	11,880	0.26
08/24/2021	17:58:48	78768.68	394727.51	38.99	Soil	11,760	0.18
08/24/2021	17:58:49	78768.69	394727.50	38.96	Soil	11,880	0.26
08/24/2021	17:58:50	78768.63	394727.44	38.94	Soil	13,020	1.06
08/24/2021	17:58:51	78768.63	394727.21	38.93	Soil	12,960	1.02
08/24/2021	17:58:52	78768.73	394726.89	38.94	Soil	11,160	-0.25
08/24/2021	17:58:53	78768.86	394726.69	38.94	Soil	10,200	-0.92
08/24/2021	17:58:54	78768.89	394726.58	38.95	Soil	14,700	2.24
08/24/2021	17:58:55	78768.87	394726.64	38.95	Soil	10,080	-1.00
08/24/2021	17:58:56	78768.64	394726.98	38.94	Soil	13,380	1.31
08/24/2021	17:58:57	78768.48	394727.22	38.95	Soil	12,360	0.60
08/24/2021	17:58:58	78768.32	394727.36	38.95	Soil	11,280	-0.16
08/24/2021	17:58:59	78768.20	394727.33	38.92	Soil	13,800	1.61
08/24/2021	17:59:00	78768.25	394727.02	38.95	Soil	11,400	-0.08
08/24/2021	17:59:01	78768.37	394726.77	38.96	Soil	12,300	0.55
08/24/2021	17:59:02	78768.55	394726.62	38.96	Soil	12,240	0.51
08/24/2021	17:59:03	78768.65	394726.62	38.97	Soil	12,660	0.81
08/24/2021	17:59:04	78768.44	394726.78	38.94	Soil	11,100	-0.29
08/24/2021	17:59:05	78768.15	394726.96	38.97	Soil	12,300	0.55
08/24/2021	17:59:06	78768.17	394726.83	39.00	Soil	12,120	0.43
08/24/2021	17:59:07	78768.35	394726.54	39.04	Soil	12,420	0.64
08/24/2021	17:59:08	78768.52	394726.38	39.01	Soil	12,600	0.76
08/24/2021	17:59:09	78768.45	394726.41	39.02	Soil	13,080	1.10
08/24/2021	17:59:10	78768.18	394726.58	39.03	Soil	11,880	0.26
08/24/2021	17:59:11	78768.01	394726.56	39.03	Soil	10,500	-0.71
08/24/2021	17:59:12	78768.11	394726.37	39.05	Soil	12,180	0.47
08/24/2021	17:59:13	78768.28	394726.20	39.04	Soil	11,280	-0.16
08/24/2021	17:59:14	78768.39	394726.15	39.04	Soil	11,040	-0.33
08/24/2021	17:59:15	78768.26	394726.31	39.09	Soil	10,740	-0.54
08/24/2021	17:59:16	78768.00	394726.38	39.11	Soil	11,460	-0.04
08/24/2021	17:59:17	78767.77	394726.46	39.16	Soil	11,880	0.26
08/24/2021	17:59:18	78767.69	394726.58	39.19	Soil	11,880	0.26
08/24/2021	17:59:19	78767.60	394726.70	39.23	Soil	10,800	-0.50
08/24/2021	17:59:20	78767.61	394726.76	39.24	Soil	12,300	0.55
08/24/2021	17:59:21	78767.59	394726.74	39.26	Soil	12,180	0.47
08/24/2021	17:59:22	78767.55	394726.77	39.27	Soil	9,540	-1.38
08/24/2021	17:59:23	78767.54	394726.73	39.26	Soil	11,400	-0.08
08/24/2021	17:59:24	78767.61	394726.66	39.26	Soil	10,440	-0.75
08/24/2021	17:59:25	78767.73	394726.57	39.31	Soil	11,760	0.18

SU 7D GWS RESULTS
(SOIL)

08/24/2021	17:59:26	78767.93	394726.47	39.32	Soil	12,780	0.89
08/24/2021	17:59:27	78767.95	394726.61	39.27	Soil	11,040	-0.33
08/24/2021	17:59:28	78768.09	394726.60	39.23	Soil	10,740	-0.54
08/24/2021	17:59:29	78768.38	394726.38	39.22	Soil	10,800	-0.50
08/24/2021	17:59:30	78768.45	394726.39	39.17	Soil	11,460	-0.04
08/24/2021	17:59:31	78768.19	394726.60	39.18	Soil	12,000	0.34
08/24/2021	17:59:32	78768.07	394726.96	39.18	Soil	12,000	0.34
08/24/2021	17:59:33	78767.98	394727.35	39.20	Soil	11,220	-0.20
08/24/2021	17:59:34	78768.15	394727.24	39.23	Soil	12,180	0.47
08/24/2021	17:59:35	78768.21	394727.21	39.28	Soil	12,780	0.89
08/24/2021	17:59:36	78768.18	394727.21	39.32	Soil	12,660	0.81
08/24/2021	17:59:37	78768.19	394727.20	39.39	Soil	11,280	-0.16
08/24/2021	17:59:38	78768.01	394727.20	39.44	Soil	11,520	0.01
08/24/2021	17:59:39	78768.11	394727.00	39.46	Soil	11,520	0.01
08/24/2021	17:59:40	78768.11	394726.86	39.50	Soil	11,820	0.22
08/24/2021	17:59:41	78767.76	394726.98	39.52	Soil	13,260	1.23
08/24/2021	17:59:42	78767.49	394727.06	39.59	Soil	12,600	0.76
08/24/2021	17:59:43	78767.29	394727.05	39.62	Soil	11,520	0.01
08/24/2021	17:59:44	78767.43	394727.00	39.70	Soil	10,860	-0.46
08/24/2021	17:59:45	78767.69	394726.95	39.74	Soil	10,800	-0.50
08/24/2021	17:59:46	78767.88	394727.16	39.83	Soil	12,540	0.72
08/24/2021	17:59:47	78767.98	394727.17	39.83	Soil	11,940	0.30
08/24/2021	17:59:48	78767.83	394727.05	39.85	Soil	11,520	0.01
08/24/2021	17:59:49	78767.72	394726.90	39.87	Soil	11,460	-0.04
08/24/2021	17:59:50	78767.81	394726.92	39.90	Soil	11,580	0.05
08/24/2021	17:59:51	78767.75	394726.80	39.91	Soil	11,700	0.13
08/24/2021	17:59:52	78767.80	394726.70	39.96	Soil	12,120	0.43
08/24/2021	17:59:53	78767.89	394726.66	39.91	Soil	10,800	-0.50
08/24/2021	17:59:54	78767.83	394726.53	39.94	Soil	11,460	-0.04
08/24/2021	17:59:55	78767.89	394726.67	39.92	Soil	10,080	-1.00
08/24/2021	17:59:56	78767.83	394726.57	39.95	Soil	11,280	-0.16
08/24/2021	17:59:57	78767.92	394726.59	39.94	Soil	11,760	0.18
08/24/2021	17:59:58	78767.66	394726.40	39.96	Soil	13,020	1.06
08/24/2021	17:59:59	78767.94	394726.35	39.96	Soil	11,400	-0.08
08/24/2021	18:00:00	78767.92	394726.23	39.96	Soil	11,460	-0.04
08/24/2021	18:00:01	78767.70	394726.14	39.96	Soil	12,060	0.39
08/24/2021	18:00:02	78767.75	394725.96	39.95	Soil	13,320	1.27
08/24/2021	18:00:03	78767.60	394725.91	39.95	Soil	11,280	-0.16
08/24/2021	18:00:04	78767.27	394726.09	39.96	Soil	12,120	0.43
08/24/2021	18:00:05	78767.21	394725.94	39.94	Soil	11,880	0.26
08/24/2021	18:00:06	78767.29	394725.71	39.99	Soil	11,880	0.26
08/24/2021	18:00:07	78767.34	394725.66	39.95	Soil	10,920	-0.41
08/24/2021	18:00:08	78767.16	394725.93	39.97	Soil	11,400	-0.08
08/24/2021	18:00:09	78766.98	394726.28	40.00	Soil	10,740	-0.54
08/24/2021	18:00:10	78766.86	394726.50	40.01	Soil	11,580	0.05
08/24/2021	18:00:11	78766.83	394726.60	40.03	Soil	11,460	-0.04
08/24/2021	18:00:12	78766.79	394726.68	40.04	Soil	11,820	0.22
08/24/2021	18:00:13	78766.84	394726.56	40.05	Soil	11,340	-0.12
08/24/2021	18:00:14	78766.96	394726.29	40.08	Soil	13,500	1.40
08/24/2021	18:00:15	78767.08	394726.17	40.07	Soil	12,540	0.72
08/24/2021	18:00:16	78767.22	394726.05	40.09	Soil	12,240	0.51

SU 7D GWS RESULTS
(SOIL)

08/24/2021	18:00:17	78767.37	394725.93	40.08	Soil	13,200	1.19
08/24/2021	18:00:18	78767.44	394725.96	40.11	Soil	13,080	1.10
08/24/2021	18:00:19	78767.45	394726.07	40.08	Soil	13,500	1.40
08/24/2021	18:00:20	78767.41	394726.14	40.10	Soil	11,700	0.13
08/24/2021	18:00:21	78767.30	394726.38	40.08	Soil	13,380	1.31
08/24/2021	18:00:22	78767.27	394726.63	40.11	Soil	11,220	-0.20
08/24/2021	18:00:23	78767.21	394726.79	40.12	Soil	12,120	0.43
08/24/2021	18:00:24	78767.14	394726.89	40.09	Soil	12,060	0.39
08/24/2021	18:00:25	78767.19	394726.88	40.10	Soil	12,000	0.34
08/24/2021	18:00:26	78767.27	394726.66	40.11	Soil	13,740	1.56
08/24/2021	18:00:27	78767.29	394726.49	40.14	Soil	10,140	-0.96
08/24/2021	18:00:28	78767.40	394726.29	40.13	Soil	12,480	0.68
08/24/2021	18:00:29	78767.32	394726.35	40.10	Soil	10,980	-0.37
08/24/2021	18:00:30	78767.15	394726.60	40.12	Soil	11,400	-0.08
08/24/2021	18:00:31	78766.96	394726.73	40.12	Soil	12,000	0.34
08/24/2021	18:00:32	78766.97	394726.51	40.12	Soil	10,980	-0.37
08/24/2021	18:00:33	78767.09	394726.32	40.14	Soil	10,140	-0.96
08/24/2021	18:00:34	78766.98	394726.40	40.14	Soil	11,280	-0.16
08/24/2021	18:00:35	78766.82	394726.46	40.11	Soil	11,460	-0.04
08/24/2021	18:00:36	78766.95	394726.17	40.09	Soil	11,940	0.30
08/24/2021	18:00:37	78767.02	394726.00	40.04	Soil	12,240	0.51
08/24/2021	18:00:38	78766.78	394726.09	40.01	Soil	11,460	-0.04
08/24/2021	18:00:39	78766.65	394726.12	40.02	Soil	10,920	-0.41
08/24/2021	18:00:40	78766.62	394725.94	39.95	Soil	10,740	-0.54
08/24/2021	18:00:41	78766.73	394725.80	39.91	Soil	10,800	-0.50
08/24/2021	18:00:42	78766.60	394726.00	39.96	Soil	12,420	0.64
08/24/2021	18:00:43	78766.42	394726.28	39.90	Soil	10,920	-0.41
08/24/2021	18:00:44	78766.45	394726.21	39.88	Soil	10,080	-1.00
08/24/2021	18:00:45	78766.55	394725.91	39.84	Soil	12,300	0.55
08/24/2021	18:00:46	78766.61	394725.85	39.86	Soil	12,960	1.02
08/24/2021	18:00:47	78766.46	394726.12	39.82	Soil	12,240	0.51
08/24/2021	18:00:48	78766.36	394726.43	39.78	Soil	11,220	-0.20
08/24/2021	18:00:49	78766.40	394726.25	39.77	Soil	12,600	0.76
08/24/2021	18:00:50	78766.48	394726.00	39.74	Soil	11,640	0.09
08/24/2021	18:00:51	78766.55	394725.86	39.73	Soil	11,460	-0.04
08/24/2021	18:00:52	78766.60	394725.77	39.71	Soil	14,400	2.03
08/24/2021	18:00:53	78766.46	394725.98	39.66	Soil	11,700	0.13
08/24/2021	18:00:54	78766.36	394726.31	39.68	Soil	11,640	0.09
08/24/2021	18:00:55	78766.31	394726.53	39.71	Soil	11,160	-0.25
08/24/2021	18:00:56	78766.45	394726.52	39.75	Soil	11,640	0.09
08/24/2021	18:00:57	78766.89	394726.46	39.74	Soil	10,440	-0.75
08/24/2021	18:00:58	78766.94	394726.53	39.72	Soil	12,900	0.98
08/24/2021	18:00:59	78766.85	394726.74	39.69	Soil	11,220	-0.20
08/24/2021	18:01:00	78766.83	394726.61	39.79	Soil	12,480	0.68
08/24/2021	18:01:01	78766.84	394726.26	39.76	Soil	11,640	0.09
08/24/2021	18:01:02	78766.58	394726.36	39.76	Soil	11,040	-0.33
08/24/2021	18:01:03	78766.44	394726.30	39.80	Soil	12,360	0.60
08/24/2021	18:01:04	78766.62	394725.83	39.77	Soil	13,860	1.65
08/24/2021	18:01:05	78766.59	394725.66	39.76	Soil	11,760	0.18
08/24/2021	18:01:06	78766.54	394725.70	39.73	Soil	12,660	0.81
08/24/2021	18:01:07	78766.26	394726.03	39.67	Soil	10,260	-0.88

SU 7D GWS RESULTS
(SOIL)

08/24/2021	18:01:08	78766.04	394726.15	39.75	Soil	11,940	0.30
08/24/2021	18:01:09	78765.92	394726.20	39.74	Soil	9,720	-1.26
08/24/2021	18:01:10	78765.86	394726.10	39.75	Soil	11,760	0.18
08/24/2021	18:01:11	78765.82	394725.98	39.79	Soil	11,040	-0.33
08/24/2021	18:01:12	78765.78	394726.20	39.82	Soil	12,120	0.43
08/24/2021	18:01:13	78765.94	394726.16	39.87	Soil	12,480	0.68
08/24/2021	18:01:14	78765.97	394726.20	39.91	Soil	11,760	0.18
08/24/2021	18:01:15	78765.87	394726.37	39.92	Soil	10,200	-0.92
08/24/2021	18:01:16	78766.00	394726.30	39.95	Soil	10,680	-0.58
08/24/2021	18:01:17	78766.12	394726.22	39.95	Soil	10,620	-0.62
08/24/2021	18:01:18	78765.87	394726.34	39.97	Soil	12,960	1.02
08/24/2021	18:01:19	78765.73	394726.43	39.97	Soil	11,640	0.09
08/24/2021	18:01:20	78765.98	394726.38	40.01	Soil	11,040	-0.33
08/24/2021	18:01:21	78766.29	394726.27	40.02	Soil	11,760	0.18
08/24/2021	18:01:22	78766.27	394726.30	39.97	Soil	11,760	0.18
08/24/2021	18:01:23	78766.05	394726.58	40.01	Soil	10,920	-0.41
08/24/2021	18:01:24	78765.84	394726.73	40.07	Soil	11,520	0.01
08/24/2021	18:01:25	78765.91	394726.78	40.06	Soil	11,460	-0.04
08/24/2021	18:01:26	78766.21	394726.61	40.07	Soil	9,660	-1.30
08/24/2021	18:01:27	78766.51	394726.56	40.13	Soil	12,960	1.02
08/24/2021	18:01:28	78766.60	394726.58	40.10	Soil	10,920	-0.41
08/24/2021	18:01:29	78766.45	394726.75	40.16	Soil	11,760	0.18
08/24/2021	18:01:30	78766.23	394726.96	40.20	Soil	11,280	-0.16
08/24/2021	18:01:31	78766.16	394726.99	40.20	Soil	12,600	0.76
08/24/2021	18:01:32	78766.47	394726.88	40.24	Soil	9,840	-1.17
08/24/2021	18:01:33	78766.83	394726.83	40.29	Soil	10,320	-0.84
08/24/2021	18:01:34	78766.94	394726.90	40.29	Soil	12,420	0.64
08/24/2021	18:01:35	78767.02	394726.86	40.24	Soil	11,220	-0.20
08/24/2021	18:01:36	78766.83	394726.88	40.26	Soil	10,800	-0.50
08/24/2021	18:01:37	78766.44	394726.98	40.31	Soil	12,360	0.60
08/24/2021	18:01:38	78766.32	394727.00	40.31	Soil	11,640	0.09
08/24/2021	18:01:39	78766.52	394727.06	40.32	Soil	12,300	0.55
08/24/2021	18:01:40	78766.79	394727.10	40.34	Soil	12,000	0.34
08/24/2021	18:01:41	78766.92	394727.16	40.34	Soil	11,520	0.01
08/24/2021	18:01:42	78767.14	394727.05	40.34	Soil	9,900	-1.13
08/24/2021	18:01:43	78767.24	394727.07	40.33	Soil	12,060	0.39
08/24/2021	18:01:44	78767.33	394727.11	40.29	Soil	9,900	-1.13
08/24/2021	18:01:45	78767.35	394727.11	40.27	Soil	10,980	-0.37
08/24/2021	18:01:46	78767.41	394727.03	40.24	Soil	12,300	0.55
08/24/2021	18:01:47	78767.41	394727.07	40.21	Soil	10,260	-0.88
08/24/2021	18:01:48	78767.48	394727.09	40.21	Soil	12,060	0.39
08/24/2021	18:01:49	78767.43	394726.99	40.18	Soil	12,120	0.43
08/24/2021	18:01:50	78767.45	394726.88	40.18	Soil	12,600	0.76
08/24/2021	18:01:51	78767.48	394726.99	40.17	Soil	13,080	1.10
08/24/2021	18:01:52	78767.49	394727.03	40.18	Soil	13,500	1.40
08/24/2021	18:01:53	78767.57	394726.82	40.11	Soil	11,040	-0.33
08/24/2021	18:01:54	78767.71	394726.78	40.08	Soil	11,220	-0.20
08/24/2021	18:01:55	78767.83	394726.77	40.12	Soil	12,360	0.60
08/24/2021	18:01:56	78767.75	394726.89	40.07	Soil	9,900	-1.13
08/24/2021	18:01:57	78767.65	394726.82	40.11	Soil	12,060	0.39
08/24/2021	18:01:58	78767.66	394726.68	40.10	Soil	12,660	0.81

SU 7D GWS RESULTS
(SOIL)

08/24/2021	18:01:59	78767.71	394726.62	40.07	Soil	11,640	0.09
08/24/2021	18:02:00	78767.77	394726.80	40.08	Soil	11,280	-0.16
08/24/2021	18:02:01	78767.68	394726.75	40.05	Soil	13,440	1.35
08/24/2021	18:02:02	78767.82	394726.80	40.09	Soil	11,100	-0.29
08/24/2021	18:02:03	78768.11	394727.00	40.08	Soil	11,760	0.18
08/24/2021	18:02:04	78768.13	394727.13	40.10	Soil	12,540	0.72
08/24/2021	18:02:05	78768.29	394727.19	40.11	Soil	11,880	0.26
08/24/2021	18:02:06	78768.48	394727.34	40.18	Soil	12,360	0.60
08/24/2021	18:02:07	78768.14	394727.32	40.15	Soil	12,000	0.34
08/24/2021	18:02:08	78768.06	394726.85	40.17	Soil	12,420	0.64
08/24/2021	18:02:09	78768.08	394726.89	40.16	Soil	13,740	1.56
08/24/2021	18:02:10	78767.94	394726.99	40.21	Soil	11,700	0.13
08/24/2021	18:02:11	78768.05	394727.16	40.20	Soil	12,240	0.51
08/24/2021	18:02:12	78768.36	394727.44	40.18	Soil	13,260	1.23
08/24/2021	18:02:13	78768.54	394727.53	40.22	Soil	11,340	-0.12
08/24/2021	18:02:14	78768.54	394727.57	40.21	Soil	13,080	1.10
08/24/2021	18:02:15	78768.53	394727.17	40.22	Soil	11,340	-0.12
08/24/2021	18:02:16	78768.50	394726.95	40.23	Soil	13,800	1.61
08/24/2021	18:02:17	78768.59	394727.12	40.27	Soil	13,020	1.06
08/24/2021	18:02:18	78768.62	394727.39	40.30	Soil	12,720	0.85
08/24/2021	18:02:19	78768.67	394727.49	40.32	Soil	10,440	-0.75
08/24/2021	18:02:20	78768.62	394727.59	40.38	Soil	11,520	0.01
08/24/2021	18:02:21	78768.89	394727.78	40.52	Soil	12,180	0.47
08/24/2021	18:02:22	78769.17	394728.12	40.46	Soil	10,920	-0.41
08/24/2021	18:02:23	78769.38	394728.20	40.36	Soil	12,000	0.34
08/24/2021	18:02:24	78769.68	394728.11	40.36	Soil	11,340	-0.12
08/24/2021	18:02:25	78770.17	394727.93	40.42	Soil	10,740	-0.54
08/24/2021	18:02:26	78770.34	394727.81	40.36	Soil	11,340	-0.12
08/24/2021	18:02:27	78770.41	394728.05	40.38	Soil	12,420	0.64
08/24/2021	18:02:28	78770.54	394728.40	40.32	Soil	12,120	0.43
08/24/2021	18:02:29	78770.90	394728.24	40.24	Soil	11,760	0.18
08/24/2021	18:02:30	78770.98	394728.44	40.22	Soil	12,720	0.85
08/24/2021	18:02:31	78771.11	394728.47	40.19	Soil	12,000	0.34
08/24/2021	18:02:32	78771.42	394728.33	40.11	Soil	12,300	0.55
08/24/2021	18:02:33	78771.42	394728.59	40.16	Soil	11,040	-0.33
08/24/2021	18:02:34	78771.37	394728.71	40.16	Soil	10,200	-0.92
08/24/2021	18:02:35	78771.48	394728.79	40.01	Soil	10,800	-0.50
08/24/2021	18:02:36	78771.86	394728.72	39.96	Soil	11,340	-0.12
08/24/2021	18:02:37	78771.88	394728.79	39.98	Soil	10,740	-0.54
08/24/2021	18:02:38	78771.85	394728.80	39.98	Soil	11,640	0.09
08/24/2021	18:02:39	78772.09	394728.51	39.97	Soil	9,720	-1.26
08/24/2021	18:02:40	78772.05	394728.46	40.02	Soil	12,180	0.47
08/24/2021	18:02:41	78771.79	394728.50	40.08	Soil	12,600	0.76
08/24/2021	18:02:42	78771.51	394728.14	40.00	Soil	10,560	-0.67
08/24/2021	18:02:43	78771.47	394728.06	40.01	Soil	10,620	-0.62
08/24/2021	18:02:44	78771.55	394728.31	39.95	Soil	11,700	0.13
08/24/2021	18:02:45	78771.55	394728.48	39.87	Soil	11,400	-0.08
08/24/2021	18:03:59	78772.05	394728.44	39.60	Soil	11,640	0.09
08/24/2021	18:04:00	78772.18	394728.47	39.51	Soil	11,160	-0.25
08/24/2021	18:04:01	78772.40	394728.54	39.52	Soil	13,500	1.40
08/24/2021	18:04:02	78772.45	394728.61	39.65	Soil	10,380	-0.79

SU 7D GWS RESULTS
(SOIL)

08/24/2021	18:04:03	78772.12	394728.35	39.70	Soil	11,100	-0.29
08/24/2021	18:04:04	78772.18	394728.14	39.75	Soil	11,040	-0.33
08/24/2021	18:04:05	78772.31	394728.24	39.79	Soil	10,260	-0.88
08/24/2021	18:04:06	78772.29	394728.47	39.82	Soil	11,400	-0.08
08/24/2021	18:04:07	78772.11	394728.45	39.86	Soil	11,460	-0.04
08/24/2021	18:04:08	78772.02	394728.55	39.87	Soil	11,220	-0.20
08/24/2021	18:04:09	78771.96	394728.68	39.85	Soil	12,540	0.72
08/24/2021	18:04:10	78772.02	394728.69	39.87	Soil	10,740	-0.54
08/24/2021	18:04:11	78772.01	394728.78	39.89	Soil	10,380	-0.79
08/24/2021	18:04:12	78771.99	394728.76	39.91	Soil	10,920	-0.41
08/24/2021	18:04:13	78771.97	394728.79	39.92	Soil	11,280	-0.16
08/24/2021	18:04:14	78771.95	394728.83	39.94	Soil	11,400	-0.08
08/24/2021	18:04:15	78771.94	394728.83	39.96	Soil	10,620	-0.62
08/24/2021	18:04:16	78771.93	394728.83	39.96	Soil	10,380	-0.79
08/24/2021	18:04:17	78771.93	394728.79	39.95	Soil	9,720	-1.26
08/24/2021	18:04:18	78771.91	394728.78	39.97	Soil	11,160	-0.25
08/24/2021	18:04:19	78771.94	394728.80	39.96	Soil	10,380	-0.79
08/24/2021	18:04:20	78771.96	394728.78	39.96	Soil	12,960	1.02
08/24/2021	18:04:21	78772.10	394728.64	39.85	Soil	11,580	0.05
08/24/2021	18:04:22	78772.41	394728.51	39.70	Soil	12,060	0.39
08/24/2021	18:04:23	78772.52	394728.42	39.75	Soil	10,260	-0.88
08/24/2021	18:04:24	78772.31	394728.53	39.91	Soil	12,000	0.34
08/24/2021	18:04:25	78771.97	394728.76	39.94	Soil	10,980	-0.37
08/24/2021	18:04:26	78771.85	394728.89	39.92	Soil	11,520	0.01
08/24/2021	18:04:27	78771.97	394728.80	39.88	Soil	11,160	-0.25
08/24/2021	18:04:28	78772.13	394728.69	39.86	Soil	12,660	0.81
08/24/2021	18:04:29	78772.08	394728.76	39.85	Soil	12,660	0.81
08/24/2021	18:04:30	78772.05	394728.79	39.86	Soil	10,140	-0.96
08/24/2021	18:04:31	78772.08	394728.73	39.84	Soil	11,760	0.18
08/24/2021	18:04:32	78772.13	394728.70	39.83	Soil	12,480	0.68
08/24/2021	18:04:33	78772.28	394728.56	39.76	Soil	9,780	-1.21
08/24/2021	18:04:34	78772.47	394728.45	39.74	Soil	13,020	1.06
08/24/2021	18:04:35	78772.52	394728.33	39.77	Soil	10,980	-0.37
08/24/2021	18:04:36	78772.39	394728.56	39.77	Soil	11,520	0.01
08/24/2021	18:04:37	78772.19	394728.71	39.72	Soil	12,180	0.47
08/24/2021	18:04:38	78771.99	394729.08	39.79	Soil	11,640	0.09
08/24/2021	18:04:39	78771.92	394729.21	39.86	Soil	10,980	-0.37
08/24/2021	18:04:40	78771.95	394728.71	39.88	Soil	10,620	-0.62
08/24/2021	18:04:41	78771.94	394728.43	39.87	Soil	10,920	-0.41
08/24/2021	18:04:42	78771.97	394728.43	39.85	Soil	11,700	0.13
08/24/2021	18:04:43	78771.88	394728.55	39.86	Soil	12,480	0.68
08/24/2021	18:04:44	78771.73	394728.75	39.91	Soil	11,220	-0.20
08/24/2021	18:04:45	78771.52	394729.00	39.92	Soil	11,580	0.05
08/24/2021	18:04:46	78771.51	394729.22	39.84	Soil	10,980	-0.37
08/24/2021	18:04:47	78771.56	394729.03	39.92	Soil	12,540	0.72
08/24/2021	18:04:48	78771.60	394728.58	39.89	Soil	11,520	0.01
08/24/2021	18:04:49	78771.66	394728.45	39.84	Soil	11,820	0.22
08/24/2021	18:04:50	78771.72	394728.26	39.80	Soil	8,940	-1.80
08/24/2021	18:04:51	78771.78	394728.15	39.82	Soil	12,000	0.34
08/24/2021	18:04:52	78771.56	394728.49	39.87	Soil	11,640	0.09
08/24/2021	18:04:53	78771.25	394728.88	39.89	Soil	10,860	-0.46

SU 7D GWS RESULTS
(SOIL)

08/24/2021	18:04:54	78771.20	394728.85	39.88	Soil	11,400	-0.08
08/24/2021	18:04:55	78771.11	394729.07	39.89	Soil	12,420	0.64
08/24/2021	18:04:56	78771.10	394728.98	39.92	Soil	11,040	-0.33
08/24/2021	18:04:57	78771.26	394728.67	39.90	Soil	11,640	0.09
08/24/2021	18:04:58	78771.30	394728.58	39.90	Soil	11,400	-0.08
08/24/2021	18:04:59	78771.22	394728.71	39.88	Soil	14,160	1.86
08/24/2021	18:05:00	78771.36	394728.55	39.87	Soil	12,600	0.76
08/24/2021	18:05:01	78771.32	394728.56	39.94	Soil	12,540	0.72
08/24/2021	18:05:02	78771.06	394728.80	39.94	Soil	13,320	1.27
08/24/2021	18:05:03	78770.89	394729.08	39.85	Soil	10,560	-0.67
08/24/2021	18:05:04	78770.88	394729.14	39.80	Soil	10,260	-0.88
08/24/2021	18:05:05	78770.97	394728.93	39.72	Soil	11,100	-0.29
08/24/2021	18:05:06	78771.08	394728.62	39.65	Soil	9,780	-1.21
08/24/2021	18:05:07	78771.10	394728.37	39.63	Soil	11,580	0.05
08/24/2021	18:05:08	78771.03	394728.47	39.62	Soil	11,580	0.05
08/24/2021	18:05:09	78770.74	394728.95	39.59	Soil	11,400	-0.08
08/24/2021	18:05:10	78770.66	394729.15	39.51	Soil	12,660	0.81
08/24/2021	18:05:11	78770.69	394728.84	39.48	Soil	10,380	-0.79
08/24/2021	18:05:12	78770.79	394728.36	39.47	Soil	12,360	0.60
08/24/2021	18:05:13	78771.00	394728.11	39.45	Soil	12,240	0.51
08/24/2021	18:05:14	78770.98	394728.19	39.39	Soil	12,060	0.39
08/24/2021	18:05:15	78770.77	394728.37	39.36	Soil	11,160	-0.25
08/24/2021	18:05:16	78770.67	394728.65	39.36	Soil	11,400	-0.08
08/24/2021	18:05:17	78770.68	394728.79	39.34	Soil	10,560	-0.67
08/24/2021	18:05:18	78770.67	394728.90	39.34	Soil	11,580	0.05
08/24/2021	18:05:19	78770.63	394728.94	39.27	Soil	11,460	-0.04
08/24/2021	18:05:20	78770.77	394728.59	39.25	Soil	11,460	-0.04
08/24/2021	18:05:21	78771.09	394728.28	39.21	Soil	11,940	0.30
08/24/2021	18:05:22	78771.36	394728.22	39.17	Soil	13,200	1.19
08/24/2021	18:05:23	78771.39	394728.36	39.19	Soil	10,740	-0.54
08/24/2021	18:05:24	78771.17	394728.28	39.17	Soil	12,120	0.43
08/24/2021	18:05:25	78770.91	394728.22	39.17	Soil	11,760	0.18
08/24/2021	18:05:26	78771.00	394728.24	39.18	Soil	10,440	-0.75
08/24/2021	18:05:27	78771.00	394728.32	39.16	Soil	12,720	0.85
08/24/2021	18:05:28	78770.95	394728.23	39.15	Soil	11,820	0.22
08/24/2021	18:05:29	78770.86	394728.22	39.12	Soil	12,060	0.39
08/24/2021	18:05:30	78770.89	394728.24	39.11	Soil	11,640	0.09
08/24/2021	18:05:31	78770.73	394728.20	39.09	Soil	12,180	0.47
08/24/2021	18:05:32	78770.72	394728.24	39.10	Soil	12,960	1.02
08/24/2021	18:05:33	78770.66	394728.23	39.08	Soil	13,440	1.35
08/24/2021	18:05:34	78770.86	394728.26	39.10	Soil	11,940	0.30
08/24/2021	18:05:35	78770.98	394728.25	39.09	Soil	12,120	0.43
08/24/2021	18:05:36	78771.03	394728.25	39.07	Soil	11,340	-0.12
08/24/2021	18:05:37	78770.96	394728.33	39.05	Soil	12,000	0.34
08/24/2021	18:05:38	78770.79	394728.62	39.02	Soil	12,180	0.47
08/24/2021	18:05:39	78770.60	394728.82	39.02	Soil	11,880	0.26
08/24/2021	18:05:40	78770.62	394728.69	39.04	Soil	11,340	-0.12
08/24/2021	18:05:41	78770.79	394728.37	39.04	Soil	11,940	0.30
08/24/2021	18:05:42	78770.92	394728.13	39.04	Soil	9,960	-1.09
08/24/2021	18:05:43	78770.90	394728.16	39.01	Soil	12,720	0.85
08/24/2021	18:05:44	78770.67	394728.47	39.05	Soil	12,240	0.51

SU 7D GWS RESULTS
(SOIL)

08/24/2021	18:05:45	78770.41	394728.73	39.07	Soil	11,640	0.09
08/24/2021	18:05:46	78770.49	394728.52	39.10	Soil	11,400	-0.08
08/24/2021	18:05:47	78770.59	394728.23	39.10	Soil	13,320	1.27
08/24/2021	18:05:48	78770.57	394728.24	39.08	Soil	12,660	0.81
08/24/2021	18:05:49	78770.25	394728.59	39.06	Soil	11,280	-0.16
08/24/2021	18:05:50	78770.06	394728.71	39.07	Soil	11,340	-0.12
08/24/2021	18:05:51	78770.06	394728.73	39.06	Soil	12,240	0.51
08/24/2021	18:05:52	78770.05	394728.85	39.03	Soil	11,880	0.26
08/24/2021	18:05:53	78770.19	394728.55	39.04	Soil	11,580	0.05
08/24/2021	18:05:54	78770.28	394728.22	39.05	Soil	10,980	-0.37
08/24/2021	18:05:55	78770.36	394728.05	39.04	Soil	12,060	0.39
08/24/2021	18:05:56	78770.09	394728.31	39.05	Soil	11,820	0.22
08/24/2021	18:05:57	78769.81	394728.57	39.07	Soil	11,100	-0.29
08/24/2021	18:05:58	78769.71	394728.69	39.04	Soil	12,240	0.51
08/24/2021	18:05:59	78769.76	394728.47	38.99	Soil	9,660	-1.30
08/24/2021	18:06:00	78769.82	394728.11	38.99	Soil	12,660	0.81
08/24/2021	18:06:01	78769.92	394727.91	39.03	Soil	11,460	-0.04
08/24/2021	18:06:02	78770.04	394727.85	39.03	Soil	10,800	-0.50
08/24/2021	18:06:03	78769.94	394728.02	39.03	Soil	13,320	1.27
08/24/2021	18:06:04	78769.72	394728.28	39.06	Soil	13,080	1.10
08/24/2021	18:06:05	78769.52	394728.54	39.11	Soil	13,200	1.19
08/24/2021	18:06:06	78769.42	394728.66	39.12	Soil	9,960	-1.09
08/24/2021	18:06:07	78769.43	394728.42	39.13	Soil	13,260	1.23
08/24/2021	18:06:08	78769.57	394728.07	39.14	Soil	12,120	0.43
08/24/2021	18:06:09	78769.67	394727.84	39.13	Soil	10,440	-0.75
08/24/2021	18:06:10	78769.55	394727.91	39.12	Soil	10,440	-0.75
08/24/2021	18:06:11	78769.28	394728.21	39.17	Soil	11,820	0.22
08/24/2021	18:06:12	78769.12	394728.61	39.17	Soil	12,060	0.39
08/24/2021	18:06:13	78769.09	394728.68	39.16	Soil	12,000	0.34
08/24/2021	18:06:14	78769.14	394728.36	39.17	Soil	10,140	-0.96
08/24/2021	18:06:15	78769.29	394727.97	39.20	Soil	10,500	-0.71
08/24/2021	18:06:16	78769.41	394727.76	39.24	Soil	12,420	0.64
08/24/2021	18:06:17	78769.56	394727.66	39.19	Soil	12,960	1.02
08/24/2021	18:06:18	78769.51	394727.74	39.17	Soil	11,640	0.09
08/24/2021	18:06:19	78769.20	394728.03	39.18	Soil	14,280	1.94
08/24/2021	18:06:20	78769.03	394728.31	39.21	Soil	11,880	0.26
08/24/2021	18:06:21	78768.89	394728.54	39.18	Soil	11,040	-0.33
08/24/2021	18:06:22	78768.87	394728.35	39.14	Soil	12,420	0.64
08/24/2021	18:06:23	78768.91	394728.04	39.11	Soil	11,280	-0.16
08/24/2021	18:06:24	78768.97	394727.87	39.14	Soil	12,720	0.85
08/24/2021	18:06:25	78769.07	394727.72	39.16	Soil	11,520	0.01
08/24/2021	18:06:26	78769.28	394727.56	39.13	Soil	11,040	-0.33
08/24/2021	18:06:27	78769.46	394727.62	39.14	Soil	11,880	0.26
08/24/2021	18:06:28	78769.26	394727.65	39.10	Soil	10,740	-0.54
08/24/2021	18:06:29	78769.13	394727.58	39.13	Soil	12,060	0.39
08/24/2021	18:06:30	78769.26	394727.61	39.12	Soil	10,500	-0.71
08/24/2021	18:06:31	78769.25	394727.62	39.12	Soil	11,820	0.22
08/24/2021	18:06:32	78769.05	394727.68	39.26	Soil	12,000	0.34
08/24/2021	18:07:32	78768.94	394728.39	40.29	Soil	11,880	0.26
08/24/2021	18:07:33	78769.02	394728.31	40.24	Soil	11,280	-0.16
08/24/2021	18:07:34	78768.96	394728.13	40.19	Soil	11,820	0.22

SU 7D GWS RESULTS
(SOIL)

08/24/2021	18:07:35	78769.06	394727.94	40.15	Soil	12,780	0.89
08/24/2021	18:07:36	78769.13	394727.79	40.06	Soil	11,700	0.13
08/24/2021	18:07:37	78768.87	394727.98	40.04	Soil	11,460	-0.04
08/24/2021	18:07:38	78768.80	394728.35	40.10	Soil	12,480	0.68
08/24/2021	18:07:39	78768.77	394728.57	40.04	Soil	13,500	1.40
08/24/2021	18:07:40	78768.80	394728.34	39.99	Soil	11,340	-0.12
08/24/2021	18:07:41	78768.89	394727.98	39.94	Soil	11,580	0.05
08/24/2021	18:07:42	78768.97	394727.77	39.91	Soil	12,720	0.85
08/24/2021	18:07:43	78768.90	394727.88	39.89	Soil	9,840	-1.17
08/24/2021	18:07:44	78768.63	394728.28	39.90	Soil	12,840	0.93
08/24/2021	18:07:45	78768.48	394728.54	39.89	Soil	12,000	0.34
08/24/2021	18:07:46	78768.46	394728.59	39.86	Soil	12,060	0.39
08/24/2021	18:07:47	78768.48	394728.21	39.82	Soil	10,800	-0.50
08/24/2021	18:07:48	78768.61	394727.87	39.82	Soil	11,280	-0.16
08/24/2021	18:07:49	78768.79	394727.68	39.83	Soil	11,580	0.05
08/24/2021	18:07:50	78768.95	394727.60	39.76	Soil	12,060	0.39
08/24/2021	18:07:51	78768.95	394727.70	39.82	Soil	12,240	0.51
08/24/2021	18:07:52	78768.70	394727.83	39.75	Soil	11,760	0.18
08/24/2021	18:07:53	78768.54	394728.08	39.72	Soil	12,720	0.85
08/24/2021	18:07:54	78768.42	394728.40	39.74	Soil	12,120	0.43
08/24/2021	18:07:55	78768.38	394728.60	39.72	Soil	12,120	0.43
08/24/2021	18:07:56	78768.35	394728.59	39.68	Soil	10,980	-0.37
08/24/2021	18:07:57	78768.36	394728.36	39.62	Soil	11,580	0.05
08/24/2021	18:07:58	78768.44	394728.02	39.60	Soil	12,420	0.64
08/24/2021	18:07:59	78768.53	394727.77	39.61	Soil	12,300	0.55
08/24/2021	18:08:00	78768.47	394727.93	39.59	Soil	12,480	0.68
08/24/2021	18:08:01	78768.35	394728.27	39.58	Soil	12,540	0.72
08/24/2021	18:08:02	78768.22	394728.47	39.57	Soil	12,660	0.81
08/24/2021	18:08:03	78768.16	394728.51	39.53	Soil	12,180	0.47
08/24/2021	18:08:04	78768.21	394728.33	39.48	Soil	13,020	1.06
08/24/2021	18:08:05	78768.33	394727.97	39.43	Soil	12,000	0.34
08/24/2021	18:08:06	78768.43	394727.83	39.42	Soil	13,680	1.52
08/24/2021	18:08:07	78768.33	394728.01	39.39	Soil	12,180	0.47
08/24/2021	18:08:08	78768.14	394728.36	39.41	Soil	10,500	-0.71
08/24/2021	18:08:09	78768.04	394728.60	39.46	Soil	12,360	0.60
08/24/2021	18:08:10	78768.00	394728.69	39.47	Soil	11,100	-0.29
08/24/2021	18:08:11	78767.97	394728.29	39.42	Soil	13,440	1.35
08/24/2021	18:08:12	78768.06	394727.93	39.39	Soil	12,600	0.76
08/24/2021	18:08:13	78768.20	394727.81	39.36	Soil	13,200	1.19
08/24/2021	18:08:14	78768.27	394727.70	39.33	Soil	11,340	-0.12
08/24/2021	18:08:15	78768.28	394727.66	39.28	Soil	11,760	0.18
08/24/2021	18:08:16	78768.15	394727.78	39.21	Soil	15,060	2.49
08/24/2021	18:08:17	78767.92	394727.98	39.16	Soil	10,920	-0.41
08/24/2021	18:08:18	78767.71	394728.11	39.17	Soil	12,300	0.55
08/24/2021	18:08:19	78767.58	394728.27	39.17	Soil	11,640	0.09
08/24/2021	18:08:20	78767.50	394728.41	39.16	Soil	10,200	-0.92
08/24/2021	18:08:21	78767.45	394728.39	39.09	Soil	13,020	1.06
08/24/2021	18:08:22	78767.44	394728.42	39.03	Soil	11,220	-0.20
08/24/2021	18:08:23	78767.44	394728.40	39.00	Soil	12,660	0.81
08/24/2021	18:08:24	78767.63	394728.51	39.03	Soil	11,700	0.13
08/24/2021	18:08:25	78767.67	394728.59	39.04	Soil	12,720	0.85

SU 7D GWS RESULTS
(SOIL)

08/24/2021	18:08:26	78767.65	394728.56	39.06	Soil	11,400	-0.08
08/24/2021	18:08:27	78767.66	394728.60	39.04	Soil	9,360	-1.51
08/24/2021	18:08:28	78767.74	394728.62	39.06	Soil	11,040	-0.33
08/24/2021	18:08:29	78768.02	394728.54	39.03	Soil	11,880	0.26
08/24/2021	18:08:30	78767.97	394728.55	38.99	Soil	12,120	0.43
08/24/2021	18:08:31	78767.99	394728.33	38.97	Soil	12,120	0.43
08/24/2021	18:08:32	78768.09	394728.16	38.96	Soil	12,240	0.51
08/24/2021	18:08:33	78767.61	394728.12	38.92	Soil	11,880	0.26
08/24/2021	18:08:34	78767.52	394727.69	38.89	Soil	12,480	0.68
08/24/2021	18:08:35	78767.78	394727.38	38.86	Soil	11,160	-0.25
08/24/2021	18:08:36	78767.99	394727.25	38.80	Soil	10,980	-0.37
08/24/2021	18:08:37	78768.06	394727.23	38.77	Soil	11,280	-0.16
08/24/2021	18:08:38	78767.96	394727.13	38.75	Soil	12,420	0.64
08/24/2021	18:08:39	78768.03	394727.09	38.75	Soil	11,400	-0.08
08/24/2021	18:08:40	78768.12	394727.22	38.74	Soil	13,800	1.61
08/24/2021	18:08:41	78768.11	394727.01	38.71	Soil	12,420	0.64
08/24/2021	18:08:42	78768.06	394726.99	38.67	Soil	10,140	-0.96
08/24/2021	18:08:43	78767.81	394727.35	38.66	Soil	12,780	0.89
08/24/2021	18:08:44	78767.73	394727.55	38.68	Soil	11,400	-0.08
08/24/2021	18:08:45	78768.05	394727.78	38.75	Soil	11,220	-0.20
08/24/2021	18:08:46	78768.20	394727.89	38.77	Soil	11,520	0.01
08/24/2021	18:08:47	78768.02	394727.86	38.80	Soil	14,220	1.90
08/24/2021	18:08:48	78768.21	394727.84	38.83	Soil	11,520	0.01
08/24/2021	18:08:49	78767.98	394727.67	38.85	Soil	12,540	0.72
08/24/2021	18:08:50	78768.11	394727.64	38.89	Soil	12,420	0.64
08/24/2021	18:08:51	78768.24	394727.58	38.90	Soil	9,960	-1.09
08/24/2021	18:08:52	78768.03	394727.48	38.93	Soil	11,820	0.22
08/24/2021	18:08:53	78767.83	394727.40	38.91	Soil	11,160	-0.25
08/24/2021	18:08:54	78767.83	394727.23	38.98	Soil	12,660	0.81
08/24/2021	18:08:55	78767.91	394727.14	39.06	Soil	14,160	1.86
08/24/2021	18:08:56	78767.82	394727.22	39.12	Soil	10,440	-0.75
08/24/2021	18:08:57	78767.70	394727.42	39.13	Soil	12,480	0.68
08/24/2021	18:08:58	78767.59	394727.29	39.12	Soil	12,480	0.68
08/24/2021	18:08:59	78767.67	394727.12	39.15	Soil	12,120	0.43
08/24/2021	18:09:00	78767.81	394726.94	39.13	Soil	12,480	0.68
08/24/2021	18:09:01	78767.78	394727.08	39.13	Soil	11,220	-0.20
08/24/2021	18:09:02	78767.50	394727.60	39.16	Soil	13,800	1.61
08/24/2021	18:09:03	78767.58	394728.16	39.18	Soil	12,180	0.47
08/24/2021	18:09:04	78767.78	394728.23	39.17	Soil	11,880	0.26
08/24/2021	18:09:05	78767.72	394728.15	39.21	Soil	12,780	0.89
08/24/2021	18:09:06	78767.51	394728.02	39.23	Soil	15,240	2.62
08/24/2021	18:09:07	78767.49	394727.69	39.25	Soil	11,460	-0.04
08/24/2021	18:09:08	78767.45	394727.54	39.25	Soil	12,240	0.51
08/24/2021	18:09:09	78767.46	394727.53	39.23	Soil	11,220	-0.20
08/24/2021	18:09:10	78767.47	394727.52	39.19	Soil	11,160	-0.25
08/24/2021	18:09:11	78767.50	394727.43	39.16	Soil	12,900	0.98
08/24/2021	18:09:12	78767.55	394727.34	39.18	Soil	12,420	0.64
08/24/2021	18:09:13	78767.43	394727.38	39.14	Soil	10,620	-0.62
08/24/2021	18:09:14	78767.44	394727.31	39.12	Soil	11,940	0.30
08/24/2021	18:09:15	78767.45	394727.26	39.08	Soil	11,460	-0.04
08/24/2021	18:09:16	78767.49	394727.19	39.06	Soil	12,360	0.60

SU 7D GWS RESULTS
(SOIL)

08/24/2021	18:09:17	78767.57	394727.05	39.06	Soil	12,120	0.43
08/24/2021	18:09:18	78767.59	394726.99	39.06	Soil	13,860	1.65
08/24/2021	18:09:19	78767.49	394727.18	39.05	Soil	13,440	1.35
08/24/2021	18:09:20	78767.51	394727.58	39.05	Soil	11,220	-0.20
08/24/2021	18:09:21	78767.63	394727.93	39.05	Soil	12,540	0.72
08/24/2021	18:09:22	78767.63	394727.90	39.05	Soil	12,600	0.76
08/24/2021	18:09:23	78767.52	394727.61	39.03	Soil	12,660	0.81
08/24/2021	18:09:24	78767.48	394727.20	39.03	Soil	14,220	1.90
08/24/2021	18:09:25	78767.66	394726.97	39.02	Soil	10,560	-0.67
08/24/2021	18:09:26	78767.53	394727.03	39.04	Soil	12,120	0.43
08/24/2021	18:09:27	78767.35	394726.89	39.02	Soil	10,200	-0.92
08/24/2021	18:09:28	78767.23	394727.04	39.04	Soil	11,820	0.22
08/24/2021	18:09:29	78767.18	394727.58	39.08	Soil	11,700	0.13
08/24/2021	18:09:30	78767.23	394727.90	39.11	Soil	11,820	0.22
08/24/2021	18:09:31	78767.29	394728.13	39.12	Soil	11,940	0.30
08/24/2021	18:09:32	78767.24	394728.05	39.12	Soil	12,660	0.81
08/24/2021	18:09:33	78767.18	394728.01	39.10	Soil	11,340	-0.12
08/24/2021	18:09:34	78767.13	394727.56	39.06	Soil	12,060	0.39
08/24/2021	18:09:35	78767.19	394727.11	39.08	Soil	12,060	0.39
08/24/2021	18:09:36	78767.41	394726.83	39.07	Soil	11,700	0.13
08/24/2021	18:09:37	78767.41	394726.91	39.05	Soil	13,440	1.35
08/24/2021	18:09:38	78767.07	394727.21	39.05	Soil	11,760	0.18
08/24/2021	18:09:39	78766.88	394727.47	39.07	Soil	10,440	-0.75
08/24/2021	18:09:40	78766.79	394727.57	39.03	Soil	12,780	0.89
08/24/2021	18:09:41	78766.87	394727.41	39.03	Soil	11,580	0.05
08/24/2021	18:09:42	78767.06	394726.97	39.02	Soil	12,540	0.72
08/24/2021	18:09:43	78767.19	394726.91	39.00	Soil	11,520	0.01
08/24/2021	18:09:44	78766.75	394727.12	39.00	Soil	13,680	1.52
08/24/2021	18:09:45	78766.60	394726.99	38.98	Soil	12,900	0.98
08/24/2021	18:09:46	78766.33	394727.24	38.96	Soil	12,180	0.47
08/24/2021	18:09:47	78766.16	394727.19	39.00	Soil	10,680	-0.58
08/24/2021	18:09:48	78766.13	394726.98	39.00	Soil	11,880	0.26
08/24/2021	18:09:49	78765.97	394727.41	39.01	Soil	12,780	0.89
08/24/2021	18:09:50	78765.82	394726.96	38.97	Soil	12,540	0.72
08/24/2021	18:09:51	78765.73	394727.12	39.02	Soil	10,260	-0.88
08/24/2021	18:09:52	78765.61	394727.03	38.93	Soil	12,420	0.64
08/24/2021	18:09:53	78765.69	394726.98	38.94	Soil	10,860	-0.46
08/24/2021	18:09:54	78765.50	394726.98	38.96	Soil	9,120	-1.68
08/24/2021	18:09:55	78765.66	394726.79	38.91	Soil	12,120	0.43
08/24/2021	18:09:56	78765.58	394726.89	38.93	Soil	13,680	1.52
08/24/2021	18:09:57	78765.58	394726.86	38.93	Soil	10,860	-0.46
08/24/2021	18:09:58	78765.49	394727.14	38.95	Soil	9,420	-1.47
08/24/2021	18:09:59	78765.39	394727.21	38.95	Soil	11,520	0.01
08/24/2021	18:10:00	78765.32	394727.59	38.95	Soil	11,520	0.01
08/24/2021	18:10:01	78765.31	394727.72	38.97	Soil	11,640	0.09
08/24/2021	18:10:02	78765.28	394727.69	39.01	Soil	9,900	-1.13
08/24/2021	18:10:03	78765.42	394727.57	39.01	Soil	9,900	-1.13
08/24/2021	18:10:04	78765.63	394727.48	39.06	Soil	11,160	-0.25
08/24/2021	18:10:05	78765.50	394727.69	39.07	Soil	12,060	0.39
08/24/2021	18:10:06	78765.47	394727.67	39.11	Soil	11,520	0.01
08/24/2021	18:10:07	78765.58	394727.34	39.11	Soil	11,340	-0.12

SU 7D GWS RESULTS
(SOIL)

08/24/2021	18:10:08	78765.46	394727.40	39.14	Soil	10,740	-0.54
08/24/2021	18:10:09	78765.30	394727.56	39.17	Soil	11,700	0.13
08/24/2021	18:10:10	78765.36	394727.07	39.17	Soil	12,540	0.72
08/24/2021	18:10:11	78765.25	394727.17	39.17	Soil	12,420	0.64
08/24/2021	18:10:12	78764.98	394727.59	39.18	Soil	11,580	0.05
08/24/2021	18:10:13	78764.74	394727.64	39.21	Soil	11,220	-0.20
08/24/2021	18:10:14	78764.83	394727.68	39.23	Soil	11,700	0.13
08/24/2021	18:10:15	78764.92	394727.58	39.28	Soil	9,720	-1.26
08/24/2021	18:10:16	78765.10	394727.16	39.29	Soil	12,600	0.76
08/24/2021	18:10:17	78765.17	394726.79	39.29	Soil	11,700	0.13
08/24/2021	18:10:18	78765.44	394727.03	39.36	Soil	10,200	-0.92
08/24/2021	18:10:19	78765.28	394726.72	39.38	Soil	12,000	0.34
08/24/2021	18:10:20	78765.57	394726.61	39.41	Soil	11,700	0.13
08/24/2021	18:10:21	78765.79	394727.04	39.39	Soil	12,240	0.51
08/24/2021	18:10:21	78765.61	394726.91	39.42	Soil	10,980	-0.37
08/24/2021	18:10:23	78765.49	394726.98	39.42	Soil	11,460	-0.04
08/24/2021	18:10:24	78765.12	394727.11	39.41	Soil	10,020	-1.05
08/24/2021	18:10:25	78765.29	394726.97	39.53	Soil	10,620	-0.62
08/24/2021	18:10:26	78765.83	394726.93	39.50	Soil	12,000	0.34
08/24/2021	18:10:27	78766.02	394726.89	39.50	Soil	11,880	0.26
08/24/2021	18:10:28	78765.85	394727.04	39.49	Soil	11,040	-0.33
08/24/2021	18:10:29	78766.07	394726.77	39.51	Soil	12,060	0.39
08/24/2021	18:10:29	78766.21	394726.86	39.51	Soil	11,640	0.09
08/24/2021	18:10:31	78765.93	394726.97	39.61	Soil	11,460	-0.04
08/24/2021	18:10:32	78765.88	394726.92	39.62	Soil	12,660	0.81
08/24/2021	18:10:33	78766.00	394727.08	39.62	Soil	13,200	1.19
08/24/2021	18:10:34	78765.93	394726.99	39.80	Soil	10,860	-0.46
08/24/2021	18:11:01	78764.91	394728.76	39.71	Soil	10,800	-0.50
08/24/2021	18:11:02	78764.89	394728.75	39.76	Soil	11,820	0.22
08/24/2021	18:11:04	78764.91	394728.68	39.76	Soil	11,220	-0.20
08/24/2021	18:11:05	78765.15	394728.44	39.76	Soil	9,360	-1.51
08/24/2021	18:11:05	78765.31	394728.32	39.76	Soil	10,920	-0.41
08/24/2021	18:11:07	78765.24	394728.63	39.76	Soil	8,940	-1.80
08/24/2021	18:11:07	78765.02	394728.93	39.76	Soil	11,700	0.13
08/24/2021	18:11:08	78765.18	394728.81	39.73	Soil	10,800	-0.50
08/24/2021	18:11:10	78765.55	394728.52	39.71	Soil	11,640	0.09
08/24/2021	18:11:11	78765.72	394728.40	39.67	Soil	11,400	-0.08
08/24/2021	18:11:12	78765.81	394728.56	39.64	Soil	12,420	0.64
08/24/2021	18:11:13	78765.71	394728.80	39.65	Soil	11,100	-0.29
08/24/2021	18:11:13	78765.60	394728.91	39.65	Soil	11,760	0.18
08/24/2021	18:11:15	78765.54	394728.91	39.59	Soil	9,660	-1.30
08/24/2021	18:11:15	78765.64	394728.77	39.60	Soil	10,380	-0.79
08/24/2021	18:11:16	78765.77	394728.45	39.64	Soil	10,920	-0.41
08/24/2021	18:11:17	78765.93	394728.35	39.64	Soil	11,880	0.26
08/24/2021	18:11:18	78766.13	394728.62	39.66	Soil	11,040	-0.33
08/24/2021	18:11:19	78766.14	394728.89	39.64	Soil	10,140	-0.96
08/24/2021	18:11:21	78766.09	394728.95	39.64	Soil	12,600	0.76
08/24/2021	18:11:21	78766.26	394728.62	39.61	Soil	10,320	-0.84
08/24/2021	18:11:22	78766.56	394728.56	39.57	Soil	11,040	-0.33
08/24/2021	18:11:23	78766.65	394728.59	39.57	Soil	12,960	1.02
08/24/2021	18:11:24	78766.73	394728.37	39.57	Soil	12,000	0.34

SU 7D GWS RESULTS
(SOIL)

08/24/2021	18:11:26	78766.87	394728.52	39.56	Soil	10,200	-0.92
08/24/2021	18:11:26	78766.75	394729.01	39.57	Soil	13,800	1.61
08/24/2021	18:11:27	78766.51	394729.12	39.61	Soil	11,520	0.01
08/24/2021	18:11:28	78766.51	394729.02	39.58	Soil	11,700	0.13
08/24/2021	18:11:29	78766.66	394729.03	39.63	Soil	10,140	-0.96
08/24/2021	18:11:30	78766.48	394728.93	39.61	Soil	10,920	-0.41
08/24/2021	18:11:31	78766.54	394728.92	39.61	Soil	12,360	0.60
08/24/2021	18:11:32	78766.66	394728.95	39.61	Soil	9,900	-1.13
08/24/2021	18:11:33	78766.77	394728.98	39.60	Soil	10,620	-0.62
08/24/2021	18:11:35	78766.76	394729.03	39.64	Soil	10,920	-0.41
08/24/2021	18:11:35	78766.93	394729.01	39.69	Soil	10,920	-0.41
08/24/2021	18:11:36	78767.17	394728.69	39.69	Soil	11,580	0.05
08/24/2021	18:11:37	78767.23	394728.33	39.72	Soil	10,740	-0.54
08/24/2021	18:11:38	78767.32	394728.55	39.66	Soil	12,360	0.60
08/24/2021	18:11:39	78767.43	394728.93	39.66	Soil	11,340	-0.12
08/24/2021	18:11:40	78767.40	394729.19	39.68	Soil	11,700	0.13
08/24/2021	18:11:41	78767.40	394728.91	39.68	Soil	12,000	0.34
08/24/2021	18:11:42	78767.50	394729.00	39.68	Soil	10,440	-0.75
08/24/2021	18:11:44	78767.53	394729.03	39.69	Soil	11,340	-0.12
08/24/2021	18:11:44	78767.59	394728.70	39.68	Soil	11,520	0.01
08/24/2021	18:11:45	78767.68	394728.34	39.65	Soil	10,320	-0.84
08/24/2021	18:11:46	78767.51	394728.76	39.65	Soil	12,420	0.64
08/24/2021	18:11:47	78767.31	394729.08	39.65	Soil	11,640	0.09
08/24/2021	18:11:48	78767.23	394729.01	39.62	Soil	12,600	0.76
08/24/2021	18:11:50	78767.28	394728.39	39.61	Soil	12,540	0.72
08/24/2021	18:11:50	78767.28	394728.29	39.61	Soil	13,740	1.56
08/24/2021	18:11:52	78767.24	394728.74	39.61	Soil	11,820	0.22
08/24/2021	18:11:52	78767.02	394729.06	39.61	Soil	11,340	-0.12
08/24/2021	18:11:53	78766.94	394729.13	39.62	Soil	9,960	-1.09
08/24/2021	18:11:54	78766.94	394728.59	39.58	Soil	10,500	-0.71
08/24/2021	18:11:56	78767.11	394728.22	39.57	Soil	11,400	-0.08
08/24/2021	18:11:56	78767.16	394728.36	39.58	Soil	11,160	-0.25
08/24/2021	18:11:57	78766.79	394728.52	39.58	Soil	10,620	-0.62
08/24/2021	18:11:59	78766.63	394728.84	39.52	Soil	11,580	0.05
08/24/2021	18:12:00	78766.48	394728.92	39.56	Soil	11,700	0.13
08/24/2021	18:12:00	78766.58	394728.48	39.56	Soil	11,520	0.01
08/24/2021	18:12:01	78766.28	394728.60	39.58	Soil	11,940	0.30
08/24/2021	18:12:03	78766.24	394728.76	39.59	Soil	11,280	-0.16
08/24/2021	18:12:03	78766.35	394728.57	39.59	Soil	9,660	-1.30
08/24/2021	18:12:04	78766.03	394728.80	39.56	Soil	11,820	0.22
08/24/2021	18:12:05	78765.78	394729.06	39.56	Soil	11,940	0.30
08/24/2021	18:12:06	78766.06	394728.66	39.50	Soil	11,580	0.05
08/24/2021	18:12:07	78766.03	394728.58	39.55	Soil	11,820	0.22
08/24/2021	18:12:09	78765.53	394728.98	39.55	Soil	12,360	0.60
08/24/2021	18:12:09	78765.70	394728.67	39.53	Soil	12,060	0.39
08/24/2021	18:12:10	78765.82	394728.45	39.57	Soil	13,200	1.19
08/24/2021	18:12:12	78765.49	394728.86	39.58	Soil	12,240	0.51
08/24/2021	18:12:12	78765.52	394728.66	39.58	Soil	10,920	-0.41
08/24/2021	18:12:13	78765.61	394728.23	39.56	Soil	10,560	-0.67
08/24/2021	18:12:15	78765.33	394728.73	39.56	Soil	11,880	0.26
08/24/2021	18:12:16	78765.23	394728.73	39.55	Soil	13,380	1.31

SU 7D GWS RESULTS
(SOIL)

08/24/2021	18:12:17	78765.35	394728.21	39.52	Soil	13,260	1.23
08/24/2021	18:12:17	78765.06	394728.54	39.48	Soil	11,820	0.22
08/24/2021	18:12:18	78764.83	394728.66	39.48	Soil	11,340	-0.12
08/24/2021	18:12:20	78764.97	394728.28	39.51	Soil	11,220	-0.20
08/24/2021	18:12:20	78765.00	394727.96	39.46	Soil	9,660	-1.30
08/24/2021	18:12:22	78764.86	394728.25	39.44	Soil	10,140	-0.96
08/24/2021	18:12:22	78764.48	394728.60	39.44	Soil	11,220	-0.20
08/24/2021	18:12:23	78764.56	394728.41	39.42	Soil	12,000	0.34
08/24/2021	18:12:24	78764.79	394728.00	39.42	Soil	11,280	-0.16
08/24/2021	18:12:26	78764.75	394728.34	39.41	Soil	12,480	0.68
08/24/2021	18:12:26	78764.62	394728.48	39.41	Soil	10,500	-0.71
08/24/2021	18:12:27	78764.72	394728.55	39.34	Soil	10,380	-0.79
08/24/2021	18:12:28	78764.63	394728.52	39.34	Soil	10,380	-0.79
08/24/2021	18:12:29	78764.74	394728.50	39.35	Soil	11,340	-0.12
08/24/2021	18:12:30	78764.85	394728.50	39.37	Soil	11,400	-0.08
08/24/2021	18:12:31	78764.76	394728.52	39.37	Soil	11,820	0.22
08/24/2021	18:12:32	78764.92	394728.08	39.35	Soil	11,940	0.30
08/24/2021	18:12:33	78764.95	394727.73	39.35	Soil	11,400	-0.08
08/24/2021	18:12:34	78765.03	394727.65	39.36	Soil	12,600	0.76
08/24/2021	18:12:35	78765.06	394727.49	39.36	Soil	10,800	-0.50
08/24/2021	18:12:36	78765.09	394727.64	39.36	Soil	10,380	-0.79
08/24/2021	18:12:37	78764.98	394727.93	39.35	Soil	11,700	0.13
08/24/2021	18:12:38	78764.86	394728.23	39.35	Soil	11,580	0.05
08/24/2021	18:12:39	78764.94	394728.30	39.35	Soil	11,940	0.30
08/24/2021	18:12:40	78765.17	394727.82	39.34	Soil	11,160	-0.25
08/24/2021	18:12:41	78765.33	394727.66	39.36	Soil	12,480	0.68
08/24/2021	18:12:42	78765.45	394727.57	39.36	Soil	11,880	0.26
08/24/2021	18:12:43	78765.35	394727.86	39.31	Soil	11,580	0.05
08/24/2021	18:12:44	78765.02	394728.06	39.28	Soil	11,940	0.30
08/24/2021	18:12:45	78764.70	394728.38	39.29	Soil	10,620	-0.62
08/24/2021	18:12:46	78764.85	394728.37	39.27	Soil	10,980	-0.37
08/24/2021	18:12:48	78765.43	394728.20	39.31	Soil	11,160	-0.25
08/24/2021	18:12:48	78765.47	394728.26	39.27	Soil	12,720	0.85
08/24/2021	18:12:49	78765.43	394728.36	39.27	Soil	11,580	0.05
08/24/2021	18:12:50	78765.23	394728.43	39.28	Soil	12,660	0.81
08/24/2021	18:12:51	78765.31	394728.23	39.28	Soil	11,460	-0.04
08/24/2021	18:12:52	78765.35	394728.00	39.33	Soil	11,580	0.05
08/24/2021	18:12:53	78765.46	394727.78	39.33	Soil	9,720	-1.26
08/24/2021	18:12:54	78765.65	394728.02	39.36	Soil	9,900	-1.13
08/24/2021	18:12:55	78765.77	394727.99	39.33	Soil	11,760	0.18
08/24/2021	18:12:56	78765.94	394727.73	39.37	Soil	11,100	-0.29
08/24/2021	18:12:57	78765.97	394728.14	39.31	Soil	10,380	-0.79
08/24/2021	18:12:58	78766.03	394728.05	39.34	Soil	12,120	0.43
08/24/2021	18:12:59	78766.08	394727.76	39.36	Soil	13,020	1.06
08/24/2021	18:13:00	78765.92	394727.97	39.36	Soil	11,040	-0.33
08/24/2021	18:13:01	78765.72	394728.17	39.35	Soil	12,660	0.81
08/24/2021	18:13:02	78765.87	394727.97	39.37	Soil	11,580	0.05
08/24/2021	18:13:03	78766.11	394727.58	39.37	Soil	11,040	-0.33
08/24/2021	18:13:04	78765.95	394727.76	39.33	Soil	11,580	0.05
08/24/2021	18:13:05	78765.83	394727.77	39.30	Soil	12,180	0.47
08/24/2021	18:13:06	78765.43	394727.87	39.34	Soil	11,280	-0.16

SU 7D GWS RESULTS
(SOIL)

08/24/2021	18:13:07	78765.50	394727.84	39.34	Soil	12,120	0.43
08/24/2021	18:13:08	78765.81	394727.68	39.38	Soil	11,880	0.26
08/24/2021	18:13:09	78765.69	394727.66	39.38	Soil	11,880	0.26
08/24/2021	18:13:45	78766.25	394728.11	39.82	Soil	10,860	-0.46
08/24/2021	18:13:46	78765.99	394728.26	39.69	Soil	11,340	-0.12
08/24/2021	18:13:47	78765.69	394728.45	39.69	Soil	11,340	-0.12
08/24/2021	18:13:48	78765.88	394728.30	39.67	Soil	12,000	0.34
08/24/2021	18:13:49	78766.33	394728.11	39.73	Soil	10,560	-0.67
08/24/2021	18:13:50	78766.55	394728.05	39.72	Soil	11,640	0.09
08/24/2021	18:13:51	78766.48	394728.37	39.71	Soil	9,060	-1.72
08/24/2021	18:13:53	78766.29	394728.53	39.71	Soil	12,000	0.34
08/24/2021	18:13:53	78766.39	394728.32	39.71	Soil	13,380	1.31
08/24/2021	18:13:54	78766.46	394728.31	39.73	Soil	11,160	-0.25
08/24/2021	18:13:55	78766.29	394728.41	39.72	Soil	12,300	0.55
08/24/2021	18:13:56	78766.39	394728.13	39.75	Soil	10,200	-0.92
08/24/2021	18:13:57	78766.42	394728.00	39.73	Soil	10,500	-0.71
08/24/2021	18:13:58	78766.23	394728.10	39.70	Soil	11,040	-0.33
08/24/2021	18:13:59	78765.91	394728.08	39.73	Soil	10,920	-0.41
08/24/2021	18:14:00	78765.90	394728.19	39.71	Soil	11,940	0.30
08/24/2021	18:14:01	78765.97	394728.25	39.75	Soil	11,040	-0.33
08/24/2021	18:14:02	78766.20	394728.33	39.75	Soil	11,100	-0.29
08/24/2021	18:14:03	78766.59	394728.46	39.74	Soil	11,580	0.05
08/24/2021	18:14:04	78766.91	394728.46	39.75	Soil	10,500	-0.71
08/24/2021	18:14:05	78766.93	394728.63	39.74	Soil	10,980	-0.37
08/24/2021	18:14:06	78767.02	394728.70	39.77	Soil	12,720	0.85
08/24/2021	18:14:07	78766.94	394728.67	39.75	Soil	9,900	-1.13
08/24/2021	18:14:08	78767.06	394728.82	39.76	Soil	11,220	-0.20
08/24/2021	18:14:09	78767.26	394728.54	39.74	Soil	11,040	-0.33
08/24/2021	18:14:10	78767.58	394728.42	39.74	Soil	10,680	-0.58
08/24/2021	18:14:11	78767.61	394727.87	39.75	Soil	12,720	0.85
08/24/2021	18:14:12	78767.52	394727.56	39.69	Soil	10,920	-0.41
08/24/2021	18:14:13	78767.22	394727.84	39.61	Soil	11,700	0.13
08/24/2021	18:14:15	78767.02	394727.94	39.54	Soil	10,200	-0.92
08/24/2021	18:14:15	78767.05	394727.63	39.55	Soil	11,460	-0.04
08/24/2021	18:14:16	78767.14	394727.32	39.52	Soil	12,480	0.68
08/24/2021	18:14:17	78767.01	394727.69	39.47	Soil	11,040	-0.33
08/24/2021	18:14:18	78766.85	394728.25	39.50	Soil	12,780	0.89
08/24/2021	18:14:19	78766.90	394728.47	39.54	Soil	12,900	0.98
08/24/2021	18:14:20	78766.89	394728.05	39.57	Soil	11,580	0.05
08/24/2021	18:14:21	78766.91	394727.50	39.57	Soil	10,980	-0.37
08/24/2021	18:14:22	78766.92	394727.38	39.57	Soil	12,180	0.47
08/24/2021	18:14:23	78766.76	394727.76	39.48	Soil	12,900	0.98
08/24/2021	18:14:24	78766.68	394728.15	39.48	Soil	10,740	-0.54
08/24/2021	18:14:25	78766.63	394727.97	39.48	Soil	11,400	-0.08
08/24/2021	18:14:26	78766.60	394727.43	39.45	Soil	11,520	0.01
08/24/2021	18:14:27	78766.74	394727.26	39.46	Soil	12,840	0.93
08/24/2021	18:14:28	78766.84	394727.31	39.46	Soil	11,400	-0.08
08/24/2021	18:14:29	78766.47	394727.79	39.42	Soil	10,080	-1.00
08/24/2021	18:14:30	78766.33	394727.87	39.41	Soil	11,340	-0.12
08/24/2021	18:14:31	78766.33	394727.54	39.40	Soil	12,180	0.47
08/24/2021	18:14:32	78766.45	394727.20	39.38	Soil	11,820	0.22

SU 7D GWS RESULTS
(SOIL)

08/24/2021	18:14:33	78766.57	394727.15	39.38	Soil	12,060	0.39
08/24/2021	18:14:34	78766.31	394727.62	39.40	Soil	11,580	0.05
08/24/2021	18:15:46	78765.17	394728.23	40.03	Soil	10,860	-0.46
08/24/2021	18:15:47	78765.14	394728.27	39.96	Soil	11,520	0.01
08/24/2021	18:15:48	78764.91	394728.32	39.92	Soil	11,400	-0.08
08/24/2021	18:15:49	78764.90	394728.30	39.96	Soil	11,460	-0.04
08/24/2021	18:15:50	78764.93	394728.32	39.98	Soil	10,380	-0.79
08/24/2021	18:15:51	78764.99	394728.33	40.03	Soil	13,560	1.44
08/24/2021	18:15:52	78765.18	394728.18	40.06	Soil	11,520	0.01
08/24/2021	18:15:53	78765.35	394728.24	40.06	Soil	9,540	-1.38
08/24/2021	18:15:54	78765.31	394728.48	40.06	Soil	10,800	-0.50
08/24/2021	18:15:55	78765.39	394728.45	39.98	Soil	13,620	1.48
08/24/2021	18:15:56	78765.69	394728.36	40.00	Soil	11,940	0.30
08/24/2021	18:15:57	78765.60	394728.60	39.98	Soil	12,780	0.89
08/24/2021	18:15:58	78765.69	394728.53	39.92	Soil	12,180	0.47
08/24/2021	18:15:59	78765.96	394728.31	39.94	Soil	11,160	-0.25
08/24/2021	18:16:00	78765.96	394728.58	39.92	Soil	10,620	-0.62
08/24/2021	18:16:01	78765.77	394728.93	39.94	Soil	12,060	0.39
08/24/2021	18:16:02	78765.92	394728.81	39.91	Soil	11,220	-0.20
08/24/2021	18:16:03	78766.33	394728.61	39.91	Soil	11,280	-0.16
08/24/2021	18:16:04	78766.38	394728.83	39.91	Soil	11,520	0.01
08/24/2021	18:16:05	78766.17	394728.99	39.92	Soil	10,920	-0.41
08/24/2021	18:16:06	78766.06	394728.99	39.92	Soil	10,800	-0.50
08/24/2021	18:16:07	78766.07	394729.02	39.91	Soil	12,120	0.43
08/24/2021	18:16:08	78766.35	394728.98	39.91	Soil	11,760	0.18
08/24/2021	18:16:09	78766.38	394729.14	39.94	Soil	9,900	-1.13
08/24/2021	18:16:10	78766.37	394729.27	39.94	Soil	12,120	0.43
08/24/2021	18:16:11	78766.61	394729.10	39.92	Soil	11,040	-0.33
08/24/2021	18:16:12	78766.95	394728.91	39.95	Soil	8,880	-1.85
08/24/2021	18:16:13	78766.96	394729.03	39.98	Soil	11,040	-0.33
08/24/2021	18:16:14	78766.76	394729.32	40.01	Soil	10,440	-0.75
08/24/2021	18:16:15	78766.95	394729.13	39.96	Soil	11,460	-0.04
08/24/2021	18:16:16	78767.32	394728.77	40.00	Soil	11,880	0.26
08/24/2021	18:16:17	78767.37	394728.75	39.96	Soil	12,180	0.47
08/24/2021	18:16:18	78767.18	394729.21	39.95	Soil	12,720	0.85
08/24/2021	18:16:19	78767.23	394729.19	39.91	Soil	12,600	0.76
08/24/2021	18:16:20	78767.47	394729.00	39.92	Soil	12,420	0.64
08/24/2021	18:16:21	78767.40	394729.24	39.91	Soil	14,100	1.82
08/24/2021	18:16:22	78767.23	394729.30	39.89	Soil	13,620	1.48
08/24/2021	18:16:23	78767.46	394729.22	39.86	Soil	11,280	-0.16
08/24/2021	18:16:24	78767.81	394728.85	39.88	Soil	10,920	-0.41
08/24/2021	18:16:25	78767.84	394728.92	39.83	Soil	12,780	0.89
08/24/2021	18:16:26	78767.53	394729.40	39.78	Soil	10,620	-0.62
08/24/2021	18:16:27	78767.66	394729.26	39.77	Soil	11,220	-0.20
08/24/2021	18:16:28	78768.03	394729.00	39.78	Soil	12,780	0.89
08/24/2021	18:16:29	78767.90	394729.34	39.76	Soil	11,640	0.09
08/24/2021	18:16:30	78768.02	394729.27	39.75	Soil	13,800	1.61
08/24/2021	18:16:31	78768.39	394728.99	39.73	Soil	12,600	0.76
08/24/2021	18:16:32	78768.27	394729.42	39.71	Soil	11,760	0.18
08/24/2021	18:16:33	78768.20	394729.60	39.67	Soil	13,500	1.40
08/24/2021	18:16:34	78768.34	394729.38	39.59	Soil	12,600	0.76

SU 7D GWS RESULTS
(SOIL)

08/24/2021	18:16:35	78768.46	394728.94	39.58	Soil	12,420	0.64
08/24/2021	18:16:36	78768.59	394728.59	39.62	Soil	10,680	-0.58
08/24/2021	18:16:37	78768.56	394728.78	39.59	Soil	12,240	0.51
08/24/2021	18:16:38	78768.29	394729.08	39.55	Soil	11,880	0.26
08/24/2021	18:16:39	78768.10	394729.22	39.57	Soil	11,640	0.09
08/24/2021	18:16:40	78768.13	394729.05	39.62	Soil	10,200	-0.92
08/24/2021	18:16:41	78768.30	394728.62	39.62	Soil	10,500	-0.71
08/24/2021	18:16:42	78768.43	394728.55	39.63	Soil	11,520	0.01
08/24/2021	18:16:43	78768.42	394728.78	39.61	Soil	10,200	-0.92
08/24/2021	18:16:44	78768.25	394729.01	39.60	Soil	13,140	1.14
08/24/2021	18:16:45	78768.32	394728.99	39.68	Soil	11,880	0.26
08/24/2021	18:16:46	78768.65	394728.97	39.69	Soil	12,060	0.39
08/24/2021	18:16:47	78768.89	394728.92	39.70	Soil	10,440	-0.75
08/24/2021	18:16:48	78769.09	394728.56	39.70	Soil	12,720	0.85
08/24/2021	18:16:49	78769.09	394728.53	39.65	Soil	13,440	1.35
08/24/2021	18:16:50	78769.04	394728.84	39.60	Soil	11,460	-0.04
08/24/2021	18:16:51	78768.81	394729.09	39.57	Soil	11,880	0.26
08/24/2021	18:16:52	78768.64	394729.14	39.50	Soil	11,520	0.01
08/24/2021	18:16:53	78768.35	394729.36	39.54	Soil	12,000	0.34
08/24/2021	18:16:54	78768.35	394729.32	39.57	Soil	11,160	-0.25
08/24/2021	18:16:55	78768.61	394729.52	39.61	Soil	11,880	0.26
08/24/2021	18:16:56	78769.08	394729.28	39.55	Soil	11,520	0.01
08/24/2021	18:16:57	78769.26	394729.37	39.51	Soil	10,620	-0.62
08/24/2021	18:16:58	78769.11	394729.57	39.44	Soil	13,080	1.10
08/24/2021	18:16:59	78769.20	394729.32	39.40	Soil	12,180	0.47
08/24/2021	18:17:00	78769.28	394729.07	39.39	Soil	10,920	-0.41
08/24/2021	18:17:01	78769.05	394729.30	39.39	Soil	12,240	0.51
08/24/2021	18:17:02	78768.87	394729.52	39.40	Soil	11,220	-0.20
08/24/2021	18:17:03	78768.94	394729.49	39.37	Soil	11,520	0.01
08/24/2021	18:17:04	78768.82	394729.58	39.35	Soil	13,080	1.10
08/24/2021	18:17:05	78768.87	394729.52	39.34	Soil	10,080	-1.00
08/24/2021	18:17:06	78769.15	394728.89	39.33	Soil	12,660	0.81
08/24/2021	18:17:07	78769.21	394728.72	39.33	Soil	12,480	0.68
08/24/2021	18:17:08	78769.14	394729.06	39.31	Soil	11,280	-0.16
08/24/2021	18:17:09	78768.94	394729.49	39.34	Soil	11,040	-0.33
08/24/2021	18:17:10	78768.89	394729.57	39.33	Soil	12,060	0.39
08/24/2021	18:17:11	78769.05	394729.24	39.29	Soil	12,300	0.55
08/24/2021	18:17:12	78769.01	394728.74	39.32	Soil	11,280	-0.16
08/24/2021	18:17:13	78769.01	394728.68	39.31	Soil	10,200	-0.92
08/24/2021	18:17:14	78768.84	394729.29	39.31	Soil	12,540	0.72
08/24/2021	18:17:15	78768.64	394729.38	39.28	Soil	11,520	0.01
08/24/2021	18:17:16	78768.79	394729.22	39.29	Soil	12,300	0.55
08/24/2021	18:17:17	78769.01	394728.66	39.30	Soil	10,680	-0.58
08/24/2021	18:17:18	78769.00	394728.57	39.34	Soil	12,300	0.55
08/24/2021	18:17:19	78768.86	394728.96	39.32	Soil	12,180	0.47
08/24/2021	18:17:20	78768.49	394729.30	39.36	Soil	10,380	-0.79
08/24/2021	18:17:21	78768.68	394729.23	39.34	Soil	10,620	-0.62
08/24/2021	18:17:22	78769.05	394728.95	39.35	Soil	10,020	-1.05
08/24/2021	18:17:23	78769.10	394729.29	39.34	Soil	11,760	0.18
08/24/2021	18:17:24	78769.06	394729.48	39.35	Soil	12,000	0.34
08/24/2021	18:17:25	78769.28	394729.12	39.30	Soil	12,900	0.98

SU 7D GWS RESULTS
(SOIL)

08/24/2021	18:17:26	78769.46	394728.61	39.36	Soil	10,080	-1.00
08/24/2021	18:17:27	78769.53	394728.63	39.32	Soil	12,600	0.76
08/24/2021	18:17:28	78769.37	394729.28	39.29	Soil	11,820	0.22
08/24/2021	18:17:29	78769.21	394729.64	39.29	Soil	11,520	0.01
08/24/2021	18:17:30	78769.40	394729.54	39.31	Soil	10,680	-0.58
08/24/2021	18:17:31	78769.81	394729.24	39.32	Soil	10,320	-0.84
08/24/2021	18:17:32	78769.95	394729.01	39.41	Soil	11,640	0.09
08/24/2021	18:17:33	78769.98	394728.86	39.41	Soil	12,060	0.39
08/24/2021	18:17:34	78769.86	394729.15	39.37	Soil	11,100	-0.29
08/24/2021	18:17:35	78769.64	394729.49	39.36	Soil	10,080	-1.00
08/24/2021	18:17:36	78769.50	394729.62	39.36	Soil	10,560	-0.67
08/24/2021	18:17:37	78769.42	394729.61	39.37	Soil	11,700	0.13
08/24/2021	18:17:38	78769.53	394729.41	39.48	Soil	12,840	0.93
08/24/2021	18:17:39	78769.58	394729.02	39.38	Soil	10,920	-0.41
08/24/2021	18:17:40	78769.57	394728.97	39.37	Soil	11,580	0.05
08/24/2021	18:17:41	78769.45	394729.24	39.40	Soil	10,740	-0.54
08/24/2021	18:17:42	78769.62	394729.00	39.42	Soil	12,180	0.47
08/24/2021	18:17:43	78769.63	394729.04	39.40	Soil	10,620	-0.62
08/24/2021	18:17:44	78769.58	394729.19	39.44	Soil	10,860	-0.46
08/24/2021	18:17:45	78769.94	394729.06	39.39	Soil	11,580	0.05
08/24/2021	18:17:46	78770.04	394729.23	39.34	Soil	12,900	0.98
08/24/2021	18:17:47	78769.98	394729.43	39.32	Soil	12,000	0.34
08/24/2021	18:17:48	78769.82	394729.68	39.35	Soil	12,120	0.43
08/24/2021	18:17:49	78769.82	394729.71	39.32	Soil	10,680	-0.58
08/24/2021	18:17:50	78770.20	394729.38	39.28	Soil	12,120	0.43
08/24/2021	18:17:51	78770.45	394729.03	39.29	Soil	10,500	-0.71
08/24/2021	18:17:52	78770.56	394728.87	39.33	Soil	10,980	-0.37
08/24/2021	18:17:53	78770.43	394729.05	39.28	Soil	12,720	0.85
08/24/2021	18:17:54	78770.25	394729.30	39.30	Soil	12,000	0.34
08/24/2021	18:17:55	78769.95	394729.46	39.31	Soil	10,740	-0.54
08/24/2021	18:17:56	78769.99	394729.46	39.32	Soil	11,280	-0.16
08/24/2021	18:17:57	78769.98	394729.50	39.29	Soil	11,700	0.13
08/24/2021	18:17:58	78770.09	394729.34	39.29	Soil	11,280	-0.16
08/24/2021	18:17:59	78770.19	394729.11	39.25	Soil	10,020	-1.05
08/24/2021	18:18:00	78770.12	394729.13	39.26	Soil	11,580	0.05
08/24/2021	18:18:01	78770.10	394729.10	39.28	Soil	10,680	-0.58
08/24/2021	18:18:02	78770.09	394729.03	39.27	Soil	12,120	0.43
08/24/2021	18:18:03	78769.96	394729.10	39.26	Soil	11,940	0.30
08/24/2021	18:18:04	78769.95	394729.24	39.24	Soil	12,480	0.68
08/24/2021	18:18:05	78770.12	394729.27	39.23	Soil	12,840	0.93
08/24/2021	18:18:06	78770.05	394729.43	39.21	Soil	13,440	1.35
08/24/2021	18:18:07	78770.02	394729.65	39.22	Soil	14,700	2.24
08/24/2021	18:18:08	78769.93	394729.86	39.19	Soil	10,860	-0.46
08/24/2021	18:18:09	78769.92	394729.99	39.20	Soil	12,480	0.68
08/24/2021	18:18:10	78770.22	394729.81	39.17	Soil	12,720	0.85
08/24/2021	18:18:11	78770.55	394729.52	39.17	Soil	11,760	0.18
08/24/2021	18:18:12	78770.72	394729.43	39.21	Soil	12,000	0.34
08/24/2021	18:18:13	78770.75	394729.28	39.19	Soil	12,780	0.89
08/24/2021	18:18:14	78770.60	394729.47	39.17	Soil	10,860	-0.46
08/24/2021	18:18:15	78770.33	394729.74	39.18	Soil	12,120	0.43
08/24/2021	18:18:16	78770.46	394729.55	39.15	Soil	11,820	0.22

SU 7D GWS RESULTS
(SOIL)

08/24/2021	18:18:17	78770.63	394729.22	39.17	Soil	10,500	-0.71
08/24/2021	18:18:18	78770.65	394729.18	39.13	Soil	13,860	1.65
08/24/2021	18:18:19	78770.44	394729.43	39.10	Soil	12,600	0.76
08/24/2021	18:18:20	78770.14	394729.66	39.11	Soil	11,880	0.26
08/24/2021	18:18:21	78770.34	394729.54	39.09	Soil	10,500	-0.71
08/24/2021	18:18:22	78770.62	394729.32	39.09	Soil	11,220	-0.20
08/24/2021	18:18:23	78770.64	394729.71	39.05	Soil	10,200	-0.92
08/24/2021	18:18:24	78770.63	394729.97	39.05	Soil	12,120	0.43
08/24/2021	18:18:25	78770.84	394729.75	39.03	Soil	12,360	0.60
08/24/2021	18:18:26	78771.05	394729.53	39.05	Soil	11,700	0.13
08/24/2021	18:18:27	78771.15	394729.38	39.06	Soil	12,840	0.93
08/24/2021	18:18:28	78771.22	394729.08	39.07	Soil	12,360	0.60
08/24/2021	18:18:29	78771.17	394729.19	39.04	Soil	11,160	-0.25
08/24/2021	18:18:30	78771.12	394729.45	39.02	Soil	11,340	-0.12
08/24/2021	18:18:31	78771.06	394729.81	39.03	Soil	13,440	1.35
08/24/2021	18:18:32	78770.99	394729.91	39.08	Soil	11,520	0.01
08/24/2021	18:18:33	78770.91	394729.97	39.03	Soil	12,480	0.68
08/24/2021	18:18:34	78770.82	394730.03	39.08	Soil	12,180	0.47
08/24/2021	18:18:35	78770.86	394730.01	39.09	Soil	11,340	-0.12
08/24/2021	18:18:36	78770.84	394730.00	39.14	Soil	12,180	0.47
08/24/2021	18:18:37	78770.92	394730.04	39.22	Soil	11,280	-0.16
08/24/2021	18:18:38	78771.05	394729.95	39.25	Soil	12,060	0.39
08/24/2021	18:18:39	78771.28	394729.77	39.30	Soil	12,960	1.02
08/24/2021	18:18:40	78771.46	394729.58	39.40	Soil	11,820	0.22
08/24/2021	18:18:41	78771.50	394729.48	39.48	Soil	10,860	-0.46
08/24/2021	18:18:42	78771.51	394729.51	39.48	Soil	11,940	0.30
08/24/2021	18:18:43	78771.36	394729.75	39.47	Soil	12,000	0.34
08/24/2021	18:18:44	78771.04	394730.16	39.53	Soil	13,140	1.14
08/24/2021	18:18:45	78770.98	394730.22	39.53	Soil	12,180	0.47
08/24/2021	18:18:46	78771.18	394729.84	39.56	Soil	13,200	1.19
08/24/2021	18:18:47	78771.32	394729.50	39.60	Soil	10,560	-0.67
08/24/2021	18:18:48	78771.35	394729.45	39.62	Soil	11,040	-0.33
08/24/2021	18:18:49	78771.28	394729.58	39.60	Soil	12,900	0.98
08/24/2021	18:18:50	78770.86	394730.00	39.63	Soil	11,100	-0.29
08/24/2021	18:18:51	78770.66	394730.13	39.66	Soil	13,140	1.14
08/24/2021	18:18:52	78770.60	394730.16	39.67	Soil	11,760	0.18
08/24/2021	18:18:53	78770.76	394729.89	39.67	Soil	12,600	0.76
08/24/2021	18:18:54	78770.96	394729.50	39.64	Soil	10,560	-0.67
08/24/2021	18:18:55	78771.05	394729.41	39.66	Soil	11,760	0.18
08/24/2021	18:18:56	78770.82	394729.67	39.63	Soil	11,100	-0.29
08/24/2021	18:18:57	78770.40	394730.02	39.65	Soil	13,020	1.06
08/24/2021	18:18:58	78770.33	394730.07	39.63	Soil	10,980	-0.37
08/24/2021	18:18:59	78770.59	394729.90	39.60	Soil	12,960	1.02
08/24/2021	18:19:00	78770.93	394729.64	39.60	Soil	10,680	-0.58
08/24/2021	18:19:01	78770.91	394729.97	39.57	Soil	10,920	-0.41
08/24/2021	18:19:02	78770.82	394730.17	39.62	Soil	10,200	-0.92
08/24/2021	18:19:03	78771.25	394729.83	39.56	Soil	10,920	-0.41
08/24/2021	18:19:04	78771.29	394730.04	39.51	Soil	10,860	-0.46
08/24/2021	18:19:05	78771.31	394730.21	39.48	Soil	11,820	0.22
08/24/2021	18:19:06	78771.65	394729.84	39.44	Soil	11,460	-0.04
08/24/2021	18:19:07	78771.85	394729.57	39.48	Soil	11,460	-0.04

SU 7D GWS RESULTS
(SOIL)

08/24/2021	18:19:08	78771.88	394729.75	39.45	Soil	10,740	-0.54
08/24/2021	18:19:09	78771.80	394730.11	39.36	Soil	12,060	0.39
08/24/2021	18:19:10	78771.67	394730.29	39.36	Soil	12,000	0.34
08/24/2021	18:19:11	78771.83	394729.96	39.36	Soil	12,780	0.89
08/24/2021	18:19:12	78771.96	394729.55	39.45	Soil	10,560	-0.67
08/24/2021	18:19:13	78772.01	394729.46	39.40	Soil	11,040	-0.33
08/24/2021	18:19:14	78772.11	394729.61	39.36	Soil	11,280	-0.16
08/24/2021	18:19:15	78771.93	394729.91	39.36	Soil	12,300	0.55
08/24/2021	18:19:16	78771.57	394730.18	39.39	Soil	12,420	0.64
08/24/2021	18:19:17	78771.46	394730.19	39.42	Soil	11,220	-0.20
08/24/2021	18:19:18	78771.41	394730.21	39.45	Soil	12,480	0.68
08/24/2021	18:19:19	78771.49	394730.30	39.45	Soil	12,060	0.39
08/24/2021	18:19:20	78771.57	394730.32	39.42	Soil	11,880	0.26
08/24/2021	18:19:21	78771.82	394730.50	39.37	Soil	11,940	0.30
08/24/2021	18:19:22	78772.11	394730.33	39.31	Soil	10,560	-0.67
08/24/2021	18:19:24	78772.08	394729.62	39.53	Soil	11,400	-0.08
08/24/2021	18:19:25	78772.13	394729.32	39.45	Soil	10,800	-0.50
08/24/2021	18:19:26	78772.13	394729.29	39.42	Soil	10,920	-0.41
08/24/2021	18:19:27	78771.99	394729.32	39.32	Soil	11,520	0.01
08/24/2021	18:19:28	78772.17	394729.02	39.36	Soil	12,900	0.98
08/24/2021	18:19:29	78772.29	394729.21	39.29	Soil	12,780	0.89
08/24/2021	18:19:32	78772.37	394729.10	39.38	Soil	12,240	0.51
08/24/2021	18:19:33	78771.90	394729.29	39.34	Soil	12,780	0.89
08/24/2021	18:19:34	78771.84	394729.49	39.23	Soil	10,680	-0.58
08/24/2021	18:19:35	78771.99	394729.63	39.24	Soil	11,760	0.18
08/24/2021	18:19:36	78771.88	394729.41	39.29	Soil	11,100	-0.29
08/24/2021	18:19:37	78771.94	394729.29	39.25	Soil	12,960	1.02
08/24/2021	18:19:38	78771.92	394729.65	39.18	Soil	11,580	0.05
08/24/2021	18:19:39	78771.88	394729.67	39.17	Soil	9,960	-1.09
08/24/2021	18:19:40	78771.77	394729.44	39.23	Soil	11,100	-0.29
08/24/2021	18:19:41	78771.60	394729.33	39.37	Soil	10,980	-0.37
08/24/2021	18:19:42	78771.41	394729.55	39.36	Soil	10,620	-0.62
08/24/2021	18:19:43	78771.33	394729.56	39.24	Soil	11,640	0.09
08/24/2021	18:19:44	78771.36	394729.55	39.20	Soil	12,540	0.72
08/24/2021	18:19:45	78771.28	394729.86	39.15	Soil	11,880	0.26
08/24/2021	18:19:46	78771.21	394729.91	39.12	Soil	11,280	-0.16
08/24/2021	18:19:47	78771.16	394730.27	39.11	Soil	10,920	-0.41
08/24/2021	18:19:48	78771.06	394730.63	39.04	Soil	12,180	0.47
08/24/2021	18:19:49	78770.98	394730.75	39.04	Soil	12,480	0.68
08/24/2021	18:19:50	78771.06	394730.83	38.96	Soil	10,800	-0.50
08/24/2021	18:19:51	78770.99	394730.77	38.92	Soil	12,900	0.98
08/24/2021	18:19:52	78771.12	394730.54	38.83	Soil	11,040	-0.33
08/24/2021	18:19:53	78771.30	394730.26	38.72	Soil	10,800	-0.50
08/24/2021	18:19:54	78771.20	394730.36	38.64	Soil	11,700	0.13
08/24/2021	18:19:55	78771.05	394730.53	38.65	Soil	12,780	0.89
08/24/2021	18:19:56	78771.09	394730.72	38.62	Soil	12,780	0.89
08/24/2021	18:19:57	78771.15	394731.05	38.55	Soil	11,580	0.05
08/24/2021	18:19:58	78771.20	394731.26	38.49	Soil	10,740	-0.54
08/24/2021	18:19:59	78771.19	394731.37	38.46	Soil	10,980	-0.37
08/24/2021	18:20:00	78771.17	394731.36	38.46	Soil	12,660	0.81
08/24/2021	18:20:01	78771.13	394731.23	38.47	Soil	12,600	0.76

SU 7D GWS RESULTS
(SOIL)

08/24/2021	18:20:02	78771.09	394730.74	38.43	Soil	12,480	0.68
08/24/2021	18:20:03	78771.38	394730.29	38.34	Soil	12,480	0.68
08/24/2021	18:20:04	78771.34	394730.25	38.24	Soil	12,360	0.60
08/24/2021	18:20:05	78771.24	394730.47	38.26	Soil	11,580	0.05
08/24/2021	18:20:06	78771.22	394730.83	38.21	Soil	11,220	-0.20
08/24/2021	18:20:07	78771.21	394731.06	38.15	Soil	10,680	-0.58
08/24/2021	18:20:08	78771.23	394730.98	38.13	Soil	12,420	0.64
08/24/2021	18:20:09	78771.44	394730.54	38.05	Soil	11,820	0.22
08/24/2021	18:20:10	78771.65	394730.26	37.99	Soil	12,360	0.60
08/24/2021	18:20:11	78771.70	394730.09	37.89	Soil	12,000	0.34
08/24/2021	18:20:12	78771.52	394730.31	37.90	Soil	12,600	0.76
08/24/2021	18:20:13	78771.42	394730.65	37.88	Soil	11,100	-0.29
08/24/2021	18:20:14	78771.39	394730.92	37.86	Soil	12,960	1.02
08/24/2021	18:20:15	78771.39	394731.11	37.84	Soil	11,700	0.13
08/24/2021	18:20:16	78771.43	394731.18	37.78	Soil	11,340	-0.12
08/24/2021	18:20:17	78771.42	394731.10	37.76	Soil	11,280	-0.16
08/24/2021	18:20:18	78771.52	394730.86	37.76	Soil	13,140	1.14
08/24/2021	18:20:19	78771.57	394730.69	37.70	Soil	9,480	-1.42
08/24/2021	18:20:20	78771.54	394730.75	37.65	Soil	11,640	0.09
08/24/2021	18:20:21	78771.46	394730.96	37.66	Soil	10,620	-0.62
08/24/2021	18:20:22	78771.46	394730.95	37.64	Soil	11,220	-0.20
08/24/2021	18:20:23	78771.56	394730.74	37.58	Soil	10,920	-0.41
08/24/2021	18:20:24	78771.83	394730.54	37.56	Soil	10,380	-0.79
08/24/2021	18:20:25	78771.89	394730.55	37.50	Soil	9,900	-1.13
08/24/2021	18:20:26	78771.82	394730.63	37.50	Soil	11,340	-0.12
08/24/2021	18:20:27	78771.68	394730.89	37.48	Soil	11,400	-0.08
08/24/2021	18:20:28	78771.63	394731.03	37.46	Soil	11,940	0.30
08/24/2021	18:20:29	78771.75	394730.69	37.42	Soil	10,740	-0.54
08/24/2021	18:20:30	78771.76	394730.52	37.46	Soil	11,100	-0.29
08/24/2021	18:20:31	78771.53	394730.53	37.55	Soil	11,160	-0.25
08/24/2021	18:20:32	78771.51	394730.34	37.62	Soil	10,800	-0.50
08/24/2021	18:20:33	78771.46	394730.25	37.60	Soil	9,240	-1.59
08/24/2021	18:20:34	78771.25	394730.19	37.67	Soil	10,380	-0.79
08/24/2021	18:20:35	78771.17	394730.42	37.67	Soil	12,780	0.89
08/24/2021	18:20:36	78771.13	394730.49	37.63	Soil	12,300	0.55
08/24/2021	18:20:37	78771.22	394730.29	37.67	Soil	11,460	-0.04
08/24/2021	18:20:38	78771.24	394730.30	37.63	Soil	10,680	-0.58
08/24/2021	18:20:39	78771.22	394730.37	37.59	Soil	10,740	-0.54
08/24/2021	18:20:40	78771.09	394730.24	37.64	Soil	11,700	0.13
08/24/2021	18:20:41	78771.18	394729.96	37.64	Soil	12,120	0.43
08/24/2021	18:20:42	78771.37	394729.76	37.62	Soil	10,800	-0.50
08/24/2021	18:20:43	78771.00	394729.98	37.68	Soil	11,460	-0.04
08/24/2021	18:20:44	78770.73	394730.39	37.68	Soil	11,520	0.01
08/24/2021	18:20:45	78770.51	394730.34	37.75	Soil	12,300	0.55
08/24/2021	18:20:46	78770.38	394730.51	37.80	Soil	11,520	0.01
08/24/2021	18:20:47	78770.31	394730.28	37.77	Soil	13,440	1.35
08/24/2021	18:20:48	78770.39	394729.91	37.68	Soil	11,520	0.01
08/24/2021	18:20:49	78770.40	394729.64	37.66	Soil	14,040	1.78
08/24/2021	18:20:50	78770.12	394729.88	37.79	Soil	13,140	1.14
08/24/2021	18:20:51	78769.94	394729.81	37.86	Soil	11,820	0.22
08/24/2021	18:20:52	78769.88	394729.52	37.84	Soil	11,340	-0.12

SU 7D GWS RESULTS
(SOIL)

08/24/2021	18:20:53	78769.67	394729.69	37.93	Soil	11,700	0.13
08/24/2021	18:20:54	78769.51	394729.82	37.96	Soil	10,740	-0.54
08/24/2021	18:20:55	78769.55	394729.53	37.93	Soil	13,260	1.23
08/24/2021	18:20:56	78769.34	394729.48	37.89	Soil	11,280	-0.16
08/24/2021	18:20:57	78769.07	394729.77	38.00	Soil	13,380	1.31
08/24/2021	18:20:58	78769.16	394729.47	37.89	Soil	12,360	0.60
08/24/2021	18:20:59	78769.03	394729.28	37.89	Soil	12,540	0.72
08/24/2021	18:21:00	78768.73	394729.63	37.97	Soil	11,520	0.01
08/24/2021	18:21:01	78768.61	394729.48	37.94	Soil	12,000	0.34
08/24/2021	18:21:02	78768.79	394729.28	37.87	Soil	9,900	-1.13
08/24/2021	18:21:03	78768.83	394729.27	37.89	Soil	12,900	0.98
08/24/2021	18:21:04	78768.88	394729.03	37.93	Soil	10,620	-0.62
08/24/2021	18:21:05	78768.77	394729.29	37.91	Soil	11,880	0.26
08/24/2021	18:21:06	78768.51	394729.49	37.95	Soil	12,420	0.64
08/24/2021	18:21:07	78768.51	394729.23	37.94	Soil	13,320	1.27
08/24/2021	18:21:08	78768.46	394729.26	37.99	Soil	11,640	0.09
08/24/2021	18:21:09	78768.11	394729.40	38.00	Soil	10,500	-0.71
08/24/2021	18:21:10	78768.16	394729.06	37.97	Soil	11,940	0.30
08/24/2021	18:21:11	78768.17	394729.10	37.92	Soil	10,740	-0.54
08/24/2021	18:21:12	78767.82	394729.25	37.92	Soil	10,560	-0.67
08/24/2021	18:21:13	78767.90	394728.99	37.93	Soil	11,760	0.18
08/24/2021	18:21:14	78767.88	394728.94	37.96	Soil	10,500	-0.71
08/24/2021	18:21:15	78767.54	394729.14	37.94	Soil	12,540	0.72
08/24/2021	18:21:16	78767.43	394728.92	37.98	Soil	10,320	-0.84
08/24/2021	18:21:17	78767.48	394728.88	38.00	Soil	10,800	-0.50
08/24/2021	18:21:18	78767.10	394729.18	37.99	Soil	11,280	-0.16
08/24/2021	18:21:19	78767.03	394728.87	37.99	Soil	10,680	-0.58
08/24/2021	18:21:20	78766.94	394729.02	38.04	Soil	10,920	-0.41
08/24/2021	18:21:21	78766.60	394729.20	38.00	Soil	11,880	0.26
08/24/2021	18:21:22	78766.52	394728.99	38.06	Soil	11,100	-0.29
08/24/2021	18:21:23	78766.36	394729.23	38.00	Soil	11,100	-0.29
08/24/2021	18:21:24	78766.23	394729.06	38.07	Soil	12,540	0.72
08/24/2021	18:21:25	78766.23	394729.14	38.06	Soil	11,700	0.13
08/24/2021	18:21:26	78765.94	394729.43	38.06	Soil	12,120	0.43
08/24/2021	18:21:27	78765.85	394729.28	38.13	Soil	12,240	0.51
08/24/2021	18:21:28	78765.74	394729.53	38.13	Soil	12,900	0.98
08/24/2021	18:21:29	78765.56	394729.56	38.13	Soil	11,220	-0.20
08/24/2021	18:21:30	78765.49	394729.38	38.19	Soil	12,060	0.39
08/24/2021	18:21:31	78765.38	394729.48	38.17	Soil	11,880	0.26
08/24/2021	18:21:32	78765.17	394729.50	38.18	Soil	11,820	0.22
08/24/2021	18:21:33	78765.28	394729.27	38.20	Soil	11,400	-0.08
08/24/2021	18:21:34	78765.19	394729.64	38.24	Soil	12,540	0.72
08/24/2021	18:21:35	78765.01	394729.69	38.27	Soil	11,400	-0.08
08/24/2021	18:21:36	78764.80	394729.45	38.28	Soil	11,100	-0.29
08/24/2021	18:21:37	78764.78	394729.47	38.27	Soil	10,680	-0.58
08/24/2021	18:21:38	78764.71	394729.44	38.30	Soil	12,120	0.43
08/24/2021	18:21:39	78764.78	394729.19	38.36	Soil	11,520	0.01
08/24/2021	18:21:40	78764.55	394729.50	38.33	Soil	11,100	-0.29
08/24/2021	18:21:41	78764.52	394729.81	38.36	Soil	12,240	0.51
08/24/2021	18:21:42	78764.87	394729.62	38.40	Soil	13,020	1.06
08/24/2021	18:21:43	78764.88	394729.64	38.38	Soil	11,220	-0.20

SU 7D GWS RESULTS
(SOIL)

08/24/2021	18:21:44	78764.82	394729.61	38.37	Soil	12,660	0.81
08/24/2021	18:21:45	78765.14	394729.30	38.36	Soil	10,440	-0.75
08/24/2021	18:21:46	78765.31	394729.10	38.39	Soil	10,860	-0.46
08/24/2021	18:21:47	78765.25	394729.30	38.41	Soil	10,680	-0.58
08/24/2021	18:21:48	78765.10	394729.56	38.44	Soil	11,340	-0.12
08/24/2021	18:21:49	78764.96	394729.60	38.43	Soil	12,420	0.64
08/24/2021	18:21:50	78765.12	394729.22	38.43	Soil	12,180	0.47
08/24/2021	18:21:51	78765.25	394728.75	38.49	Soil	11,160	-0.25
08/24/2021	18:21:52	78765.17	394728.95	38.51	Soil	12,840	0.93
08/24/2021	18:21:53	78764.83	394729.32	38.52	Soil	10,140	-0.96
08/24/2021	18:21:54	78764.57	394729.35	38.50	Soil	11,520	0.01
08/24/2021	18:21:55	78764.82	394729.04	38.46	Soil	10,260	-0.88
08/24/2021	18:21:56	78765.27	394728.71	38.53	Soil	12,060	0.39
08/24/2021	18:21:57	78765.37	394729.06	38.56	Soil	12,360	0.60
08/24/2021	18:21:58	78765.13	394729.25	38.56	Soil	13,860	1.65
08/24/2021	18:21:59	78765.19	394729.19	38.52	Soil	9,960	-1.09
08/24/2021	18:22:00	78765.17	394729.16	38.52	Soil	9,060	-1.72
08/24/2021	18:22:01	78765.14	394729.09	38.49	Soil	10,800	-0.50
08/24/2021	18:22:02	78765.27	394729.10	38.56	Soil	10,680	-0.58
08/24/2021	18:22:03	78765.30	394729.02	38.55	Soil	11,940	0.30
08/24/2021	18:22:04	78765.33	394729.29	38.53	Soil	11,880	0.26
08/24/2021	18:22:05	78765.31	394728.99	38.56	Soil	10,200	-0.92
08/24/2021	18:22:06	78765.23	394729.00	38.60	Soil	10,620	-0.62
08/24/2021	18:22:07	78765.52	394729.13	38.63	Soil	12,060	0.39
08/24/2021	18:22:08	78765.56	394729.11	38.65	Soil	12,000	0.34
08/24/2021	18:22:09	78765.57	394729.10	38.65	Soil	10,260	-0.88
08/24/2021	18:22:10	78765.50	394729.07	38.70	Soil	10,020	-1.05
08/24/2021	18:22:11	78765.14	394729.16	38.76	Soil	11,940	0.30
08/24/2021	18:22:12	78765.19	394729.14	38.73	Soil	11,580	0.05
08/24/2021	18:22:13	78765.63	394728.91	38.76	Soil	12,900	0.98
08/24/2021	18:22:14	78765.64	394729.18	38.77	Soil	11,700	0.13
08/24/2021	18:22:15	78765.48	394729.53	38.83	Soil	10,920	-0.41
08/24/2021	18:22:16	78765.77	394729.39	38.78	Soil	12,660	0.81
08/24/2021	18:22:17	78766.05	394729.19	38.87	Soil	13,200	1.19
08/24/2021	18:22:18	78766.09	394729.41	38.86	Soil	11,640	0.09
08/24/2021	18:22:19	78765.79	394729.85	38.91	Soil	11,580	0.05
08/24/2021	18:22:20	78765.78	394729.89	38.89	Soil	10,920	-0.41
08/24/2021	18:22:21	78766.29	394729.60	38.90	Soil	12,000	0.34
08/24/2021	18:22:22	78766.44	394729.48	38.95	Soil	12,600	0.76
08/24/2021	18:22:23	78766.53	394729.37	38.98	Soil	11,280	-0.16
08/24/2021	18:22:24	78766.58	394729.34	38.95	Soil	11,280	-0.16
08/24/2021	18:22:25	78766.51	394729.68	38.95	Soil	11,940	0.30
08/24/2021	18:22:26	78766.50	394729.81	38.96	Soil	11,280	-0.16
08/24/2021	18:22:27	78766.69	394729.56	38.95	Soil	11,340	-0.12
08/24/2021	18:22:28	78766.85	394729.46	39.00	Soil	11,880	0.26
08/24/2021	18:22:29	78766.92	394729.77	39.01	Soil	12,480	0.68
08/24/2021	18:22:30	78766.71	394730.04	39.05	Soil	13,260	1.23
08/24/2021	18:22:31	78766.90	394729.79	39.02	Soil	10,740	-0.54
08/24/2021	18:22:32	78767.15	394729.52	39.08	Soil	12,720	0.85
08/24/2021	18:22:33	78767.33	394729.49	39.08	Soil	11,040	-0.33
08/24/2021	18:22:34	78767.26	394729.83	39.04	Soil	10,680	-0.58

SU 7D GWS RESULTS
(SOIL)

08/24/2021	18:22:35	78767.08	394730.02	39.08	Soil	10,020	-1.05
08/24/2021	18:22:36	78766.98	394730.14	39.08	Soil	11,760	0.18
08/24/2021	18:22:37	78767.06	394730.06	39.07	Soil	13,080	1.10
08/24/2021	18:22:38	78767.39	394729.81	39.06	Soil	11,100	-0.29
08/24/2021	18:22:39	78767.62	394729.75	39.10	Soil	11,100	-0.29
08/24/2021	18:22:40	78767.77	394729.82	39.11	Soil	10,620	-0.62
08/24/2021	18:22:41	78767.89	394729.72	39.08	Soil	11,940	0.30
08/24/2021	18:22:42	78767.67	394729.84	39.09	Soil	12,360	0.60
08/24/2021	18:22:43	78767.66	394729.85	39.07	Soil	11,700	0.13
08/24/2021	18:22:44	78767.66	394729.94	39.12	Soil	9,960	-1.09
08/24/2021	18:22:45	78767.40	394730.18	39.13	Soil	11,460	-0.04
08/24/2021	18:22:46	78767.26	394730.25	39.10	Soil	10,260	-0.88
08/24/2021	18:22:47	78767.42	394730.13	39.10	Soil	10,620	-0.62
08/24/2021	18:22:48	78767.82	394729.70	39.12	Soil	10,380	-0.79
08/24/2021	18:22:49	78767.90	394729.67	39.16	Soil	11,100	-0.29
08/24/2021	18:22:50	78767.88	394729.76	39.18	Soil	14,820	2.32
08/24/2021	18:22:51	78767.96	394729.90	39.22	Soil	11,160	-0.25
08/24/2021	18:22:52	78767.99	394729.85	39.14	Soil	11,460	-0.04
08/24/2021	18:22:53	78768.23	394729.65	39.20	Soil	11,100	-0.29
08/24/2021	18:22:54	78768.20	394729.48	39.17	Soil	10,200	-0.92
08/24/2021	18:22:55	78767.90	394729.51	39.26	Soil	11,700	0.13
08/24/2021	18:22:56	78767.39	394729.42	39.33	Soil	10,860	-0.46
08/24/2021	18:22:57	78767.21	394729.29	39.31	Soil	12,060	0.39
08/24/2021	18:22:58	78767.43	394729.59	39.34	Soil	11,520	0.01
08/24/2021	18:22:59	78767.66	394729.66	39.36	Soil	12,660	0.81
08/24/2021	18:23:00	78767.97	394729.82	39.40	Soil	11,760	0.18
08/24/2021	18:23:01	78768.47	394729.67	39.36	Soil	10,920	-0.41
08/24/2021	18:23:02	78768.52	394729.92	39.39	Soil	12,060	0.39
08/24/2021	18:23:03	78768.73	394729.82	39.32	Soil	9,060	-1.72
08/24/2021	18:23:04	78769.03	394729.68	39.29	Soil	13,320	1.27
08/24/2021	18:23:05	78768.94	394729.93	39.24	Soil	11,100	-0.29
08/24/2021	18:23:06	78768.90	394730.02	39.26	Soil	11,460	-0.04
08/24/2021	18:23:07	78769.20	394729.83	39.19	Soil	10,920	-0.41
08/24/2021	18:23:08	78769.45	394729.51	39.21	Soil	12,360	0.60
08/24/2021	18:23:09	78769.45	394729.63	39.11	Soil	11,340	-0.12
08/24/2021	18:23:10	78769.40	394729.97	39.09	Soil	10,200	-0.92
08/24/2021	18:23:11	78769.65	394730.08	39.06	Soil	10,860	-0.46
08/24/2021	18:23:12	78769.83	394730.02	39.02	Soil	12,240	0.51
08/24/2021	18:23:13	78769.94	394730.29	39.05	Soil	13,560	1.44
08/24/2021	18:23:14	78770.03	394730.45	39.04	Soil	12,240	0.51
08/24/2021	18:23:15	78770.35	394730.24	39.08	Soil	10,920	-0.41
08/24/2021	18:23:16	78770.43	394730.23	39.08	Soil	12,120	0.43
08/24/2021	18:23:17	78770.53	394730.52	39.07	Soil	12,300	0.55
08/24/2021	18:23:18	78770.78	394730.41	39.01	Soil	11,160	-0.25
08/24/2021	18:23:19	78770.94	394730.59	38.93	Soil	10,860	-0.46
08/24/2021	18:23:20	78770.86	394730.91	38.91	Soil	11,100	-0.29
08/24/2021	18:23:21	78771.12	394730.80	38.84	Soil	10,620	-0.62
08/24/2021	18:23:22	78771.09	394730.95	38.87	Soil	11,940	0.30
08/24/2021	18:23:23	78770.84	394730.97	38.91	Soil	10,860	-0.46
08/24/2021	18:23:24	78770.77	394730.60	38.91	Soil	11,640	0.09
08/24/2021	18:23:25	78770.92	394730.41	38.94	Soil	12,420	0.64

SU 7D GWS RESULTS
(SOIL)

08/24/2021	18:23:26	78770.97	394730.36	38.88	Soil	10,620	-0.62
08/24/2021	18:23:27	78770.89	394730.24	38.95	Soil	12,300	0.55
08/24/2021	18:23:28	78770.55	394730.47	38.97	Soil	13,020	1.06
08/24/2021	18:23:29	78770.33	394730.62	38.99	Soil	12,180	0.47
08/24/2021	18:23:30	78770.20	394730.34	38.95	Soil	11,220	-0.20
08/24/2021	18:23:31	78770.11	394730.25	38.95	Soil	12,720	0.85
08/24/2021	18:23:32	78769.96	394730.46	38.95	Soil	13,800	1.61
08/24/2021	18:23:33	78769.82	394730.34	38.94	Soil	12,540	0.72
08/24/2021	18:23:34	78769.85	394730.07	38.90	Soil	12,360	0.60
08/24/2021	18:23:35	78769.69	394730.30	38.93	Soil	11,820	0.22
08/24/2021	18:23:36	78769.50	394730.42	38.90	Soil	12,060	0.39
08/24/2021	18:23:37	78769.46	394730.03	38.88	Soil	12,660	0.81
08/24/2021	18:23:38	78769.30	394730.06	38.83	Soil	12,000	0.34
08/24/2021	18:23:39	78769.11	394730.34	38.85	Soil	12,000	0.34
08/24/2021	18:23:40	78769.11	394730.07	38.80	Soil	13,800	1.61
08/24/2021	18:23:41	78769.15	394729.74	38.78	Soil	13,140	1.14
08/24/2021	18:23:42	78768.86	394729.98	38.79	Soil	12,600	0.76
08/24/2021	18:23:43	78768.73	394729.85	38.75	Soil	13,200	1.19
08/24/2021	18:23:44	78768.79	394729.54	38.74	Soil	10,860	-0.46
08/24/2021	18:23:45	78768.85	394729.39	38.71	Soil	10,860	-0.46
08/24/2021	18:23:46	78768.52	394729.61	38.62	Soil	12,180	0.47
08/24/2021	18:23:47	78768.05	394729.91	38.59	Soil	10,920	-0.41
08/24/2021	18:23:48	78767.91	394729.63	38.53	Soil	10,620	-0.62
08/24/2021	18:23:49	78767.89	394729.48	38.47	Soil	13,440	1.35
08/24/2021	18:23:50	78767.69	394729.82	38.46	Soil	11,640	0.09
08/24/2021	18:23:51	78767.51	394729.70	38.41	Soil	11,640	0.09
08/24/2021	18:23:52	78767.39	394729.52	38.39	Soil	10,740	-0.54
08/24/2021	18:23:53	78767.19	394729.85	38.35	Soil	12,360	0.60
08/24/2021	18:23:54	78767.02	394729.67	38.35	Soil	12,420	0.64
08/24/2021	18:23:55	78766.88	394729.60	38.27	Soil	9,780	-1.21
08/24/2021	18:23:56	78766.64	394729.85	38.27	Soil	10,560	-0.67
08/24/2021	18:23:57	78766.49	394729.59	38.24	Soil	12,720	0.85
08/24/2021	18:23:58	78766.40	394729.62	38.21	Soil	11,100	-0.29
08/24/2021	18:23:59	78766.26	394730.05	38.22	Soil	10,020	-1.05
08/24/2021	18:24:00	78766.12	394729.84	38.21	Soil	13,440	1.35
08/24/2021	18:24:01	78766.09	394729.70	38.18	Soil	12,180	0.47
08/24/2021	18:24:02	78765.96	394730.14	38.15	Soil	12,360	0.60
08/24/2021	18:24:03	78765.75	394729.92	38.12	Soil	11,280	-0.16
08/24/2021	18:24:04	78765.62	394729.87	38.08	Soil	11,880	0.26
08/24/2021	18:24:05	78765.50	394730.14	38.04	Soil	11,940	0.30
08/24/2021	18:24:06	78765.30	394729.85	38.04	Soil	9,960	-1.09
08/24/2021	18:24:07	78765.24	394730.05	38.00	Soil	11,040	-0.33
08/24/2021	18:24:08	78765.15	394730.14	37.97	Soil	12,600	0.76
08/24/2021	18:24:09	78765.03	394729.84	37.99	Soil	11,040	-0.33
08/24/2021	18:24:10	78764.91	394730.07	37.95	Soil	9,960	-1.09
08/24/2021	18:24:11	78764.79	394730.14	37.94	Soil	10,020	-1.05
08/24/2021	18:24:12	78764.75	394729.81	37.95	Soil	12,120	0.43
08/24/2021	18:24:13	78764.61	394729.88	37.93	Soil	12,120	0.43
08/24/2021	18:24:14	78764.48	394730.19	37.96	Soil	11,520	0.01
08/24/2021	18:24:15	78764.56	394730.24	37.92	Soil	11,220	-0.20
08/24/2021	18:24:16	78765.11	394730.05	37.97	Soil	14,220	1.90

SU 7D GWS RESULTS
(SOIL)

08/24/2021	18:24:17	78765.30	394730.23	37.99	Soil	10,140	-0.96
08/24/2021	18:24:18	78765.15	394730.66	38.01	Soil	12,840	0.93
08/24/2021	18:24:19	78765.26	394730.47	38.01	Soil	10,680	-0.58
08/24/2021	18:24:20	78765.51	394730.17	38.09	Soil	12,060	0.39
08/24/2021	18:24:21	78765.63	394729.99	38.14	Soil	12,000	0.34
08/24/2021	18:24:22	78765.67	394729.97	38.13	Soil	13,140	1.14
08/24/2021	18:24:23	78765.58	394730.37	38.10	Soil	12,000	0.34
08/24/2021	18:24:24	78765.52	394730.68	38.11	Soil	11,040	-0.33
08/24/2021	18:24:25	78765.82	394730.40	38.14	Soil	11,520	0.01
08/24/2021	18:24:26	78765.91	394730.49	38.14	Soil	12,780	0.89
08/24/2021	18:24:27	78765.84	394730.63	38.20	Soil	9,900	-1.13
08/24/2021	18:24:28	78766.05	394730.57	38.23	Soil	12,240	0.51
08/24/2021	18:24:29	78766.26	394730.62	38.29	Soil	11,580	0.05
08/24/2021	18:24:30	78766.17	394730.85	38.33	Soil	11,460	-0.04
08/24/2021	18:24:31	78766.38	394730.53	38.26	Soil	12,720	0.85
08/24/2021	18:24:32	78766.64	394730.28	38.33	Soil	11,400	-0.08
08/24/2021	18:24:33	78766.70	394730.36	38.38	Soil	10,860	-0.46
08/24/2021	18:24:34	78766.62	394730.33	38.41	Soil	10,200	-0.92
08/24/2021	18:24:35	78766.53	394730.41	38.46	Soil	14,100	1.82
08/24/2021	18:24:36	78766.26	394730.65	38.52	Soil	10,620	-0.62
08/24/2021	18:24:37	78766.37	394730.32	38.54	Soil	10,800	-0.50
08/24/2021	18:24:38	78766.37	394729.92	38.62	Soil	9,900	-1.13
08/24/2021	18:24:39	78766.35	394730.17	38.71	Soil	11,100	-0.29
08/24/2021	18:24:40	78766.22	394730.28	38.73	Soil	11,040	-0.33
08/24/2021	18:24:41	78766.13	394730.37	38.82	Soil	11,280	-0.16
08/24/2021	18:24:42	78766.05	394730.41	38.84	Soil	11,880	0.26
08/24/2021	18:24:43	78765.96	394730.31	39.01	Soil	10,200	-0.92
08/24/2021	18:24:44	78766.11	394730.16	39.10	Soil	11,880	0.26
08/24/2021	18:24:45	78766.16	394730.09	39.14	Soil	10,080	-1.00
08/24/2021	18:24:46	78765.81	394730.13	39.18	Soil	11,340	-0.12
08/24/2021	18:24:47	78765.72	394730.17	39.18	Soil	10,260	-0.88
08/24/2021	18:24:48	78765.71	394730.12	39.23	Soil	10,260	-0.88
08/24/2021	18:24:49	78765.69	394730.07	39.26	Soil	11,880	0.26
08/24/2021	18:24:50	78765.58	394730.03	39.25	Soil	10,860	-0.46
08/24/2021	18:24:51	78765.59	394730.04	39.29	Soil	12,120	0.43
08/24/2021	18:24:52	78765.60	394730.05	39.31	Soil	11,280	-0.16
08/24/2021	18:24:53	78765.58	394730.06	39.31	Soil	10,380	-0.79
08/24/2021	18:24:54	78765.69	394730.12	39.43	Soil	10,020	-1.05
08/24/2021	18:24:55	78765.90	394730.03	39.51	Soil	11,760	0.18
08/24/2021	18:24:56	78765.97	394730.05	39.54	Soil	13,380	1.31
08/24/2021	18:24:57	78765.73	394730.29	39.56	Soil	12,060	0.39
08/24/2021	18:24:58	78765.55	394730.44	39.62	Soil	10,680	-0.58
08/24/2021	18:24:59	78765.39	394730.59	39.61	Soil	11,340	-0.12
08/24/2021	18:25:00	78765.39	394730.60	39.59	Soil	11,100	-0.29
08/24/2021	18:25:01	78765.60	394730.34	39.62	Soil	12,540	0.72
08/24/2021	18:25:02	78765.76	394730.04	39.62	Soil	11,640	0.09
08/24/2021	18:25:03	78765.60	394730.16	39.60	Soil	10,980	-0.37
08/24/2021	18:25:04	78765.23	394730.39	39.58	Soil	13,020	1.06
08/24/2021	18:25:05	78765.33	394730.31	39.61	Soil	10,200	-0.92
08/24/2021	18:25:06	78765.52	394729.87	39.62	Soil	9,540	-1.38
08/24/2021	18:25:07	78765.39	394729.99	39.61	Soil	11,460	-0.04

SU 7D GWS RESULTS
(SOIL)

08/24/2021	18:25:08	78764.98	394730.23	39.66	Soil	11,940	0.30
08/24/2021	18:25:09	78765.08	394730.28	39.63	Soil	13,320	1.27
08/24/2021	18:25:10	78765.19	394730.26	39.60	Soil	9,900	-1.13
08/24/2021	18:25:11	78765.01	394730.33	39.64	Soil	11,820	0.22
08/24/2021	18:25:12	78765.14	394730.24	39.69	Soil	11,880	0.26
08/24/2021	18:25:13	78765.30	394730.01	39.67	Soil	10,740	-0.54
08/24/2021	18:25:14	78765.24	394730.09	39.70	Soil	11,880	0.26
08/24/2021	18:25:15	78764.94	394730.44	39.70	Soil	9,540	-1.38
08/24/2021	18:25:16	78764.81	394730.55	39.67	Soil	10,560	-0.67
08/24/2021	18:25:17	78764.81	394730.53	39.71	Soil	10,440	-0.75
08/24/2021	18:25:18	78764.94	394730.35	39.71	Soil	11,700	0.13
08/24/2021	18:25:19	78764.85	394730.40	39.65	Soil	13,500	1.40
08/24/2021	18:25:20	78764.73	394730.54	39.63	Soil	10,080	-1.00
08/24/2021	18:25:21	78764.81	394730.38	39.70	Soil	10,740	-0.54
08/24/2021	18:26:01	78764.93	394730.85	39.40	Soil	11,520	0.01
08/24/2021	18:26:02	78764.87	394730.92	39.27	Soil	13,140	1.14
08/24/2021	18:26:03	78764.69	394731.12	39.31	Soil	9,360	-1.51
08/24/2021	18:26:04	78764.60	394731.30	39.24	Soil	10,140	-0.96
08/24/2021	18:26:05	78764.70	394731.19	39.17	Soil	10,920	-0.41
08/24/2021	18:26:06	78764.95	394730.81	39.16	Soil	12,300	0.55
08/24/2021	18:26:07	78765.09	394730.52	39.15	Soil	13,140	1.14
08/24/2021	18:26:08	78765.19	394730.66	39.08	Soil	10,500	-0.71
08/24/2021	18:26:09	78765.12	394731.08	39.11	Soil	11,640	0.09
08/24/2021	18:26:10	78764.96	394731.32	39.06	Soil	11,520	0.01
08/24/2021	18:26:11	78764.93	394731.32	39.05	Soil	11,820	0.22
08/24/2021	18:26:12	78765.22	394730.99	39.09	Soil	11,700	0.13
08/24/2021	18:26:13	78765.39	394730.72	39.10	Soil	13,140	1.14
08/24/2021	18:26:14	78765.42	394730.87	39.11	Soil	9,900	-1.13
08/24/2021	18:26:15	78765.31	394731.16	39.13	Soil	11,880	0.26
08/24/2021	18:26:16	78765.14	394731.35	39.13	Soil	10,140	-0.96
08/24/2021	18:26:17	78765.24	394731.30	39.11	Soil	10,080	-1.00
08/24/2021	18:26:18	78765.50	394731.14	39.17	Soil	13,260	1.23
08/24/2021	18:26:19	78765.56	394731.08	39.18	Soil	12,120	0.43
08/24/2021	18:26:20	78765.48	394731.12	39.18	Soil	11,820	0.22
08/24/2021	18:26:21	78765.51	394731.02	39.18	Soil	11,340	-0.12
08/24/2021	18:26:22	78765.47	394731.05	39.17	Soil	12,900	0.98
08/24/2021	18:26:23	78765.37	394731.19	39.14	Soil	9,780	-1.21
08/24/2021	18:26:24	78765.23	394731.30	39.13	Soil	10,620	-0.62
08/24/2021	18:26:25	78765.20	394731.33	39.14	Soil	10,620	-0.62
08/24/2021	18:26:26	78765.20	394731.33	39.13	Soil	11,160	-0.25
08/24/2021	18:26:27	78765.21	394731.32	39.13	Soil	11,940	0.30
08/24/2021	18:26:28	78765.23	394731.34	39.11	Soil	13,260	1.23
08/24/2021	18:26:29	78765.22	394731.43	39.11	Soil	11,040	-0.33
08/24/2021	18:26:30	78765.26	394731.45	39.13	Soil	11,280	-0.16
08/24/2021	18:26:31	78765.57	394731.32	39.18	Soil	11,760	0.18
08/24/2021	18:26:43	78765.99	394731.39	39.16	Soil	12,360	0.60
08/24/2021	18:26:44	78765.88	394731.41	39.10	Soil	10,320	-0.84
08/24/2021	18:26:45	78765.81	394731.35	39.09	Soil	9,540	-1.38
08/24/2021	18:26:46	78765.83	394730.85	39.09	Soil	10,920	-0.41
08/24/2021	18:26:47	78765.86	394730.60	39.03	Soil	10,740	-0.54
08/24/2021	18:26:48	78765.95	394730.72	39.01	Soil	11,340	-0.12

SU 7D GWS RESULTS
(SOIL)

08/24/2021	18:26:49	78765.95	394731.07	39.03	Soil	10,560	-0.67
08/24/2021	18:26:50	78765.95	394731.32	39.00	Soil	11,520	0.01
08/24/2021	18:26:51	78766.06	394731.22	38.98	Soil	11,820	0.22
08/24/2021	18:26:52	78766.03	394731.31	38.97	Soil	11,340	-0.12
08/24/2021	18:26:53	78765.99	394731.28	38.93	Soil	12,540	0.72
08/24/2021	18:26:54	78766.00	394730.96	38.97	Soil	11,880	0.26
08/24/2021	18:26:55	78765.78	394731.02	38.94	Soil	11,580	0.05
08/24/2021	18:26:56	78765.62	394731.15	38.90	Soil	11,100	-0.29
08/24/2021	18:26:57	78765.64	394730.94	38.92	Soil	11,580	0.05
08/24/2021	18:26:58	78765.47	394730.95	38.92	Soil	11,160	-0.25
08/24/2021	18:26:59	78765.20	394731.11	38.91	Soil	12,840	0.93
08/24/2021	18:27:00	78765.26	394731.05	38.91	Soil	11,040	-0.33
08/24/2021	18:27:01	78765.14	394731.07	38.93	Soil	10,740	-0.54
08/24/2021	18:27:02	78765.08	394731.09	38.90	Soil	10,620	-0.62
08/24/2021	18:27:03	78765.02	394731.11	38.90	Soil	10,500	-0.71
08/24/2021	18:27:04	78765.15	394731.06	38.94	Soil	10,920	-0.41
08/24/2021	18:27:05	78765.37	394730.85	38.99	Soil	11,580	0.05
08/24/2021	18:27:06	78765.46	394730.87	39.00	Soil	12,420	0.64
08/24/2021	18:27:07	78765.43	394731.18	39.00	Soil	11,820	0.22
08/24/2021	18:27:08	78765.61	394731.24	38.95	Soil	10,980	-0.37
08/24/2021	18:27:09	78765.78	394731.31	38.95	Soil	12,180	0.47
08/24/2021	18:27:10	78765.70	394731.50	38.92	Soil	10,740	-0.54
08/24/2021	18:27:11	78765.81	394731.47	38.92	Soil	11,760	0.18
08/24/2021	18:27:12	78766.06	394731.33	38.91	Soil	11,820	0.22
08/24/2021	18:27:13	78766.08	394731.32	38.92	Soil	12,540	0.72
08/24/2021	18:27:14	78766.20	394731.19	38.93	Soil	12,420	0.64
08/24/2021	18:27:15	78766.23	394731.33	38.96	Soil	11,940	0.30
08/24/2021	18:27:16	78766.32	394731.24	38.93	Soil	9,840	-1.17
08/24/2021	18:27:17	78766.44	394731.03	38.95	Soil	10,260	-0.88
08/24/2021	18:27:18	78766.46	394731.17	38.96	Soil	11,640	0.09
08/24/2021	18:27:19	78766.37	394731.37	38.87	Soil	12,720	0.85
08/24/2021	18:27:20	78766.37	394731.43	38.83	Soil	10,380	-0.79
08/24/2021	18:27:21	78766.50	394731.22	38.84	Soil	9,600	-1.34
08/24/2021	18:27:22	78766.66	394730.77	38.89	Soil	11,040	-0.33
08/24/2021	18:27:23	78766.72	394730.56	38.87	Soil	10,680	-0.58
08/24/2021	18:27:24	78766.65	394730.37	38.89	Soil	11,100	-0.29
08/24/2021	18:27:25	78766.72	394730.54	38.90	Soil	10,020	-1.05
08/24/2021	18:27:26	78766.74	394730.88	38.93	Soil	10,560	-0.67
08/24/2021	18:27:27	78766.69	394730.96	38.92	Soil	12,900	0.98
08/24/2021	18:27:28	78766.58	394731.10	38.93	Soil	11,700	0.13
08/24/2021	18:27:29	78766.59	394731.25	38.98	Soil	12,180	0.47
08/24/2021	18:27:30	78766.80	394731.25	39.02	Soil	11,400	-0.08
08/24/2021	18:28:10	78766.68	394730.99	39.41	Soil	12,360	0.60
08/24/2021	18:28:11	78766.53	394731.05	39.33	Soil	13,020	1.06
08/24/2021	18:28:12	78766.54	394731.08	39.29	Soil	10,740	-0.54
08/24/2021	18:28:13	78766.88	394730.76	39.28	Soil	13,080	1.10
08/24/2021	18:28:14	78767.06	394730.58	39.29	Soil	12,840	0.93
08/24/2021	18:28:15	78767.10	394730.76	39.28	Soil	12,060	0.39
08/24/2021	18:28:16	78766.98	394731.01	39.22	Soil	13,140	1.14
08/24/2021	18:28:17	78766.95	394731.11	39.21	Soil	11,460	-0.04
08/24/2021	18:28:18	78767.05	394730.96	39.28	Soil	10,260	-0.88

SU 7D GWS RESULTS
(SOIL)

08/24/2021	18:28:19	78767.06	394730.90	39.24	Soil	11,220	-0.20
08/24/2021	18:28:20	78766.97	394731.02	39.20	Soil	11,220	-0.20
08/24/2021	18:28:21	78766.99	394730.81	39.20	Soil	12,600	0.76
08/24/2021	18:28:22	78766.88	394730.60	39.21	Soil	10,860	-0.46
08/24/2021	18:28:23	78766.48	394730.68	39.18	Soil	12,180	0.47
08/24/2021	18:28:24	78766.15	394730.69	39.19	Soil	10,740	-0.54
08/24/2021	18:28:25	78766.05	394730.73	39.20	Soil	11,820	0.22
08/24/2021	18:28:26	78766.04	394730.79	39.19	Soil	10,920	-0.41
08/24/2021	18:28:27	78766.23	394730.84	39.20	Soil	12,000	0.34
08/24/2021	18:28:28	78766.52	394730.75	39.21	Soil	12,180	0.47
08/24/2021	18:28:29	78766.81	394730.57	39.21	Soil	12,120	0.43
08/24/2021	18:28:30	78767.02	394730.31	39.27	Soil	12,660	0.81
08/24/2021	18:28:31	78767.17	394730.03	39.28	Soil	11,940	0.30
08/24/2021	18:28:32	78767.15	394730.25	39.21	Soil	10,680	-0.58
08/24/2021	18:28:33	78767.06	394730.64	39.26	Soil	12,720	0.85
08/24/2021	18:28:34	78766.95	394730.83	39.26	Soil	11,520	0.01
08/24/2021	18:28:35	78767.11	394730.72	39.24	Soil	11,940	0.30
08/24/2021	18:28:36	78767.41	394730.43	39.26	Soil	10,440	-0.75
08/24/2021	18:28:37	78767.53	394730.52	39.26	Soil	11,160	-0.25
08/24/2021	18:28:38	78767.46	394730.79	39.26	Soil	13,260	1.23
08/24/2021	18:28:39	78767.27	394730.96	39.22	Soil	11,640	0.09
08/24/2021	18:28:40	78767.16	394731.10	39.20	Soil	11,580	0.05
08/24/2021	18:28:41	78767.14	394731.14	39.14	Soil	10,620	-0.62
08/24/2021	18:28:42	78767.14	394731.09	39.07	Soil	12,600	0.76
08/24/2021	18:28:43	78767.21	394731.01	39.09	Soil	11,100	-0.29
08/24/2021	18:28:44	78767.33	394730.81	39.10	Soil	12,240	0.51
08/24/2021	18:28:45	78767.41	394730.50	39.14	Soil	12,720	0.85
08/24/2021	18:28:46	78767.36	394730.35	39.14	Soil	11,760	0.18
08/24/2021	18:28:47	78767.33	394730.53	39.15	Soil	11,520	0.01
08/24/2021	18:28:48	78767.30	394730.80	39.22	Soil	11,280	-0.16
08/24/2021	18:28:49	78767.24	394731.00	39.19	Soil	11,640	0.09
08/24/2021	18:28:50	78767.18	394731.21	39.19	Soil	12,600	0.76
08/24/2021	18:28:51	78767.45	394731.09	39.07	Soil	9,720	-1.26
08/24/2021	18:28:52	78767.74	394730.88	39.09	Soil	11,040	-0.33
08/24/2021	18:28:53	78767.88	394730.66	39.15	Soil	9,780	-1.21
08/24/2021	18:28:54	78767.95	394730.51	39.10	Soil	11,460	-0.04
08/24/2021	18:28:55	78767.91	394730.68	39.11	Soil	10,020	-1.05
08/24/2021	18:28:56	78767.65	394730.98	39.12	Soil	10,980	-0.37
08/24/2021	18:28:57	78767.58	394730.98	39.15	Soil	13,320	1.27
08/24/2021	18:28:58	78767.75	394730.61	39.16	Soil	13,140	1.14
08/24/2021	18:28:59	78767.72	394730.58	39.15	Soil	11,880	0.26
08/24/2021	18:29:00	78767.66	394730.40	39.15	Soil	11,160	-0.25
08/24/2021	18:29:01	78767.70	394730.15	39.14	Soil	13,320	1.27
08/24/2021	18:29:02	78767.67	394730.20	39.14	Soil	11,400	-0.08
08/24/2021	18:29:03	78767.70	394730.15	39.19	Soil	12,600	0.76
08/24/2021	18:29:04	78767.69	394730.24	39.24	Soil	12,660	0.81
08/24/2021	18:29:05	78767.74	394730.36	39.29	Soil	10,500	-0.71
08/24/2021	18:29:06	78767.93	394730.18	39.36	Soil	12,600	0.76
08/24/2021	18:29:07	78767.93	394730.25	39.35	Soil	13,440	1.35
08/24/2021	18:29:08	78767.79	394730.42	39.39	Soil	11,280	-0.16
08/24/2021	18:29:09	78767.68	394730.47	39.42	Soil	11,100	-0.29

SU 7D GWS RESULTS
(SOIL)

08/24/2021	18:29:10	78767.66	394730.46	39.45	Soil	11,580	0.05
08/24/2021	18:29:11	78767.63	394730.47	39.46	Soil	13,680	1.52
08/24/2021	18:29:12	78767.57	394730.60	39.49	Soil	12,600	0.76
08/24/2021	18:29:13	78767.53	394730.72	39.49	Soil	11,460	-0.04
08/24/2021	18:29:14	78767.52	394730.88	39.51	Soil	11,580	0.05
08/24/2021	18:29:15	78767.61	394730.93	39.51	Soil	11,700	0.13
08/24/2021	18:29:16	78767.89	394730.68	39.51	Soil	12,660	0.81
08/24/2021	18:29:17	78768.19	394730.49	39.56	Soil	11,460	-0.04
08/24/2021	18:29:18	78768.35	394730.58	39.58	Soil	11,400	-0.08
08/24/2021	18:29:19	78768.29	394730.73	39.58	Soil	11,340	-0.12
08/24/2021	18:29:20	78768.22	394730.68	39.57	Soil	11,760	0.18
08/24/2021	18:29:21	78768.16	394730.74	39.54	Soil	10,020	-1.05
08/24/2021	18:29:22	78768.03	394730.97	39.50	Soil	10,080	-1.00
08/24/2021	18:29:23	78767.83	394730.97	39.44	Soil	11,880	0.26
08/24/2021	18:29:24	78767.76	394731.11	39.43	Soil	9,840	-1.17
08/24/2021	18:29:25	78767.76	394731.20	39.41	Soil	12,540	0.72
08/24/2021	18:29:26	78767.84	394731.17	39.42	Soil	11,640	0.09
08/24/2021	18:29:27	78767.88	394731.12	39.37	Soil	11,640	0.09
08/24/2021	18:29:28	78768.03	394731.08	39.48	Soil	12,900	0.98
08/24/2021	18:29:29	78768.15	394730.90	39.46	Soil	12,420	0.64
08/24/2021	18:29:30	78768.35	394730.68	39.47	Soil	12,300	0.55
08/24/2021	18:29:31	78768.47	394730.30	39.47	Soil	10,260	-0.88
08/24/2021	18:29:32	78768.52	394730.14	39.45	Soil	11,820	0.22
08/24/2021	18:29:33	78768.57	394730.11	39.48	Soil	13,200	1.19
08/24/2021	18:29:34	78768.71	394729.84	39.50	Soil	9,660	-1.30
08/24/2021	18:29:35	78768.59	394729.85	39.49	Soil	12,300	0.55
08/24/2021	18:29:36	78768.25	394730.03	39.43	Soil	12,120	0.43
08/24/2021	18:29:37	78767.97	394730.14	39.39	Soil	11,520	0.01
08/24/2021	18:29:38	78767.95	394730.11	39.43	Soil	12,960	1.02
08/24/2021	18:29:39	78768.20	394729.89	39.40	Soil	12,840	0.93
08/24/2021	18:29:40	78768.32	394729.78	39.35	Soil	11,640	0.09
08/24/2021	18:29:41	78768.14	394729.94	39.33	Soil	11,340	-0.12
08/24/2021	18:29:42	78767.85	394730.15	39.31	Soil	11,640	0.09
08/24/2021	18:29:43	78767.78	394730.22	39.29	Soil	10,860	-0.46
08/24/2021	18:29:44	78768.05	394730.24	39.37	Soil	12,960	1.02
08/24/2021	18:29:45	78768.28	394730.29	39.33	Soil	11,880	0.26
08/24/2021	18:29:46	78768.19	394730.45	39.35	Soil	10,800	-0.50
08/24/2021	18:29:47	78768.16	394730.68	39.40	Soil	10,740	-0.54
08/24/2021	18:29:48	78768.24	394730.97	39.35	Soil	11,520	0.01
08/24/2021	18:29:49	78768.28	394731.12	39.37	Soil	12,300	0.55
08/24/2021	18:29:50	78768.40	394731.13	39.35	Soil	11,100	-0.29
08/24/2021	18:29:51	78768.49	394731.23	39.32	Soil	11,940	0.30
08/24/2021	18:29:52	78768.52	394731.30	39.31	Soil	12,480	0.68
08/24/2021	18:29:53	78768.63	394731.17	39.38	Soil	13,140	1.14
08/24/2021	18:29:54	78768.76	394730.90	39.40	Soil	11,880	0.26
08/24/2021	18:29:55	78768.76	394730.84	39.45	Soil	11,160	-0.25
08/24/2021	18:29:56	78768.65	394730.77	39.45	Soil	12,600	0.76
08/24/2021	18:29:57	78768.52	394730.74	39.49	Soil	11,880	0.26
08/24/2021	18:29:58	78768.38	394730.92	39.54	Soil	11,940	0.30
08/24/2021	18:29:59	78768.31	394731.13	39.55	Soil	13,320	1.27
08/24/2021	18:30:00	78768.38	394731.12	39.54	Soil	11,280	-0.16

SU 7D GWS RESULTS
(SOIL)

08/24/2021	18:30:01	78768.50	394730.90	39.53	Soil	11,700	0.13
08/24/2021	18:30:02	78768.68	394730.68	39.56	Soil	12,300	0.55
08/24/2021	18:30:03	78768.60	394730.81	39.61	Soil	12,240	0.51
08/24/2021	18:30:04	78768.62	394730.74	39.63	Soil	9,840	-1.17
08/24/2021	18:30:05	78768.70	394730.54	39.65	Soil	12,420	0.64
08/24/2021	18:30:06	78768.63	394730.63	39.66	Soil	11,040	-0.33
08/24/2021	18:30:07	78768.68	394730.39	39.62	Soil	13,380	1.31
08/24/2021	18:30:08	78768.73	394730.19	39.63	Soil	11,580	0.05
08/24/2021	18:30:09	78768.73	394730.37	39.67	Soil	10,020	-1.05
08/24/2021	18:30:10	78768.67	394730.46	39.74	Soil	11,400	-0.08
08/24/2021	18:30:11	78768.78	394730.36	39.73	Soil	12,660	0.81
08/24/2021	18:30:12	78768.84	394730.39	39.71	Soil	13,380	1.31
08/24/2021	18:30:13	78768.75	394730.62	39.71	Soil	12,180	0.47
08/24/2021	18:30:14	78768.63	394730.81	39.70	Soil	12,660	0.81
08/24/2021	18:30:15	78768.51	394730.98	39.67	Soil	11,760	0.18
08/24/2021	18:30:16	78768.55	394731.15	39.62	Soil	10,020	-1.05
08/24/2021	18:30:17	78768.71	394731.44	39.59	Soil	12,840	0.93
08/24/2021	18:30:18	78768.81	394731.51	39.58	Soil	12,720	0.85
08/24/2021	18:30:19	78769.06	394731.30	39.60	Soil	13,560	1.44
08/24/2021	18:30:20	78769.38	394731.02	39.64	Soil	12,060	0.39
08/24/2021	18:30:21	78769.53	394730.72	39.66	Soil	10,380	-0.79
08/24/2021	18:30:22	78769.62	394730.53	39.63	Soil	10,800	-0.50
08/24/2021	18:30:23	78769.75	394730.48	39.61	Soil	12,900	0.98
08/24/2021	18:30:24	78769.65	394730.61	39.59	Soil	12,000	0.34
08/24/2021	18:30:25	78769.38	394730.83	39.61	Soil	9,600	-1.34
08/24/2021	18:30:26	78769.17	394730.95	39.65	Soil	10,920	-0.41
08/24/2021	18:30:27	78768.97	394731.07	39.65	Soil	10,680	-0.58
08/24/2021	18:30:28	78768.93	394731.13	39.62	Soil	11,760	0.18
08/24/2021	18:30:29	78769.13	394730.86	39.60	Soil	12,900	0.98
08/24/2021	18:30:30	78769.28	394730.60	39.61	Soil	11,760	0.18
08/24/2021	18:30:31	78769.31	394730.48	39.66	Soil	10,800	-0.50
08/24/2021	18:30:32	78769.21	394730.45	39.77	Soil	10,740	-0.54
08/24/2021	18:30:33	78769.00	394730.53	39.79	Soil	11,640	0.09
08/24/2021	18:30:34	78768.79	394730.62	39.79	Soil	11,400	-0.08
08/24/2021	18:30:35	78768.63	394730.80	39.74	Soil	11,580	0.05
08/24/2021	18:30:36	78768.63	394731.03	39.67	Soil	12,360	0.60
08/24/2021	18:30:37	78768.84	394731.33	39.63	Soil	13,260	1.23
08/24/2021	18:30:38	78769.08	394731.56	39.61	Soil	12,660	0.81
08/24/2021	18:30:39	78769.36	394731.69	39.68	Soil	12,780	0.89
08/24/2021	18:30:40	78769.76	394731.68	39.75	Soil	12,180	0.47
08/24/2021	18:30:41	78770.02	394731.69	39.75	Soil	10,380	-0.79
08/24/2021	18:30:42	78770.19	394731.79	39.73	Soil	11,340	-0.12
08/24/2021	18:30:43	78770.30	394731.93	39.75	Soil	12,420	0.64
08/24/2021	18:30:44	78770.45	394731.86	39.79	Soil	9,960	-1.09
08/24/2021	18:30:45	78770.68	394731.83	39.75	Soil	12,240	0.51
08/24/2021	18:30:46	78770.95	394731.71	39.74	Soil	10,620	-0.62
08/24/2021	18:30:47	78771.18	394731.42	39.61	Soil	11,040	-0.33
08/24/2021	18:30:48	78771.12	394731.15	39.64	Soil	11,100	-0.29
08/24/2021	18:30:49	78771.12	394730.99	39.53	Soil	14,820	2.32
08/24/2021	18:30:50	78771.13	394730.94	39.43	Soil	13,380	1.31
08/24/2021	18:30:51	78771.02	394730.97	39.38	Soil	10,920	-0.41

SU 7D GWS RESULTS
(SOIL)

08/24/2021	18:30:52	78771.18	394730.87	39.33	Soil	13,620	1.48
08/24/2021	18:30:53	78771.15	394730.96	39.34	Soil	13,500	1.40
08/24/2021	18:30:54	78770.81	394731.31	39.35	Soil	9,780	-1.21
08/24/2021	18:30:55	78770.70	394731.28	39.29	Soil	14,100	1.82
08/24/2021	18:30:56	78770.84	394730.94	39.26	Soil	11,460	-0.04
08/24/2021	18:30:57	78771.00	394730.69	39.20	Soil	12,540	0.72
08/24/2021	18:30:58	78770.95	394730.79	39.16	Soil	11,220	-0.20
08/24/2021	18:30:59	78770.70	394731.18	39.17	Soil	12,180	0.47
08/24/2021	18:31:00	78770.51	394731.52	39.18	Soil	10,140	-0.96
08/24/2021	18:31:01	78770.48	394731.71	39.17	Soil	10,860	-0.46
08/24/2021	18:31:02	78770.49	394731.69	39.16	Soil	11,160	-0.25
08/24/2021	18:31:03	78770.53	394731.44	39.12	Soil	12,000	0.34
08/24/2021	18:31:04	78770.62	394731.14	39.08	Soil	11,280	-0.16
08/24/2021	18:31:05	78770.76	394730.83	39.09	Soil	12,420	0.64
08/24/2021	18:31:06	78770.79	394730.71	39.05	Soil	11,400	-0.08
08/24/2021	18:31:07	78770.64	394730.82	39.03	Soil	9,840	-1.17
08/24/2021	18:31:08	78770.40	394731.08	39.05	Soil	11,280	-0.16
08/24/2021	18:31:09	78770.18	394731.35	39.03	Soil	14,100	1.82
08/24/2021	18:31:10	78770.12	394731.57	38.99	Soil	13,500	1.40
08/24/2021	18:31:11	78770.18	394731.59	38.92	Soil	10,380	-0.79
08/24/2021	18:31:12	78770.20	394731.37	38.89	Soil	11,880	0.26
08/24/2021	18:31:13	78770.24	394731.08	38.86	Soil	11,880	0.26
08/24/2021	18:31:14	78770.40	394730.76	38.85	Soil	13,620	1.48
08/24/2021	18:31:15	78770.55	394730.58	38.79	Soil	11,760	0.18
08/24/2021	18:31:16	78770.44	394730.65	38.76	Soil	10,980	-0.37
08/24/2021	18:31:17	78770.12	394730.87	38.71	Soil	12,000	0.34
08/24/2021	18:31:18	78769.90	394731.17	38.71	Soil	12,480	0.68
08/24/2021	18:31:19	78769.85	394731.35	38.69	Soil	12,660	0.81
08/24/2021	18:31:20	78769.86	394731.24	38.66	Soil	12,840	0.93
08/24/2021	18:31:21	78769.93	394730.93	38.61	Soil	12,060	0.39
08/24/2021	18:31:22	78770.13	394730.60	38.59	Soil	11,220	-0.20
08/24/2021	18:31:23	78770.29	394730.43	38.56	Soil	10,800	-0.50
08/24/2021	18:31:24	78770.10	394730.55	38.53	Soil	11,160	-0.25
08/24/2021	18:31:25	78769.77	394730.82	38.49	Soil	10,740	-0.54
08/24/2021	18:31:26	78769.54	394731.04	38.44	Soil	10,320	-0.84
08/24/2021	18:31:27	78769.65	394731.25	38.38	Soil	11,460	-0.04
08/24/2021	18:31:28	78769.86	394731.44	38.39	Soil	12,360	0.60
08/24/2021	18:31:29	78769.55	394731.38	38.38	Soil	13,260	1.23
08/24/2021	18:31:30	78769.25	394731.28	38.32	Soil	11,640	0.09
08/24/2021	18:31:31	78769.39	394731.43	38.35	Soil	12,660	0.81
08/24/2021	18:31:32	78769.30	394731.45	38.30	Soil	13,320	1.27
08/24/2021	18:31:33	78769.31	394731.43	38.26	Soil	11,700	0.13
08/24/2021	18:31:34	78769.67	394731.52	38.25	Soil	13,200	1.19
08/24/2021	18:31:35	78769.72	394731.68	38.27	Soil	12,540	0.72
08/24/2021	18:31:36	78769.57	394731.74	38.31	Soil	12,000	0.34
08/24/2021	18:31:37	78769.71	394731.79	38.38	Soil	12,000	0.34
08/24/2021	18:31:38	78769.79	394731.83	38.39	Soil	12,480	0.68
08/25/2021	13:04:49	78764.52	394746.44	39.64	Soil	11,580	0.05
08/25/2021	13:04:50	78764.61	394746.53	39.63	Soil	11,400	-0.08
08/25/2021	13:04:51	78764.70	394746.74	39.60	Soil	10,860	-0.46
08/25/2021	13:04:52	78764.73	394746.60	39.61	Soil	10,680	-0.58

SU 7D GWS RESULTS
(SOIL)

08/25/2021	13:04:53	78764.69	394746.24	39.64	Soil	10,380	-0.79
08/25/2021	13:04:54	78764.72	394746.21	39.63	Soil	11,640	0.09
08/25/2021	13:04:55	78764.87	394746.49	39.65	Soil	12,360	0.60
08/25/2021	13:04:56	78764.96	394746.80	39.64	Soil	11,700	0.13
08/25/2021	13:04:57	78765.01	394747.00	39.66	Soil	10,980	-0.37
08/25/2021	13:04:58	78765.11	394746.94	39.66	Soil	11,880	0.26
08/25/2021	13:04:59	78765.23	394746.67	39.65	Soil	11,520	0.01
08/25/2021	13:05:00	78765.29	394746.43	39.68	Soil	12,960	1.02
08/25/2021	13:05:01	78765.26	394746.23	39.69	Soil	11,400	-0.08
08/25/2021	13:05:02	78765.16	394746.13	39.71	Soil	11,280	-0.16
08/25/2021	13:05:03	78765.17	394746.16	39.69	Soil	11,820	0.22
08/25/2021	13:05:04	78765.25	394746.31	39.69	Soil	10,980	-0.37
08/25/2021	13:05:05	78765.28	394746.49	39.68	Soil	11,760	0.18
08/25/2021	13:05:06	78765.27	394746.57	39.67	Soil	12,300	0.55
08/25/2021	13:05:07	78765.21	394746.60	39.67	Soil	12,420	0.64
08/25/2021	13:05:08	78765.11	394746.64	39.62	Soil	10,500	-0.71
08/25/2021	13:05:09	78765.18	394746.71	39.65	Soil	12,300	0.55
08/25/2021	13:05:10	78765.36	394746.67	39.64	Soil	11,940	0.30
08/25/2021	13:05:11	78765.47	394746.41	39.62	Soil	12,000	0.34
08/25/2021	13:05:12	78765.46	394746.25	39.59	Soil	11,340	-0.12
08/25/2021	13:05:13	78765.52	394746.43	39.58	Soil	10,260	-0.88
08/25/2021	13:05:14	78765.62	394746.69	39.59	Soil	12,000	0.34
08/25/2021	13:05:15	78765.62	394746.90	39.60	Soil	11,640	0.09
08/25/2021	13:05:16	78765.63	394747.03	39.64	Soil	10,560	-0.67
08/25/2021	13:05:17	78765.67	394746.86	39.63	Soil	12,720	0.85
08/25/2021	13:05:18	78765.42	394746.48	39.65	Soil	11,040	-0.33
08/25/2021	13:05:19	78765.03	394746.41	39.65	Soil	11,520	0.01
08/25/2021	13:05:20	78764.89	394746.51	39.66	Soil	10,920	-0.41
08/25/2021	13:05:21	78765.12	394746.46	39.71	Soil	10,560	-0.67
08/25/2021	13:05:22	78765.56	394746.50	39.71	Soil	11,280	-0.16
08/25/2021	13:05:23	78765.84	394746.66	39.69	Soil	10,620	-0.62
08/25/2021	13:05:24	78765.89	394746.52	39.67	Soil	9,780	-1.21
08/25/2021	13:05:25	78765.82	394746.22	39.68	Soil	11,040	-0.33
08/25/2021	13:05:26	78765.73	394746.11	39.63	Soil	11,640	0.09
08/25/2021	13:05:27	78765.73	394746.19	39.60	Soil	11,640	0.09
08/25/2021	13:05:28	78765.85	394746.37	39.58	Soil	10,380	-0.79
08/25/2021	13:05:29	78765.92	394746.59	39.57	Soil	12,120	0.43
08/25/2021	13:05:30	78765.94	394746.77	39.57	Soil	10,440	-0.75
08/25/2021	13:05:31	78765.98	394746.91	39.56	Soil	12,360	0.60
08/25/2021	13:05:32	78766.11	394746.84	39.55	Soil	10,620	-0.62
08/25/2021	13:05:33	78766.24	394746.67	39.54	Soil	11,760	0.18
08/25/2021	13:05:34	78766.22	394746.53	39.54	Soil	12,120	0.43
08/25/2021	13:05:35	78766.13	394746.37	39.55	Soil	11,400	-0.08
08/25/2021	13:05:36	78766.08	394746.23	39.60	Soil	13,140	1.14
08/25/2021	13:05:37	78766.09	394746.20	39.59	Soil	10,140	-0.96
08/25/2021	13:05:38	78766.21	394746.35	39.58	Soil	11,400	-0.08
08/25/2021	13:05:39	78766.36	394746.62	39.56	Soil	11,160	-0.25
08/25/2021	13:05:40	78766.43	394746.82	39.58	Soil	12,180	0.47
08/25/2021	13:05:41	78766.47	394746.79	39.59	Soil	9,780	-1.21
08/25/2021	13:05:42	78766.54	394746.55	39.58	Soil	10,440	-0.75
08/25/2021	13:05:43	78766.53	394746.33	39.59	Soil	11,340	-0.12

SU 7D GWS RESULTS
(SOIL)

08/25/2021	13:05:44	78766.49	394746.23	39.59	Soil	11,460	-0.04
08/25/2021	13:05:45	78766.59	394746.26	39.56	Soil	11,820	0.22
08/25/2021	13:05:46	78766.80	394746.44	39.54	Soil	11,040	-0.33
08/25/2021	13:05:47	78766.93	394746.67	39.53	Soil	11,580	0.05
08/25/2021	13:05:48	78767.03	394746.82	39.51	Soil	10,920	-0.41
08/25/2021	13:05:49	78767.13	394746.68	39.50	Soil	11,640	0.09
08/25/2021	13:05:50	78767.14	394746.50	39.49	Soil	11,820	0.22
08/25/2021	13:05:51	78767.13	394746.40	39.51	Soil	10,260	-0.88
08/25/2021	13:05:52	78767.21	394746.26	39.52	Soil	11,700	0.13
08/25/2021	13:05:53	78767.38	394746.42	39.54	Soil	14,820	2.32
08/25/2021	13:05:54	78767.51	394746.80	39.54	Soil	11,400	-0.08
08/25/2021	13:05:55	78767.61	394746.87	39.53	Soil	11,580	0.05
08/25/2021	13:05:56	78767.72	394746.59	39.55	Soil	10,920	-0.41
08/25/2021	13:05:57	78767.71	394746.34	39.53	Soil	12,000	0.34
08/25/2021	13:05:58	78767.62	394746.15	39.52	Soil	10,260	-0.88
08/25/2021	13:05:59	78767.65	394746.09	39.49	Soil	12,900	0.98
08/25/2021	13:06:00	78767.80	394746.19	39.47	Soil	11,340	-0.12
08/25/2021	13:06:01	78767.94	394746.24	39.44	Soil	12,000	0.34
08/25/2021	13:06:02	78768.05	394746.17	39.44	Soil	11,520	0.01
08/25/2021	13:06:03	78768.08	394746.12	39.43	Soil	12,780	0.89
08/25/2021	13:06:04	78768.00	394746.01	39.42	Soil	11,280	-0.16
08/25/2021	13:06:05	78768.08	394745.93	39.42	Soil	13,020	1.06
08/25/2021	13:06:06	78768.23	394745.91	39.44	Soil	12,780	0.89
08/25/2021	13:06:07	78768.35	394745.88	39.43	Soil	14,040	1.78
08/25/2021	13:06:08	78768.59	394745.95	39.38	Soil	11,940	0.30
08/25/2021	13:06:09	78768.78	394746.02	39.36	Soil	13,380	1.31
08/25/2021	13:06:10	78768.86	394746.16	39.36	Soil	13,440	1.35
08/25/2021	13:06:11	78768.90	394746.21	39.38	Soil	13,920	1.69
08/25/2021	13:06:12	78768.76	394746.09	39.40	Soil	11,640	0.09
08/25/2021	13:06:13	78768.54	394746.01	39.41	Soil	13,200	1.19
08/25/2021	13:06:14	78768.46	394746.01	39.40	Soil	13,380	1.31
08/25/2021	13:06:15	78768.56	394746.06	39.42	Soil	13,200	1.19
08/25/2021	13:06:16	78768.79	394746.10	39.39	Soil	11,580	0.05
08/25/2021	13:06:17	78769.02	394746.05	39.42	Soil	13,380	1.31
08/25/2021	13:06:18	78769.18	394746.06	39.41	Soil	14,820	2.32
08/25/2021	13:06:19	78769.28	394746.03	39.40	Soil	13,500	1.40
08/25/2021	13:06:20	78769.35	394745.90	39.40	Soil	14,760	2.28
08/25/2021	13:06:21	78769.36	394745.83	39.37	Soil	12,240	0.51
08/25/2021	13:06:22	78769.43	394745.77	39.33	Soil	12,600	0.76
08/25/2021	13:06:23	78769.60	394745.71	39.30	Soil	12,180	0.47
08/25/2021	13:06:24	78769.72	394745.74	39.31	Soil	12,060	0.39
08/25/2021	13:06:25	78769.79	394745.80	39.29	Soil	12,900	0.98
08/25/2021	13:06:26	78769.77	394745.76	39.32	Soil	11,820	0.22
08/25/2021	13:06:27	78769.78	394745.60	39.31	Soil	12,240	0.51
08/25/2021	13:06:28	78769.94	394745.54	39.40	Soil	12,060	0.39
08/25/2021	13:06:29	78770.05	394745.61	39.40	Soil	12,420	0.64
08/25/2021	13:06:30	78770.24	394745.62	39.40	Soil	11,160	-0.25
08/25/2021	13:06:31	78770.42	394745.58	39.31	Soil	14,040	1.78
08/25/2021	13:06:32	78770.45	394745.56	39.20	Soil	13,020	1.06
08/25/2021	13:06:33	78770.56	394745.41	39.16	Soil	13,020	1.06
08/25/2021	13:06:34	78770.73	394745.24	39.08	Soil	12,540	0.72

SU 7D GWS RESULTS
(SOIL)

08/25/2021	13:06:35	78771.03	394745.19	39.05	Soil	12,720	0.85
08/25/2021	13:06:36	78771.22	394745.19	39.02	Soil	9,720	-1.26
08/25/2021	13:06:37	78771.24	394745.20	39.04	Soil	11,460	-0.04
08/25/2021	13:06:38	78771.24	394745.18	39.04	Soil	11,580	0.05
08/25/2021	13:06:39	78771.23	394745.16	39.04	Soil	13,500	1.40
08/25/2021	13:06:40	78771.12	394745.10	39.06	Soil	11,160	-0.25
08/25/2021	13:06:41	78771.06	394745.06	39.00	Soil	11,580	0.05
08/25/2021	13:06:42	78771.24	394745.03	38.95	Soil	12,000	0.34
08/25/2021	13:06:43	78771.42	394745.00	38.89	Soil	12,840	0.93
08/25/2021	13:06:44	78771.60	394744.92	38.84	Soil	9,960	-1.09
08/25/2021	13:06:45	78771.76	394744.81	38.76	Soil	11,160	-0.25
08/25/2021	13:06:46	78771.89	394744.66	38.73	Soil	11,460	-0.04
08/25/2021	13:06:47	78771.99	394744.47	38.69	Soil	10,020	-1.05
08/25/2021	13:06:48	78772.02	394744.34	38.66	Soil	12,720	0.85
08/25/2021	13:06:49	78772.09	394744.16	38.62	Soil	10,740	-0.54
08/25/2021	13:06:50	78772.33	394744.06	38.63	Soil	12,300	0.55
08/25/2021	13:06:51	78772.51	394744.03	38.63	Soil	11,760	0.18
08/25/2021	13:06:52	78772.51	394744.19	38.64	Soil	11,340	-0.12
08/25/2021	13:06:53	78772.56	394744.37	38.67	Soil	9,300	-1.55
08/25/2021	13:06:54	78772.57	394744.31	38.68	Soil	11,820	0.22
08/25/2021	13:06:55	78772.61	394744.22	38.67	Soil	11,760	0.18
08/25/2021	13:06:56	78772.67	394744.30	38.69	Soil	10,800	-0.50
08/25/2021	13:06:57	78772.71	394744.39	38.63	Soil	12,060	0.39
08/25/2021	13:06:58	78772.63	394744.14	38.65	Soil	11,400	-0.08
08/25/2021	13:06:59	78772.58	394743.96	38.63	Soil	11,280	-0.16
08/25/2021	13:07:00	78772.78	394744.28	38.66	Soil	12,420	0.64
08/25/2021	13:07:01	78772.93	394744.54	38.65	Soil	11,040	-0.33
08/25/2021	13:07:02	78772.91	394744.48	38.62	Soil	11,040	-0.33
08/25/2021	13:07:03	78772.87	394744.45	38.61	Soil	13,680	1.52
08/25/2021	13:07:04	78772.75	394744.36	38.57	Soil	9,360	-1.51
08/25/2021	13:07:05	78772.74	394744.45	38.59	Soil	9,900	-1.13
08/25/2021	13:07:06	78772.71	394744.50	38.60	Soil	10,500	-0.71
08/25/2021	13:07:07	78772.60	394744.37	38.60	Soil	11,280	-0.16
08/25/2021	13:07:08	78772.70	394744.58	38.60	Soil	9,900	-1.13
08/25/2021	13:07:09	78772.88	394744.75	38.55	Soil	11,160	-0.25
08/25/2021	13:07:10	78772.78	394744.67	38.57	Soil	11,640	0.09
08/25/2021	13:07:11	78772.54	394744.77	38.58	Soil	10,980	-0.37
08/25/2021	13:07:12	78772.35	394744.90	38.69	Soil	13,260	1.23
08/25/2021	13:07:13	78772.35	394744.95	38.62	Soil	10,200	-0.92
08/25/2021	13:07:14	78772.55	394744.85	38.58	Soil	11,100	-0.29
08/25/2021	13:07:15	78772.71	394744.66	38.55	Soil	10,380	-0.79
08/25/2021	13:07:16	78772.81	394744.58	38.51	Soil	10,200	-0.92
08/25/2021	13:07:17	78772.80	394744.46	38.54	Soil	11,040	-0.33
08/25/2021	13:07:18	78772.65	394744.34	38.57	Soil	11,580	0.05
08/25/2021	13:07:19	78772.51	394744.27	38.57	Soil	11,940	0.30
08/25/2021	13:07:20	78772.46	394744.13	38.55	Soil	9,720	-1.26
08/25/2021	13:07:21	78772.58	394744.09	38.49	Soil	12,780	0.89
08/25/2021	13:07:22	78772.80	394744.19	38.44	Soil	12,900	0.98
08/25/2021	13:07:23	78773.01	394744.24	38.48	Soil	10,740	-0.54
08/25/2021	13:07:24	78773.26	394744.28	38.45	Soil	13,560	1.44
08/25/2021	13:07:25	78773.29	394744.16	38.49	Soil	12,300	0.55

SU 7D GWS RESULTS
(SOIL)

08/25/2021	13:07:26	78773.09	394743.89	38.49	Soil	13,140	1.14
08/25/2021	13:07:27	78772.89	394743.78	38.50	Soil	11,820	0.22
08/25/2021	13:07:28	78773.02	394743.88	38.43	Soil	11,460	-0.04
08/25/2021	13:07:29	78773.38	394744.04	38.41	Soil	9,780	-1.21
08/25/2021	13:07:30	78773.57	394744.14	38.40	Soil	12,180	0.47
08/25/2021	13:07:31	78773.61	394744.08	38.37	Soil	12,060	0.39
08/25/2021	13:07:32	78773.63	394743.90	38.40	Soil	13,620	1.48
08/25/2021	13:07:33	78773.69	394743.92	38.33	Soil	13,260	1.23
08/25/2021	13:07:37	78773.65	394743.93	38.37	Soil	12,600	0.76
08/25/2021	13:07:38	78773.58	394743.90	38.35	Soil	12,000	0.34
08/25/2021	13:07:39	78773.62	394743.95	38.33	Soil	11,820	0.22
08/25/2021	13:07:40	78773.70	394744.02	38.32	Soil	13,140	1.14
08/25/2021	13:07:41	78773.72	394744.04	38.31	Soil	13,920	1.69
08/25/2021	13:07:42	78773.72	394744.05	38.30	Soil	13,800	1.61
08/25/2021	13:07:43	78773.72	394744.07	38.30	Soil	12,420	0.64
08/25/2021	13:07:44	78773.71	394744.08	38.29	Soil	11,700	0.13
08/25/2021	13:07:45	78773.71	394744.08	38.29	Soil	11,940	0.30
08/25/2021	13:07:46	78773.70	394744.10	38.29	Soil	11,100	-0.29
08/25/2021	13:07:47	78773.65	394744.13	38.33	Soil	11,220	-0.20
08/25/2021	13:07:48	78773.57	394744.14	38.31	Soil	12,840	0.93
08/25/2021	13:07:49	78773.55	394744.16	38.30	Soil	11,040	-0.33
08/25/2021	13:07:50	78773.57	394744.19	38.30	Soil	12,180	0.47
08/25/2021	13:07:51	78773.55	394744.15	38.32	Soil	14,040	1.78
08/25/2021	13:07:52	78773.61	394744.05	38.34	Soil	12,120	0.43
08/25/2021	13:07:59	78773.86	394744.58	38.46	Soil	11,160	-0.25
08/25/2021	13:08:00	78773.75	394744.44	38.45	Soil	12,600	0.76
08/25/2021	13:08:01	78773.64	394744.27	38.44	Soil	11,520	0.01
08/25/2021	13:08:02	78773.56	394744.16	38.46	Soil	11,220	-0.20
08/25/2021	13:08:03	78773.57	394744.26	38.49	Soil	11,820	0.22
08/25/2021	13:08:04	78773.64	394744.48	38.50	Soil	10,860	-0.46
08/25/2021	13:08:05	78773.76	394744.66	38.50	Soil	10,740	-0.54
08/25/2021	13:08:06	78773.93	394744.82	38.45	Soil	11,460	-0.04
08/25/2021	13:08:07	78774.08	394744.88	38.43	Soil	15,300	2.66
08/25/2021	13:08:15	78773.86	394744.38	38.39	Soil	12,120	0.43
08/25/2021	13:08:16	78773.61	394744.24	38.38	Soil	12,180	0.47
08/25/2021	13:08:17	78773.61	394744.38	38.40	Soil	11,580	0.05
08/25/2021	13:08:18	78773.76	394744.73	38.39	Soil	13,200	1.19
08/25/2021	13:08:19	78773.89	394744.89	38.37	Soil	9,900	-1.13
08/25/2021	13:08:20	78773.76	394744.77	38.40	Soil	12,360	0.60
08/25/2021	13:08:21	78773.50	394744.52	38.36	Soil	12,600	0.76
08/25/2021	13:08:22	78773.35	394744.36	38.35	Soil	11,880	0.26
08/25/2021	13:08:23	78773.43	394744.52	38.34	Soil	12,720	0.85
08/25/2021	13:08:24	78773.61	394744.89	38.31	Soil	10,980	-0.37
08/25/2021	13:08:25	78773.73	394745.10	38.31	Soil	11,160	-0.25
08/25/2021	13:08:26	78773.60	394745.06	38.39	Soil	10,320	-0.84
08/25/2021	13:08:27	78773.29	394744.92	38.40	Soil	11,340	-0.12
08/25/2021	13:08:28	78773.13	394744.76	38.37	Soil	11,820	0.22
08/25/2021	13:08:29	78773.09	394744.70	38.36	Soil	11,340	-0.12
08/25/2021	13:08:30	78773.18	394744.86	38.38	Soil	10,920	-0.41
08/25/2021	13:08:31	78773.45	394745.13	38.26	Soil	10,380	-0.79
08/25/2021	13:08:32	78773.73	394745.25	38.23	Soil	11,880	0.26

SU 7D GWS RESULTS
(SOIL)

08/25/2021	13:08:33	78773.67	394745.24	38.29	Soil	11,340	-0.12
08/25/2021	13:08:34	78773.31	394745.07	38.32	Soil	9,240	-1.59
08/25/2021	13:08:35	78773.08	394744.82	38.33	Soil	11,460	-0.04
08/25/2021	13:08:36	78773.09	394744.79	38.30	Soil	10,920	-0.41
08/25/2021	13:08:37	78773.25	394745.03	38.28	Soil	11,880	0.26
08/25/2021	13:08:38	78773.43	394745.33	38.22	Soil	11,340	-0.12
08/25/2021	13:08:39	78773.46	394745.41	38.25	Soil	11,160	-0.25
08/25/2021	13:08:40	78773.20	394745.28	38.31	Soil	11,340	-0.12
08/25/2021	13:08:41	78772.92	394745.07	38.30	Soil	11,160	-0.25
08/25/2021	13:08:42	78772.75	394744.91	38.29	Soil	11,760	0.18
08/25/2021	13:08:43	78772.71	394744.97	38.31	Soil	9,660	-1.30
08/25/2021	13:08:44	78772.78	394745.25	38.32	Soil	10,020	-1.05
08/25/2021	13:08:45	78773.04	394745.49	38.28	Soil	11,340	-0.12
08/25/2021	13:08:46	78773.30	394745.59	38.27	Soil	10,740	-0.54
08/25/2021	13:08:47	78773.21	394745.58	38.29	Soil	11,460	-0.04
08/25/2021	13:08:48	78772.95	394745.51	38.34	Soil	9,840	-1.17
08/25/2021	13:08:49	78772.76	394745.38	38.37	Soil	11,640	0.09
08/25/2021	13:08:50	78772.55	394745.21	38.36	Soil	11,760	0.18
08/25/2021	13:08:51	78772.39	394745.02	38.34	Soil	10,440	-0.75
08/25/2021	13:08:52	78772.36	394744.99	38.32	Soil	12,540	0.72
08/25/2021	13:08:53	78772.43	394745.20	38.31	Soil	13,440	1.35
08/25/2021	13:08:54	78772.56	394745.46	38.27	Soil	10,260	-0.88
08/25/2021	13:08:55	78772.73	394745.66	38.20	Soil	13,680	1.52
08/25/2021	13:08:56	78772.79	394745.75	38.19	Soil	11,220	-0.20
08/25/2021	13:08:57	78772.64	394745.70	38.27	Soil	12,540	0.72
08/25/2021	13:08:58	78772.41	394745.58	38.29	Soil	10,320	-0.84
08/25/2021	13:08:59	78772.27	394745.49	38.28	Soil	11,280	-0.16
08/25/2021	13:09:00	78772.21	394745.41	38.27	Soil	9,780	-1.21
08/25/2021	13:09:01	78772.15	394745.28	38.26	Soil	10,020	-1.05
08/25/2021	13:09:02	78772.09	394745.18	38.27	Soil	12,960	1.02
08/25/2021	13:09:03	78772.11	394745.26	38.21	Soil	11,160	-0.25
08/25/2021	13:09:04	78772.21	394745.47	38.19	Soil	12,060	0.39
08/25/2021	13:09:05	78772.39	394745.69	38.17	Soil	10,620	-0.62
08/25/2021	13:09:06	78772.65	394745.86	38.22	Soil	12,600	0.76
08/25/2021	13:09:07	78772.63	394745.86	38.24	Soil	9,840	-1.17
08/25/2021	13:09:08	78772.34	394745.78	38.26	Soil	10,500	-0.71
08/25/2021	13:09:09	78772.13	394745.65	38.22	Soil	11,340	-0.12
08/25/2021	13:09:10	78771.96	394745.49	38.22	Soil	12,300	0.55
08/25/2021	13:09:11	78771.83	394745.38	38.23	Soil	12,480	0.68
08/25/2021	13:09:12	78771.83	394745.44	38.23	Soil	11,700	0.13
08/25/2021	13:09:13	78772.00	394745.70	38.26	Soil	11,640	0.09
08/25/2021	13:09:14	78772.19	394745.89	38.21	Soil	10,980	-0.37
08/25/2021	13:09:15	78772.41	394745.97	38.23	Soil	11,340	-0.12
08/25/2021	13:09:16	78772.42	394745.96	38.19	Soil	11,940	0.30
08/25/2021	13:09:17	78772.33	394746.04	38.17	Soil	11,820	0.22
08/25/2021	13:09:18	78772.25	394746.00	38.21	Soil	10,800	-0.50
08/25/2021	13:09:19	78772.00	394745.80	38.23	Soil	11,100	-0.29
08/25/2021	13:09:20	78771.72	394745.58	38.25	Soil	10,920	-0.41
08/25/2021	13:09:21	78771.62	394745.46	38.25	Soil	12,360	0.60
08/25/2021	13:09:22	78771.71	394745.65	38.31	Soil	11,340	-0.12
08/25/2021	13:09:23	78771.97	394745.93	38.32	Soil	11,580	0.05

SU 7D GWS RESULTS
(SOIL)

08/25/2021	13:09:24	78772.17	394746.10	38.31	Soil	12,000	0.34
08/25/2021	13:09:25	78771.98	394746.09	38.37	Soil	11,400	-0.08
08/25/2021	13:09:26	78771.65	394745.93	38.36	Soil	11,040	-0.33
08/25/2021	13:09:27	78771.43	394745.74	38.34	Soil	12,120	0.43
08/25/2021	13:09:28	78771.31	394745.57	38.38	Soil	10,200	-0.92
08/25/2021	13:09:29	78771.33	394745.63	38.38	Soil	11,460	-0.04
08/25/2021	13:09:30	78771.46	394745.94	38.44	Soil	11,700	0.13
08/25/2021	13:09:31	78771.65	394746.24	38.41	Soil	9,960	-1.09
08/25/2021	13:09:32	78771.83	394746.39	38.41	Soil	13,020	1.06
08/25/2021	13:09:33	78771.77	394746.35	38.45	Soil	12,960	1.02
08/25/2021	13:09:34	78771.42	394746.15	38.45	Soil	12,900	0.98
08/25/2021	13:09:35	78771.14	394745.88	38.46	Soil	12,900	0.98
08/25/2021	13:09:36	78771.06	394745.75	38.45	Soil	13,500	1.40
08/25/2021	13:09:37	78771.10	394745.94	38.49	Soil	11,520	0.01
08/25/2021	13:09:38	78771.23	394746.30	38.56	Soil	12,060	0.39
08/25/2021	13:09:39	78771.21	394746.52	38.67	Soil	13,260	1.23
08/25/2021	13:09:40	78770.90	394746.45	38.62	Soil	11,040	-0.33
08/25/2021	13:09:41	78770.76	394746.37	38.64	Soil	13,260	1.23
08/25/2021	13:09:42	78770.86	394746.53	38.65	Soil	12,060	0.39
08/25/2021	13:09:43	78770.92	394746.58	38.64	Soil	14,460	2.07
08/25/2021	13:09:44	78770.75	394746.36	38.64	Soil	13,440	1.35
08/25/2021	13:09:45	78770.58	394746.09	38.67	Soil	12,360	0.60
08/25/2021	13:09:46	78770.57	394746.06	38.64	Soil	12,540	0.72
08/25/2021	13:09:47	78770.70	394746.33	38.67	Soil	11,940	0.30
08/25/2021	13:09:48	78770.88	394746.47	38.68	Soil	12,240	0.51
08/25/2021	13:09:49	78770.91	394746.31	38.64	Soil	13,740	1.56
08/25/2021	13:09:50	78770.76	394746.07	38.67	Soil	13,860	1.65
08/25/2021	13:09:51	78770.69	394745.90	38.64	Soil	13,260	1.23
08/25/2021	13:09:52	78770.81	394745.97	38.59	Soil	13,260	1.23
08/25/2021	13:09:53	78771.13	394746.24	38.48	Soil	14,400	2.03
08/25/2021	13:09:54	78771.41	394746.42	38.41	Soil	12,000	0.34
08/25/2021	13:09:55	78771.47	394746.40	38.40	Soil	10,320	-0.84
08/25/2021	13:09:56	78771.27	394746.16	38.43	Soil	12,240	0.51
08/25/2021	13:09:57	78771.07	394745.88	38.35	Soil	12,840	0.93
08/25/2021	13:09:58	78771.14	394745.87	38.34	Soil	14,880	2.36
08/25/2021	13:09:59	78771.50	394746.14	38.26	Soil	10,200	-0.92
08/25/2021	13:10:00	78771.55	394746.08	38.29	Soil	11,820	0.22
08/25/2021	13:10:01	78771.28	394745.78	38.29	Soil	11,220	-0.20
08/25/2021	13:10:02	78771.26	394745.77	38.29	Soil	12,900	0.98
08/25/2021	13:10:03	78771.57	394746.06	38.27	Soil	10,620	-0.62
08/25/2021	13:10:04	78771.61	394746.10	38.29	Soil	11,340	-0.12
08/25/2021	13:10:05	78771.29	394745.98	38.34	Soil	12,240	0.51
08/25/2021	13:10:06	78771.21	394746.00	38.35	Soil	11,700	0.13
08/25/2021	13:10:07	78771.31	394746.25	38.34	Soil	12,660	0.81
08/25/2021	13:10:08	78771.29	394746.29	38.29	Soil	14,760	2.28
08/25/2021	13:10:09	78771.28	394746.28	38.27	Soil	13,440	1.35
08/25/2021	13:10:10	78771.32	394746.29	38.26	Soil	13,200	1.19
08/25/2021	13:10:11	78771.34	394746.28	38.25	Soil	10,740	-0.54
08/25/2021	13:10:12	78771.33	394746.27	38.24	Soil	12,480	0.68
08/25/2021	13:10:13	78771.35	394746.27	38.23	Soil	11,820	0.22
08/25/2021	13:10:14	78771.32	394746.25	38.26	Soil	13,140	1.14

SU 7D GWS RESULTS
(SOIL)

08/25/2021	13:10:15	78771.33	394746.26	38.28	Soil	12,060	0.39
08/25/2021	13:10:16	78771.21	394746.24	38.39	Soil	12,900	0.98
08/25/2021	13:10:17	78771.00	394746.21	38.40	Soil	13,020	1.06
08/25/2021	13:10:18	78770.94	394746.17	38.36	Soil	12,720	0.85
08/25/2021	13:10:19	78770.94	394746.15	38.35	Soil	13,440	1.35
08/25/2021	13:10:20	78770.98	394746.17	38.33	Soil	13,200	1.19
08/25/2021	13:10:21	78770.99	394746.24	38.28	Soil	12,420	0.64
08/25/2021	13:10:22	78771.02	394746.46	38.31	Soil	14,220	1.90
08/25/2021	13:10:23	78771.10	394746.70	38.31	Soil	12,000	0.34
08/25/2021	13:10:24	78771.11	394746.78	38.29	Soil	13,620	1.48
08/25/2021	13:10:25	78770.90	394746.71	38.32	Soil	15,000	2.45
08/25/2021	13:10:26	78770.66	394746.54	38.34	Soil	12,900	0.98
08/25/2021	13:10:27	78770.52	394746.40	38.38	Soil	12,300	0.55
08/25/2021	13:10:28	78770.31	394746.27	38.44	Soil	12,000	0.34
08/25/2021	13:10:29	78770.24	394746.26	38.49	Soil	12,360	0.60
08/25/2021	13:10:30	78770.21	394746.31	38.52	Soil	12,000	0.34
08/25/2021	13:10:31	78770.23	394746.47	38.56	Soil	12,000	0.34
08/25/2021	13:10:32	78770.32	394746.78	38.58	Soil	10,980	-0.37
08/25/2021	13:10:33	78770.49	394747.00	38.59	Soil	10,740	-0.54
08/25/2021	13:10:34	78770.64	394747.10	38.60	Soil	12,120	0.43
08/25/2021	13:10:35	78770.61	394747.06	38.62	Soil	13,260	1.23
08/25/2021	13:10:36	78770.42	394746.91	38.66	Soil	13,020	1.06
08/25/2021	13:10:37	78770.19	394746.65	38.65	Soil	12,540	0.72
08/25/2021	13:10:38	78770.29	394746.64	38.62	Soil	11,940	0.30
08/25/2021	13:10:39	78770.60	394746.81	38.61	Soil	13,800	1.61
08/25/2021	13:10:40	78770.50	394746.71	38.63	Soil	11,400	-0.08
08/25/2021	13:10:41	78770.21	394746.36	38.62	Soil	12,600	0.76
08/25/2021	13:10:42	78770.14	394746.27	38.61	Soil	13,860	1.65
08/25/2021	13:10:43	78770.40	394746.51	38.57	Soil	12,960	1.02
08/25/2021	13:10:44	78770.65	394746.67	38.55	Soil	13,380	1.31
08/25/2021	13:10:45	78770.53	394746.50	38.56	Soil	13,800	1.61
08/25/2021	13:10:46	78770.25	394746.28	38.56	Soil	13,800	1.61
08/25/2021	13:10:47	78770.37	394746.48	38.58	Soil	11,340	-0.12
08/25/2021	13:10:48	78770.48	394746.70	38.63	Soil	11,880	0.26
08/25/2021	13:10:49	78770.11	394746.50	38.61	Soil	13,680	1.52
08/25/2021	13:10:50	78769.90	394746.44	38.65	Soil	13,020	1.06
08/25/2021	13:10:51	78770.03	394746.84	38.68	Soil	12,000	0.34
08/25/2021	13:10:52	78769.98	394746.88	38.66	Soil	12,720	0.85
08/25/2021	13:10:53	78769.70	394746.65	38.66	Soil	12,060	0.39
08/25/2021	13:10:54	78769.50	394746.49	38.67	Soil	12,600	0.76
08/25/2021	13:10:55	78769.56	394746.65	38.70	Soil	12,060	0.39
08/25/2021	13:10:56	78769.82	394747.05	38.69	Soil	11,400	-0.08
08/25/2021	13:10:57	78769.97	394747.14	38.73	Soil	12,840	0.93
08/25/2021	13:10:58	78769.93	394747.10	38.73	Soil	12,180	0.47
08/25/2021	13:10:59	78769.90	394747.14	38.69	Soil	10,680	-0.58
08/25/2021	13:11:00	78769.65	394746.97	38.65	Soil	11,040	-0.33
08/25/2021	13:11:01	78769.29	394746.69	38.63	Soil	12,120	0.43
08/25/2021	13:11:02	78769.27	394746.79	38.68	Soil	13,860	1.65
08/25/2021	13:11:03	78769.42	394747.08	38.67	Soil	12,480	0.68
08/25/2021	13:11:04	78769.60	394747.21	38.68	Soil	13,020	1.06
08/25/2021	13:11:05	78769.53	394747.13	38.68	Soil	10,680	-0.58

SU 7D GWS RESULTS
(SOIL)

08/25/2021	13:11:06	78769.24	394746.97	38.69	Soil	10,320	-0.84
08/25/2021	13:11:07	78768.91	394746.82	38.70	Soil	12,720	0.85
08/25/2021	13:11:08	78768.87	394747.04	38.72	Soil	11,640	0.09
08/25/2021	13:11:09	78769.00	394747.32	38.71	Soil	14,640	2.20
08/25/2021	13:11:10	78768.92	394747.19	38.77	Soil	11,640	0.09
08/25/2021	13:11:11	78768.62	394746.95	38.77	Soil	10,920	-0.41
08/25/2021	13:11:12	78768.64	394747.08	38.76	Soil	13,500	1.40
08/25/2021	13:11:13	78768.82	394747.47	38.76	Soil	11,880	0.26
08/25/2021	13:11:14	78768.73	394747.48	38.79	Soil	11,760	0.18
08/25/2021	13:11:15	78768.45	394747.25	38.80	Soil	12,000	0.34
08/25/2021	13:11:16	78768.39	394747.34	38.83	Soil	12,120	0.43
08/25/2021	13:11:17	78768.53	394747.65	38.80	Soil	12,420	0.64
08/25/2021	13:11:18	78768.42	394747.48	38.82	Soil	10,020	-1.05
08/25/2021	13:11:19	78768.14	394747.31	38.82	Soil	12,780	0.89
08/25/2021	13:11:20	78768.22	394747.63	38.80	Soil	11,340	-0.12
08/25/2021	13:11:21	78768.24	394747.81	38.81	Soil	13,140	1.14
08/25/2021	13:11:22	78767.92	394747.56	38.80	Soil	11,160	-0.25
08/25/2021	13:11:23	78767.74	394747.64	38.79	Soil	11,640	0.09
08/25/2021	13:11:24	78767.75	394747.90	38.78	Soil	11,040	-0.33
08/25/2021	13:11:25	78767.60	394747.62	38.79	Soil	9,240	-1.59
08/25/2021	13:11:26	78767.35	394747.47	38.76	Soil	11,280	-0.16
08/25/2021	13:11:27	78767.41	394747.87	38.79	Soil	10,380	-0.79
08/25/2021	13:11:28	78767.56	394748.06	38.78	Soil	12,000	0.34
08/25/2021	13:11:29	78767.34	394747.82	38.85	Soil	11,460	-0.04
08/25/2021	13:11:30	78767.03	394747.71	38.87	Soil	12,600	0.76
08/25/2021	13:11:31	78767.05	394747.97	38.88	Soil	12,180	0.47
08/25/2021	13:11:32	78767.07	394748.21	38.90	Soil	11,280	-0.16
08/25/2021	13:11:33	78766.89	394748.16	39.00	Soil	12,540	0.72
08/25/2021	13:11:34	78766.91	394748.14	38.95	Soil	9,600	-1.34
08/25/2021	13:11:35	78766.86	394748.05	38.91	Soil	12,060	0.39
08/25/2021	13:11:36	78766.70	394747.88	38.88	Soil	12,540	0.72
08/25/2021	13:11:37	78766.75	394747.88	38.89	Soil	12,660	0.81
08/25/2021	13:11:38	78766.76	394748.15	38.88	Soil	11,220	-0.20
08/25/2021	13:11:39	78766.59	394748.08	38.83	Soil	12,060	0.39
08/25/2021	13:11:40	78766.51	394748.10	38.86	Soil	12,600	0.76
08/25/2021	13:11:41	78766.48	394748.39	38.85	Soil	10,920	-0.41
08/25/2021	13:11:42	78766.30	394748.27	38.81	Soil	11,160	-0.25
08/25/2021	13:11:43	78766.33	394748.36	38.89	Soil	12,060	0.39
08/25/2021	13:11:44	78766.22	394748.60	38.83	Soil	10,560	-0.67
08/25/2021	13:11:45	78765.96	394748.51	38.79	Soil	13,320	1.27
08/25/2021	13:11:46	78766.01	394748.75	38.91	Soil	11,880	0.26
08/25/2021	13:11:47	78765.84	394748.95	38.80	Soil	10,560	-0.67
08/25/2021	13:11:48	78765.66	394748.91	38.87	Soil	11,280	-0.16
08/25/2021	13:11:49	78765.66	394749.11	38.81	Soil	11,220	-0.20
08/25/2021	13:11:50	78765.41	394749.08	38.74	Soil	11,820	0.22
08/25/2021	13:11:51	78765.33	394749.17	38.79	Soil	11,760	0.18
08/25/2021	13:11:52	78765.20	394749.34	38.69	Soil	10,740	-0.54
08/25/2021	13:11:53	78764.84	394749.31	38.77	Soil	10,860	-0.46
08/25/2021	13:11:54	78764.57	394749.48	38.83	Soil	10,200	-0.92
08/25/2021	13:11:55	78764.50	394749.33	38.89	Soil	12,000	0.34
08/25/2021	13:11:56	78764.77	394749.34	38.91	Soil	10,980	-0.37

SU 7D GWS RESULTS
(SOIL)

08/25/2021	13:11:57	78764.87	394749.28	38.96	Soil	10,800	-0.50
08/25/2021	13:11:58	78764.93	394749.21	38.99	Soil	10,740	-0.54
08/25/2021	13:11:59	78764.88	394749.14	39.01	Soil	10,860	-0.46
08/25/2021	13:12:00	78764.80	394748.98	39.09	Soil	11,280	-0.16
08/25/2021	13:12:01	78764.95	394748.97	39.11	Soil	10,200	-0.92
08/25/2021	13:12:02	78765.13	394749.02	39.16	Soil	10,260	-0.88
08/25/2021	13:12:03	78765.14	394748.75	39.13	Soil	12,120	0.43
08/25/2021	13:12:04	78765.37	394748.85	39.16	Soil	11,400	-0.08
08/25/2021	13:12:05	78765.47	394748.71	39.18	Soil	12,060	0.39
08/25/2021	13:12:06	78765.51	394748.57	39.16	Soil	11,820	0.22
08/25/2021	13:12:07	78765.71	394748.71	39.14	Soil	12,060	0.39
08/25/2021	13:12:08	78765.71	394748.44	39.19	Soil	9,960	-1.09
08/25/2021	13:12:09	78765.88	394748.41	39.17	Soil	12,660	0.81
08/25/2021	13:12:10	78766.09	394748.46	39.21	Soil	10,920	-0.41
08/25/2021	13:12:11	78766.12	394748.21	39.19	Soil	11,880	0.26
08/25/2021	13:12:12	78766.40	394748.36	39.21	Soil	11,700	0.13
08/25/2021	13:12:13	78766.50	394748.17	39.31	Soil	10,980	-0.37
08/25/2021	13:12:14	78766.62	394747.92	39.29	Soil	10,860	-0.46
08/25/2021	13:12:15	78766.85	394747.97	39.27	Soil	13,680	1.52
08/25/2021	13:12:16	78766.84	394747.71	39.26	Soil	11,520	0.01
08/25/2021	13:12:17	78767.04	394747.71	39.23	Soil	11,760	0.18
08/25/2021	13:12:18	78767.26	394747.69	39.23	Soil	11,160	-0.25
08/25/2021	13:12:19	78767.26	394747.44	39.17	Soil	11,400	-0.08
08/25/2021	13:12:20	78767.50	394747.62	39.16	Soil	10,680	-0.58
08/25/2021	13:12:21	78767.58	394747.47	39.23	Soil	13,200	1.19
08/25/2021	13:12:22	78767.71	394747.36	39.23	Soil	11,880	0.26
08/25/2021	13:12:23	78767.97	394747.49	39.19	Soil	12,240	0.51
08/25/2021	13:12:24	78768.06	394747.17	39.19	Soil	12,660	0.81
08/25/2021	13:12:25	78768.21	394747.16	39.16	Soil	12,600	0.76
08/25/2021	13:12:26	78768.28	394747.03	39.20	Soil	12,600	0.76
08/25/2021	13:12:27	78768.46	394746.87	39.11	Soil	12,720	0.85
08/25/2021	13:12:28	78768.63	394746.90	39.12	Soil	12,360	0.60
08/25/2021	13:12:29	78768.72	394746.61	39.05	Soil	14,160	1.86
08/25/2021	13:12:30	78768.89	394746.77	39.02	Soil	13,500	1.40
08/25/2021	13:12:31	78768.88	394746.62	39.03	Soil	12,540	0.72
08/25/2021	13:12:32	78768.98	394746.42	38.99	Soil	15,180	2.58
08/25/2021	13:12:33	78769.02	394746.46	39.02	Soil	13,140	1.14
08/25/2021	13:12:34	78768.66	394746.14	39.12	Soil	12,180	0.47
08/25/2021	13:12:35	78768.30	394745.96	39.10	Soil	12,480	0.68
08/25/2021	13:12:36	78768.18	394746.17	39.16	Soil	12,960	1.02
08/25/2021	13:12:37	78768.08	394746.42	39.12	Soil	12,300	0.55
08/25/2021	13:12:38	78767.94	394746.19	39.19	Soil	12,720	0.85
08/25/2021	13:12:39	78767.79	394746.27	39.18	Soil	10,140	-0.96
08/25/2021	13:12:40	78767.68	394746.45	39.17	Soil	11,460	-0.04
08/25/2021	13:12:41	78767.49	394746.29	39.17	Soil	10,380	-0.79
08/25/2021	13:12:42	78767.30	394746.50	39.19	Soil	11,460	-0.04
08/25/2021	13:12:43	78767.19	394746.52	39.15	Soil	10,740	-0.54
08/25/2021	13:12:44	78767.04	394746.33	39.13	Soil	11,700	0.13
08/25/2021	13:12:45	78766.85	394746.59	39.14	Soil	10,800	-0.50
08/25/2021	13:12:46	78766.75	394746.46	39.10	Soil	10,680	-0.58
08/25/2021	13:12:47	78766.53	394746.56	39.23	Soil	11,400	-0.08

SU 7D GWS RESULTS
(SOIL)

08/25/2021	13:12:48	78766.29	394746.68	39.17	Soil	11,220	-0.20
08/25/2021	13:12:49	78766.15	394746.44	39.14	Soil	10,320	-0.84
08/25/2021	13:12:50	78766.06	394746.72	39.16	Soil	11,820	0.22
08/25/2021	13:12:51	78765.87	394746.71	39.12	Soil	10,740	-0.54
08/25/2021	13:12:52	78765.72	394746.66	39.18	Soil	11,400	-0.08
08/25/2021	13:12:53	78765.53	394746.80	39.16	Soil	11,760	0.18
08/25/2021	13:12:54	78765.28	394746.65	39.21	Soil	12,840	0.93
08/25/2021	13:12:55	78764.94	394746.83	39.19	Soil	12,660	0.81
08/25/2021	13:12:56	78764.70	394746.79	39.14	Soil	10,440	-0.75
08/25/2021	13:12:57	78764.69	394747.04	39.19	Soil	11,040	-0.33
08/25/2021	13:12:58	78764.74	394747.34	39.11	Soil	11,760	0.18
08/25/2021	13:12:59	78764.98	394747.15	39.13	Soil	12,780	0.89
08/25/2021	13:13:00	78765.13	394746.91	39.14	Soil	11,700	0.13
08/25/2021	13:13:01	78765.13	394747.18	39.09	Soil	10,500	-0.71
08/25/2021	13:13:02	78765.33	394747.35	39.19	Soil	12,000	0.34
08/25/2021	13:13:03	78765.56	394747.22	39.21	Soil	11,220	-0.20
08/25/2021	13:13:04	78765.60	394747.43	39.18	Soil	11,700	0.13
08/25/2021	13:13:05	78765.75	394747.25	39.20	Soil	12,240	0.51
08/25/2021	13:13:06	78765.93	394747.32	39.17	Soil	12,420	0.64
08/25/2021	13:13:07	78766.02	394747.38	39.23	Soil	10,920	-0.41
08/25/2021	13:13:08	78766.26	394747.17	39.19	Soil	9,960	-1.09
08/25/2021	13:13:09	78766.31	394747.37	39.17	Soil	12,300	0.55
08/25/2021	13:13:10	78766.49	394747.36	39.25	Soil	13,440	1.35
08/25/2021	13:13:11	78766.67	394747.29	39.18	Soil	12,840	0.93
08/25/2021	13:13:12	78766.70	394747.51	39.13	Soil	11,400	-0.08
08/25/2021	13:13:13	78766.92	394747.34	39.17	Soil	11,100	-0.29
08/25/2021	13:13:14	78767.06	394747.37	39.11	Soil	12,180	0.47
08/25/2021	13:13:15	78767.14	394747.54	39.12	Soil	10,920	-0.41
08/25/2021	13:13:16	78767.45	394747.39	39.13	Soil	11,700	0.13
08/25/2021	13:13:17	78767.41	394747.57	39.02	Soil	11,940	0.30
08/25/2021	13:13:18	78767.22	394747.59	39.00	Soil	9,960	-1.09
08/25/2021	13:13:19	78767.23	394747.56	39.02	Soil	11,700	0.13
08/25/2021	13:13:20	78767.29	394747.59	38.99	Soil	10,620	-0.62
08/25/2021	13:13:21	78767.30	394747.51	38.93	Soil	11,340	-0.12
08/25/2021	13:13:22	78767.22	394747.70	38.95	Soil	10,980	-0.37
08/25/2021	13:13:23	78767.05	394747.85	38.94	Soil	10,980	-0.37
08/25/2021	13:13:24	78766.88	394747.66	38.96	Soil	10,920	-0.41
08/25/2021	13:13:25	78766.75	394747.90	38.94	Soil	10,260	-0.88
08/25/2021	13:13:26	78766.50	394747.80	38.94	Soil	10,680	-0.58
08/25/2021	13:13:27	78766.30	394747.88	39.00	Soil	12,300	0.55
08/25/2021	13:13:28	78766.21	394747.89	38.90	Soil	12,540	0.72
08/25/2021	13:13:29	78766.12	394747.69	38.92	Soil	11,700	0.13
08/25/2021	13:13:30	78765.87	394747.88	38.91	Soil	12,420	0.64
08/25/2021	13:13:31	78765.85	394747.71	38.85	Soil	10,560	-0.67
08/25/2021	13:13:32	78765.79	394747.78	38.87	Soil	12,060	0.39
08/25/2021	13:13:33	78765.62	394747.81	38.86	Soil	10,920	-0.41
08/25/2021	13:13:34	78765.57	394747.64	38.87	Soil	10,560	-0.67
08/25/2021	13:13:35	78765.42	394747.88	38.82	Soil	9,420	-1.47
08/25/2021	13:13:36	78765.31	394747.72	38.77	Soil	11,100	-0.29
08/25/2021	13:13:37	78765.26	394747.83	38.79	Soil	11,100	-0.29
08/25/2021	13:13:38	78765.10	394747.91	38.75	Soil	11,640	0.09

SU 7D GWS RESULTS
(SOIL)

08/25/2021	13:13:39	78764.90	394747.76	38.80	Soil	11,760	0.18
08/25/2021	13:13:40	78764.68	394747.82	38.77	Soil	11,460	-0.04
08/25/2021	13:13:41	78764.57	394747.62	38.75	Soil	11,460	-0.04
08/25/2021	13:13:42	78764.34	394747.81	38.76	Soil	10,320	-0.84
08/25/2021	13:13:43	78764.23	394747.77	38.72	Soil	10,740	-0.54
08/25/2021	13:13:44	78764.28	394747.98	38.74	Soil	10,800	-0.50
08/25/2021	13:13:45	78764.20	394748.11	38.70	Soil	10,500	-0.71
08/25/2021	13:13:46	78764.27	394748.04	38.77	Soil	11,760	0.18
08/25/2021	13:13:47	78764.38	394747.95	38.81	Soil	11,460	-0.04
08/25/2021	13:13:48	78764.41	394747.91	38.86	Soil	12,840	0.93
08/25/2021	13:13:49	78764.46	394747.74	38.86	Soil	11,280	-0.16
08/25/2021	13:13:50	78764.55	394747.66	38.92	Soil	10,380	-0.79
08/25/2021	13:13:51	78764.60	394747.64	38.92	Soil	11,940	0.30
08/25/2021	13:13:52	78764.60	394747.69	38.92	Soil	11,940	0.30
08/25/2021	13:13:53	78764.65	394747.76	38.90	Soil	10,380	-0.79
08/25/2021	13:13:54	78764.81	394747.65	38.95	Soil	11,340	-0.12
08/25/2021	13:13:55	78764.93	394747.62	38.98	Soil	13,140	1.14
08/25/2021	13:13:56	78764.98	394747.62	38.98	Soil	11,520	0.01
08/25/2021	13:13:57	78765.07	394747.55	38.99	Soil	10,680	-0.58
08/25/2021	13:13:58	78765.03	394747.67	38.98	Soil	10,920	-0.41
08/25/2021	13:13:59	78765.06	394747.78	39.01	Soil	12,120	0.43
08/25/2021	13:14:00	78765.33	394747.65	39.03	Soil	12,900	0.98
08/25/2021	13:14:01	78765.49	394747.76	39.06	Soil	11,700	0.13
08/25/2021	13:14:02	78765.57	394747.90	39.06	Soil	11,280	-0.16
08/25/2021	13:14:03	78765.82	394747.84	39.08	Soil	10,560	-0.67
08/25/2021	13:14:04	78765.81	394748.00	39.09	Soil	10,620	-0.62
08/25/2021	13:14:05	78765.95	394748.01	39.09	Soil	10,740	-0.54
08/25/2021	13:14:06	78766.24	394747.81	39.08	Soil	10,860	-0.46
08/25/2021	13:14:07	78766.28	394747.89	39.08	Soil	11,940	0.30
08/25/2021	13:14:08	78766.40	394747.89	39.03	Soil	10,620	-0.62
08/25/2021	13:14:09	78766.40	394747.69	39.05	Soil	11,580	0.05
08/25/2021	13:14:10	78766.21	394747.73	39.04	Soil	10,500	-0.71
08/25/2021	13:14:11	78766.03	394747.73	39.03	Soil	11,580	0.05
08/25/2021	13:14:12	78766.07	394747.68	39.03	Soil	12,180	0.47
08/25/2021	13:14:13	78766.13	394747.52	38.99	Soil	9,780	-1.21
08/25/2021	13:14:14	78766.04	394747.57	39.00	Soil	11,760	0.18
08/25/2021	13:14:15	78765.89	394747.63	38.98	Soil	9,960	-1.09
08/25/2021	13:14:16	78765.83	394747.53	38.99	Soil	11,100	-0.29
08/25/2021	13:14:17	78765.68	394747.47	38.96	Soil	11,280	-0.16
08/25/2021	13:14:18	78765.51	394747.47	38.99	Soil	11,220	-0.20
08/25/2021	13:14:19	78765.60	394747.33	38.92	Soil	13,140	1.14
08/25/2021	13:14:20	78765.58	394747.22	38.96	Soil	10,680	-0.58
08/25/2021	13:14:21	78765.40	394747.40	38.95	Soil	11,640	0.09
08/25/2021	13:14:22	78765.45	394747.34	38.94	Soil	10,320	-0.84
08/25/2021	13:14:23	78765.43	394747.35	38.93	Soil	11,460	-0.04
08/25/2021	13:14:24	78765.38	394747.32	38.97	Soil	11,700	0.13
08/25/2021	13:14:25	78765.20	394747.34	38.93	Soil	12,720	0.85
08/25/2021	13:14:26	78765.02	394747.44	38.93	Soil	12,000	0.34
08/25/2021	13:14:27	78765.03	394747.43	38.95	Soil	12,960	1.02
08/25/2021	13:14:28	78765.29	394747.35	38.91	Soil	13,560	1.44
08/25/2021	13:14:29	78765.38	394747.31	38.94	Soil	10,740	-0.54

SU 7D GWS RESULTS
(SOIL)

08/25/2021	13:14:30	78765.47	394747.42	38.95	Soil	10,680	-0.58
08/25/2021	13:14:31	78765.65	394747.39	38.91	Soil	14,160	1.86
08/25/2021	13:14:32	78765.93	394747.22	38.89	Soil	11,400	-0.08
08/25/2021	13:14:33	78765.99	394747.14	38.87	Soil	12,600	0.76
08/25/2021	13:14:34	78766.08	394747.03	38.88	Soil	12,900	0.98
08/25/2021	13:14:35	78765.95	394747.30	38.90	Soil	9,900	-1.13
08/25/2021	13:14:36	78765.86	394747.42	38.86	Soil	11,760	0.18
08/25/2021	13:14:37	78765.96	394747.16	38.82	Soil	9,780	-1.21
08/25/2021	13:14:38	78766.14	394746.97	38.83	Soil	11,400	-0.08
08/25/2021	13:14:39	78766.31	394747.23	38.79	Soil	11,520	0.01
08/25/2021	13:14:40	78766.44	394747.14	38.84	Soil	11,700	0.13
08/25/2021	13:14:41	78766.67	394746.99	38.88	Soil	11,460	-0.04
08/25/2021	13:14:42	78766.82	394747.37	38.93	Soil	11,160	-0.25
08/25/2021	13:14:43	78766.87	394747.42	38.90	Soil	12,000	0.34
08/25/2021	13:14:44	78767.01	394747.10	38.94	Soil	12,180	0.47
08/25/2021	13:14:45	78767.10	394747.25	38.98	Soil	12,360	0.60
08/25/2021	13:14:46	78767.13	394747.62	38.94	Soil	9,900	-1.13
08/25/2021	13:14:47	78767.20	394747.47	38.95	Soil	10,740	-0.54
08/25/2021	13:14:48	78767.22	394747.41	39.00	Soil	11,520	0.01
08/25/2021	13:14:49	78767.04	394747.44	39.06	Soil	12,060	0.39
08/25/2021	13:14:50	78766.99	394747.19	39.01	Soil	10,260	-0.88
08/25/2021	13:14:51	78766.89	394747.25	39.05	Soil	11,880	0.26
08/25/2021	13:14:52	78766.86	394747.36	39.03	Soil	10,740	-0.54
08/25/2021	13:14:53	78766.83	394747.30	39.06	Soil	10,320	-0.84
08/25/2021	13:14:54	78766.79	394747.36	39.05	Soil	11,700	0.13
08/25/2021	13:14:55	78766.92	394747.20	39.05	Soil	11,280	-0.16
08/25/2021	13:14:56	78766.87	394747.39	39.05	Soil	11,700	0.13
08/25/2021	13:14:57	78766.86	394747.29	39.08	Soil	10,980	-0.37
08/25/2021	13:14:58	78766.79	394747.39	39.06	Soil	10,020	-1.05
08/25/2021	13:14:59	78766.86	394747.33	39.07	Soil	11,700	0.13
08/25/2021	13:15:00	78766.88	394747.43	39.01	Soil	11,760	0.18
08/25/2021	13:15:01	78767.21	394747.32	38.99	Soil	11,340	-0.12
08/25/2021	13:15:02	78767.39	394747.37	39.02	Soil	11,160	-0.25
08/25/2021	13:15:03	78767.56	394747.16	39.03	Soil	12,840	0.93
08/25/2021	13:15:04	78767.68	394747.07	39.04	Soil	10,560	-0.67
08/25/2021	13:15:05	78767.74	394747.08	39.00	Soil	12,720	0.85
08/25/2021	13:15:06	78767.77	394746.95	38.99	Soil	12,900	0.98
08/25/2021	13:15:07	78767.85	394747.14	38.97	Soil	12,780	0.89
08/25/2021	13:15:08	78767.88	394747.05	38.98	Soil	11,040	-0.33
08/25/2021	13:15:09	78767.66	394746.95	38.98	Soil	12,120	0.43
08/25/2021	13:15:10	78767.49	394747.12	38.97	Soil	13,080	1.10
08/25/2021	13:15:11	78767.28	394747.17	38.98	Soil	13,020	1.06
08/25/2021	13:15:12	78767.30	394747.03	38.95	Soil	11,700	0.13
08/25/2021	13:15:13	78767.28	394747.22	38.98	Soil	11,880	0.26
08/25/2021	13:15:14	78767.15	394747.19	39.01	Soil	11,160	-0.25
08/25/2021	13:15:15	78767.17	394747.20	39.04	Soil	10,740	-0.54
08/25/2021	13:15:16	78767.10	394747.31	39.08	Soil	11,040	-0.33
08/25/2021	13:15:17	78766.99	394747.30	39.03	Soil	11,100	-0.29
08/25/2021	13:15:18	78766.81	394747.31	38.99	Soil	12,000	0.34
08/25/2021	13:15:19	78766.84	394747.40	38.97	Soil	11,340	-0.12
08/25/2021	13:15:20	78766.69	394747.45	39.05	Soil	11,940	0.30

SU 7D GWS RESULTS
(SOIL)

08/25/2021	13:15:21	78766.45	394747.65	39.13	Soil	10,500	-0.71
08/25/2021	13:15:22	78766.32	394747.71	39.19	Soil	10,440	-0.75
08/25/2021	13:15:23	78765.86	394747.78	39.22	Soil	12,060	0.39
08/25/2021	13:15:24	78765.54	394747.84	39.26	Soil	10,620	-0.62
08/25/2021	13:15:25	78765.25	394747.92	39.28	Soil	10,560	-0.67
08/25/2021	13:15:26	78764.78	394747.90	39.29	Soil	12,420	0.64
08/25/2021	13:15:27	78764.41	394748.07	39.23	Soil	11,220	-0.20
08/25/2021	13:15:28	78764.29	394748.48	39.30	Soil	12,960	1.02
08/25/2021	13:15:29	78764.61	394748.91	39.29	Soil	11,160	-0.25
08/25/2021	13:15:30	78764.78	394748.94	39.43	Soil	12,240	0.51
08/25/2021	13:15:31	78764.97	394748.63	39.42	Soil	11,520	0.01
08/25/2021	13:15:32	78765.06	394748.46	39.50	Soil	10,620	-0.62
08/25/2021	13:15:33	78765.05	394748.36	39.52	Soil	12,180	0.47
08/25/2021	13:15:34	78764.97	394748.34	39.57	Soil	9,840	-1.17
08/25/2021	13:15:35	78764.99	394748.28	39.60	Soil	10,740	-0.54
08/25/2021	13:15:36	78765.01	394748.29	39.61	Soil	10,320	-0.84
08/25/2021	13:15:37	78765.08	394748.38	39.59	Soil	11,100	-0.29
08/25/2021	13:15:38	78765.26	394748.69	39.58	Soil	10,620	-0.62
08/25/2021	13:15:39	78765.24	394748.83	39.57	Soil	11,280	-0.16
08/25/2021	13:15:40	78765.39	394748.39	39.57	Soil	10,440	-0.75
08/25/2021	13:15:41	78765.51	394748.17	39.54	Soil	10,860	-0.46
08/25/2021	13:15:42	78765.64	394748.04	39.55	Soil	12,180	0.47
08/25/2021	13:15:43	78765.77	394748.07	39.55	Soil	12,780	0.89
08/25/2021	13:15:44	78765.86	394747.99	39.50	Soil	13,260	1.23
08/25/2021	13:15:45	78765.75	394747.93	39.51	Soil	8,580	-2.06
08/25/2021	13:15:46	78765.88	394748.06	39.48	Soil	11,460	-0.04
08/25/2021	13:15:47	78765.78	394748.05	39.49	Soil	12,000	0.34
08/25/2021	13:15:48	78765.31	394747.91	39.53	Soil	12,720	0.85
08/25/2021	13:15:49	78764.85	394747.91	39.52	Soil	11,880	0.26
08/25/2021	13:15:50	78764.79	394747.82	39.45	Soil	12,420	0.64
08/25/2021	13:15:51	78764.86	394748.03	39.44	Soil	10,800	-0.50
08/25/2021	13:15:52	78764.88	394748.32	39.39	Soil	12,360	0.60
08/25/2021	13:15:53	78764.76	394748.56	39.36	Soil	11,580	0.05
08/25/2021	13:15:54	78764.72	394748.90	39.34	Soil	10,380	-0.79
08/25/2021	13:15:55	78764.67	394749.19	39.37	Soil	10,560	-0.67
08/25/2021	13:15:56	78764.65	394749.56	39.40	Soil	10,800	-0.50
08/25/2021	13:15:57	78764.80	394749.66	39.36	Soil	12,540	0.72
08/25/2021	13:15:58	78764.88	394749.61	39.40	Soil	11,760	0.18
08/25/2021	13:15:59	78765.03	394749.29	39.45	Soil	11,040	-0.33
08/25/2021	13:16:00	78765.11	394748.94	39.41	Soil	11,340	-0.12
08/25/2021	13:16:01	78765.19	394749.29	39.45	Soil	13,260	1.23
08/25/2021	13:16:02	78765.29	394749.60	39.45	Soil	11,640	0.09
08/25/2021	13:16:03	78765.32	394749.46	39.47	Soil	9,720	-1.26
08/25/2021	13:16:04	78765.38	394748.99	39.54	Soil	12,240	0.51
08/25/2021	13:16:05	78765.44	394748.76	39.54	Soil	11,880	0.26
08/25/2021	13:16:06	78765.60	394748.91	39.54	Soil	11,400	-0.08
08/25/2021	13:16:07	78765.79	394749.22	39.55	Soil	11,280	-0.16
08/25/2021	13:16:08	78765.82	394749.29	39.55	Soil	11,100	-0.29
08/25/2021	13:16:09	78765.91	394748.96	39.58	Soil	11,460	-0.04
08/25/2021	13:16:10	78766.04	394748.69	39.55	Soil	11,040	-0.33
08/25/2021	13:16:11	78766.25	394748.79	39.57	Soil	11,700	0.13

SU 7D GWS RESULTS
(SOIL)

08/25/2021	13:16:12	78766.31	394748.88	39.52	Soil	11,760	0.18
08/25/2021	13:16:13	78766.34	394748.68	39.55	Soil	11,700	0.13
08/25/2021	13:16:14	78766.41	394748.48	39.53	Soil	10,500	-0.71
08/25/2021	13:16:15	78766.60	394748.72	39.55	Soil	12,540	0.72
08/25/2021	13:16:16	78766.68	394748.80	39.54	Soil	10,860	-0.46
08/25/2021	13:16:17	78766.61	394748.43	39.61	Soil	11,220	-0.20
08/25/2021	13:16:18	78766.65	394748.25	39.58	Soil	10,620	-0.62
08/25/2021	13:16:19	78766.80	394748.50	39.60	Soil	11,880	0.26
08/25/2021	13:16:20	78766.92	394748.76	39.59	Soil	10,740	-0.54
08/25/2021	13:16:21	78766.95	394748.44	39.67	Soil	11,700	0.13
08/25/2021	13:16:22	78766.96	394748.12	39.66	Soil	13,020	1.06
08/25/2021	13:16:23	78767.11	394748.23	39.62	Soil	11,460	-0.04
08/25/2021	13:16:24	78767.26	394748.50	39.64	Soil	12,180	0.47
08/25/2021	13:16:25	78767.26	394748.59	39.59	Soil	13,320	1.27
08/25/2021	13:16:26	78767.32	394748.26	39.63	Soil	12,120	0.43
08/25/2021	13:16:27	78767.39	394747.99	39.61	Soil	10,920	-0.41
08/25/2021	13:16:28	78767.54	394748.09	39.55	Soil	10,500	-0.71
08/25/2021	13:16:29	78767.65	394748.40	39.58	Soil	10,860	-0.46
08/25/2021	13:16:30	78767.64	394748.58	39.55	Soil	11,340	-0.12
08/25/2021	13:16:31	78767.66	394748.42	39.51	Soil	10,620	-0.62
08/25/2021	13:16:32	78767.78	394748.07	39.55	Soil	13,800	1.61
08/25/2021	13:16:33	78767.80	394747.92	39.57	Soil	10,680	-0.58
08/25/2021	13:16:34	78767.83	394747.93	39.51	Soil	12,900	0.98
08/25/2021	13:16:35	78767.98	394748.16	39.50	Soil	10,140	-0.96
08/25/2021	13:16:36	78768.01	394748.40	39.54	Soil	11,160	-0.25
08/25/2021	13:16:37	78767.97	394748.53	39.53	Soil	11,100	-0.29
08/25/2021	13:16:38	78768.01	394748.29	39.48	Soil	13,080	1.10
08/25/2021	13:16:39	78768.04	394748.04	39.47	Soil	12,240	0.51
08/25/2021	13:16:40	78768.05	394747.89	39.51	Soil	11,940	0.30
08/25/2021	13:16:41	78768.05	394747.79	39.54	Soil	11,280	-0.16
08/25/2021	13:16:42	78768.03	394747.71	39.57	Soil	12,180	0.47
08/25/2021	13:16:43	78768.00	394747.67	39.55	Soil	11,940	0.30
08/25/2021	13:16:44	78768.07	394747.71	39.48	Soil	13,440	1.35
08/25/2021	13:16:45	78768.22	394748.03	39.51	Soil	12,360	0.60
08/25/2021	13:16:46	78768.28	394748.37	39.51	Soil	10,320	-0.84
08/25/2021	13:16:47	78768.18	394748.47	39.49	Soil	11,340	-0.12
08/25/2021	13:16:48	78768.13	394748.34	39.45	Soil	12,060	0.39
08/25/2021	13:16:49	78768.24	394748.06	39.48	Soil	12,660	0.81
08/25/2021	13:16:50	78768.42	394747.72	39.50	Soil	11,040	-0.33
08/25/2021	13:16:51	78768.50	394747.64	39.54	Soil	11,880	0.26
08/25/2021	13:16:52	78768.46	394747.57	39.53	Soil	12,060	0.39
08/25/2021	13:16:53	78768.54	394747.56	39.49	Soil	11,220	-0.20
08/25/2021	13:16:54	78768.75	394747.82	39.49	Soil	11,100	-0.29
08/25/2021	13:16:55	78768.82	394748.05	39.54	Soil	13,440	1.35
08/25/2021	13:16:56	78768.65	394748.25	39.50	Soil	12,240	0.51
08/25/2021	13:16:57	78768.43	394748.30	39.48	Soil	13,140	1.14
08/25/2021	13:16:58	78768.46	394748.15	39.44	Soil	11,760	0.18
08/25/2021	13:16:59	78768.59	394748.07	39.41	Soil	12,540	0.72
08/25/2021	13:17:00	78768.75	394747.72	39.46	Soil	12,060	0.39
08/25/2021	13:17:01	78768.75	394747.50	39.45	Soil	11,280	-0.16
08/25/2021	13:17:02	78768.83	394747.56	39.39	Soil	13,020	1.06

SU 7D GWS RESULTS
(SOIL)

08/25/2021	13:17:03	78769.02	394747.73	39.37	Soil	10,320	-0.84
08/25/2021	13:17:04	78769.02	394747.90	39.33	Soil	12,480	0.68
08/25/2021	13:17:05	78769.09	394747.76	39.32	Soil	10,380	-0.79
08/25/2021	13:17:06	78769.15	394747.52	39.37	Soil	11,940	0.30
08/25/2021	13:17:07	78769.16	394747.36	39.41	Soil	12,360	0.60
08/25/2021	13:17:08	78769.13	394747.31	39.43	Soil	12,360	0.60
08/25/2021	13:17:09	78769.12	394747.26	39.46	Soil	12,300	0.55
08/25/2021	13:17:10	78768.94	394747.06	39.49	Soil	12,420	0.64
08/25/2021	13:17:11	78768.97	394747.13	39.48	Soil	12,720	0.85
08/25/2021	13:17:12	78769.08	394747.22	39.48	Soil	12,420	0.64
08/25/2021	13:17:13	78769.07	394747.25	39.50	Soil	11,940	0.30
08/25/2021	13:17:14	78769.10	394747.33	39.48	Soil	13,500	1.40
08/25/2021	13:17:15	78769.15	394747.43	39.43	Soil	11,100	-0.29
08/25/2021	13:17:16	78769.23	394747.68	39.42	Soil	12,960	1.02
08/25/2021	13:17:17	78769.33	394747.90	39.36	Soil	10,380	-0.79
08/25/2021	13:17:18	78769.41	394747.80	39.34	Soil	10,020	-1.05
08/25/2021	13:17:19	78769.52	394747.46	39.32	Soil	11,100	-0.29
08/25/2021	13:17:20	78769.67	394747.64	39.36	Soil	13,260	1.23
08/25/2021	13:17:21	78769.72	394747.74	39.29	Soil	12,720	0.85
08/25/2021	13:17:22	78769.81	394747.29	39.27	Soil	12,420	0.64
08/25/2021	13:17:23	78769.97	394747.21	39.23	Soil	11,280	-0.16
08/25/2021	13:17:24	78770.11	394747.38	39.22	Soil	13,140	1.14
08/25/2021	13:17:25	78770.04	394747.42	39.22	Soil	14,100	1.82
08/25/2021	13:17:26	78769.96	394747.53	39.19	Soil	13,500	1.40
08/25/2021	13:17:27	78769.96	394747.52	39.16	Soil	11,400	-0.08
08/25/2021	13:17:28	78770.18	394747.31	39.19	Soil	11,820	0.22
08/25/2021	13:17:29	78770.23	394746.96	39.20	Soil	10,920	-0.41
08/25/2021	13:17:30	78770.43	394746.85	39.20	Soil	11,760	0.18
08/25/2021	13:17:31	78770.55	394747.06	39.19	Soil	12,240	0.51
08/25/2021	13:17:32	78770.52	394747.13	39.16	Soil	11,580	0.05
08/25/2021	13:17:33	78770.69	394747.10	39.17	Soil	10,800	-0.50
08/25/2021	13:17:34	78770.85	394746.87	39.18	Soil	12,360	0.60
08/25/2021	13:17:35	78771.08	394746.60	39.16	Soil	12,960	1.02
08/25/2021	13:17:36	78771.32	394746.69	39.14	Soil	13,380	1.31
08/25/2021	13:17:37	78771.38	394746.76	39.10	Soil	13,020	1.06
08/25/2021	13:17:38	78771.57	394746.75	39.02	Soil	14,340	1.99
08/25/2021	13:17:39	78771.57	394746.52	39.00	Soil	13,260	1.23
08/25/2021	13:17:40	78771.66	394746.17	38.95	Soil	13,260	1.23
08/25/2021	13:17:41	78771.82	394746.17	38.89	Soil	12,060	0.39
08/25/2021	13:17:42	78772.01	394746.31	38.94	Soil	10,020	-1.05
08/25/2021	13:17:43	78772.11	394746.38	38.89	Soil	11,880	0.26
08/25/2021	13:17:44	78772.27	394746.29	38.80	Soil	10,260	-0.88
08/25/2021	13:17:45	78772.29	394745.85	38.79	Soil	10,860	-0.46
08/25/2021	13:17:46	78772.41	394745.74	38.72	Soil	13,140	1.14
08/25/2021	13:17:47	78772.67	394745.82	38.69	Soil	9,660	-1.30
08/25/2021	13:17:48	78772.72	394745.68	38.65	Soil	11,700	0.13
08/25/2021	13:17:49	78772.77	394745.42	38.63	Soil	12,000	0.34
08/25/2021	13:17:50	78772.97	394745.45	38.58	Soil	9,960	-1.09
08/25/2021	13:17:51	78773.06	394745.32	38.58	Soil	11,520	0.01
08/25/2021	13:17:52	78773.15	394745.11	38.55	Soil	11,160	-0.25
08/25/2021	13:17:53	78773.39	394745.16	38.52	Soil	11,520	0.01

SU 7D GWS RESULTS
(SOIL)

08/25/2021	13:17:54	78773.32	394744.87	38.48	Soil	9,720	-1.26
08/25/2021	13:17:55	78773.50	394744.92	38.43	Soil	11,040	-0.33
08/25/2021	13:17:56	78773.35	394744.63	38.51	Soil	13,380	1.31
08/25/2021	13:17:57	78773.54	394744.51	38.51	Soil	11,580	0.05
08/25/2021	13:17:58	78773.76	394744.60	38.44	Soil	11,760	0.18
08/25/2021	13:17:59	78773.79	394744.60	38.43	Soil	9,900	-1.13
08/25/2021	13:18:00	78773.72	394744.59	38.40	Soil	13,500	1.40
08/25/2021	13:18:01	78773.69	394744.48	38.43	Soil	12,420	0.64
08/25/2021	13:18:02	78773.73	394744.43	38.42	Soil	11,580	0.05
08/25/2021	13:18:03	78773.87	394744.68	38.40	Soil	12,720	0.85
08/25/2021	13:18:04	78773.85	394744.96	38.41	Soil	11,820	0.22
08/25/2021	13:18:05	78773.81	394744.93	38.39	Soil	12,120	0.43
08/25/2021	13:18:06	78773.70	394744.97	38.46	Soil	12,480	0.68
08/25/2021	13:18:07	78773.76	394745.13	38.43	Soil	12,060	0.39
08/25/2021	13:18:08	78773.84	394745.20	38.41	Soil	12,420	0.64
08/25/2021	13:18:09	78773.82	394745.19	38.35	Soil	11,340	-0.12
08/25/2021	13:18:10	78773.95	394745.46	38.29	Soil	12,120	0.43
08/25/2021	13:18:11	78773.91	394745.35	38.26	Soil	11,880	0.26
08/25/2021	13:18:12	78773.95	394745.43	38.25	Soil	13,500	1.40
08/25/2021	13:18:13	78773.97	394745.49	38.22	Soil	13,800	1.61
08/25/2021	13:18:14	78773.98	394745.49	38.16	Soil	11,880	0.26
08/25/2021	13:18:15	78774.00	394745.48	38.13	Soil	11,940	0.30
08/25/2021	13:18:16	78774.00	394745.44	38.10	Soil	11,940	0.30
08/25/2021	13:18:17	78773.97	394745.37	38.10	Soil	13,560	1.44
08/25/2021	13:18:18	78773.85	394745.25	38.18	Soil	11,580	0.05
08/25/2021	13:18:19	78773.71	394745.04	38.14	Soil	9,900	-1.13
08/25/2021	13:18:20	78773.76	394745.39	38.12	Soil	10,800	-0.50
08/25/2021	13:18:21	78773.74	394745.47	38.18	Soil	12,360	0.60
08/25/2021	13:18:22	78773.56	394745.37	38.13	Soil	12,660	0.81
08/25/2021	13:18:23	78773.59	394745.41	38.12	Soil	11,640	0.09
08/25/2021	13:18:24	78773.51	394745.66	38.14	Soil	13,020	1.06
08/25/2021	13:18:25	78773.26	394745.48	38.19	Soil	13,260	1.23
08/25/2021	13:18:26	78773.19	394745.57	38.20	Soil	13,860	1.65
08/25/2021	13:18:27	78773.26	394745.98	38.25	Soil	11,160	-0.25
08/25/2021	13:18:28	78773.21	394745.91	38.23	Soil	12,120	0.43
08/25/2021	13:18:29	78773.02	394745.82	38.34	Soil	11,220	-0.20
08/25/2021	13:18:30	78772.88	394745.74	38.34	Soil	11,100	-0.29
08/25/2021	13:18:31	78772.89	394746.09	38.34	Soil	10,500	-0.71
08/25/2021	13:18:32	78772.73	394745.94	38.40	Soil	11,160	-0.25
08/25/2021	13:18:33	78772.61	394745.85	38.44	Soil	12,720	0.85
08/25/2021	13:18:34	78772.66	394746.29	38.44	Soil	11,400	-0.08
08/25/2021	13:18:35	78772.49	394746.08	38.50	Soil	11,760	0.18
08/25/2021	13:18:36	78772.36	394746.06	38.54	Soil	11,880	0.26
08/25/2021	13:18:37	78772.32	394746.48	38.53	Soil	9,360	-1.51
08/25/2021	13:18:38	78772.13	394746.31	38.59	Soil	12,180	0.47
08/25/2021	13:18:39	78771.94	394746.19	38.59	Soil	11,700	0.13
08/25/2021	13:18:40	78771.85	394746.58	38.63	Soil	11,520	0.01
08/25/2021	13:18:41	78771.63	394746.39	38.65	Soil	12,360	0.60
08/25/2021	13:18:42	78771.55	394746.53	38.74	Soil	12,840	0.93
08/25/2021	13:18:43	78771.38	394746.95	38.73	Soil	12,240	0.51
08/25/2021	13:18:44	78771.16	394746.74	38.82	Soil	11,400	-0.08

SU 7D GWS RESULTS
(SOIL)

08/25/2021	13:18:45	78771.04	394746.75	38.84	Soil	14,760	2.28
08/25/2021	13:18:46	78770.99	394747.09	38.82	Soil	11,580	0.05
08/25/2021	13:18:47	78770.80	394746.94	38.84	Soil	11,940	0.30
08/25/2021	13:18:48	78770.71	394746.97	38.85	Soil	12,420	0.64
08/25/2021	13:18:49	78770.55	394747.31	38.88	Soil	12,120	0.43
08/25/2021	13:18:50	78770.38	394747.09	38.85	Soil	12,900	0.98
08/25/2021	13:18:51	78770.29	394747.47	38.84	Soil	12,240	0.51
08/25/2021	13:18:52	78770.10	394747.56	38.91	Soil	10,560	-0.67
08/25/2021	13:18:53	78769.85	394747.54	38.92	Soil	12,960	1.02
08/25/2021	13:18:54	78769.81	394747.91	38.97	Soil	10,920	-0.41
08/25/2021	13:18:55	78769.56	394747.75	38.95	Soil	12,240	0.51
08/25/2021	13:18:56	78769.45	394748.09	38.90	Soil	12,660	0.81
08/25/2021	13:18:57	78769.41	394747.97	38.87	Soil	11,520	0.01
08/25/2021	13:18:58	78769.32	394747.97	38.84	Soil	11,280	-0.16
08/25/2021	13:18:59	78769.28	394748.24	38.82	Soil	10,380	-0.79
08/25/2021	13:19:00	78769.01	394747.97	38.80	Soil	12,360	0.60
08/25/2021	13:19:01	78768.93	394748.10	38.82	Soil	10,320	-0.84
08/25/2021	13:19:02	78768.78	394748.26	38.85	Soil	9,360	-1.51
08/25/2021	13:19:03	78768.58	394748.11	38.88	Soil	11,040	-0.33
08/25/2021	13:19:04	78768.46	394748.48	38.89	Soil	11,160	-0.25
08/25/2021	13:19:05	78768.23	394748.25	38.85	Soil	10,740	-0.54
08/25/2021	13:19:06	78768.13	394748.46	38.92	Soil	11,400	-0.08
08/25/2021	13:19:07	78767.92	394748.61	38.93	Soil	10,200	-0.92
08/25/2021	13:19:08	78767.72	394748.36	38.90	Soil	11,640	0.09
08/25/2021	13:19:09	78767.60	394748.66	38.95	Soil	11,100	-0.29
08/25/2021	13:19:10	78767.48	394748.82	38.93	Soil	12,180	0.47
08/25/2021	13:19:11	78767.26	394748.42	38.96	Soil	11,280	-0.16
08/25/2021	13:19:12	78767.16	394748.40	38.97	Soil	11,460	-0.04
08/25/2021	13:19:13	78767.01	394748.88	38.95	Soil	12,300	0.55
08/25/2021	13:19:14	78766.88	394748.79	38.99	Soil	12,300	0.55
08/25/2021	13:19:15	78766.66	394748.64	38.98	Soil	10,740	-0.54
08/25/2021	13:19:16	78766.57	394748.76	38.99	Soil	11,460	-0.04
08/25/2021	13:19:17	78766.47	394749.07	38.97	Soil	11,160	-0.25
08/25/2021	13:19:18	78766.24	394748.87	39.00	Soil	12,240	0.51
08/25/2021	13:19:19	78766.07	394748.78	39.03	Soil	12,060	0.39
08/25/2021	13:19:20	78765.93	394749.16	39.04	Soil	12,840	0.93
08/25/2021	13:19:21	78765.68	394748.96	39.02	Soil	12,000	0.34
08/25/2021	13:19:22	78765.51	394749.07	39.01	Soil	12,120	0.43
08/25/2021	13:19:23	78765.39	394749.40	38.97	Soil	11,760	0.18
08/25/2021	13:19:24	78765.64	394749.73	38.94	Soil	10,920	-0.41
08/25/2021	13:19:25	78765.85	394749.59	38.91	Soil	12,720	0.85
08/25/2021	13:19:26	78765.84	394749.57	38.88	Soil	12,360	0.60
08/25/2021	13:19:27	78765.90	394749.96	38.82	Soil	12,900	0.98
08/25/2021	13:19:28	78765.80	394749.79	38.79	Soil	10,740	-0.54
08/25/2021	13:19:29	78765.71	394749.79	38.83	Soil	11,640	0.09
08/25/2021	13:19:30	78765.66	394749.91	38.77	Soil	12,360	0.60
08/25/2021	13:19:31	78765.49	394749.65	38.77	Soil	12,060	0.39
08/25/2021	13:19:32	78765.59	394749.75	38.72	Soil	10,920	-0.41
08/25/2021	13:19:33	78765.47	394749.77	38.72	Soil	12,060	0.39
08/25/2021	13:19:34	78765.54	394749.48	38.76	Soil	12,000	0.34
08/25/2021	13:19:35	78765.44	394749.31	38.76	Soil	12,300	0.55

SU 7D GWS RESULTS
(SOIL)

08/25/2021	13:19:36	78765.54	394749.45	38.77	Soil	12,000	0.34
08/25/2021	13:19:37	78765.72	394749.75	38.80	Soil	10,140	-0.96
08/25/2021	13:19:38	78765.71	394749.87	38.79	Soil	12,420	0.64
08/25/2021	13:19:39	78765.83	394749.36	38.78	Soil	11,460	-0.04
08/25/2021	13:19:40	78766.01	394749.41	38.85	Soil	13,200	1.19
08/25/2021	13:19:41	78766.19	394749.53	38.84	Soil	11,100	-0.29
08/25/2021	13:19:42	78765.95	394749.17	38.86	Soil	10,680	-0.58
08/25/2021	13:19:43	78766.06	394749.09	38.88	Soil	11,520	0.01
08/25/2021	13:19:44	78766.32	394749.37	38.86	Soil	11,100	-0.29
08/25/2021	13:19:45	78766.23	394749.19	38.89	Soil	11,820	0.22
08/25/2021	13:19:46	78766.28	394748.92	38.88	Soil	11,460	-0.04
08/25/2021	13:19:47	78766.59	394749.20	38.86	Soil	10,140	-0.96
08/25/2021	13:19:48	78766.46	394749.12	38.82	Soil	10,920	-0.41
08/25/2021	13:19:49	78766.49	394749.00	38.93	Soil	11,220	-0.20
08/25/2021	13:20:08	78766.39	394749.00	38.97	Soil	11,280	-0.16
08/25/2021	13:20:09	78766.48	394749.08	38.99	Soil	13,800	1.61
08/25/2021	13:20:10	78766.64	394749.34	39.00	Soil	12,600	0.76
08/25/2021	13:20:11	78766.51	394749.22	39.04	Soil	11,880	0.26
08/25/2021	13:20:12	78766.73	394748.96	39.03	Soil	11,520	0.01
08/25/2021	13:20:13	78766.94	394749.25	39.06	Soil	13,740	1.56
08/25/2021	13:20:14	78766.99	394749.36	39.08	Soil	10,500	-0.71
08/25/2021	13:20:15	78766.95	394749.02	39.16	Soil	13,200	1.19
08/25/2021	13:20:16	78767.00	394748.67	39.12	Soil	9,600	-1.34
08/25/2021	13:20:17	78767.16	394748.87	39.14	Soil	12,600	0.76
08/25/2021	13:20:18	78767.37	394749.04	39.14	Soil	10,260	-0.88
08/25/2021	13:20:19	78767.29	394748.86	39.19	Soil	11,940	0.30
08/25/2021	13:20:20	78767.34	394748.65	39.17	Soil	12,540	0.72
08/25/2021	13:20:21	78767.47	394748.93	39.18	Soil	12,000	0.34
08/25/2021	13:20:22	78767.51	394749.05	39.15	Soil	13,080	1.10
08/25/2021	13:20:23	78767.56	394748.90	39.19	Soil	9,780	-1.21
08/25/2021	13:20:24	78767.60	394749.09	39.15	Soil	12,240	0.51
08/25/2021	13:20:25	78767.56	394748.72	39.17	Soil	11,940	0.30
08/25/2021	13:20:26	78767.77	394748.66	39.16	Soil	9,540	-1.38
08/25/2021	13:20:27	78767.83	394748.97	39.11	Soil	10,980	-0.37
08/25/2021	13:20:28	78767.75	394748.88	39.15	Soil	11,460	-0.04
08/25/2021	13:20:29	78767.86	394748.61	39.17	Soil	11,580	0.05
08/25/2021	13:20:30	78767.94	394748.65	39.16	Soil	13,080	1.10
08/25/2021	13:20:31	78768.04	394748.85	39.18	Soil	9,900	-1.13
08/25/2021	13:20:32	78767.98	394748.67	39.18	Soil	12,960	1.02
08/25/2021	13:20:33	78768.17	394748.65	39.20	Soil	11,100	-0.29
08/25/2021	13:20:34	78768.25	394748.71	39.21	Soil	11,760	0.18
08/25/2021	13:20:35	78768.21	394748.40	39.19	Soil	10,620	-0.62
08/25/2021	13:20:36	78768.35	394748.60	39.21	Soil	11,160	-0.25
08/25/2021	13:20:37	78768.35	394748.72	39.21	Soil	12,120	0.43
08/25/2021	13:20:38	78768.33	394748.38	39.21	Soil	12,420	0.64
08/25/2021	13:20:39	78768.57	394748.60	39.23	Soil	12,120	0.43
08/25/2021	13:20:40	78768.62	394748.59	39.20	Soil	10,800	-0.50
08/25/2021	13:20:41	78768.66	394748.44	39.25	Soil	11,700	0.13
08/25/2021	13:20:42	78768.64	394748.62	39.22	Soil	9,360	-1.51
08/25/2021	13:20:43	78768.65	394748.31	39.20	Soil	11,160	-0.25
08/25/2021	13:20:44	78768.73	394748.45	39.19	Soil	11,760	0.18

SU 7D GWS RESULTS
(SOIL)

08/25/2021	13:20:45	78768.76	394748.45	39.17	Soil	11,640	0.09
08/25/2021	13:20:46	78768.84	394748.26	39.19	Soil	11,040	-0.33
08/25/2021	13:20:47	78768.72	394748.62	39.18	Soil	11,700	0.13
08/25/2021	13:20:48	78768.68	394748.37	39.23	Soil	10,380	-0.79
08/25/2021	13:20:49	78768.80	394748.48	39.20	Soil	12,060	0.39
08/25/2021	13:20:50	78768.79	394748.46	39.19	Soil	12,180	0.47
08/25/2021	13:20:51	78768.76	394748.19	39.18	Soil	10,620	-0.62
08/25/2021	13:20:52	78768.97	394748.19	39.21	Soil	9,720	-1.26
08/25/2021	13:20:53	78769.00	394748.13	39.24	Soil	11,580	0.05
08/25/2021	13:20:54	78768.96	394747.88	39.21	Soil	10,740	-0.54
08/25/2021	13:20:55	78768.84	394748.31	39.25	Soil	11,760	0.18
08/25/2021	13:20:56	78768.88	394748.34	39.29	Soil	11,640	0.09
08/25/2021	13:20:57	78769.06	394748.14	39.25	Soil	14,400	2.03
08/25/2021	13:20:58	78769.11	394748.10	39.25	Soil	10,800	-0.50
08/25/2021	13:20:59	78769.27	394748.21	39.20	Soil	13,800	1.61
08/25/2021	13:21:00	78769.22	394747.91	39.25	Soil	10,980	-0.37
08/25/2021	13:21:01	78769.28	394748.03	39.22	Soil	11,220	-0.20
08/25/2021	13:21:02	78769.24	394747.98	39.23	Soil	11,400	-0.08
08/25/2021	13:21:03	78769.42	394747.84	39.22	Soil	13,200	1.19
08/25/2021	13:21:04	78769.40	394748.05	39.20	Soil	11,340	-0.12
08/25/2021	13:21:05	78769.53	394747.96	39.26	Soil	11,580	0.05
08/25/2021	13:21:06	78769.51	394748.10	39.22	Soil	11,220	-0.20
08/25/2021	13:21:07	78769.41	394747.91	39.25	Soil	12,000	0.34
08/25/2021	13:21:08	78769.59	394747.81	39.29	Soil	12,480	0.68
08/25/2021	13:21:09	78769.79	394748.02	39.20	Soil	12,300	0.55
08/25/2021	13:21:10	78769.75	394747.80	39.23	Soil	11,820	0.22
08/25/2021	13:21:11	78769.93	394747.83	39.22	Soil	10,980	-0.37
08/25/2021	13:21:12	78769.89	394747.84	39.22	Soil	11,640	0.09
08/25/2021	13:21:13	78769.97	394747.54	39.19	Soil	11,700	0.13
08/25/2021	13:21:14	78770.06	394747.66	39.17	Soil	10,800	-0.50
08/25/2021	13:21:15	78769.99	394747.82	39.18	Soil	10,020	-1.05
08/25/2021	13:21:16	78770.12	394747.50	39.21	Soil	12,480	0.68
08/25/2021	13:21:17	78770.24	394747.35	39.16	Soil	13,200	1.19
08/25/2021	13:21:18	78770.31	394747.64	39.18	Soil	11,640	0.09
08/25/2021	13:21:19	78770.47	394747.88	39.15	Soil	11,520	0.01
08/25/2021	13:21:20	78770.42	394747.84	39.14	Soil	11,880	0.26
08/25/2021	13:21:21	78770.41	394747.72	39.18	Soil	11,760	0.18
08/25/2021	13:21:22	78770.23	394747.90	39.21	Soil	10,440	-0.75
08/25/2021	13:21:23	78770.06	394747.88	39.23	Soil	11,160	-0.25
08/25/2021	13:21:24	78769.89	394747.90	39.21	Soil	11,280	-0.16
08/25/2021	13:21:25	78770.07	394747.89	39.23	Soil	10,560	-0.67
08/25/2021	13:21:26	78770.32	394747.81	39.28	Soil	11,520	0.01
08/25/2021	13:21:27	78770.53	394747.61	39.26	Soil	11,760	0.18
08/25/2021	13:21:28	78770.65	394747.54	39.26	Soil	12,120	0.43
08/25/2021	13:21:29	78770.75	394747.52	39.18	Soil	12,000	0.34
08/25/2021	13:21:30	78770.79	394747.21	39.17	Soil	9,720	-1.26
08/25/2021	13:21:31	78770.94	394747.20	39.19	Soil	11,040	-0.33
08/25/2021	13:21:32	78771.14	394747.51	39.16	Soil	12,240	0.51
08/25/2021	13:21:33	78771.05	394747.23	39.19	Soil	12,720	0.85
08/25/2021	13:21:34	78771.06	394746.95	39.18	Soil	12,240	0.51
08/25/2021	13:21:35	78771.27	394747.29	39.18	Soil	13,440	1.35

SU 7D GWS RESULTS
(SOIL)

08/25/2021	13:21:36	78771.29	394747.30	39.16	Soil	12,720	0.85
08/25/2021	13:21:37	78771.18	394746.89	39.14	Soil	14,760	2.28
08/25/2021	13:21:38	78771.28	394746.82	39.15	Soil	12,540	0.72
08/25/2021	13:21:39	78771.56	394747.06	39.14	Soil	11,160	-0.25
08/25/2021	13:21:40	78771.60	394747.00	39.07	Soil	12,240	0.51
08/25/2021	13:21:41	78771.49	394746.65	39.06	Soil	13,500	1.40
08/25/2021	13:21:42	78771.56	394746.62	39.03	Soil	11,760	0.18
08/25/2021	13:21:43	78771.79	394746.91	39.02	Soil	13,200	1.19
08/25/2021	13:21:44	78771.91	394746.92	38.95	Soil	12,660	0.81
08/25/2021	13:21:45	78771.78	394746.55	38.96	Soil	12,900	0.98
08/25/2021	13:21:46	78771.80	394746.55	38.96	Soil	13,860	1.65
08/25/2021	13:21:47	78771.97	394746.85	38.95	Soil	14,160	1.86
08/25/2021	13:21:48	78772.02	394746.86	38.88	Soil	12,060	0.39
08/25/2021	13:21:49	78771.88	394746.48	38.94	Soil	12,120	0.43
08/25/2021	13:21:50	78771.91	394746.26	38.88	Soil	11,040	-0.33
08/25/2021	13:21:51	78772.12	394746.50	38.87	Soil	11,040	-0.33
08/25/2021	13:21:52	78772.25	394746.65	38.84	Soil	11,100	-0.29
08/25/2021	13:21:53	78772.21	394746.55	38.80	Soil	11,700	0.13
08/25/2021	13:21:54	78772.21	394746.22	38.77	Soil	13,020	1.06
08/25/2021	13:21:55	78772.31	394746.22	38.72	Soil	11,340	-0.12
08/25/2021	13:21:56	78772.57	394746.43	38.69	Soil	10,440	-0.75
08/25/2021	13:21:57	78772.55	394746.33	38.67	Soil	12,060	0.39
08/25/2021	13:21:58	78772.43	394746.02	38.66	Soil	11,700	0.13
08/25/2021	13:21:59	78772.38	394745.78	38.69	Soil	10,500	-0.71
08/25/2021	13:22:00	78772.56	394746.03	38.69	Soil	10,680	-0.58
08/25/2021	13:22:01	78772.77	394746.33	38.71	Soil	11,460	-0.04
08/25/2021	13:22:02	78772.85	394746.39	38.64	Soil	11,820	0.22
08/25/2021	13:22:03	78772.74	394746.10	38.62	Soil	12,360	0.60
08/25/2021	13:22:04	78772.69	394745.79	38.62	Soil	11,820	0.22
08/25/2021	13:22:05	78772.82	394745.93	38.61	Soil	10,080	-1.00
08/25/2021	13:22:06	78772.97	394746.06	38.56	Soil	10,500	-0.71
08/25/2021	13:22:07	78772.93	394745.85	38.56	Soil	11,400	-0.08
08/25/2021	13:22:08	78772.92	394745.68	38.54	Soil	11,460	-0.04
08/25/2021	13:22:09	78773.08	394746.02	38.55	Soil	11,880	0.26
08/25/2021	13:22:10	78773.14	394746.12	38.51	Soil	11,100	-0.29
08/25/2021	13:22:11	78773.06	394745.67	38.51	Soil	10,980	-0.37
08/25/2021	13:22:12	78773.09	394745.67	38.51	Soil	11,220	-0.20
08/25/2021	13:22:13	78773.27	394746.01	38.50	Soil	11,640	0.09
08/25/2021	13:22:14	78773.25	394745.88	38.52	Soil	10,500	-0.71
08/25/2021	13:22:15	78773.19	394745.51	38.48	Soil	11,880	0.26
08/25/2021	13:22:16	78773.36	394745.84	38.45	Soil	11,520	0.01
08/25/2021	13:22:17	78773.41	394745.86	38.44	Soil	11,700	0.13
08/25/2021	13:22:18	78773.33	394745.45	38.42	Soil	12,540	0.72
08/25/2021	13:22:19	78773.45	394745.58	38.37	Soil	12,180	0.47
08/25/2021	13:22:20	78773.56	394745.71	38.38	Soil	12,900	0.98
08/25/2021	13:22:21	78773.52	394745.38	38.39	Soil	11,400	-0.08
08/25/2021	13:22:22	78773.56	394745.38	38.33	Soil	11,700	0.13
08/25/2021	13:22:23	78773.71	394745.61	38.30	Soil	11,220	-0.20
08/25/2021	13:22:24	78773.69	394745.36	38.30	Soil	12,180	0.47
08/25/2021	13:22:25	78773.77	394745.20	38.27	Soil	12,120	0.43
08/25/2021	13:22:26	78773.85	394745.61	38.25	Soil	12,300	0.55

SU 7D GWS RESULTS
(SOIL)

08/25/2021	13:22:27	78773.88	394745.18	38.26	Soil	13,200	1.19
08/25/2021	13:22:28	78773.97	394745.10	38.21	Soil	10,320	-0.84
08/25/2021	13:22:29	78774.13	394745.30	38.20	Soil	12,600	0.76
08/25/2021	13:22:34	78774.26	394745.16	38.14	Soil	12,060	0.39
08/25/2021	13:22:35	78774.17	394745.03	38.18	Soil	12,600	0.76
08/25/2021	13:22:36	78774.14	394744.90	38.17	Soil	12,180	0.47
08/25/2021	13:22:37	78774.07	394744.88	38.14	Soil	11,340	-0.12
08/25/2021	13:22:38	78774.09	394744.84	38.14	Soil	11,820	0.22
08/25/2021	13:23:10	78774.18	394745.13	37.87	Soil	12,000	0.34
08/25/2021	13:23:11	78774.20	394745.06	37.84	Soil	12,000	0.34
08/25/2021	13:23:12	78774.31	394745.19	37.85	Soil	12,540	0.72
08/25/2021	13:23:13	78774.23	394745.13	37.84	Soil	12,060	0.39
08/25/2021	13:23:14	78774.15	394745.14	37.86	Soil	12,240	0.51
08/25/2021	13:23:15	78774.15	394745.41	37.87	Soil	10,560	-0.67
08/25/2021	13:23:16	78773.96	394745.27	37.87	Soil	11,280	-0.16
08/25/2021	13:23:17	78773.98	394745.40	37.87	Soil	13,080	1.10
08/25/2021	13:23:18	78774.01	394745.53	37.88	Soil	11,940	0.30
08/25/2021	13:23:19	78773.88	394745.42	37.88	Soil	11,400	-0.08
08/25/2021	13:23:20	78773.98	394745.52	37.89	Soil	10,860	-0.46
08/25/2021	13:23:21	78774.05	394745.59	37.86	Soil	10,920	-0.41
08/25/2021	13:23:22	78773.91	394745.48	37.84	Soil	12,300	0.55
08/25/2021	13:23:23	78773.92	394745.51	37.83	Soil	12,780	0.89
08/25/2021	13:23:24	78773.87	394745.37	37.84	Soil	10,260	-0.88
08/25/2021	13:23:25	78774.10	394745.44	37.75	Soil	11,460	-0.04
08/25/2021	13:23:26	78774.17	394745.34	37.80	Soil	13,320	1.27
08/25/2021	13:23:27	78774.03	394745.04	37.81	Soil	11,400	-0.08
08/25/2021	13:23:28	78773.96	394744.99	37.79	Soil	12,240	0.51
08/25/2021	13:23:29	78774.13	394745.30	37.73	Soil	11,580	0.05
08/25/2021	13:23:30	78774.14	394745.37	37.74	Soil	10,320	-0.84
08/25/2021	13:23:31	78774.12	394745.44	37.73	Soil	9,840	-1.17
08/25/2021	13:23:32	78774.05	394745.31	37.78	Soil	12,240	0.51
08/25/2021	13:23:33	78773.84	394745.34	37.78	Soil	11,820	0.22
08/25/2021	13:23:34	78773.86	394745.54	37.80	Soil	11,280	-0.16
08/25/2021	13:23:35	78773.81	394745.63	37.83	Soil	14,220	1.90
08/25/2021	13:23:36	78773.65	394745.54	37.87	Soil	10,380	-0.79
08/25/2021	13:23:37	78773.57	394745.80	37.93	Soil	11,760	0.18
08/25/2021	13:23:38	78773.47	394745.89	37.95	Soil	11,460	-0.04
08/25/2021	13:23:39	78773.25	394745.75	38.03	Soil	11,340	-0.12
08/25/2021	13:23:40	78773.30	394746.19	38.02	Soil	11,460	-0.04
08/25/2021	13:23:41	78773.10	394746.10	38.00	Soil	13,380	1.31
08/25/2021	13:23:42	78772.89	394746.05	38.06	Soil	10,740	-0.54
08/25/2021	13:23:43	78773.01	394746.46	38.08	Soil	12,840	0.93
08/25/2021	13:23:44	78772.82	394746.42	38.07	Soil	11,340	-0.12
08/25/2021	13:23:45	78772.68	394746.43	38.20	Soil	13,200	1.19
08/25/2021	13:23:46	78772.72	394746.76	38.18	Soil	11,100	-0.29
08/25/2021	13:23:47	78772.40	394746.55	38.21	Soil	11,160	-0.25
08/25/2021	13:23:48	78772.38	394746.84	38.30	Soil	10,260	-0.88
08/25/2021	13:23:49	78772.35	394747.08	38.29	Soil	12,840	0.93
08/25/2021	13:23:50	78772.10	394746.88	38.42	Soil	11,340	-0.12
08/25/2021	13:23:51	78771.91	394747.21	38.55	Soil	12,780	0.89
08/25/2021	13:23:52	78771.59	394747.06	38.56	Soil	11,880	0.26

SU 7D GWS RESULTS
(SOIL)

08/25/2021	13:23:53	78771.49	394747.39	38.58	Soil	13,320	1.27
08/25/2021	13:23:54	78771.43	394747.46	38.56	Soil	12,960	1.02
08/25/2021	13:23:55	78771.29	394747.31	38.55	Soil	13,020	1.06
08/25/2021	13:23:56	78771.37	394747.52	38.56	Soil	13,560	1.44
08/25/2021	13:23:57	78771.21	394747.42	38.56	Soil	11,040	-0.33
08/25/2021	13:23:58	78771.10	394747.45	38.53	Soil	10,860	-0.46
08/25/2021	13:23:59	78771.07	394747.77	38.59	Soil	11,040	-0.33
08/25/2021	13:24:00	78770.91	394747.47	38.57	Soil	12,480	0.68
08/25/2021	13:24:01	78770.94	394747.79	38.59	Soil	12,120	0.43
08/25/2021	13:24:02	78770.81	394747.73	38.60	Soil	12,360	0.60
08/25/2021	13:24:03	78770.62	394747.78	38.66	Soil	14,100	1.82
08/25/2021	13:24:04	78770.62	394748.12	38.60	Soil	11,160	-0.25
08/25/2021	13:24:05	78770.29	394747.92	38.57	Soil	12,060	0.39
08/25/2021	13:24:06	78770.22	394748.27	38.61	Soil	11,160	-0.25
08/25/2021	13:24:07	78770.12	394748.45	38.62	Soil	11,280	-0.16
08/25/2021	13:24:08	78769.93	394748.34	38.64	Soil	13,920	1.69
08/25/2021	13:24:09	78769.93	394748.63	38.64	Soil	12,480	0.68
08/25/2021	13:24:10	78769.91	394748.56	38.69	Soil	12,060	0.39
08/25/2021	13:24:11	78769.68	394748.43	38.71	Soil	14,640	2.20
08/25/2021	13:24:12	78769.60	394748.71	38.70	Soil	11,460	-0.04
08/25/2021	13:24:13	78769.46	394748.52	38.71	Soil	13,980	1.73
08/25/2021	13:24:14	78769.31	394748.48	38.71	Soil	11,580	0.05
08/25/2021	13:24:15	78769.18	394748.69	38.75	Soil	11,400	-0.08
08/25/2021	13:24:16	78769.10	394748.44	38.71	Soil	13,020	1.06
08/25/2021	13:24:17	78768.92	394748.63	38.74	Soil	11,760	0.18
08/25/2021	13:24:18	78768.78	394748.72	38.77	Soil	11,160	-0.25
08/25/2021	13:24:19	78768.71	394748.48	38.76	Soil	10,260	-0.88
08/25/2021	13:24:20	78768.56	394748.81	38.83	Soil	11,340	-0.12
08/25/2021	13:24:21	78768.43	394748.63	38.82	Soil	10,740	-0.54
08/25/2021	13:24:22	78768.28	394748.86	38.83	Soil	10,440	-0.75
08/25/2021	13:24:23	78768.22	394748.97	38.86	Soil	11,700	0.13
08/25/2021	13:24:24	78768.06	394748.81	38.86	Soil	12,360	0.60
08/25/2021	13:24:25	78767.98	394748.96	38.90	Soil	10,620	-0.62
08/25/2021	13:24:26	78767.92	394748.92	38.88	Soil	13,080	1.10
08/25/2021	13:24:27	78767.80	394748.94	38.91	Soil	12,240	0.51
08/25/2021	13:24:28	78767.68	394749.25	38.91	Soil	11,760	0.18
08/25/2021	13:24:29	78767.52	394748.98	38.93	Soil	10,800	-0.50
08/25/2021	13:24:30	78767.37	394749.36	38.96	Soil	11,340	-0.12
08/25/2021	13:24:31	78767.27	394749.08	38.94	Soil	11,520	0.01
08/25/2021	13:24:32	78767.07	394749.34	38.96	Soil	10,140	-0.96
08/25/2021	13:24:33	78767.00	394749.25	38.97	Soil	11,040	-0.33
08/25/2021	13:24:34	78766.83	394749.35	39.00	Soil	12,060	0.39
08/25/2021	13:24:35	78766.78	394749.42	39.02	Soil	12,360	0.60
08/25/2021	13:24:36	78766.59	394749.21	39.03	Soil	11,700	0.13
08/25/2021	13:24:37	78766.52	394749.53	39.06	Soil	10,680	-0.58
08/25/2021	13:24:38	78766.40	394749.20	39.03	Soil	12,840	0.93
08/25/2021	13:24:39	78766.22	394749.47	39.04	Soil	11,160	-0.25
08/25/2021	13:24:40	78766.12	394749.26	39.03	Soil	9,720	-1.26
08/25/2021	13:24:41	78765.90	394749.30	39.09	Soil	10,920	-0.41
08/25/2021	13:24:42	78765.71	394749.28	39.13	Soil	11,040	-0.33
08/25/2021	13:24:43	78765.58	394749.11	39.15	Soil	12,780	0.89

SU 7D GWS RESULTS
(SOIL)

08/25/2021	13:24:44	78765.37	394749.48	39.11	Soil	11,580	0.05
08/25/2021	13:24:45	78765.39	394749.77	39.11	Soil	10,380	-0.79
08/25/2021	13:24:46	78765.65	394749.96	39.11	Soil	12,480	0.68
08/25/2021	13:24:47	78765.66	394749.92	39.12	Soil	13,080	1.10
08/25/2021	13:24:48	78765.44	394749.84	39.13	Soil	12,540	0.72
08/25/2021	13:24:49	78765.38	394749.91	39.12	Soil	10,440	-0.75
08/25/2021	13:24:50	78765.35	394749.91	39.14	Soil	12,900	0.98
08/25/2021	13:25:04	78765.79	394749.74	38.96	Soil	12,780	0.89
08/25/2021	13:25:05	78765.65	394749.84	38.98	Soil	11,040	-0.33
08/25/2021	13:25:06	78765.58	394750.02	38.97	Soil	11,040	-0.33
08/25/2021	13:25:07	78765.58	394750.07	38.97	Soil	11,460	-0.04
08/25/2021	13:25:08	78765.76	394749.66	38.96	Soil	12,180	0.47
08/25/2021	13:25:09	78765.89	394749.58	39.00	Soil	11,640	0.09
08/25/2021	13:25:10	78765.79	394749.99	39.00	Soil	12,720	0.85
08/25/2021	13:25:11	78765.72	394750.08	39.03	Soil	11,400	-0.08
08/25/2021	13:25:12	78765.96	394749.89	39.06	Soil	11,460	-0.04
08/25/2021	13:25:13	78766.22	394749.55	39.06	Soil	12,000	0.34
08/25/2021	13:25:14	78766.29	394749.65	39.10	Soil	12,180	0.47
08/25/2021	13:25:15	78766.31	394750.06	39.14	Soil	10,740	-0.54
08/25/2021	13:25:16	78766.25	394750.14	39.13	Soil	12,780	0.89
08/25/2021	13:25:17	78766.45	394749.84	39.13	Soil	10,080	-1.00
08/25/2021	13:25:18	78766.54	394749.62	39.14	Soil	9,240	-1.59
08/25/2021	13:25:19	78766.43	394749.79	39.18	Soil	11,160	-0.25
08/25/2021	13:25:20	78766.08	394750.05	39.15	Soil	10,020	-1.05
08/25/2021	13:25:21	78765.82	394750.02	39.14	Soil	12,480	0.68
08/25/2021	13:25:22	78766.25	394749.93	39.12	Soil	11,280	-0.16
08/25/2021	13:25:23	78766.55	394749.73	39.11	Soil	10,380	-0.79
08/25/2021	13:25:24	78766.67	394749.88	39.15	Soil	12,420	0.64
08/25/2021	13:25:25	78766.83	394750.09	39.18	Soil	11,880	0.26
08/25/2021	13:25:26	78766.89	394749.78	39.20	Soil	12,180	0.47
08/25/2021	13:25:27	78766.97	394749.56	39.18	Soil	10,800	-0.50
08/25/2021	13:25:28	78766.99	394749.55	39.20	Soil	12,660	0.81
08/25/2021	13:25:29	78766.89	394749.71	39.18	Soil	12,720	0.85
08/25/2021	13:25:30	78766.73	394749.80	39.16	Soil	13,080	1.10
08/25/2021	13:25:31	78766.61	394749.86	39.12	Soil	11,940	0.30
08/25/2021	13:25:32	78766.64	394749.87	39.15	Soil	12,660	0.81
08/25/2021	13:25:33	78766.65	394749.88	39.14	Soil	10,320	-0.84
08/25/2021	13:25:34	78766.66	394749.86	39.14	Soil	12,540	0.72
08/25/2021	13:26:03	78766.56	394750.08	39.12	Soil	10,620	-0.62
08/25/2021	13:26:04	78766.54	394749.98	39.19	Soil	12,180	0.47
08/25/2021	13:26:05	78766.66	394749.95	39.19	Soil	12,060	0.39
08/25/2021	13:26:06	78766.82	394750.07	39.18	Soil	11,640	0.09
08/25/2021	13:26:07	78766.79	394750.23	39.20	Soil	13,020	1.06
08/25/2021	13:26:08	78766.93	394749.85	39.19	Soil	14,220	1.90
08/25/2021	13:26:09	78766.95	394749.63	39.13	Soil	10,140	-0.96
08/25/2021	13:26:10	78767.04	394749.78	39.13	Soil	13,140	1.14
08/25/2021	13:26:11	78767.11	394749.99	39.16	Soil	10,500	-0.71
08/25/2021	13:26:12	78767.18	394750.02	39.16	Soil	12,420	0.64
08/25/2021	13:26:13	78767.23	394750.07	39.19	Soil	11,160	-0.25
08/25/2021	13:26:14	78767.26	394749.96	39.20	Soil	12,960	1.02
08/25/2021	13:26:15	78767.35	394749.61	39.21	Soil	13,440	1.35

SU 7D GWS RESULTS
(SOIL)

08/25/2021	13:26:16	78767.33	394749.51	39.21	Soil	11,280	-0.16
08/25/2021	13:26:17	78767.47	394749.78	39.24	Soil	10,320	-0.84
08/25/2021	13:26:18	78767.44	394750.13	39.26	Soil	10,740	-0.54
08/25/2021	13:26:19	78767.19	394750.30	39.28	Soil	11,700	0.13
08/25/2021	13:26:20	78767.22	394750.30	39.25	Soil	12,600	0.76
08/25/2021	13:26:21	78767.51	394750.03	39.24	Soil	11,760	0.18
08/25/2021	13:26:22	78767.63	394749.60	39.32	Soil	11,880	0.26
08/25/2021	13:26:23	78767.72	394749.47	39.32	Soil	12,000	0.34
08/25/2021	13:26:24	78767.73	394749.33	39.27	Soil	11,880	0.26
08/25/2021	13:26:25	78767.80	394749.40	39.25	Soil	11,340	-0.12
08/25/2021	13:26:26	78767.92	394749.69	39.25	Soil	13,560	1.44
08/25/2021	13:26:27	78767.87	394750.03	39.30	Soil	9,780	-1.21
08/25/2021	13:26:28	78767.79	394750.17	39.34	Soil	10,440	-0.75
08/25/2021	13:26:29	78767.62	394750.26	39.36	Soil	10,260	-0.88
08/25/2021	13:26:30	78767.52	394750.30	39.39	Soil	11,940	0.30
08/25/2021	13:26:31	78767.58	394750.24	39.41	Soil	10,260	-0.88
08/25/2021	13:26:32	78767.74	394749.97	39.39	Soil	12,360	0.60
08/25/2021	13:26:33	78767.90	394749.79	39.39	Soil	11,280	-0.16
08/25/2021	13:26:34	78768.01	394749.74	39.39	Soil	10,560	-0.67
08/25/2021	13:26:35	78767.92	394749.58	39.41	Soil	11,340	-0.12
08/25/2021	13:26:36	78767.67	394749.71	39.44	Soil	11,460	-0.04
08/25/2021	13:26:37	78767.43	394749.77	39.39	Soil	10,680	-0.58
08/25/2021	13:26:38	78767.61	394749.71	39.37	Soil	10,320	-0.84
08/25/2021	13:26:39	78767.90	394749.60	39.37	Soil	12,180	0.47
08/25/2021	13:26:40	78768.02	394749.65	39.36	Soil	11,700	0.13
08/25/2021	13:26:41	78768.04	394749.94	39.42	Soil	11,460	-0.04
08/25/2021	13:26:42	78768.01	394750.14	39.42	Soil	12,600	0.76
08/25/2021	13:26:43	78767.93	394750.19	39.37	Soil	10,920	-0.41
08/25/2021	13:26:44	78768.01	394750.03	39.32	Soil	11,640	0.09
08/25/2021	13:26:45	78768.08	394749.68	39.33	Soil	11,160	-0.25
08/25/2021	13:26:46	78768.09	394749.41	39.34	Soil	12,060	0.39
08/25/2021	13:26:47	78768.11	394749.27	39.34	Soil	12,780	0.89
08/25/2021	13:26:48	78768.15	394749.30	39.34	Soil	10,620	-0.62
08/25/2021	13:26:49	78768.21	394749.34	39.36	Soil	11,880	0.26
08/25/2021	13:26:50	78768.32	394749.46	39.36	Soil	11,640	0.09
08/25/2021	13:26:51	78768.32	394749.90	39.40	Soil	10,980	-0.37
08/25/2021	13:26:52	78768.27	394750.07	39.40	Soil	10,500	-0.71
08/25/2021	13:26:53	78768.22	394750.13	39.40	Soil	13,680	1.52
08/25/2021	13:26:54	78768.20	394750.04	39.35	Soil	13,200	1.19
08/25/2021	13:26:55	78768.36	394749.71	39.35	Soil	11,460	-0.04
08/25/2021	13:26:56	78768.40	394749.42	39.36	Soil	11,520	0.01
08/25/2021	13:26:57	78768.39	394749.25	39.37	Soil	11,160	-0.25
08/25/2021	13:26:58	78768.39	394749.19	39.37	Soil	10,860	-0.46
08/25/2021	13:26:59	78768.29	394749.19	39.36	Soil	12,840	0.93
08/25/2021	13:27:00	78768.32	394749.14	39.36	Soil	11,040	-0.33
08/25/2021	13:27:01	78768.25	394749.26	39.39	Soil	12,660	0.81
08/25/2021	13:27:02	78768.18	394749.26	39.40	Soil	12,000	0.34
08/25/2021	13:27:03	78768.05	394749.21	39.41	Soil	9,840	-1.17
08/25/2021	13:27:04	78768.07	394749.22	39.41	Soil	10,260	-0.88
08/25/2021	13:27:05	78768.16	394749.14	39.36	Soil	10,800	-0.50
08/25/2021	13:27:06	78768.45	394749.27	39.33	Soil	12,120	0.43

SU 7D GWS RESULTS
(SOIL)

08/25/2021	13:27:07	78768.49	394749.67	39.31	Soil	10,680	-0.58
08/25/2021	13:27:08	78768.53	394749.85	39.32	Soil	11,880	0.26
08/25/2021	13:27:09	78768.37	394750.04	39.32	Soil	10,500	-0.71
08/25/2021	13:27:10	78768.26	394749.98	39.32	Soil	11,940	0.30
08/25/2021	13:27:11	78768.47	394749.86	39.30	Soil	11,040	-0.33
08/25/2021	13:27:12	78768.78	394749.42	39.29	Soil	11,640	0.09
08/25/2021	13:27:13	78768.82	394749.23	39.28	Soil	11,580	0.05
08/25/2021	13:27:14	78768.84	394749.34	39.28	Soil	10,800	-0.50
08/25/2021	13:27:15	78768.78	394749.11	39.22	Soil	11,400	-0.08
08/25/2021	13:27:16	78768.79	394749.21	39.21	Soil	12,240	0.51
08/25/2021	13:27:17	78768.83	394749.24	39.21	Soil	11,700	0.13
08/25/2021	13:27:18	78768.82	394749.26	39.21	Soil	13,560	1.44
08/25/2021	13:27:19	78768.84	394749.24	39.19	Soil	11,820	0.22
08/25/2021	13:27:19	78768.85	394749.04	39.19	Soil	12,780	0.89
08/25/2021	13:27:21	78768.83	394749.22	39.19	Soil	11,880	0.26
08/25/2021	13:27:22	78768.89	394749.46	39.19	Soil	10,380	-0.79
08/25/2021	13:27:22	78768.82	394749.66	39.18	Soil	11,520	0.01
08/25/2021	13:27:23	78768.68	394749.69	39.23	Soil	12,420	0.64
08/25/2021	13:27:24	78768.64	394749.82	39.19	Soil	10,320	-0.84
08/25/2021	13:27:25	78768.73	394749.59	39.25	Soil	10,620	-0.62
08/25/2021	13:27:26	78768.86	394749.55	39.24	Soil	10,920	-0.41
08/25/2021	13:27:28	78768.88	394749.24	39.25	Soil	11,340	-0.12
08/25/2021	13:27:28	78768.93	394749.10	39.25	Soil	13,500	1.40
08/25/2021	13:27:29	78768.90	394749.09	39.28	Soil	11,340	-0.12
08/25/2021	13:27:31	78768.90	394748.81	39.35	Soil	10,980	-0.37
08/25/2021	13:27:32	78768.84	394748.72	39.38	Soil	11,580	0.05
08/25/2021	13:27:32	78768.94	394748.80	39.35	Soil	12,780	0.89
08/25/2021	13:27:33	78768.95	394749.00	39.35	Soil	10,200	-0.92
08/25/2021	13:27:34	78768.97	394748.96	39.36	Soil	12,060	0.39
08/25/2021	13:27:35	78768.95	394749.07	39.37	Soil	11,280	-0.16
08/25/2021	13:27:36	78768.97	394748.83	39.37	Soil	12,900	0.98
08/25/2021	13:27:37	78769.02	394749.18	39.39	Soil	10,260	-0.88
08/25/2021	13:27:38	78768.63	394749.33	39.39	Soil	9,660	-1.30
08/25/2021	13:27:39	78768.48	394748.96	39.39	Soil	11,280	-0.16
08/25/2021	13:27:40	78768.47	394749.06	39.40	Soil	10,680	-0.58
08/25/2021	13:27:41	78768.68	394749.22	39.34	Soil	13,020	1.06
08/25/2021	13:27:42	78769.00	394749.33	39.31	Soil	13,380	1.31
08/25/2021	13:27:43	78769.39	394749.25	39.29	Soil	10,920	-0.41
08/25/2021	13:27:44	78769.61	394749.07	39.25	Soil	10,200	-0.92
08/25/2021	13:27:45	78769.57	394749.45	39.25	Soil	11,460	-0.04
08/25/2021	13:27:46	78769.47	394749.56	39.34	Soil	9,840	-1.17
08/25/2021	13:27:47	78769.42	394749.72	39.36	Soil	10,740	-0.54
08/25/2021	13:27:49	78769.23	394749.60	39.38	Soil	11,940	0.30
08/25/2021	13:27:49	78769.12	394749.71	39.36	Soil	11,580	0.05
08/25/2021	13:27:50	78769.17	394749.85	39.36	Soil	15,120	2.53
08/25/2021	13:27:51	78769.15	394749.62	39.32	Soil	13,560	1.44
08/25/2021	13:27:52	78769.25	394749.31	39.35	Soil	10,440	-0.75
08/25/2021	13:27:53	78769.16	394749.23	39.32	Soil	10,560	-0.67
08/25/2021	13:27:54	78768.99	394748.96	39.33	Soil	10,860	-0.46
08/25/2021	13:27:55	78769.07	394748.83	39.33	Soil	11,400	-0.08
08/25/2021	13:27:56	78769.07	394748.84	39.28	Soil	13,200	1.19

SU 7D GWS RESULTS
(SOIL)

08/25/2021	13:27:57	78769.22	394748.88	39.28	Soil	12,120	0.43
08/25/2021	13:27:58	78769.29	394748.83	39.26	Soil	13,680	1.52
08/25/2021	13:27:59	78769.36	394748.69	39.26	Soil	10,980	-0.37
08/25/2021	13:28:00	78769.36	394748.79	39.24	Soil	11,460	-0.04
08/25/2021	13:28:01	78769.37	394748.91	39.24	Soil	11,100	-0.29
08/25/2021	13:28:02	78769.32	394749.10	39.24	Soil	11,760	0.18
08/25/2021	13:28:03	78769.26	394749.23	39.20	Soil	10,740	-0.54
08/25/2021	13:28:04	78769.26	394749.39	39.27	Soil	11,280	-0.16
08/25/2021	13:28:05	78769.11	394749.42	39.27	Soil	11,100	-0.29
08/25/2021	13:28:06	78769.35	394749.38	39.22	Soil	12,360	0.60
08/25/2021	13:28:07	78769.62	394749.12	39.22	Soil	10,380	-0.79
08/25/2021	13:28:08	78769.79	394749.02	39.22	Soil	12,840	0.93
08/25/2021	13:28:09	78769.95	394748.76	39.18	Soil	10,680	-0.58
08/25/2021	13:28:10	78770.01	394749.00	39.11	Soil	10,560	-0.67
08/25/2021	13:28:11	78769.97	394749.12	39.11	Soil	13,320	1.27
08/25/2021	13:28:12	78769.97	394749.15	39.11	Soil	12,180	0.47
08/25/2021	13:28:13	78769.95	394749.16	39.10	Soil	13,740	1.56
08/25/2021	13:28:14	78770.06	394749.19	39.13	Soil	10,620	-0.62
08/25/2021	13:28:15	78769.97	394749.18	39.12	Soil	11,760	0.18
08/25/2021	13:28:16	78770.05	394749.15	39.10	Soil	11,880	0.26
08/25/2021	13:28:17	78770.19	394748.89	39.12	Soil	11,640	0.09
08/25/2021	13:28:18	78770.31	394748.67	39.11	Soil	12,540	0.72
08/25/2021	13:28:19	78770.39	394748.94	39.11	Soil	12,660	0.81
08/25/2021	13:28:20	78770.22	394749.04	39.12	Soil	14,220	1.90
08/25/2021	13:28:22	78770.27	394749.00	39.15	Soil	11,100	-0.29
08/25/2021	13:28:23	78770.26	394749.00	39.15	Soil	11,640	0.09
08/25/2021	13:28:24	78770.39	394748.82	39.18	Soil	12,780	0.89
08/25/2021	13:28:25	78770.33	394748.76	39.17	Soil	10,500	-0.71
08/25/2021	13:28:26	78770.38	394748.93	39.17	Soil	11,280	-0.16
08/25/2021	13:28:27	78770.24	394748.83	39.17	Soil	11,580	0.05
08/25/2021	13:28:27	78770.32	394748.93	39.16	Soil	13,800	1.61
08/25/2021	13:28:28	78770.17	394748.95	39.18	Soil	12,840	0.93
08/25/2021	13:28:30	78770.31	394748.88	39.20	Soil	12,420	0.64
08/25/2021	13:28:31	78770.33	394749.05	39.20	Soil	11,940	0.30
08/25/2021	13:28:32	78770.33	394748.99	39.20	Soil	11,460	-0.04
08/25/2021	13:28:32	78770.35	394748.83	39.16	Soil	14,280	1.94
08/25/2021	13:28:34	78770.31	394749.13	39.21	Soil	12,840	0.93
08/25/2021	13:28:35	78770.26	394749.28	39.25	Soil	13,740	1.56
08/25/2021	13:28:36	78770.13	394749.20	39.25	Soil	11,580	0.05
08/25/2021	13:28:37	78769.87	394749.21	39.26	Soil	11,760	0.18
08/25/2021	13:28:38	78769.72	394749.17	39.24	Soil	10,920	-0.41
08/25/2021	13:28:39	78769.81	394749.27	39.20	Soil	10,380	-0.79
08/25/2021	13:28:40	78769.91	394749.26	39.20	Soil	10,920	-0.41
08/25/2021	13:28:41	78769.94	394749.23	39.15	Soil	11,580	0.05
08/25/2021	13:28:42	78770.11	394749.18	39.15	Soil	12,540	0.72
08/25/2021	13:28:43	78770.39	394749.02	39.15	Soil	11,040	-0.33
08/25/2021	13:28:44	78770.47	394748.84	39.15	Soil	10,140	-0.96
08/25/2021	13:28:45	78770.63	394748.87	39.15	Soil	12,120	0.43
08/25/2021	13:28:45	78770.64	394748.70	39.15	Soil	12,360	0.60
08/25/2021	13:28:47	78770.50	394748.58	39.14	Soil	11,220	-0.20
08/25/2021	13:28:48	78770.64	394748.58	39.14	Soil	9,900	-1.13

SU 7D GWS RESULTS
(SOIL)

08/25/2021	13:28:48	78770.57	394748.53	39.14	Soil	12,420	0.64
08/25/2021	13:28:49	78770.49	394748.27	39.14	Soil	11,520	0.01
08/25/2021	13:28:50	78770.51	394748.26	39.16	Soil	11,820	0.22
08/25/2021	13:28:52	78770.44	394748.29	39.11	Soil	9,600	-1.34
08/25/2021	13:28:53	78770.51	394748.54	39.13	Soil	10,260	-0.88
08/25/2021	13:28:54	78770.43	394748.79	39.14	Soil	10,920	-0.41
08/25/2021	13:28:55	78770.58	394748.57	39.12	Soil	12,540	0.72
08/25/2021	13:28:56	78770.92	394748.63	39.15	Soil	11,640	0.09
08/25/2021	13:28:57	78771.07	394748.42	39.15	Soil	12,480	0.68
08/25/2021	13:28:57	78771.03	394748.32	39.09	Soil	11,820	0.22
08/25/2021	13:28:59	78771.09	394748.27	39.09	Soil	13,200	1.19
08/25/2021	13:28:59	78770.98	394748.01	39.12	Soil	12,000	0.34
08/25/2021	13:29:00	78770.95	394747.83	39.19	Soil	12,480	0.68
08/25/2021	13:29:01	78771.02	394748.05	39.14	Soil	9,840	-1.17
08/25/2021	13:29:02	78771.06	394748.48	39.15	Soil	11,580	0.05
08/25/2021	13:29:04	78771.04	394748.39	39.13	Soil	13,800	1.61
08/25/2021	13:29:04	78771.12	394748.12	39.10	Soil	11,220	-0.20
08/25/2021	13:29:05	78771.03	394748.37	39.10	Soil	11,400	-0.08
08/25/2021	13:29:06	78770.98	394748.38	39.08	Soil	12,900	0.98
08/25/2021	13:29:07	78771.03	394748.25	39.08	Soil	10,800	-0.50
08/25/2021	13:29:08	78771.03	394747.84	39.14	Soil	11,100	-0.29
08/25/2021	13:29:10	78771.30	394748.25	39.15	Soil	12,600	0.76
08/25/2021	13:29:10	78771.20	394748.34	39.14	Soil	14,340	1.99
08/25/2021	13:29:12	78771.13	394748.24	39.13	Soil	12,240	0.51
08/25/2021	13:29:13	78771.11	394748.26	39.14	Soil	12,960	1.02
08/25/2021	13:29:13	78771.09	394748.24	39.13	Soil	12,780	0.89
08/25/2021	13:29:14	78771.08	394748.29	39.14	Soil	12,060	0.39
08/25/2021	13:29:16	78771.05	394748.08	39.13	Soil	12,540	0.72
08/25/2021	13:29:16	78771.11	394747.71	39.20	Soil	13,440	1.35
08/25/2021	13:29:17	78771.14	394747.67	39.20	Soil	14,460	2.07
08/25/2021	13:29:19	78771.31	394747.89	39.15	Soil	13,020	1.06
08/25/2021	13:29:20	78771.45	394748.15	39.15	Soil	12,720	0.85
08/25/2021	13:29:20	78771.36	394747.96	39.16	Soil	12,180	0.47
08/25/2021	13:29:21	78771.34	394747.80	39.17	Soil	13,560	1.44
08/25/2021	13:29:22	78771.42	394747.76	39.15	Soil	11,280	-0.16
08/25/2021	13:29:24	78771.61	394748.04	39.15	Soil	13,680	1.52
08/25/2021	13:29:24	78771.53	394747.75	39.16	Soil	12,360	0.60
08/25/2021	13:29:26	78771.73	394747.75	39.23	Soil	12,660	0.81
08/25/2021	13:29:52	78771.54	394747.56	39.14	Soil	12,600	0.76
08/25/2021	13:29:53	78771.59	394747.53	39.15	Soil	10,440	-0.75
08/25/2021	13:29:54	78771.64	394747.34	39.19	Soil	10,800	-0.50
08/25/2021	13:29:55	78771.79	394747.47	39.17	Soil	11,940	0.30
08/25/2021	13:29:56	78771.98	394747.67	39.23	Soil	14,580	2.15
08/25/2021	13:29:57	78772.01	394747.60	39.19	Soil	11,940	0.30
08/25/2021	13:29:58	78771.88	394747.18	39.16	Soil	12,900	0.98
08/25/2021	13:29:59	78771.90	394747.00	39.12	Soil	11,460	-0.04
08/25/2021	13:30:00	78771.98	394747.01	39.02	Soil	12,180	0.47
08/25/2021	13:30:01	78772.34	394747.29	38.97	Soil	12,360	0.60
08/25/2021	13:30:02	78772.28	394747.22	38.91	Soil	10,500	-0.71
08/25/2021	13:30:03	78772.22	394746.89	38.93	Soil	11,580	0.05
08/25/2021	13:30:04	78772.40	394746.89	38.85	Soil	11,040	-0.33

SU 7D GWS RESULTS
(SOIL)

08/25/2021	13:30:05	78772.68	394747.13	38.86	Soil	11,040	-0.33
08/25/2021	13:30:06	78772.47	394746.79	38.76	Soil	12,720	0.85
08/25/2021	13:30:08	78772.76	394746.80	38.71	Soil	13,380	1.31
08/25/2021	13:30:08	78772.89	394746.76	38.71	Soil	12,120	0.43
08/25/2021	13:30:09	78772.91	394746.70	38.69	Soil	11,640	0.09
08/25/2021	16:59:56	78765.11	394749.95	39.41	Soil	12,660	0.81
08/25/2021	16:59:57	78765.10	394749.87	39.32	Soil	10,380	-0.79
08/25/2021	16:59:58	78765.13	394749.95	39.28	Soil	12,120	0.43
08/25/2021	16:59:59	78765.07	394750.02	39.22	Soil	11,220	-0.20
08/25/2021	17:00:00	78765.09	394750.08	39.29	Soil	11,580	0.05
08/25/2021	17:00:01	78765.27	394750.29	39.22	Soil	11,400	-0.08
08/25/2021	17:00:02	78765.38	394750.53	39.23	Soil	10,320	-0.84
08/25/2021	17:00:03	78765.52	394750.41	39.31	Soil	10,500	-0.71
08/25/2021	17:00:04	78765.76	394750.62	39.30	Soil	12,960	1.02
08/25/2021	17:00:05	78766.10	394750.22	39.31	Soil	10,800	-0.50
08/25/2021	17:00:06	78766.19	394749.97	39.32	Soil	12,240	0.51
08/25/2021	17:00:07	78766.20	394749.90	39.36	Soil	11,880	0.26
08/25/2021	17:00:08	78766.19	394750.01	39.39	Soil	14,100	1.82
08/25/2021	17:00:09	78766.09	394750.21	39.41	Soil	13,320	1.27
08/25/2021	17:00:10	78765.97	394750.38	39.40	Soil	10,800	-0.50
08/25/2021	17:00:11	78765.90	394750.51	39.44	Soil	13,560	1.44
08/25/2021	17:00:12	78765.85	394750.65	39.48	Soil	10,800	-0.50
08/25/2021	17:00:13	78765.89	394750.71	39.48	Soil	12,540	0.72
08/25/2021	17:00:14	78766.11	394750.58	39.52	Soil	12,060	0.39
08/25/2021	17:00:15	78766.32	394750.39	39.50	Soil	10,620	-0.62
08/25/2021	17:00:16	78766.44	394750.33	39.53	Soil	10,080	-1.00
08/25/2021	17:00:17	78766.52	394750.16	39.54	Soil	11,640	0.09
08/25/2021	17:00:18	78766.54	394750.03	39.56	Soil	11,220	-0.20
08/25/2021	17:00:19	78766.53	394750.14	39.57	Soil	12,120	0.43
08/25/2021	17:00:20	78766.51	394750.42	39.52	Soil	9,540	-1.38
08/25/2021	17:00:21	78766.35	394750.64	39.51	Soil	9,240	-1.59
08/25/2021	17:00:22	78766.25	394750.74	39.53	Soil	11,580	0.05
08/25/2021	17:00:23	78766.19	394750.90	39.51	Soil	12,000	0.34
08/25/2021	17:00:24	78766.35	394750.88	39.50	Soil	12,720	0.85
08/25/2021	17:00:25	78766.60	394750.76	39.46	Soil	13,080	1.10
08/25/2021	17:00:26	78766.76	394750.66	39.39	Soil	12,600	0.76
08/25/2021	17:00:27	78766.94	394750.45	39.41	Soil	11,280	-0.16
08/25/2021	17:00:28	78767.09	394750.22	39.40	Soil	10,860	-0.46
08/25/2021	17:00:29	78767.14	394750.17	39.43	Soil	11,880	0.26
08/25/2021	17:00:30	78767.16	394750.17	39.39	Soil	12,240	0.51
08/25/2021	17:00:31	78767.05	394750.41	39.35	Soil	10,740	-0.54
08/25/2021	17:00:32	78767.10	394750.46	39.39	Soil	10,980	-0.37
08/25/2021	17:00:33	78767.28	394750.11	39.35	Soil	9,540	-1.38
08/25/2021	17:00:34	78767.43	394750.33	39.37	Soil	11,820	0.22
08/25/2021	17:00:35	78767.59	394750.25	39.40	Soil	10,140	-0.96
08/25/2021	17:00:36	78767.71	394750.06	39.38	Soil	9,300	-1.55
08/25/2021	17:00:37	78767.83	394750.02	39.39	Soil	11,220	-0.20
08/25/2021	17:00:38	78768.08	394750.29	39.40	Soil	12,540	0.72
08/25/2021	17:00:39	78768.24	394750.34	39.43	Soil	11,220	-0.20
08/25/2021	17:00:40	78768.49	394750.45	39.43	Soil	11,760	0.18
08/25/2021	17:00:41	78768.61	394750.50	39.48	Soil	12,900	0.98

SU 7D GWS RESULTS
(SOIL)

08/25/2021	17:00:42	78768.76	394750.06	39.48	Soil	12,240	0.51
08/25/2021	17:00:43	78769.01	394750.12	39.51	Soil	12,180	0.47
08/25/2021	17:00:44	78769.20	394750.29	39.54	Soil	11,760	0.18
08/25/2021	17:00:45	78769.22	394749.82	39.56	Soil	11,040	-0.33
08/25/2021	17:00:46	78769.38	394749.81	39.59	Soil	13,020	1.06
08/25/2021	17:00:47	78769.57	394749.93	39.60	Soil	12,120	0.43
08/25/2021	17:00:48	78769.49	394750.14	39.62	Soil	13,200	1.19
08/25/2021	17:00:49	78769.02	394750.12	39.67	Soil	12,660	0.81
08/25/2021	17:00:50	78768.99	394749.91	39.71	Soil	11,940	0.30
08/25/2021	17:00:51	78769.05	394749.70	39.70	Soil	12,240	0.51
08/25/2021	17:00:52	78768.96	394749.93	39.69	Soil	13,080	1.10
08/25/2021	17:00:53	78768.78	394749.73	39.68	Soil	11,040	-0.33
08/25/2021	17:00:54	78768.62	394749.84	39.69	Soil	10,920	-0.41
08/25/2021	17:00:55	78768.46	394749.86	39.69	Soil	11,220	-0.20
08/25/2021	17:00:56	78768.35	394749.66	39.71	Soil	11,220	-0.20
08/25/2021	17:00:57	78768.08	394749.94	39.69	Soil	12,360	0.60
08/25/2021	17:00:58	78767.85	394749.75	39.69	Soil	10,440	-0.75
08/25/2021	17:00:59	78767.67	394749.97	39.74	Soil	12,240	0.51
08/25/2021	17:01:00	78767.34	394750.15	39.74	Soil	10,320	-0.84
08/25/2021	17:01:01	78767.17	394750.37	39.78	Soil	11,040	-0.33
08/25/2021	17:01:02	78767.07	394750.45	39.83	Soil	11,880	0.26
08/25/2021	17:01:03	78766.78	394750.41	39.88	Soil	12,780	0.89
08/25/2021	17:01:04	78766.68	394750.63	39.89	Soil	10,980	-0.37
08/25/2021	17:01:05	78766.47	394750.63	39.92	Soil	11,460	-0.04
08/25/2021	17:01:06	78766.49	394750.94	39.89	Soil	11,880	0.26
08/25/2021	17:01:07	78766.38	394751.08	39.95	Soil	9,240	-1.59
08/25/2021	17:01:08	78766.63	394751.11	39.97	Soil	12,000	0.34
08/25/2021	17:01:09	78766.49	394751.16	40.03	Soil	11,700	0.13
08/25/2021	17:01:10	78766.45	394750.94	40.02	Soil	12,300	0.55
08/25/2021	17:01:11	78766.21	394751.05	40.06	Soil	11,940	0.30
08/25/2021	17:01:12	78766.20	394750.91	40.08	Soil	10,140	-0.96
08/25/2021	17:01:13	78766.13	394750.88	40.10	Soil	11,340	-0.12
08/25/2021	17:01:14	78766.08	394751.20	40.08	Soil	12,780	0.89
08/25/2021	17:01:15	78766.10	394751.06	40.08	Soil	11,280	-0.16
08/25/2021	17:01:16	78766.09	394750.84	40.10	Soil	12,600	0.76
08/25/2021	17:01:17	78766.09	394750.77	40.12	Soil	12,900	0.98
08/25/2021	17:01:18	78766.02	394751.27	40.08	Soil	11,280	-0.16
08/25/2021	17:01:19	78765.80	394751.40	40.11	Soil	12,840	0.93
08/25/2021	17:01:20	78765.81	394751.05	40.15	Soil	9,900	-1.13
08/25/2021	17:01:21	78765.77	394750.63	40.16	Soil	12,060	0.39
08/25/2021	17:01:22	78765.69	394750.45	40.19	Soil	11,700	0.13
08/25/2021	17:01:23	78765.84	394750.69	40.19	Soil	10,560	-0.67
08/25/2021	17:01:24	78765.78	394751.11	40.18	Soil	11,640	0.09
08/25/2021	17:01:25	78765.71	394751.38	40.18	Soil	13,380	1.31
08/25/2021	17:01:26	78765.66	394751.29	40.17	Soil	11,640	0.09
08/25/2021	17:01:27	78765.55	394751.10	40.19	Soil	10,740	-0.54
08/25/2021	17:01:28	78765.50	394751.20	40.19	Soil	11,340	-0.12
08/25/2021	17:01:29	78765.42	394751.09	40.21	Soil	11,400	-0.08
08/25/2021	17:01:30	78765.40	394750.92	40.22	Soil	10,440	-0.75
08/25/2021	17:01:31	78765.49	394750.78	40.23	Soil	11,760	0.18
08/25/2021	17:01:32	78765.62	394750.63	40.23	Soil	12,180	0.47

SU 7D GWS RESULTS
(SOIL)

08/25/2021	17:01:33	78765.66	394750.75	40.24	Soil	12,660	0.81
08/25/2021	17:01:34	78765.68	394750.94	40.22	Soil	10,560	-0.67
08/25/2021	17:01:35	78765.67	394750.95	40.25	Soil	11,100	-0.29
08/25/2021	17:01:36	78765.75	394750.67	40.26	Soil	10,200	-0.92
08/25/2021	17:01:37	78765.69	394750.33	40.28	Soil	11,880	0.26
08/25/2021	17:01:38	78765.72	394750.25	40.27	Soil	12,000	0.34
08/25/2021	17:01:39	78765.72	394750.28	40.27	Soil	10,740	-0.54
08/25/2021	17:01:40	78765.66	394750.72	40.19	Soil	11,280	-0.16
08/25/2021	17:01:41	78765.31	394751.04	40.21	Soil	11,700	0.13
08/25/2021	17:01:42	78765.25	394751.27	40.23	Soil	12,000	0.34
08/25/2021	17:01:43	78765.41	394751.57	40.26	Soil	11,940	0.30
08/25/2021	17:01:44	78765.68	394751.73	40.20	Soil	12,480	0.68
08/25/2021	17:01:45	78765.63	394751.83	40.21	Soil	12,480	0.68
08/25/2021	17:01:46	78765.81	394751.84	40.19	Soil	11,220	-0.20
08/25/2021	17:01:47	78765.82	394751.92	40.22	Soil	15,660	2.91
08/25/2021	17:01:48	78765.86	394751.86	40.20	Soil	11,820	0.22
08/25/2021	17:01:49	78765.83	394751.78	40.17	Soil	10,620	-0.62
08/25/2021	17:01:50	78765.83	394751.96	40.15	Soil	11,280	-0.16
08/25/2021	17:01:51	78765.81	394752.12	40.17	Soil	12,360	0.60
08/25/2021	17:01:52	78765.81	394751.93	40.25	Soil	12,000	0.34
08/25/2021	17:01:53	78765.72	394751.61	40.27	Soil	11,040	-0.33
08/25/2021	17:01:54	78765.78	394751.58	40.26	Soil	13,140	1.14
08/25/2021	17:01:55	78765.69	394751.53	40.25	Soil	10,800	-0.50
08/25/2021	17:01:56	78765.69	394751.57	40.23	Soil	12,480	0.68
08/25/2021	17:01:57	78765.73	394751.79	40.24	Soil	11,400	-0.08
08/25/2021	17:01:58	78765.82	394751.62	40.25	Soil	10,200	-0.92
08/25/2021	17:01:59	78766.02	394751.44	40.20	Soil	10,680	-0.58
08/25/2021	17:02:00	78766.14	394751.79	40.19	Soil	11,820	0.22
08/25/2021	17:02:01	78766.16	394751.66	40.26	Soil	10,320	-0.84
08/25/2021	17:02:02	78766.26	394751.25	40.23	Soil	11,640	0.09
08/25/2021	17:02:03	78766.43	394751.49	40.23	Soil	11,400	-0.08
08/25/2021	17:02:04	78766.56	394751.46	40.29	Soil	11,580	0.05
08/25/2021	17:02:05	78766.56	394751.11	40.28	Soil	11,220	-0.20
08/25/2021	17:02:06	78766.69	394751.41	40.27	Soil	12,000	0.34
08/25/2021	17:02:07	78766.73	394751.33	40.29	Soil	12,540	0.72
08/25/2021	17:02:08	78766.76	394751.45	40.25	Soil	10,860	-0.46
08/25/2021	17:02:09	78766.75	394751.42	40.27	Soil	11,400	-0.08
08/25/2021	17:02:10	78766.89	394751.21	40.23	Soil	11,460	-0.04
08/25/2021	17:02:11	78766.98	394751.41	40.23	Soil	12,300	0.55
08/25/2021	17:02:12	78767.05	394751.21	40.26	Soil	10,740	-0.54
08/25/2021	17:02:13	78767.02	394750.79	40.27	Soil	12,240	0.51
08/25/2021	17:02:14	78767.01	394750.66	40.27	Soil	10,440	-0.75
08/25/2021	17:02:15	78767.05	394750.66	40.26	Soil	11,580	0.05
08/25/2021	17:02:16	78767.13	394750.83	40.22	Soil	12,540	0.72
08/25/2021	17:02:17	78767.18	394751.18	40.23	Soil	12,120	0.43
08/25/2021	17:02:18	78767.24	394751.33	40.22	Soil	10,200	-0.92
08/25/2021	17:02:19	78767.47	394751.19	40.19	Soil	11,100	-0.29
08/25/2021	17:02:20	78767.57	394751.37	40.18	Soil	10,200	-0.92
08/25/2021	17:02:21	78767.58	394751.30	40.20	Soil	10,740	-0.54
08/25/2021	17:02:22	78767.62	394751.10	40.22	Soil	13,080	1.10
08/25/2021	17:02:23	78767.63	394750.89	40.23	Soil	13,320	1.27

SU 7D GWS RESULTS
(SOIL)

08/25/2021	17:02:24	78767.80	394750.92	40.25	Soil	10,740	-0.54
08/25/2021	17:02:25	78767.78	394750.83	40.30	Soil	11,640	0.09
08/25/2021	17:02:26	78767.69	394750.74	40.32	Soil	10,440	-0.75
08/25/2021	17:02:27	78767.60	394750.64	40.32	Soil	11,760	0.18
08/25/2021	17:02:28	78767.68	394750.65	40.35	Soil	12,180	0.47
08/25/2021	17:02:29	78767.75	394750.81	40.33	Soil	12,840	0.93
08/25/2021	17:02:30	78767.65	394750.93	40.34	Soil	11,640	0.09
08/25/2021	17:02:31	78767.45	394751.23	40.35	Soil	10,320	-0.84
08/25/2021	17:02:32	78767.39	394751.28	40.35	Soil	10,080	-1.00
08/25/2021	17:02:33	78767.30	394751.13	40.38	Soil	11,220	-0.20
08/25/2021	17:02:34	78767.23	394751.10	40.39	Soil	9,780	-1.21
08/25/2021	17:02:35	78767.17	394750.93	40.40	Soil	9,240	-1.59
08/25/2021	17:02:36	78767.15	394750.83	40.38	Soil	13,140	1.14
08/25/2021	17:02:37	78767.15	394750.77	40.38	Soil	11,820	0.22
08/25/2021	17:02:38	78767.17	394750.77	40.39	Soil	11,640	0.09
08/25/2021	17:02:39	78767.27	394750.79	40.39	Soil	10,380	-0.79
08/25/2021	17:02:40	78767.35	394750.75	40.37	Soil	11,220	-0.20
08/25/2021	17:02:41	78767.37	394750.72	40.35	Soil	14,160	1.86
08/25/2021	17:02:42	78767.34	394750.68	40.34	Soil	10,860	-0.46
08/25/2021	17:02:43	78767.30	394750.68	40.32	Soil	10,140	-0.96
08/25/2021	17:02:44	78767.29	394750.67	40.32	Soil	12,240	0.51
08/25/2021	17:02:45	78767.38	394750.89	40.31	Soil	12,780	0.89
08/25/2021	17:02:46	78767.58	394751.19	40.28	Soil	11,340	-0.12
08/25/2021	17:02:47	78767.80	394751.29	40.27	Soil	12,120	0.43
08/25/2021	17:02:48	78767.93	394751.23	40.21	Soil	11,580	0.05
08/25/2021	17:02:49	78768.07	394751.21	40.18	Soil	11,940	0.30
08/25/2021	17:02:50	78768.24	394751.15	40.17	Soil	10,500	-0.71
08/25/2021	17:02:51	78768.25	394750.84	40.20	Soil	12,120	0.43
08/25/2021	17:02:52	78768.44	394750.69	40.20	Soil	10,800	-0.50
08/25/2021	17:02:53	78768.43	394750.78	40.18	Soil	12,420	0.64
08/25/2021	17:02:54	78768.41	394750.63	40.20	Soil	13,620	1.48
08/25/2021	17:02:55	78768.37	394750.91	40.15	Soil	11,040	-0.33
08/25/2021	17:02:56	78768.31	394751.03	40.20	Soil	11,760	0.18
08/25/2021	17:02:57	78768.24	394750.68	40.19	Soil	11,280	-0.16
08/25/2021	17:02:58	78768.23	394750.46	40.21	Soil	13,140	1.14
08/25/2021	17:02:59	78768.10	394750.86	40.23	Soil	11,940	0.30
08/25/2021	17:03:00	78768.07	394750.72	40.24	Soil	10,920	-0.41
08/25/2021	17:03:01	78767.99	394750.33	40.22	Soil	11,100	-0.29
08/25/2021	17:03:02	78767.96	394750.49	40.24	Soil	11,340	-0.12
08/25/2021	17:03:03	78767.83	394751.01	40.29	Soil	9,780	-1.21
08/25/2021	17:03:04	78767.86	394750.79	40.25	Soil	9,900	-1.13
08/25/2021	17:03:05	78767.75	394750.44	40.25	Soil	10,680	-0.58
08/25/2021	17:03:06	78767.70	394750.59	40.25	Soil	9,480	-1.42
08/25/2021	17:03:07	78767.62	394750.95	40.24	Soil	10,320	-0.84
08/25/2021	17:03:08	78767.75	394750.64	40.19	Soil	11,760	0.18
08/25/2021	17:03:09	78768.00	394750.53	40.16	Soil	11,400	-0.08
08/25/2021	17:03:10	78768.14	394750.69	40.14	Soil	10,860	-0.46
08/25/2021	17:03:11	78768.47	394750.47	40.14	Soil	11,760	0.18
08/25/2021	17:03:12	78768.65	394750.49	40.13	Soil	10,560	-0.67
08/25/2021	17:03:13	78768.75	394750.21	40.11	Soil	12,960	1.02
08/25/2021	17:03:14	78769.00	394750.30	40.10	Soil	12,540	0.72

SU 7D GWS RESULTS
(SOIL)

08/25/2021	17:03:15	78768.97	394750.19	40.11	Soil	12,480	0.68
08/25/2021	17:03:16	78768.98	394750.19	40.09	Soil	9,720	-1.26
08/25/2021	17:03:17	78768.94	394750.16	40.08	Soil	11,400	-0.08
08/25/2021	17:03:18	78768.92	394750.20	40.08	Soil	11,760	0.18
08/25/2021	17:03:19	78768.90	394750.20	40.05	Soil	10,980	-0.37
08/25/2021	17:03:20	78768.79	394750.15	40.08	Soil	10,740	-0.54
08/25/2021	17:03:21	78768.79	394750.28	40.12	Soil	11,400	-0.08
08/25/2021	17:03:22	78768.61	394750.57	40.13	Soil	10,140	-0.96
08/25/2021	17:03:23	78768.53	394750.68	40.10	Soil	9,840	-1.17
08/25/2021	17:03:24	78768.73	394750.60	40.13	Soil	10,980	-0.37
08/25/2021	17:03:25	78768.92	394750.34	40.12	Soil	9,960	-1.09
08/25/2021	17:03:26	78768.78	394750.03	40.04	Soil	12,780	0.89
08/25/2021	17:03:27	78768.56	394749.98	39.99	Soil	10,980	-0.37
08/25/2021	17:03:28	78768.57	394750.06	39.93	Soil	12,600	0.76
08/25/2021	17:03:29	78768.59	394750.09	39.93	Soil	10,920	-0.41
08/25/2021	17:03:30	78768.86	394750.33	39.90	Soil	11,340	-0.12
08/25/2021	17:03:31	78769.01	394750.44	39.89	Soil	10,800	-0.50
08/25/2021	17:03:32	78769.22	394750.47	39.91	Soil	11,940	0.30
08/25/2021	17:03:33	78769.40	394750.14	39.89	Soil	10,680	-0.58
08/25/2021	17:03:34	78769.56	394749.84	39.88	Soil	10,680	-0.58
08/25/2021	17:03:35	78769.79	394749.98	39.90	Soil	11,760	0.18
08/25/2021	17:03:36	78769.89	394749.76	39.90	Soil	12,840	0.93
08/25/2021	17:03:37	78769.88	394749.54	39.88	Soil	13,440	1.35
08/25/2021	17:03:38	78770.10	394749.77	39.88	Soil	11,400	-0.08
08/25/2021	17:03:39	78770.14	394749.73	39.89	Soil	12,600	0.76
08/25/2021	17:03:40	78770.13	394749.70	39.91	Soil	11,700	0.13
08/25/2021	17:03:41	78770.08	394749.86	39.96	Soil	10,380	-0.79
08/25/2021	17:03:42	78769.85	394749.65	39.96	Soil	10,860	-0.46
08/25/2021	17:03:43	78769.71	394750.12	39.96	Soil	12,480	0.68
08/25/2021	17:03:44	78769.63	394749.98	39.98	Soil	11,880	0.26
08/25/2021	17:03:45	78769.53	394749.92	39.96	Soil	11,160	-0.25
08/25/2021	17:03:46	78769.37	394750.29	40.03	Soil	11,400	-0.08
08/25/2021	17:03:47	78769.23	394750.12	39.95	Soil	10,200	-0.92
08/25/2021	17:03:48	78769.08	394750.12	39.98	Soil	12,000	0.34
08/25/2021	17:03:49	78768.93	394750.46	40.00	Soil	11,340	-0.12
08/25/2021	17:03:50	78768.81	394750.21	39.99	Soil	11,640	0.09
08/25/2021	17:03:51	78768.58	394750.33	39.92	Soil	11,940	0.30
08/25/2021	17:03:52	78768.26	394750.45	39.93	Soil	10,440	-0.75
08/25/2021	17:03:53	78768.17	394750.45	39.94	Soil	9,780	-1.21
08/25/2021	17:03:54	78768.20	394750.48	39.98	Soil	11,340	-0.12
08/25/2021	17:03:55	78768.48	394750.49	39.95	Soil	11,520	0.01
08/25/2021	17:03:56	78768.68	394750.47	39.97	Soil	11,340	-0.12
08/25/2021	17:03:57	78768.90	394750.41	39.92	Soil	10,080	-1.00
08/25/2021	17:03:58	78769.09	394750.47	39.89	Soil	10,980	-0.37
08/25/2021	17:03:59	78769.36	394750.49	39.86	Soil	13,920	1.69
08/25/2021	17:04:00	78769.64	394750.50	39.88	Soil	11,880	0.26
08/25/2021	17:04:01	78769.83	394750.64	39.85	Soil	12,000	0.34
08/25/2021	17:04:02	78770.16	394750.65	39.87	Soil	11,340	-0.12
08/25/2021	17:04:03	78770.35	394750.79	39.87	Soil	11,400	-0.08
08/25/2021	17:04:04	78770.60	394750.66	39.88	Soil	10,620	-0.62
08/25/2021	17:04:05	78770.75	394750.75	39.91	Soil	11,700	0.13

SU 7D GWS RESULTS
(SOIL)

08/25/2021	17:04:06	78770.88	394750.51	39.96	Soil	10,560	-0.67
08/25/2021	17:04:07	78770.90	394750.38	39.96	Soil	11,400	-0.08
08/25/2021	17:04:08	78770.91	394750.43	39.94	Soil	12,960	1.02
08/25/2021	17:04:09	78771.03	394750.62	39.95	Soil	11,580	0.05
08/25/2021	17:04:10	78771.09	394750.73	39.90	Soil	10,920	-0.41
08/25/2021	17:04:11	78771.34	394750.85	39.90	Soil	12,720	0.85
08/25/2021	17:04:12	78771.65	394750.85	39.76	Soil	12,240	0.51
08/25/2021	17:04:13	78772.04	394750.83	39.75	Soil	11,460	-0.04
08/25/2021	17:04:14	78772.28	394750.63	39.73	Soil	12,480	0.68
08/25/2021	17:04:15	78772.40	394750.80	39.75	Soil	10,560	-0.67
08/25/2021	17:04:16	78772.40	394750.93	39.68	Soil	12,120	0.43
08/25/2021	17:04:17	78772.76	394750.78	39.71	Soil	12,660	0.81
08/25/2021	17:04:18	78772.93	394750.99	39.66	Soil	13,020	1.06
08/25/2021	17:04:19	78772.99	394750.93	39.67	Soil	11,100	-0.29
08/25/2021	17:04:20	78773.21	394750.87	39.68	Soil	13,800	1.61
08/25/2021	17:04:21	78773.29	394751.11	39.64	Soil	11,580	0.05
08/25/2021	17:04:22	78773.57	394751.08	39.65	Soil	9,540	-1.38
08/25/2021	17:04:23	78773.58	394751.18	39.62	Soil	11,460	-0.04
08/25/2021	17:04:24	78773.58	394751.33	39.57	Soil	14,640	2.20
08/25/2021	17:04:25	78773.71	394751.30	39.60	Soil	10,680	-0.58
08/25/2021	17:04:26	78773.96	394751.24	39.57	Soil	11,400	-0.08
08/25/2021	17:04:27	78773.97	394751.49	39.50	Soil	10,620	-0.62
08/25/2021	17:04:28	78774.10	394751.45	39.47	Soil	12,420	0.64
08/25/2021	17:04:29	78774.31	394751.56	39.44	Soil	10,560	-0.67
08/25/2021	17:04:30	78774.32	394751.74	39.45	Soil	10,980	-0.37
08/25/2021	17:04:31	78774.58	394751.53	39.40	Soil	12,300	0.55
08/25/2021	17:04:32	78774.65	394751.71	39.35	Soil	12,540	0.72
08/25/2021	17:04:33	78774.78	394751.72	39.32	Soil	11,940	0.30
08/25/2021	17:04:34	78774.95	394751.77	39.26	Soil	12,180	0.47
08/25/2021	17:04:35	78775.09	394751.92	39.19	Soil	11,880	0.26
08/25/2021	17:04:36	78775.31	394751.74	39.20	Soil	12,480	0.68
08/25/2021	17:04:37	78775.44	394751.93	39.17	Soil	10,500	-0.71
08/25/2021	17:04:38	78775.52	394751.85	39.17	Soil	13,800	1.61
08/25/2021	17:04:39	78775.77	394751.85	39.16	Soil	12,660	0.81
08/25/2021	17:04:40	78775.91	394752.00	39.19	Soil	11,880	0.26
08/25/2021	17:06:34	78775.97	394751.79	38.42	Soil	10,680	-0.58
08/25/2021	17:06:35	78775.89	394751.85	38.46	Soil	12,240	0.51
08/25/2021	17:06:56	78778.11	394749.60	38.69	Soil	12,060	0.39
08/25/2021	17:06:57	78777.77	394749.86	38.73	Soil	13,620	1.48
08/25/2021	17:06:58	78777.45	394750.27	38.72	Soil	12,420	0.64
08/25/2021	17:07:00	78776.90	394750.70	38.70	Soil	12,300	0.55
08/25/2021	17:07:01	78776.59	394750.90	38.78	Soil	12,780	0.89
08/25/2021	17:07:03	78775.85	394751.69	38.63	Soil	11,220	-0.20
08/25/2021	17:07:04	78775.69	394751.94	38.66	Soil	12,540	0.72
08/25/2021	17:07:05	78775.67	394752.17	38.65	Soil	10,560	-0.67
08/25/2021	17:07:06	78775.61	394752.14	38.69	Soil	10,920	-0.41
08/25/2021	17:07:07	78775.64	394752.09	38.63	Soil	12,660	0.81
08/25/2021	17:07:08	78775.68	394751.85	38.62	Soil	12,840	0.93
08/25/2021	17:07:09	78775.75	394751.73	38.58	Soil	14,220	1.90
08/25/2021	17:07:10	78775.89	394751.54	38.61	Soil	12,540	0.72
08/25/2021	17:07:11	78775.99	394751.39	38.63	Soil	11,760	0.18

SU 7D GWS RESULTS
(SOIL)

08/25/2021	17:07:12	78776.14	394751.33	38.65	Soil	12,180	0.47
08/25/2021	17:07:13	78776.27	394751.16	38.67	Soil	13,320	1.27
08/25/2021	17:07:14	78776.40	394751.07	38.69	Soil	13,020	1.06
08/25/2021	17:07:15	78776.48	394750.83	38.73	Soil	13,080	1.10
08/25/2021	17:07:16	78776.65	394750.86	38.72	Soil	13,740	1.56
08/25/2021	17:07:17	78776.79	394750.64	38.73	Soil	11,520	0.01
08/25/2021	17:07:18	78776.86	394750.55	38.76	Soil	12,360	0.60
08/25/2021	17:07:19	78777.03	394750.63	38.79	Soil	11,820	0.22
08/25/2021	17:07:20	78777.09	394750.48	38.81	Soil	11,640	0.09
08/25/2021	17:07:21	78777.24	394750.47	38.81	Soil	12,600	0.76
08/25/2021	17:07:22	78777.35	394750.32	38.80	Soil	13,320	1.27
08/25/2021	17:07:24	78777.66	394750.08	38.68	Soil	13,680	1.52
08/25/2021	17:07:25	78777.80	394749.93	38.53	Soil	13,500	1.40
08/25/2021	17:07:26	78777.89	394749.83	38.45	Soil	14,880	2.36
08/25/2021	17:07:27	78777.88	394749.74	38.44	Soil	16,140	3.25
08/25/2021	17:07:28	78777.85	394749.71	38.45	Soil	13,560	1.44
08/25/2021	17:07:29	78777.87	394749.75	38.44	Soil	12,900	0.98
08/25/2021	17:07:30	78777.90	394749.76	38.46	Soil	13,920	1.69
08/25/2021	17:07:31	78778.01	394749.79	38.37	Soil	15,540	2.83
08/25/2021	17:07:32	78777.95	394749.70	38.38	Soil	13,440	1.35
08/25/2021	17:07:33	78777.99	394749.64	38.37	Soil	15,300	2.66
08/25/2021	17:07:34	78778.05	394749.70	38.37	Soil	14,580	2.15
08/25/2021	17:07:35	78778.02	394749.62	38.34	Soil	12,540	0.72
08/25/2021	17:07:36	78778.01	394749.53	38.34	Soil	13,320	1.27
08/25/2021	17:07:37	78778.11	394749.53	38.33	Soil	12,960	1.02
08/25/2021	17:07:38	78778.02	394749.47	38.32	Soil	13,440	1.35
08/25/2021	17:07:39	78777.93	394749.44	38.29	Soil	13,440	1.35
08/25/2021	17:07:40	78777.88	394749.45	38.28	Soil	13,020	1.06
08/25/2021	17:07:41	78777.89	394749.48	38.27	Soil	13,380	1.31
08/25/2021	17:07:42	78777.98	394749.57	38.30	Soil	14,400	2.03
08/25/2021	17:07:43	78778.13	394749.53	38.28	Soil	13,740	1.56
08/25/2021	17:07:44	78778.28	394749.53	38.31	Soil	15,060	2.49
08/25/2021	17:07:45	78778.37	394749.40	38.27	Soil	13,320	1.27
08/25/2021	17:07:46	78778.46	394749.35	38.30	Soil	16,920	3.80
08/25/2021	17:08:02	78778.05	394749.04	38.01	Soil	14,100	1.82
08/25/2021	17:08:03	78777.98	394749.20	37.99	Soil	12,900	0.98
08/25/2021	17:08:04	78777.98	394749.39	38.00	Soil	14,940	2.41
08/25/2021	17:08:05	78777.95	394749.51	38.01	Soil	12,060	0.39
08/25/2021	17:08:06	78777.92	394749.59	38.02	Soil	11,460	-0.04
08/25/2021	17:08:07	78777.91	394749.73	38.07	Soil	15,300	2.66
08/25/2021	17:08:08	78777.89	394749.81	38.09	Soil	13,800	1.61
08/25/2021	17:08:09	78777.81	394749.91	38.11	Soil	12,180	0.47
08/25/2021	17:08:10	78777.75	394750.04	38.16	Soil	13,320	1.27
08/25/2021	17:08:11	78777.67	394750.01	38.18	Soil	14,700	2.24
08/25/2021	17:08:12	78777.62	394750.08	38.21	Soil	16,140	3.25
08/25/2021	17:08:14	78777.56	394750.17	38.22	Soil	16,980	3.84
08/25/2021	17:08:19	78777.64	394750.13	38.19	Soil	14,400	2.03
08/25/2021	17:08:20	78777.63	394750.13	38.18	Soil	15,660	2.91
08/25/2021	17:08:21	78777.62	394750.13	38.18	Soil	14,340	1.99
08/25/2021	17:08:22	78777.62	394750.13	38.17	Soil	16,380	3.42
08/25/2021	17:08:23	78777.62	394750.13	38.17	Soil	15,660	2.91

SU 7D GWS RESULTS
(SOIL)

08/25/2021	17:08:24	78777.61	394750.13	38.17	Soil	15,120	2.53
08/25/2021	17:08:25	78777.60	394750.13	38.18	Soil	13,620	1.48
08/25/2021	17:08:26	78777.59	394750.13	38.20	Soil	14,820	2.32
08/25/2021	17:08:27	78777.57	394750.14	38.21	Soil	14,700	2.24
08/25/2021	17:08:28	78777.54	394750.16	38.19	Soil	14,340	1.99
08/25/2021	17:08:29	78777.53	394750.14	38.18	Soil	15,360	2.70
08/25/2021	17:08:30	78777.53	394750.19	38.16	Soil	15,660	2.91
08/25/2021	17:08:31	78777.54	394750.22	38.15	Soil	13,920	1.69
08/25/2021	17:08:32	78777.55	394750.21	38.18	Soil	14,280	1.94
08/25/2021	17:08:33	78777.47	394750.20	38.22	Soil	14,820	2.32
08/25/2021	17:08:34	78777.39	394750.25	38.21	Soil	16,260	3.33
08/25/2021	17:08:35	78777.41	394750.22	38.32	Soil	13,500	1.40
08/25/2021	17:08:36	78777.40	394750.15	38.48	Soil	13,320	1.27
08/25/2021	17:08:37	78777.36	394749.95	38.53	Soil	13,020	1.06
08/25/2021	17:08:38	78777.18	394749.93	38.51	Soil	14,280	1.94
08/25/2021	17:08:39	78777.20	394750.07	38.55	Soil	14,400	2.03
08/25/2021	17:08:40	78777.19	394750.11	38.53	Soil	10,800	-0.50
08/25/2021	17:08:41	78777.12	394750.26	38.56	Soil	13,320	1.27
08/25/2021	17:08:42	78777.18	394750.31	38.55	Soil	12,060	0.39
08/25/2021	17:08:43	78777.02	394750.47	38.56	Soil	11,880	0.26
08/25/2021	17:08:44	78777.03	394750.46	38.67	Soil	13,260	1.23
08/25/2021	17:08:45	78777.20	394750.28	38.83	Soil	13,680	1.52
08/25/2021	17:08:46	78777.27	394750.03	38.82	Soil	12,600	0.76
08/25/2021	17:08:47	78777.28	394749.82	38.87	Soil	12,180	0.47
08/25/2021	17:08:48	78777.39	394749.57	38.85	Soil	10,920	-0.41
08/25/2021	17:08:49	78777.45	394749.35	38.89	Soil	13,140	1.14
08/25/2021	17:08:50	78777.47	394749.11	38.88	Soil	13,980	1.73
08/25/2021	17:08:51	78777.44	394748.81	38.93	Soil	13,620	1.48
08/25/2021	17:08:52	78777.53	394748.71	38.95	Soil	10,860	-0.46
08/25/2021	17:08:53	78777.55	394748.57	38.97	Soil	11,580	0.05
08/25/2021	17:08:56	78777.67	394748.65	38.97	Soil	12,720	0.85
08/25/2021	17:08:57	78777.65	394748.89	38.94	Soil	12,660	0.81
08/25/2021	17:08:58	78777.60	394748.94	38.91	Soil	12,360	0.60
08/25/2021	17:08:59	78777.70	394749.10	38.91	Soil	12,840	0.93
08/25/2021	17:09:00	78777.58	394749.19	38.85	Soil	11,040	-0.33
08/25/2021	17:09:01	78777.57	394749.29	38.67	Soil	11,520	0.01
08/25/2021	17:09:02	78777.60	394749.37	38.58	Soil	12,000	0.34
08/25/2021	17:09:03	78777.63	394749.38	38.47	Soil	11,640	0.09
08/25/2021	17:09:04	78777.66	394749.31	38.47	Soil	12,360	0.60
08/25/2021	17:09:05	78777.65	394749.35	38.47	Soil	12,660	0.81
08/25/2021	17:09:06	78777.62	394749.44	38.51	Soil	13,200	1.19
08/25/2021	17:09:07	78777.55	394749.53	38.59	Soil	11,880	0.26
08/25/2021	17:09:08	78777.51	394749.59	38.72	Soil	13,080	1.10
08/25/2021	17:09:09	78777.34	394749.57	38.69	Soil	12,840	0.93
08/25/2021	17:09:10	78777.19	394749.70	38.65	Soil	11,580	0.05
08/25/2021	17:09:11	78777.16	394749.72	38.87	Soil	12,900	0.98
08/25/2021	17:09:12	78777.11	394749.69	39.00	Soil	12,900	0.98
08/25/2021	17:09:13	78777.12	394749.63	39.05	Soil	10,620	-0.62
08/25/2021	17:09:14	78777.43	394749.40	39.05	Soil	10,800	-0.50
08/25/2021	17:09:15	78777.47	394749.15	39.09	Soil	14,280	1.94
08/25/2021	17:09:16	78777.28	394748.81	39.14	Soil	11,460	-0.04

SU 7D GWS RESULTS
(SOIL)

08/25/2021	17:09:17	78777.31	394748.73	39.10	Soil	12,660	0.81
08/25/2021	17:09:18	78777.21	394748.57	39.13	Soil	10,980	-0.37
08/25/2021	17:09:19	78776.81	394748.32	39.17	Soil	12,780	0.89
08/25/2021	17:09:20	78776.51	394748.57	39.17	Soil	13,500	1.40
08/25/2021	17:09:21	78776.54	394748.57	39.14	Soil	11,160	-0.25
08/25/2021	17:09:22	78776.49	394748.43	39.13	Soil	12,300	0.55
08/25/2021	17:09:23	78776.58	394748.37	39.11	Soil	11,820	0.22
08/25/2021	17:09:24	78776.79	394748.34	39.12	Soil	11,760	0.18
08/25/2021	17:09:25	78776.87	394748.18	39.11	Soil	11,220	-0.20
08/25/2021	17:09:26	78776.73	394748.09	39.10	Soil	11,760	0.18
08/25/2021	17:09:27	78776.65	394747.91	39.07	Soil	10,320	-0.84
08/25/2021	17:09:28	78776.41	394747.92	39.04	Soil	10,980	-0.37
08/25/2021	17:09:29	78776.23	394747.98	39.05	Soil	9,900	-1.13
08/25/2021	17:09:30	78776.16	394747.85	39.03	Soil	11,760	0.18
08/25/2021	17:09:31	78775.99	394748.01	39.05	Soil	11,760	0.18
08/25/2021	17:09:32	78775.90	394747.86	39.04	Soil	12,300	0.55
08/25/2021	17:09:33	78775.73	394747.85	38.99	Soil	11,100	-0.29
08/25/2021	17:09:34	78775.52	394748.03	38.98	Soil	10,680	-0.58
08/25/2021	17:09:35	78775.48	394747.93	39.00	Soil	9,600	-1.34
08/25/2021	17:09:36	78775.45	394748.00	39.01	Soil	12,360	0.60
08/25/2021	17:09:37	78775.57	394747.77	38.99	Soil	11,580	0.05
08/25/2021	17:09:38	78775.70	394747.54	38.98	Soil	11,880	0.26
08/25/2021	17:09:39	78775.72	394747.52	38.96	Soil	12,120	0.43
08/25/2021	17:09:40	78775.73	394747.53	39.00	Soil	11,520	0.01
08/25/2021	17:09:41	78775.82	394747.58	38.96	Soil	12,180	0.47
08/25/2021	17:09:42	78776.12	394747.66	38.94	Soil	10,200	-0.92
08/25/2021	17:09:43	78776.32	394747.66	38.88	Soil	13,320	1.27
08/25/2021	17:09:44	78776.42	394747.66	38.84	Soil	10,260	-0.88
08/25/2021	17:09:45	78776.43	394747.70	38.82	Soil	11,400	-0.08
08/25/2021	17:09:46	78776.42	394747.73	38.81	Soil	12,000	0.34
08/25/2021	17:09:47	78776.44	394747.75	38.79	Soil	10,500	-0.71
08/25/2021	17:09:48	78776.43	394747.77	38.81	Soil	11,100	-0.29
08/25/2021	17:09:49	78776.36	394747.80	38.81	Soil	9,960	-1.09
08/25/2021	17:09:50	78776.22	394747.92	38.82	Soil	10,200	-0.92
08/25/2021	17:09:51	78776.26	394748.11	38.88	Soil	11,880	0.26
08/25/2021	17:09:52	78776.36	394748.24	38.90	Soil	10,440	-0.75
08/25/2021	17:09:53	78776.42	394748.32	38.91	Soil	9,840	-1.17
08/25/2021	17:09:54	78776.43	394748.38	38.93	Soil	12,060	0.39
08/25/2021	17:09:55	78776.54	394748.48	38.93	Soil	11,340	-0.12
08/25/2021	17:09:56	78776.41	394748.63	38.95	Soil	11,520	0.01
08/25/2021	17:09:57	78776.53	394748.66	38.96	Soil	10,560	-0.67
08/25/2021	17:09:58	78776.59	394748.71	38.95	Soil	9,900	-1.13
08/25/2021	17:09:59	78776.54	394748.80	38.98	Soil	11,880	0.26
08/25/2021	17:10:00	78776.75	394748.92	38.97	Soil	12,000	0.34
08/25/2021	17:10:01	78776.70	394748.98	38.98	Soil	10,140	-0.96
08/25/2021	17:10:02	78776.54	394749.10	39.00	Soil	12,960	1.02
08/25/2021	17:10:03	78776.74	394749.11	39.00	Soil	13,620	1.48
08/25/2021	17:10:04	78776.82	394749.06	39.03	Soil	13,320	1.27
08/25/2021	17:10:05	78776.92	394749.12	39.09	Soil	11,640	0.09
08/25/2021	17:10:06	78776.87	394749.17	39.15	Soil	11,640	0.09
08/25/2021	17:10:07	78776.96	394749.10	39.15	Soil	12,960	1.02

SU 7D GWS RESULTS
(SOIL)

08/25/2021	17:10:08	78776.92	394749.19	39.14	Soil	11,700	0.13
08/25/2021	17:10:09	78776.92	394749.33	39.14	Soil	13,260	1.23
08/25/2021	17:10:10	78776.90	394749.33	39.14	Soil	13,680	1.52
08/25/2021	17:10:11	78776.82	394749.37	39.14	Soil	11,580	0.05
08/25/2021	17:10:12	78776.81	394749.50	39.13	Soil	12,000	0.34
08/25/2021	17:10:13	78776.73	394749.54	39.13	Soil	12,780	0.89
08/25/2021	17:10:14	78776.78	394749.60	39.16	Soil	11,760	0.18
08/25/2021	17:10:15	78776.66	394749.49	39.11	Soil	13,860	1.65
08/25/2021	17:10:16	78776.61	394749.56	39.08	Soil	12,660	0.81
08/25/2021	17:10:17	78776.61	394749.67	39.10	Soil	11,700	0.13
08/25/2021	17:10:18	78776.67	394749.74	39.07	Soil	12,660	0.81
08/25/2021	17:10:19	78776.65	394749.83	39.05	Soil	11,760	0.18
08/25/2021	17:10:20	78776.61	394749.84	39.06	Soil	12,480	0.68
08/25/2021	17:10:21	78776.66	394749.83	39.02	Soil	13,200	1.19
08/25/2021	17:10:22	78776.44	394749.78	39.02	Soil	13,380	1.31
08/25/2021	17:10:23	78776.43	394749.85	39.01	Soil	10,980	-0.37
08/25/2021	17:10:24	78776.51	394749.92	39.00	Soil	11,640	0.09
08/25/2021	17:10:25	78776.28	394749.96	38.94	Soil	13,500	1.40
08/25/2021	17:10:26	78776.32	394750.09	38.85	Soil	14,700	2.24
08/25/2021	17:10:27	78776.49	394750.21	38.75	Soil	13,260	1.23
08/25/2021	17:10:28	78776.60	394750.30	38.74	Soil	14,820	2.32
08/25/2021	17:10:29	78776.60	394750.34	38.69	Soil	14,340	1.99
08/25/2021	17:10:30	78776.57	394750.34	38.67	Soil	13,320	1.27
08/25/2021	17:10:31	78776.68	394750.34	38.70	Soil	13,740	1.56
08/25/2021	17:10:32	78776.53	394750.38	38.71	Soil	12,120	0.43
08/25/2021	17:10:33	78776.51	394750.44	38.79	Soil	14,760	2.28
08/25/2021	17:10:34	78776.70	394750.39	38.91	Soil	13,560	1.44
08/25/2021	17:10:35	78776.96	394750.16	38.99	Soil	11,820	0.22
08/25/2021	17:10:36	78777.09	394749.94	39.01	Soil	11,460	-0.04
08/25/2021	17:10:37	78776.98	394749.62	39.03	Soil	11,580	0.05
08/25/2021	17:10:38	78776.90	394749.31	39.04	Soil	12,060	0.39
08/25/2021	17:10:39	78776.84	394749.25	39.03	Soil	11,460	-0.04
08/25/2021	17:10:40	78776.64	394749.30	39.06	Soil	13,620	1.48
08/25/2021	17:10:41	78776.75	394749.24	39.09	Soil	12,960	1.02
08/25/2021	17:10:42	78777.00	394749.22	39.08	Soil	12,240	0.51
08/25/2021	17:10:43	78777.05	394749.31	39.11	Soil	12,960	1.02
08/25/2021	17:10:44	78777.07	394749.43	39.06	Soil	13,500	1.40
08/25/2021	17:10:45	78776.76	394749.77	39.00	Soil	11,160	-0.25
08/25/2021	17:10:46	78776.37	394750.07	38.98	Soil	11,280	-0.16
08/25/2021	17:10:47	78776.24	394750.13	39.01	Soil	14,760	2.28
08/25/2021	17:10:48	78776.33	394750.11	38.99	Soil	14,280	1.94
08/25/2021	17:10:49	78776.42	394750.07	39.02	Soil	12,660	0.81
08/25/2021	17:10:50	78776.53	394750.05	39.00	Soil	12,060	0.39
08/25/2021	17:10:51	78776.61	394750.03	38.98	Soil	13,800	1.61
08/25/2021	17:10:52	78776.67	394750.02	38.97	Soil	10,620	-0.62
08/25/2021	17:10:53	78776.72	394750.00	39.00	Soil	11,100	-0.29
08/25/2021	17:10:54	78776.78	394749.92	38.95	Soil	10,980	-0.37
08/25/2021	17:10:55	78776.88	394749.75	38.94	Soil	12,000	0.34
08/25/2021	17:10:56	78777.05	394749.55	38.89	Soil	12,900	0.98
08/25/2021	17:10:57	78777.14	394749.26	38.85	Soil	12,180	0.47
08/25/2021	17:10:58	78777.17	394748.97	38.83	Soil	12,960	1.02

SU 7D GWS RESULTS
(SOIL)

08/25/2021	17:10:59	78777.16	394748.75	38.80	Soil	12,840	0.93
08/25/2021	17:11:00	78777.05	394748.71	38.81	Soil	10,980	-0.37
08/25/2021	17:11:01	78777.03	394748.77	38.79	Soil	11,640	0.09
08/25/2021	17:11:02	78777.07	394748.80	38.84	Soil	13,080	1.10
08/25/2021	17:11:03	78777.16	394748.87	38.84	Soil	12,540	0.72
08/25/2021	17:11:04	78777.05	394748.95	38.88	Soil	12,720	0.85
08/25/2021	17:11:05	78776.92	394748.94	38.88	Soil	12,300	0.55
08/25/2021	17:11:06	78776.68	394748.77	38.90	Soil	10,920	-0.41
08/25/2021	17:11:07	78776.62	394748.66	38.88	Soil	10,560	-0.67
08/25/2021	17:11:08	78776.68	394748.57	38.86	Soil	10,500	-0.71
08/25/2021	17:11:09	78776.78	394748.47	38.87	Soil	10,020	-1.05
08/25/2021	17:11:10	78776.90	394748.46	38.83	Soil	11,820	0.22
08/25/2021	17:11:11	78776.98	394748.36	38.82	Soil	10,380	-0.79
08/25/2021	17:11:12	78777.10	394748.32	38.81	Soil	11,820	0.22
08/25/2021	17:11:13	78777.13	394748.35	38.83	Soil	10,260	-0.88
08/25/2021	17:11:14	78777.13	394748.27	38.86	Soil	11,400	-0.08
08/25/2021	17:11:15	78777.11	394748.32	38.86	Soil	11,460	-0.04
08/25/2021	17:11:16	78777.16	394748.24	38.90	Soil	14,040	1.78
08/25/2021	17:11:17	78777.25	394748.30	38.95	Soil	12,600	0.76
08/25/2021	17:11:26	78776.35	394747.58	39.02	Soil	11,760	0.18
08/25/2021	17:11:28	78776.17	394747.41	38.99	Soil	12,720	0.85
08/25/2021	17:11:29	78776.13	394747.35	38.97	Soil	12,780	0.89
08/25/2021	17:11:31	78775.92	394747.27	38.97	Soil	10,920	-0.41
08/25/2021	17:11:32	78775.90	394747.11	38.96	Soil	12,240	0.51
08/25/2021	17:11:34	78775.70	394747.05	38.98	Soil	12,600	0.76
08/25/2021	17:11:35	78775.66	394746.95	38.94	Soil	11,400	-0.08
08/25/2021	17:11:36	78775.67	394746.81	39.02	Soil	12,660	0.81
08/25/2021	17:11:37	78775.42	394746.84	38.95	Soil	14,100	1.82
08/25/2021	17:11:38	78775.36	394746.74	38.96	Soil	14,400	2.03
08/25/2021	17:11:39	78775.23	394746.69	38.96	Soil	13,200	1.19
08/25/2021	17:11:40	78775.05	394746.70	38.92	Soil	12,660	0.81
08/25/2021	17:11:41	78775.03	394746.58	39.00	Soil	13,260	1.23
08/25/2021	17:11:42	78774.79	394746.62	38.92	Soil	13,260	1.23
08/25/2021	17:11:43	78774.71	394746.56	38.86	Soil	12,000	0.34
08/25/2021	17:11:44	78774.76	394746.42	38.96	Soil	14,100	1.82
08/25/2021	17:11:45	78774.50	394746.42	38.89	Soil	11,100	-0.29
08/25/2021	17:11:46	78774.52	394746.26	38.89	Soil	10,560	-0.67
08/25/2021	17:11:47	78774.49	394746.14	38.93	Soil	12,480	0.68
08/25/2021	17:11:48	78774.30	394746.11	38.91	Soil	11,100	-0.29
08/25/2021	17:11:49	78774.29	394745.98	38.91	Soil	11,760	0.18
08/25/2021	17:11:50	78774.04	394746.08	38.88	Soil	11,400	-0.08
08/25/2021	17:11:51	78774.01	394746.14	38.66	Soil	11,700	0.13
08/25/2021	17:11:52	78773.90	394746.08	38.60	Soil	12,660	0.81
08/25/2021	17:11:53	78773.72	394746.14	38.62	Soil	12,540	0.72
08/25/2021	17:11:54	78773.68	394746.12	38.60	Soil	10,500	-0.71
08/25/2021	17:11:55	78773.67	394746.01	38.65	Soil	10,140	-0.96
08/25/2021	17:11:56	78773.75	394745.98	38.67	Soil	14,040	1.78
08/25/2021	17:11:57	78773.78	394746.02	38.78	Soil	12,120	0.43
08/25/2021	17:11:58	78773.74	394746.15	38.69	Soil	11,040	-0.33
08/25/2021	17:11:59	78773.85	394746.06	38.64	Soil	11,580	0.05
08/25/2021	17:12:00	78773.79	394745.96	38.61	Soil	12,120	0.43

SU 7D GWS RESULTS
(SOIL)

08/25/2021	17:12:01	78773.87	394745.83	38.59	Soil	14,040	1.78
08/25/2021	17:12:02	78773.89	394745.71	38.57	Soil	12,720	0.85
08/25/2021	17:12:03	78773.97	394745.57	38.54	Soil	12,300	0.55
08/25/2021	17:12:04	78774.03	394745.50	38.56	Soil	12,000	0.34
08/25/2021	17:12:05	78774.06	394745.45	38.60	Soil	11,940	0.30
08/25/2021	17:12:06	78774.01	394745.49	38.65	Soil	11,700	0.13
08/25/2021	17:12:07	78773.71	394745.68	38.69	Soil	12,600	0.76
08/25/2021	17:12:08	78773.26	394745.71	38.72	Soil	13,560	1.44
08/25/2021	17:12:09	78773.01	394745.79	38.82	Soil	13,680	1.52
08/25/2021	17:12:10	78773.12	394746.09	38.83	Soil	11,640	0.09
08/25/2021	17:12:11	78773.09	394746.30	38.89	Soil	13,620	1.48
08/25/2021	17:12:12	78773.01	394746.45	38.90	Soil	12,840	0.93
08/25/2021	17:12:13	78773.07	394746.63	38.92	Soil	12,840	0.93
08/25/2021	17:12:14	78773.11	394746.84	38.93	Soil	9,600	-1.34
08/25/2021	17:12:15	78773.15	394746.92	38.89	Soil	11,760	0.18
08/25/2021	17:12:16	78773.01	394746.89	38.93	Soil	14,280	1.94
08/25/2021	17:12:17	78773.04	394746.91	38.89	Soil	11,640	0.09
08/25/2021	17:12:18	78773.02	394746.86	38.96	Soil	10,800	-0.50
08/25/2021	17:12:19	78773.21	394746.90	38.98	Soil	12,300	0.55
08/25/2021	17:12:20	78773.51	394747.01	39.01	Soil	13,860	1.65
08/25/2021	17:12:21	78773.64	394747.09	39.01	Soil	13,200	1.19
08/25/2021	17:12:22	78773.74	394746.82	38.97	Soil	10,260	-0.88
08/25/2021	17:12:23	78773.91	394746.74	39.02	Soil	12,600	0.76
08/25/2021	17:12:24	78774.01	394746.71	39.13	Soil	11,460	-0.04
08/25/2021	17:12:25	78774.11	394746.52	39.15	Soil	12,120	0.43
08/25/2021	17:12:26	78774.11	394746.51	39.20	Soil	13,620	1.48
08/25/2021	17:12:27	78774.21	394746.56	39.19	Soil	13,380	1.31
08/25/2021	17:12:28	78774.29	394746.44	39.23	Soil	13,320	1.27
08/25/2021	17:12:29	78774.31	394746.42	39.20	Soil	11,640	0.09
08/25/2021	17:14:44	78774.90	394747.21	38.92	Soil	12,000	0.34
08/25/2021	17:14:45	78774.89	394747.07	38.93	Soil	12,840	0.93
08/25/2021	17:14:46	78774.88	394746.97	38.89	Soil	12,840	0.93
08/25/2021	17:14:47	78774.87	394746.95	38.90	Soil	12,480	0.68
08/25/2021	17:14:48	78774.84	394746.93	38.98	Soil	13,920	1.69
08/25/2021	17:14:49	78774.92	394747.21	38.98	Soil	12,900	0.98
08/25/2021	17:14:50	78775.06	394747.65	39.01	Soil	14,160	1.86
08/25/2021	17:14:51	78775.17	394747.78	39.03	Soil	13,140	1.14
08/25/2021	17:14:52	78775.42	394747.75	39.03	Soil	11,820	0.22
08/25/2021	17:14:53	78775.65	394747.74	39.05	Soil	12,780	0.89
08/25/2021	17:14:54	78775.85	394747.54	38.98	Soil	11,520	0.01
08/25/2021	17:14:55	78776.00	394747.33	38.98	Soil	14,040	1.78
08/25/2021	17:14:56	78776.14	394747.37	38.93	Soil	12,960	1.02
08/25/2021	17:14:57	78776.13	394747.38	38.95	Soil	12,360	0.60
08/25/2021	17:14:58	78775.98	394747.29	38.96	Soil	11,100	-0.29
08/25/2021	17:14:59	78775.92	394747.42	38.96	Soil	10,860	-0.46
08/25/2021	17:15:00	78775.95	394747.58	38.95	Soil	10,980	-0.37
08/25/2021	17:15:01	78776.01	394747.68	38.95	Soil	11,340	-0.12
08/25/2021	17:15:02	78775.89	394747.66	38.96	Soil	12,900	0.98
08/25/2021	17:15:03	78775.62	394747.52	38.97	Soil	10,500	-0.71
08/25/2021	17:15:04	78775.49	394747.42	38.95	Soil	12,960	1.02
08/25/2021	17:15:05	78775.36	394747.36	38.94	Soil	12,420	0.64

SU 7D GWS RESULTS
(SOIL)

08/25/2021	17:15:06	78775.21	394747.27	38.94	Soil	13,140	1.14
08/25/2021	17:15:07	78775.36	394747.14	38.95	Soil	12,540	0.72
08/25/2021	17:15:08	78775.35	394747.10	38.92	Soil	11,040	-0.33
08/25/2021	17:15:09	78775.19	394746.96	38.87	Soil	14,040	1.78
08/25/2021	17:15:10	78775.14	394746.78	38.81	Soil	12,360	0.60
08/25/2021	17:15:11	78775.04	394746.80	38.79	Soil	11,580	0.05
08/25/2021	17:15:12	78775.18	394746.83	38.76	Soil	13,500	1.40
08/25/2021	17:15:13	78775.30	394747.04	38.70	Soil	11,760	0.18
08/25/2021	17:15:14	78775.20	394747.31	38.68	Soil	12,360	0.60
08/25/2021	17:15:15	78775.26	394747.44	38.69	Soil	11,040	-0.33
08/25/2021	17:15:16	78775.51	394747.43	38.68	Soil	12,900	0.98
08/25/2021	17:15:17	78775.64	394747.16	38.69	Soil	11,520	0.01
08/25/2021	17:15:18	78775.67	394746.88	38.68	Soil	12,420	0.64
08/25/2021	17:15:20	78775.51	394746.77	38.68	Soil	12,780	0.89
08/25/2021	17:15:21	78775.29	394746.72	38.68	Soil	12,960	1.02
08/25/2021	17:15:22	78775.16	394746.67	38.65	Soil	14,100	1.82
08/25/2021	17:15:23	78774.90	394746.65	38.62	Soil	11,520	0.01
08/25/2021	17:15:24	78774.68	394746.61	38.61	Soil	14,040	1.78
08/25/2021	17:15:25	78774.49	394746.72	38.63	Soil	13,440	1.35
08/25/2021	17:15:26	78774.27	394746.72	38.51	Soil	13,920	1.69
08/25/2021	17:15:27	78774.20	394746.89	38.42	Soil	11,820	0.22
08/25/2021	17:15:28	78774.15	394747.13	38.35	Soil	13,500	1.40
08/25/2021	17:15:29	78774.08	394747.35	38.27	Soil	12,780	0.89
08/25/2021	17:15:30	78774.03	394747.69	38.30	Soil	11,100	-0.29
08/25/2021	17:15:31	78773.91	394747.71	38.25	Soil	11,760	0.18
08/25/2021	17:15:32	78773.86	394747.67	38.28	Soil	12,000	0.34
08/25/2021	17:15:33	78773.96	394747.67	38.32	Soil	12,300	0.55
08/25/2021	17:15:34	78773.84	394747.53	38.26	Soil	11,940	0.30
08/25/2021	17:15:35	78773.67	394747.45	38.30	Soil	12,300	0.55
08/25/2021	17:15:36	78773.67	394747.28	38.32	Soil	11,760	0.18
08/25/2021	17:15:37	78773.66	394747.18	38.34	Soil	11,040	-0.33
08/25/2021	17:15:38	78773.54	394747.25	38.38	Soil	11,160	-0.25
08/25/2021	17:15:39	78773.48	394747.14	38.36	Soil	11,880	0.26
08/25/2021	17:15:40	78773.42	394747.15	38.38	Soil	11,820	0.22
08/25/2021	17:15:41	78773.37	394747.21	38.39	Soil	12,120	0.43
08/25/2021	17:15:42	78773.67	394747.23	38.39	Soil	13,620	1.48
08/25/2021	17:15:43	78773.91	394747.42	38.40	Soil	11,040	-0.33
08/25/2021	17:15:44	78773.98	394747.50	38.45	Soil	12,480	0.68
08/25/2021	17:15:45	78774.03	394747.45	38.55	Soil	11,280	-0.16
08/25/2021	17:15:46	78773.88	394747.31	38.59	Soil	11,400	-0.08
08/25/2021	17:15:47	78773.67	394747.10	38.59	Soil	11,640	0.09
08/25/2021	17:15:48	78773.54	394746.96	38.59	Soil	12,480	0.68
08/25/2021	17:15:49	78773.38	394746.91	38.58	Soil	10,740	-0.54
08/25/2021	17:15:50	78773.35	394746.78	38.59	Soil	12,960	1.02
08/25/2021	17:15:51	78773.42	394746.80	38.63	Soil	10,920	-0.41
08/25/2021	17:15:52	78773.37	394746.84	38.69	Soil	11,940	0.30
08/25/2021	17:15:53	78773.43	394746.86	38.71	Soil	11,520	0.01
08/25/2021	17:15:54	78773.52	394746.90	38.71	Soil	11,400	-0.08
08/25/2021	17:15:55	78773.45	394746.75	38.73	Soil	13,140	1.14
08/25/2021	17:15:56	78773.45	394746.65	38.72	Soil	11,460	-0.04
08/25/2021	17:15:57	78773.38	394746.61	38.70	Soil	12,900	0.98

SU 7D GWS RESULTS
(SOIL)

08/25/2021	17:15:58	78773.29	394746.49	38.73	Soil	13,500	1.40
08/25/2021	17:15:59	78773.37	394746.47	38.74	Soil	12,360	0.60
08/25/2021	17:16:00	78773.25	394746.48	38.74	Soil	11,460	-0.04
08/25/2021	17:16:01	78773.19	394746.37	38.74	Soil	12,000	0.34
08/25/2021	17:16:02	78773.41	394746.34	38.74	Soil	12,000	0.34
08/25/2021	17:16:03	78773.45	394746.34	38.75	Soil	11,160	-0.25
08/25/2021	17:16:04	78773.39	394746.30	38.75	Soil	12,000	0.34
08/25/2021	17:16:05	78773.50	394746.30	38.70	Soil	14,100	1.82
08/25/2021	17:16:06	78773.55	394746.25	38.74	Soil	13,560	1.44
08/25/2021	17:16:07	78773.51	394746.15	38.80	Soil	11,640	0.09
08/25/2021	17:16:08	78773.51	394746.17	38.79	Soil	11,940	0.30
08/25/2021	17:16:09	78773.50	394746.24	38.85	Soil	14,160	1.86
08/25/2021	17:16:10	78773.51	394746.22	38.86	Soil	15,780	3.00
08/25/2021	17:16:11	78773.50	394746.23	38.88	Soil	11,580	0.05
08/25/2021	17:16:12	78773.51	394746.19	38.98	Soil	13,200	1.19
08/25/2021	17:16:13	78773.47	394746.33	38.98	Soil	14,160	1.86
08/25/2021	17:16:14	78773.10	394746.47	39.04	Soil	12,180	0.47
08/25/2021	17:16:15	78772.88	394746.58	39.04	Soil	14,040	1.78
08/25/2021	17:16:16	78773.02	394746.74	39.07	Soil	12,840	0.93
08/25/2021	17:16:17	78773.28	394746.86	39.09	Soil	12,660	0.81
08/25/2021	17:16:18	78773.49	394746.97	39.13	Soil	12,720	0.85
08/25/2021	17:16:19	78773.48	394747.04	39.22	Soil	12,600	0.76
08/25/2021	17:16:20	78773.57	394747.01	39.28	Soil	12,000	0.34
08/25/2021	17:16:21	78773.80	394747.05	39.26	Soil	12,600	0.76
08/25/2021	17:16:22	78774.13	394746.98	39.31	Soil	11,880	0.26
08/25/2021	17:16:23	78774.39	394746.86	39.33	Soil	13,320	1.27
08/25/2021	17:16:24	78774.41	394746.64	39.32	Soil	11,400	-0.08
08/25/2021	17:16:25	78774.29	394746.39	39.23	Soil	12,000	0.34
08/25/2021	17:16:26	78774.07	394746.22	39.08	Soil	13,200	1.19
08/25/2021	17:16:27	78774.00	394746.11	38.99	Soil	11,580	0.05
08/25/2021	17:16:28	78774.13	394746.10	38.95	Soil	11,640	0.09
08/25/2021	17:16:29	78774.06	394746.12	38.97	Soil	12,240	0.51
08/25/2021	17:16:30	78773.93	394746.23	38.96	Soil	12,960	1.02
08/25/2021	17:16:31	78773.95	394746.33	39.08	Soil	11,280	-0.16
08/25/2021	17:16:32	78773.99	394746.37	39.05	Soil	13,020	1.06
08/25/2021	17:16:33	78773.85	394746.38	39.07	Soil	12,360	0.60
08/25/2021	17:16:34	78773.81	394746.32	39.07	Soil	11,520	0.01
08/25/2021	17:16:35	78773.95	394746.26	39.04	Soil	12,660	0.81
08/25/2021	17:16:36	78773.96	394746.22	39.02	Soil	11,160	-0.25
08/25/2021	17:16:37	78773.93	394746.20	39.00	Soil	10,920	-0.41
08/25/2021	17:16:38	78773.93	394746.24	39.01	Soil	12,900	0.98
08/25/2021	17:16:39	78773.85	394746.23	38.98	Soil	10,800	-0.50
08/25/2021	17:16:40	78773.75	394746.25	39.00	Soil	12,060	0.39
08/25/2021	17:16:41	78773.73	394746.33	38.98	Soil	11,700	0.13
08/25/2021	17:16:42	78773.73	394746.36	39.01	Soil	12,900	0.98
08/25/2021	17:16:43	78773.75	394746.40	39.04	Soil	12,600	0.76
08/25/2021	17:16:44	78773.82	394746.77	39.08	Soil	13,140	1.14
08/25/2021	17:16:45	78774.06	394747.13	39.10	Soil	11,280	-0.16
08/25/2021	17:16:46	78774.47	394747.23	39.05	Soil	13,920	1.69
08/25/2021	17:16:47	78774.78	394747.20	39.05	Soil	12,240	0.51
08/25/2021	17:16:48	78775.02	394746.89	39.07	Soil	14,400	2.03

SU 7D GWS RESULTS
(SOIL)

08/25/2021	17:16:49	78775.19	394746.59	39.03	Soil	13,860	1.65
08/25/2021	17:16:50	78775.44	394746.58	38.98	Soil	12,000	0.34
08/25/2021	17:17:00	78775.43	394746.67	39.18	Soil	13,860	1.65
08/25/2021	17:17:01	78775.40	394746.78	39.22	Soil	14,340	1.99
08/25/2021	17:17:02	78775.25	394746.76	39.22	Soil	13,140	1.14
08/25/2021	17:17:03	78775.02	394746.68	39.23	Soil	12,660	0.81
08/25/2021	17:17:04	78774.81	394746.54	39.20	Soil	13,140	1.14
08/25/2021	17:17:05	78774.75	394746.39	39.19	Soil	11,700	0.13
08/25/2021	17:17:06	78774.73	394746.30	39.21	Soil	10,440	-0.75
08/25/2021	17:17:07	78774.73	394746.21	39.21	Soil	11,820	0.22
08/25/2021	17:17:08	78774.79	394746.06	39.20	Soil	11,580	0.05
08/25/2021	17:17:09	78774.74	394745.98	39.19	Soil	11,880	0.26
08/25/2021	17:17:10	78774.82	394745.92	39.17	Soil	11,760	0.18
08/25/2021	17:17:14	78775.16	394746.18	39.15	Soil	12,300	0.55
08/25/2021	17:17:15	78775.17	394746.24	39.17	Soil	12,180	0.47
08/25/2021	17:17:16	78775.15	394746.34	39.17	Soil	12,900	0.98
08/25/2021	17:17:17	78775.04	394746.38	39.16	Soil	13,140	1.14
08/25/2021	17:17:18	78774.94	394746.47	39.17	Soil	12,000	0.34
08/25/2021	17:17:19	78774.84	394746.42	39.16	Soil	13,320	1.27
08/25/2021	17:17:20	78774.79	394746.41	39.14	Soil	11,760	0.18
08/25/2021	17:17:21	78774.90	394746.30	39.18	Soil	10,620	-0.62
08/25/2021	17:17:22	78775.03	394746.09	39.25	Soil	10,620	-0.62
08/25/2021	17:17:23	78774.90	394745.98	39.24	Soil	12,720	0.85
08/25/2021	17:17:24	78774.84	394745.88	39.20	Soil	11,160	-0.25
08/25/2021	17:17:25	78774.87	394745.90	39.21	Soil	12,300	0.55
08/25/2021	17:17:26	78774.82	394745.94	39.20	Soil	12,420	0.64
08/25/2021	17:17:27	78774.82	394745.90	39.19	Soil	11,760	0.18
08/25/2021	17:17:28	78774.79	394745.95	39.28	Soil	11,160	-0.25
08/25/2021	17:17:29	78774.53	394745.97	39.25	Soil	11,460	-0.04
08/25/2021	17:17:30	78774.44	394745.92	39.23	Soil	10,920	-0.41
08/25/2021	17:17:31	78774.61	394745.80	39.20	Soil	11,160	-0.25
08/25/2021	17:17:32	78774.58	394745.85	39.20	Soil	11,100	-0.29
08/25/2021	17:17:33	78774.50	394745.93	39.18	Soil	11,640	0.09
08/25/2021	17:17:34	78774.50	394745.98	39.14	Soil	10,980	-0.37
08/25/2021	17:17:35	78774.52	394745.91	39.13	Soil	10,620	-0.62
08/25/2021	17:17:36	78774.55	394745.81	39.12	Soil	11,160	-0.25
08/25/2021	17:17:37	78774.44	394745.85	39.08	Soil	11,700	0.13
08/25/2021	17:17:38	78774.37	394745.85	39.06	Soil	11,040	-0.33
08/25/2021	17:17:39	78774.37	394745.84	39.01	Soil	11,280	-0.16
08/25/2021	17:17:40	78774.23	394745.93	38.96	Soil	10,680	-0.58
08/25/2021	17:17:41	78774.23	394745.87	38.83	Soil	12,120	0.43
08/25/2021	17:17:42	78774.27	394745.87	38.79	Soil	11,940	0.30
08/25/2021	17:17:43	78774.21	394745.80	38.75	Soil	12,360	0.60
08/25/2021	17:17:44	78774.33	394745.74	38.66	Soil	9,900	-1.13
08/25/2021	17:17:45	78774.44	394745.83	38.69	Soil	10,680	-0.58
08/25/2021	17:17:46	78774.42	394745.86	38.80	Soil	11,100	-0.29
08/25/2021	17:17:47	78774.44	394745.88	38.94	Soil	10,620	-0.62
08/25/2021	17:17:48	78774.48	394745.99	38.93	Soil	10,320	-0.84
08/25/2021	17:17:49	78774.72	394746.31	39.05	Soil	11,640	0.09
08/25/2021	17:17:50	78774.89	394746.68	39.17	Soil	13,080	1.10
08/25/2021	17:17:51	78774.80	394746.74	39.15	Soil	11,880	0.26

SU 7D GWS RESULTS
(SOIL)

08/25/2021	17:17:52	78774.86	394746.68	39.14	Soil	12,360	0.60
08/25/2021	17:17:53	78774.96	394746.56	39.08	Soil	12,060	0.39
08/25/2021	17:17:54	78774.76	394746.61	39.14	Soil	12,420	0.64
08/25/2021	17:17:55	78774.41	394746.82	39.24	Soil	13,260	1.23
08/25/2021	17:17:56	78774.12	394746.88	39.20	Soil	13,740	1.56
08/25/2021	17:17:57	78774.01	394746.90	39.26	Soil	10,980	-0.37
08/25/2021	17:17:58	78773.90	394747.01	39.21	Soil	13,320	1.27
08/25/2021	17:17:59	78773.88	394747.05	39.25	Soil	12,180	0.47
08/25/2021	17:18:00	78774.00	394747.01	39.26	Soil	13,140	1.14
08/25/2021	17:18:01	78773.99	394747.15	39.24	Soil	13,800	1.61
08/25/2021	17:18:02	78774.12	394747.15	39.28	Soil	10,080	-1.00
08/25/2021	17:18:03	78774.22	394747.22	39.27	Soil	12,540	0.72
08/25/2021	17:18:04	78774.38	394747.26	39.26	Soil	12,600	0.76
08/25/2021	17:18:05	78774.56	394747.29	39.28	Soil	12,840	0.93
08/25/2021	17:18:06	78774.60	394747.42	39.28	Soil	13,560	1.44
08/25/2021	17:18:07	78774.72	394747.43	39.27	Soil	14,220	1.90
08/25/2021	17:18:08	78774.73	394747.53	39.29	Soil	11,520	0.01
08/25/2021	17:18:09	78774.59	394747.65	39.28	Soil	10,920	-0.41
08/25/2021	17:18:10	78774.60	394747.70	39.33	Soil	10,020	-1.05
08/25/2021	17:18:11	78774.84	394747.75	39.29	Soil	11,400	-0.08
08/25/2021	17:18:12	78775.09	394747.77	39.31	Soil	10,740	-0.54
08/25/2021	17:18:13	78775.20	394747.60	39.25	Soil	13,620	1.48
08/25/2021	17:18:14	78775.16	394747.20	39.24	Soil	11,340	-0.12
08/25/2021	17:18:15	78774.99	394746.99	39.21	Soil	11,880	0.26
08/25/2021	17:18:16	78774.74	394746.81	39.20	Soil	13,560	1.44
08/25/2021	17:18:17	78774.61	394746.71	39.28	Soil	13,620	1.48
08/25/2021	17:18:18	78774.42	394746.77	39.23	Soil	13,260	1.23
08/25/2021	17:18:19	78774.24	394746.74	39.23	Soil	14,580	2.15
08/25/2021	17:18:20	78774.03	394746.82	39.23	Soil	13,440	1.35
08/25/2021	17:18:21	78773.76	394747.00	39.22	Soil	13,740	1.56
08/25/2021	17:18:22	78773.75	394747.20	39.14	Soil	11,580	0.05
08/25/2021	17:18:23	78773.92	394747.44	39.10	Soil	12,060	0.39
08/25/2021	17:18:24	78773.92	394747.51	39.07	Soil	13,140	1.14
08/25/2021	17:18:25	78773.88	394747.56	39.09	Soil	11,820	0.22
08/25/2021	17:18:26	78773.81	394747.53	39.07	Soil	12,840	0.93
08/25/2021	17:18:27	78774.00	394747.54	39.10	Soil	12,300	0.55
08/25/2021	17:18:28	78774.23	394747.61	39.12	Soil	11,640	0.09
08/25/2021	17:18:29	78774.22	394747.68	39.10	Soil	11,400	-0.08
08/25/2021	17:18:30	78774.36	394747.65	39.18	Soil	10,920	-0.41
08/25/2021	17:18:31	78774.46	394747.67	39.16	Soil	12,840	0.93
08/25/2021	17:18:32	78774.45	394747.71	39.19	Soil	11,820	0.22
08/25/2021	17:18:33	78774.53	394747.56	39.21	Soil	11,520	0.01
08/25/2021	17:18:34	78774.62	394747.55	39.22	Soil	12,240	0.51
08/25/2021	17:18:35	78774.66	394747.46	39.27	Soil	12,240	0.51
08/25/2021	17:18:36	78774.71	394747.27	39.22	Soil	12,480	0.68
08/25/2021	17:18:37	78774.79	394747.20	39.20	Soil	13,680	1.52
08/25/2021	17:18:38	78774.81	394747.09	39.23	Soil	11,880	0.26
08/25/2021	17:18:39	78774.73	394747.05	39.22	Soil	11,520	0.01
08/25/2021	17:18:40	78774.71	394747.13	39.26	Soil	13,560	1.44
08/25/2021	17:18:41	78774.76	394747.29	39.33	Soil	10,800	-0.50
08/25/2021	17:18:42	78774.81	394747.49	39.31	Soil	11,460	-0.04

SU 7D GWS RESULTS
(SOIL)

08/25/2021	17:18:43	78774.86	394747.61	39.33	Soil	12,000	0.34
08/25/2021	17:18:44	78775.00	394747.79	39.27	Soil	11,160	-0.25
08/25/2021	17:18:45	78775.13	394748.00	39.30	Soil	10,860	-0.46
08/25/2021	17:18:46	78775.27	394748.18	39.30	Soil	10,680	-0.58
08/25/2021	17:18:47	78775.44	394748.38	39.29	Soil	10,740	-0.54
08/25/2021	17:18:48	78775.61	394748.57	39.27	Soil	11,280	-0.16
08/25/2021	17:18:49	78775.89	394748.67	39.31	Soil	12,000	0.34
08/25/2021	17:18:50	78776.20	394748.46	39.26	Soil	12,600	0.76
08/25/2021	17:18:51	78776.25	394748.33	39.24	Soil	10,500	-0.71
08/25/2021	17:18:52	78776.16	394748.39	39.26	Soil	11,400	-0.08
08/25/2021	17:18:53	78776.14	394748.29	39.26	Soil	12,120	0.43
08/25/2021	17:18:54	78776.08	394748.28	39.27	Soil	11,520	0.01
08/25/2021	17:18:55	78776.05	394748.21	39.27	Soil	11,040	-0.33
08/25/2021	17:18:56	78775.96	394748.20	39.23	Soil	11,820	0.22
08/25/2021	17:18:57	78775.93	394748.13	39.23	Soil	11,160	-0.25
08/25/2021	17:18:58	78775.83	394748.14	39.22	Soil	9,660	-1.30
08/25/2021	17:18:59	78775.85	394748.24	39.23	Soil	10,560	-0.67
08/25/2021	17:19:00	78775.95	394748.35	39.22	Soil	11,940	0.30
08/25/2021	17:19:01	78775.97	394748.43	39.24	Soil	11,640	0.09
08/25/2021	17:19:02	78776.11	394748.45	39.33	Soil	10,560	-0.67
08/25/2021	17:19:03	78775.99	394748.54	39.24	Soil	11,520	0.01
08/25/2021	17:19:04	78776.09	394748.54	39.32	Soil	11,340	-0.12
08/25/2021	17:19:05	78776.25	394748.66	39.38	Soil	10,320	-0.84
08/25/2021	17:19:06	78776.29	394748.66	39.34	Soil	13,020	1.06
08/25/2021	17:19:07	78776.46	394748.57	39.38	Soil	10,740	-0.54
08/25/2021	17:19:08	78776.31	394748.62	39.37	Soil	11,460	-0.04
08/25/2021	17:19:09	78776.26	394748.47	39.38	Soil	11,520	0.01
08/25/2021	17:19:10	78776.12	394748.35	39.40	Soil	11,700	0.13
08/25/2021	17:19:11	78776.07	394748.26	39.29	Soil	10,080	-1.00
08/25/2021	17:19:12	78776.14	394748.03	39.38	Soil	10,860	-0.46
08/25/2021	17:19:13	78776.05	394748.04	39.38	Soil	10,680	-0.58
08/25/2021	17:19:14	78776.03	394748.05	39.34	Soil	11,040	-0.33
08/25/2021	17:19:15	78776.04	394747.97	39.40	Soil	9,660	-1.30
08/25/2021	17:19:16	78776.08	394747.90	39.35	Soil	12,180	0.47
08/25/2021	17:19:17	78775.96	394747.99	39.33	Soil	10,020	-1.05
08/25/2021	17:19:18	78775.97	394748.11	39.32	Soil	10,860	-0.46
08/25/2021	17:19:19	78776.06	394748.28	39.25	Soil	12,000	0.34
08/25/2021	17:19:20	78776.12	394748.44	39.31	Soil	12,600	0.76
08/25/2021	17:19:21	78776.19	394748.57	39.31	Soil	11,280	-0.16
08/25/2021	17:19:22	78776.42	394748.64	39.35	Soil	11,520	0.01
08/25/2021	17:19:23	78776.43	394748.78	39.32	Soil	12,060	0.39
08/25/2021	17:19:24	78776.45	394748.90	39.34	Soil	12,180	0.47
08/25/2021	17:19:25	78776.39	394748.91	39.28	Soil	12,420	0.64
08/25/2021	17:19:26	78776.33	394748.73	39.33	Soil	9,840	-1.17
08/25/2021	17:19:27	78776.46	394748.58	39.33	Soil	9,540	-1.38
08/25/2021	17:19:28	78776.37	394748.54	39.40	Soil	12,060	0.39
08/25/2021	17:19:29	78776.23	394748.46	39.31	Soil	11,880	0.26
08/25/2021	17:19:30	78776.23	394748.32	39.32	Soil	10,800	-0.50
08/25/2021	17:19:31	78775.90	394748.33	39.31	Soil	12,060	0.39
08/25/2021	17:19:32	78775.71	394748.29	39.21	Soil	13,080	1.10
08/25/2021	17:19:33	78775.63	394748.23	39.24	Soil	12,000	0.34

SU 7D GWS RESULTS
(SOIL)

08/25/2021	17:19:34	78775.49	394748.15	39.16	Soil	11,100	-0.29
08/25/2021	17:19:35	78775.40	394748.05	39.10	Soil	12,180	0.47
08/25/2021	17:19:36	78775.09	394748.02	39.08	Soil	11,880	0.26
08/25/2021	17:19:37	78774.83	394747.91	39.05	Soil	11,700	0.13
08/25/2021	17:19:38	78774.66	394747.97	39.17	Soil	9,780	-1.21
08/25/2021	17:19:39	78774.58	394747.86	39.14	Soil	10,800	-0.50
08/25/2021	17:19:40	78774.40	394747.86	39.12	Soil	11,940	0.30
08/25/2021	17:19:41	78774.24	394747.87	38.97	Soil	13,560	1.44
08/25/2021	17:19:42	78774.18	394747.71	39.03	Soil	12,180	0.47
08/25/2021	17:19:43	78774.15	394747.77	39.00	Soil	12,120	0.43
08/25/2021	17:19:44	78773.86	394747.74	39.01	Soil	12,960	1.02
08/25/2021	17:19:45	78773.65	394747.66	39.06	Soil	11,760	0.18
08/25/2021	17:19:46	78773.39	394747.76	39.02	Soil	12,420	0.64
08/25/2021	17:19:47	78773.32	394747.69	39.00	Soil	11,820	0.22
08/25/2021	17:19:48	78773.15	394747.60	38.98	Soil	12,780	0.89
08/25/2021	17:19:49	78772.92	394747.55	38.94	Soil	11,700	0.13
08/25/2021	17:19:50	78773.03	394747.39	38.98	Soil	13,140	1.14
08/25/2021	17:19:51	78772.90	394747.36	38.93	Soil	11,280	-0.16
08/25/2021	17:19:52	78772.67	394747.30	38.88	Soil	10,080	-1.00
08/25/2021	17:19:53	78772.79	394747.24	38.84	Soil	9,900	-1.13
08/25/2021	17:19:54	78772.73	394747.25	38.82	Soil	11,100	-0.29
08/25/2021	17:19:55	78772.74	394747.25	38.82	Soil	13,080	1.10
08/25/2021	17:19:56	78772.59	394747.33	38.77	Soil	12,660	0.81
08/25/2021	17:19:57	78772.38	394747.39	38.71	Soil	12,300	0.55
08/25/2021	17:19:58	78772.38	394747.36	38.69	Soil	11,340	-0.12
08/25/2021	17:19:59	78772.26	394747.46	38.68	Soil	11,880	0.26
08/25/2021	17:20:00	78772.25	394747.46	38.60	Soil	11,940	0.30
08/25/2021	17:20:01	78772.28	394747.44	38.58	Soil	13,140	1.14
08/25/2021	17:20:02	78772.17	394747.52	38.61	Soil	11,640	0.09
08/25/2021	17:20:03	78772.20	394747.55	38.62	Soil	11,640	0.09
08/25/2021	17:20:04	78772.26	394747.73	38.69	Soil	12,960	1.02
08/25/2021	17:20:05	78772.28	394747.90	38.76	Soil	11,940	0.30
08/25/2021	17:20:06	78772.23	394747.93	38.77	Soil	13,020	1.06
08/25/2021	17:20:07	78772.20	394747.93	38.79	Soil	13,800	1.61
08/25/2021	17:20:08	78772.25	394747.84	38.85	Soil	12,060	0.39
08/25/2021	17:20:09	78772.26	394747.56	38.79	Soil	12,780	0.89
08/25/2021	17:20:10	78772.22	394747.42	38.85	Soil	10,260	-0.88
08/25/2021	17:20:11	78772.04	394747.36	38.85	Soil	13,020	1.06
08/25/2021	17:20:12	78771.82	394747.37	38.91	Soil	10,800	-0.50
08/25/2021	17:20:13	78771.88	394747.30	38.89	Soil	11,880	0.26
08/25/2021	17:20:14	78771.99	394747.31	38.91	Soil	11,460	-0.04
08/25/2021	17:20:15	78772.15	394747.30	38.89	Soil	12,000	0.34
08/25/2021	17:20:16	78772.28	394747.19	38.87	Soil	12,420	0.64
08/25/2021	17:20:17	78772.39	394747.11	38.82	Soil	12,180	0.47
08/25/2021	17:20:18	78772.60	394747.08	38.81	Soil	11,700	0.13
08/25/2021	17:20:19	78772.70	394747.06	38.82	Soil	11,040	-0.33
08/25/2021	17:20:20	78772.69	394746.95	38.83	Soil	11,280	-0.16
08/25/2021	17:20:21	78772.74	394746.91	38.87	Soil	12,120	0.43
08/25/2021	17:20:22	78772.74	394747.03	38.93	Soil	10,680	-0.58
08/25/2021	17:20:23	78772.81	394747.11	38.93	Soil	11,940	0.30
08/25/2021	17:20:24	78772.92	394747.09	38.89	Soil	12,000	0.34

SU 7D GWS RESULTS
(SOIL)

08/25/2021	17:20:25	78772.82	394747.13	38.96	Soil	11,280	-0.16
08/25/2021	17:20:26	78772.85	394747.23	38.94	Soil	11,220	-0.20
08/25/2021	17:20:27	78772.86	394747.30	38.96	Soil	11,400	-0.08
08/25/2021	17:20:28	78772.73	394747.25	38.96	Soil	11,700	0.13
08/25/2021	17:20:29	78772.74	394747.22	38.93	Soil	14,040	1.78
08/25/2021	17:20:30	78772.70	394747.25	39.00	Soil	10,260	-0.88
08/25/2021	17:20:31	78772.58	394747.37	39.02	Soil	11,940	0.30
08/25/2021	17:20:32	78772.66	394747.47	39.08	Soil	11,640	0.09
08/25/2021	17:20:33	78772.72	394747.56	39.09	Soil	11,820	0.22
08/25/2021	17:20:34	78772.74	394747.65	39.12	Soil	12,420	0.64
08/25/2021	17:20:35	78772.84	394747.71	39.17	Soil	11,160	-0.25
08/25/2021	17:20:36	78772.74	394747.74	39.17	Soil	12,120	0.43
08/25/2021	17:20:37	78772.86	394747.78	39.19	Soil	11,880	0.26
08/25/2021	17:20:38	78772.87	394747.76	39.19	Soil	13,200	1.19
08/25/2021	17:20:39	78772.84	394747.74	39.17	Soil	12,660	0.81
08/25/2021	17:20:40	78772.72	394747.73	39.20	Soil	11,160	-0.25
08/25/2021	17:20:41	78772.72	394747.78	39.23	Soil	13,620	1.48
08/25/2021	17:20:42	78772.74	394747.88	39.21	Soil	13,200	1.19
08/25/2021	17:20:43	78772.67	394747.83	39.26	Soil	11,760	0.18
08/25/2021	17:20:44	78772.69	394747.85	39.26	Soil	11,880	0.26
08/25/2021	17:20:45	78772.54	394747.82	39.31	Soil	10,680	-0.58
08/25/2021	17:20:46	78772.52	394747.85	39.28	Soil	9,960	-1.09
08/25/2021	17:20:47	78772.50	394747.89	39.31	Soil	11,220	-0.20
08/25/2021	17:20:48	78772.43	394747.89	39.34	Soil	11,700	0.13
08/25/2021	17:20:49	78772.43	394747.98	39.31	Soil	11,520	0.01
08/25/2021	17:20:50	78772.38	394747.85	39.33	Soil	11,460	-0.04
08/25/2021	17:20:51	78772.29	394747.98	39.33	Soil	13,740	1.56
08/25/2021	17:20:52	78772.22	394747.92	39.37	Soil	12,180	0.47
08/25/2021	17:20:53	78772.15	394747.86	39.36	Soil	10,860	-0.46
08/25/2021	17:20:54	78772.05	394747.96	39.38	Soil	11,880	0.26
08/25/2021	17:20:55	78772.04	394747.87	39.37	Soil	10,380	-0.79
08/25/2021	17:20:56	78772.05	394747.86	39.41	Soil	8,640	-2.01
08/25/2021	17:20:57	78771.97	394747.85	39.41	Soil	12,360	0.60
08/25/2021	17:20:58	78771.85	394747.90	39.37	Soil	12,900	0.98
08/25/2021	17:20:59	78771.82	394747.73	39.47	Soil	13,140	1.14
08/25/2021	17:21:00	78771.74	394747.91	39.44	Soil	12,720	0.85
08/25/2021	17:21:01	78771.52	394747.93	39.49	Soil	11,400	-0.08
08/25/2021	17:21:02	78771.42	394747.99	39.58	Soil	12,960	1.02
08/25/2021	17:21:03	78771.23	394748.13	39.62	Soil	11,880	0.26
08/25/2021	17:21:04	78771.07	394748.11	39.68	Soil	12,660	0.81
08/25/2021	17:21:05	78771.25	394748.42	39.71	Soil	12,720	0.85
08/25/2021	17:21:06	78771.30	394748.38	39.76	Soil	11,640	0.09
08/25/2021	17:23:37	78772.14	394748.52	38.10	Soil	12,540	0.72
08/25/2021	17:23:38	78772.13	394748.53	37.93	Soil	11,220	-0.20
08/25/2021	17:23:39	78772.11	394748.54	37.93	Soil	13,140	1.14
08/25/2021	17:23:40	78772.01	394748.50	37.99	Soil	12,660	0.81
08/25/2021	17:23:41	78771.72	394748.25	37.98	Soil	13,140	1.14
08/25/2021	17:23:42	78771.33	394748.11	37.99	Soil	12,180	0.47
08/25/2021	17:23:43	78771.40	394747.98	37.98	Soil	11,940	0.30
08/25/2021	17:23:44	78771.51	394748.09	38.07	Soil	11,100	-0.29
08/25/2021	17:23:45	78771.65	394748.22	38.04	Soil	11,400	-0.08

SU 7D GWS RESULTS
(SOIL)

08/25/2021	17:23:46	78771.78	394748.36	38.04	Soil	16,920	3.80
08/25/2021	17:23:47	78771.93	394748.32	37.95	Soil	11,160	-0.25
08/25/2021	17:23:48	78772.25	394748.02	37.99	Soil	12,240	0.51
08/25/2021	17:23:49	78772.48	394748.09	37.97	Soil	12,720	0.85
08/25/2021	17:23:50	78772.61	394747.99	38.02	Soil	14,760	2.28
08/25/2021	17:23:51	78772.58	394747.94	38.07	Soil	11,220	-0.20
08/25/2021	17:23:52	78772.66	394748.39	38.09	Soil	10,440	-0.75
08/25/2021	17:23:53	78772.72	394748.45	38.15	Soil	14,700	2.24
08/25/2021	17:23:54	78772.69	394748.36	38.17	Soil	12,120	0.43
08/25/2021	17:23:55	78772.53	394748.26	38.16	Soil	13,560	1.44
08/25/2021	17:23:56	78772.28	394748.29	38.17	Soil	11,940	0.30
08/25/2021	17:23:57	78772.08	394748.26	38.14	Soil	11,280	-0.16
08/25/2021	17:23:58	78771.99	394748.11	38.14	Soil	11,220	-0.20
08/25/2021	17:23:59	78772.13	394748.42	38.14	Soil	11,340	-0.12
08/25/2021	17:24:00	78772.42	394748.48	38.17	Soil	10,980	-0.37
08/25/2021	17:24:01	78772.75	394748.12	38.12	Soil	11,640	0.09
08/25/2021	17:24:02	78772.95	394748.04	38.15	Soil	10,980	-0.37
08/25/2021	17:24:03	78773.06	394747.98	38.16	Soil	12,420	0.64
08/25/2021	17:24:04	78773.14	394747.88	38.17	Soil	10,500	-0.71
08/25/2021	17:24:05	78773.37	394748.09	38.21	Soil	12,180	0.47
08/25/2021	17:24:06	78773.49	394747.95	38.21	Soil	11,760	0.18
08/25/2021	17:24:07	78773.48	394747.84	38.26	Soil	11,460	-0.04
08/25/2021	17:24:08	78773.54	394748.16	38.30	Soil	11,340	-0.12
08/25/2021	17:24:09	78773.69	394748.06	38.29	Soil	13,980	1.73
08/25/2021	17:24:10	78773.73	394747.81	38.33	Soil	12,780	0.89
08/25/2021	17:24:11	78773.58	394748.01	38.39	Soil	11,880	0.26
08/25/2021	17:24:12	78773.59	394748.10	38.46	Soil	12,360	0.60
08/25/2021	17:24:13	78773.65	394748.05	38.59	Soil	11,400	-0.08
08/25/2021	17:24:14	78773.50	394748.26	38.60	Soil	10,680	-0.58
08/25/2021	17:24:15	78773.49	394748.30	38.66	Soil	11,580	0.05
08/25/2021	17:24:16	78773.86	394748.02	38.82	Soil	10,980	-0.37
08/25/2021	17:24:17	78774.05	394747.88	38.83	Soil	10,920	-0.41
08/25/2021	17:24:18	78774.21	394747.89	38.91	Soil	12,120	0.43
08/25/2021	17:24:19	78774.26	394748.12	39.00	Soil	11,280	-0.16
08/25/2021	17:24:20	78774.47	394748.15	39.05	Soil	13,080	1.10
08/25/2021	17:24:21	78774.46	394748.31	39.03	Soil	12,420	0.64
08/25/2021	17:24:22	78774.33	394748.32	38.99	Soil	10,680	-0.58
08/25/2021	17:24:23	78774.17	394748.36	39.06	Soil	11,100	-0.29
08/25/2021	17:24:24	78773.80	394748.34	39.06	Soil	10,380	-0.79
08/25/2021	17:24:25	78773.59	394748.09	39.07	Soil	10,200	-0.92
08/25/2021	17:24:26	78773.60	394748.17	39.08	Soil	12,000	0.34
08/25/2021	17:24:27	78773.72	394748.33	39.10	Soil	12,660	0.81
08/25/2021	17:24:28	78773.79	394748.37	39.20	Soil	12,420	0.64
08/25/2021	17:24:29	78773.90	394748.32	39.22	Soil	12,420	0.64
08/25/2021	17:24:30	78774.00	394748.31	39.26	Soil	13,140	1.14
08/25/2021	17:24:31	78773.99	394748.43	39.27	Soil	12,960	1.02
08/25/2021	17:24:32	78774.11	394748.43	39.30	Soil	10,620	-0.62
08/25/2021	17:24:33	78774.29	394748.28	39.32	Soil	11,760	0.18
08/25/2021	17:24:34	78774.35	394748.06	39.30	Soil	11,100	-0.29
08/25/2021	17:24:35	78774.31	394748.02	39.34	Soil	12,540	0.72
08/25/2021	17:24:36	78774.33	394748.05	39.44	Soil	11,700	0.13

SU 7D GWS RESULTS
(SOIL)

08/25/2021	17:24:37	78774.42	394748.20	39.43	Soil	11,220	-0.20
08/25/2021	17:24:38	78774.55	394748.47	39.54	Soil	11,700	0.13
08/25/2021	17:24:39	78774.66	394748.57	39.53	Soil	11,520	0.01
08/25/2021	17:24:40	78774.85	394748.63	39.59	Soil	12,240	0.51
08/25/2021	17:24:41	78774.94	394748.71	39.65	Soil	11,400	-0.08
08/25/2021	17:24:42	78775.24	394748.59	39.67	Soil	10,320	-0.84
08/25/2021	17:24:43	78775.33	394748.62	39.74	Soil	11,460	-0.04
08/25/2021	17:24:44	78775.45	394748.53	39.67	Soil	10,860	-0.46
08/25/2021	17:24:45	78775.67	394748.44	39.74	Soil	11,400	-0.08
08/25/2021	17:24:46	78775.86	394748.50	39.71	Soil	12,360	0.60
08/25/2021	17:24:47	78776.01	394748.26	39.67	Soil	11,580	0.05
08/25/2021	17:24:48	78776.08	394748.21	39.55	Soil	9,660	-1.30
08/25/2021	17:24:49	78775.85	394747.98	39.50	Soil	12,000	0.34
08/25/2021	17:24:50	78775.69	394747.88	39.51	Soil	11,160	-0.25
08/25/2021	17:24:51	78775.38	394748.11	39.50	Soil	9,480	-1.42
08/25/2021	17:24:52	78775.21	394748.37	39.49	Soil	10,560	-0.67
08/25/2021	17:24:53	78775.04	394748.35	39.50	Soil	10,740	-0.54
08/25/2021	17:24:54	78774.91	394748.36	39.49	Soil	12,900	0.98
08/25/2021	17:24:55	78774.94	394748.40	39.50	Soil	12,240	0.51
08/25/2021	17:24:56	78774.86	394748.41	39.52	Soil	9,720	-1.26
08/25/2021	17:24:57	78774.91	394748.41	39.53	Soil	10,920	-0.41
08/25/2021	17:24:58	78775.13	394748.47	39.52	Soil	12,540	0.72
08/25/2021	17:24:59	78775.21	394748.60	39.59	Soil	10,740	-0.54
08/25/2021	17:25:00	78775.22	394748.61	39.55	Soil	12,600	0.76
08/25/2021	17:25:01	78775.13	394748.52	39.48	Soil	12,060	0.39
08/25/2021	17:25:02	78774.99	394748.43	39.51	Soil	12,180	0.47
08/25/2021	17:25:03	78775.03	394748.30	39.51	Soil	10,920	-0.41
08/25/2021	17:25:04	78775.16	394748.30	39.47	Soil	12,300	0.55
08/25/2021	17:25:05	78775.14	394748.40	39.36	Soil	12,120	0.43
08/25/2021	17:25:06	78775.14	394748.41	39.28	Soil	10,560	-0.67
08/25/2021	17:25:07	78775.15	394748.36	39.23	Soil	10,860	-0.46
08/25/2021	17:25:08	78775.11	394748.37	39.18	Soil	11,040	-0.33
08/25/2021	17:25:09	78775.19	394748.43	39.13	Soil	11,940	0.30
08/25/2021	17:25:10	78775.14	394748.41	39.14	Soil	10,740	-0.54
08/25/2021	17:25:11	78775.13	394748.39	39.14	Soil	12,120	0.43
08/25/2021	17:25:12	78775.33	394748.59	39.07	Soil	10,740	-0.54
08/25/2021	17:25:13	78775.49	394748.62	38.98	Soil	11,340	-0.12
08/25/2021	17:25:14	78775.65	394748.77	39.03	Soil	10,320	-0.84
08/25/2021	17:25:15	78775.69	394748.94	39.03	Soil	9,840	-1.17
08/25/2021	17:25:16	78775.95	394748.77	38.95	Soil	10,800	-0.50
08/25/2021	17:25:17	78776.12	394748.79	38.98	Soil	11,880	0.26
08/25/2021	17:25:18	78776.21	394749.04	38.97	Soil	12,120	0.43
08/25/2021	17:25:19	78776.47	394748.86	38.94	Soil	11,460	-0.04
08/25/2021	17:25:20	78776.56	394749.02	38.97	Soil	11,880	0.26
08/25/2021	17:25:21	78776.75	394748.99	38.88	Soil	11,760	0.18
08/25/2021	17:25:22	78776.84	394749.18	38.86	Soil	12,480	0.68
08/25/2021	17:25:23	78776.79	394749.37	38.91	Soil	11,760	0.18
08/25/2021	17:25:24	78776.80	394749.23	38.75	Soil	12,060	0.39
08/25/2021	17:25:25	78776.75	394749.09	38.77	Soil	11,760	0.18
08/25/2021	17:25:26	78776.80	394749.09	38.77	Soil	11,400	-0.08
08/25/2021	17:25:27	78776.74	394748.92	38.84	Soil	12,240	0.51

SU 7D GWS RESULTS
(SOIL)

08/25/2021	17:25:28	78776.70	394748.79	38.82	Soil	11,100	-0.29
08/25/2021	17:25:29	78776.38	394748.86	38.77	Soil	12,900	0.98
08/25/2021	17:25:30	78776.33	394748.63	38.84	Soil	10,440	-0.75
08/25/2021	17:25:31	78776.13	394748.62	38.80	Soil	10,920	-0.41
08/25/2021	17:25:32	78775.99	394748.61	38.85	Soil	10,980	-0.37
08/25/2021	17:25:33	78776.02	394748.32	38.79	Soil	12,600	0.76
08/25/2021	17:25:34	78775.68	394748.31	38.76	Soil	9,840	-1.17
08/25/2021	17:25:35	78775.66	394748.07	38.82	Soil	11,160	-0.25
08/25/2021	17:25:36	78775.46	394747.96	38.74	Soil	11,160	-0.25
08/25/2021	17:25:37	78775.17	394747.94	38.86	Soil	9,180	-1.64
08/25/2021	17:25:38	78775.11	394747.81	38.78	Soil	10,560	-0.67
08/25/2021	17:25:39	78774.85	394747.95	38.81	Soil	12,900	0.98
08/25/2021	17:25:40	78774.78	394747.86	38.92	Soil	11,160	-0.25
08/25/2021	17:25:41	78774.59	394747.97	38.90	Soil	12,840	0.93
08/25/2021	17:25:42	78774.37	394748.19	39.08	Soil	12,240	0.51
08/25/2021	17:25:43	78774.06	394748.34	39.14	Soil	11,280	-0.16
08/25/2021	17:25:44	78773.83	394748.51	39.19	Soil	13,980	1.73
08/25/2021	17:25:45	78773.65	394748.53	39.19	Soil	13,440	1.35
08/25/2021	17:25:46	78773.60	394748.37	39.23	Soil	12,540	0.72
08/25/2021	17:25:47	78773.54	394748.25	39.26	Soil	11,460	-0.04
08/25/2021	17:25:48	78773.26	394748.29	39.28	Soil	11,640	0.09
08/25/2021	17:25:49	78773.26	394748.13	39.33	Soil	13,440	1.35
08/25/2021	17:25:50	78773.15	394748.11	39.27	Soil	11,220	-0.20
08/25/2021	17:25:51	78772.89	394748.20	39.21	Soil	13,320	1.27
08/25/2021	17:25:52	78772.84	394747.98	39.29	Soil	12,300	0.55
08/25/2021	17:25:53	78772.68	394748.04	39.24	Soil	10,140	-0.96
08/25/2021	17:25:54	78772.54	394748.04	39.26	Soil	12,480	0.68
08/25/2021	17:25:55	78772.51	394747.88	39.22	Soil	10,260	-0.88
08/25/2021	17:25:56	78772.34	394748.03	39.21	Soil	12,060	0.39
08/25/2021	17:25:57	78772.25	394747.89	39.34	Soil	10,800	-0.50
08/25/2021	17:25:58	78772.07	394747.91	39.32	Soil	12,660	0.81
08/25/2021	17:25:59	78771.82	394748.17	39.47	Soil	12,000	0.34
08/25/2021	17:26:00	78771.64	394748.17	39.51	Soil	11,160	-0.25
08/25/2021	17:26:01	78771.62	394748.51	39.54	Soil	10,800	-0.50
08/25/2021	17:26:02	78771.41	394748.45	39.59	Soil	13,860	1.65
08/25/2021	17:26:03	78771.19	394748.36	39.55	Soil	11,520	0.01
08/25/2021	17:26:04	78771.13	394748.50	39.52	Soil	11,640	0.09
08/25/2021	17:26:05	78771.10	394748.59	39.50	Soil	13,140	1.14
08/25/2021	17:26:06	78771.12	394748.52	39.49	Soil	11,340	-0.12
08/25/2021	17:26:07	78771.06	394748.59	39.48	Soil	10,980	-0.37
08/25/2021	17:26:08	78771.03	394748.47	39.57	Soil	13,200	1.19
08/25/2021	17:26:09	78770.91	394748.59	39.60	Soil	12,300	0.55
08/25/2021	17:26:10	78770.83	394748.87	39.70	Soil	12,660	0.81
08/25/2021	17:26:11	78770.92	394748.91	39.77	Soil	12,540	0.72
08/25/2021	17:26:12	78770.91	394748.95	39.75	Soil	14,520	2.11
08/25/2021	17:26:13	78770.79	394748.98	39.87	Soil	12,960	1.02
08/25/2021	17:26:14	78770.66	394749.00	39.87	Soil	11,760	0.18
08/25/2021	17:26:15	78770.60	394749.06	39.98	Soil	10,560	-0.67
08/25/2021	17:26:16	78770.42	394748.96	39.92	Soil	12,480	0.68
08/25/2021	17:26:17	78770.18	394749.00	39.92	Soil	12,420	0.64
08/25/2021	17:26:18	78770.08	394749.01	39.92	Soil	11,340	-0.12

SU 7D GWS RESULTS
(SOIL)

08/25/2021	17:26:19	78769.78	394749.21	40.01	Soil	12,600	0.76
08/25/2021	17:26:20	78769.59	394749.31	40.08	Soil	11,520	0.01
08/25/2021	17:26:21	78769.42	394749.37	40.13	Soil	12,600	0.76
08/25/2021	17:26:22	78769.42	394749.69	40.26	Soil	10,080	-1.00
08/25/2021	17:26:23	78769.45	394749.77	40.27	Soil	12,300	0.55
08/25/2021	17:26:24	78769.79	394749.81	40.30	Soil	12,240	0.51
08/25/2021	17:26:25	78769.86	394749.85	40.30	Soil	12,660	0.81
08/25/2021	17:26:26	78770.00	394749.80	40.27	Soil	11,700	0.13
08/25/2021	17:26:27	78770.20	394749.72	40.29	Soil	12,480	0.68
08/25/2021	17:26:28	78770.45	394749.76	40.30	Soil	10,980	-0.37
08/25/2021	17:26:29	78770.46	394749.54	40.27	Soil	11,520	0.01
08/25/2021	17:26:30	78770.51	394749.49	40.27	Soil	10,200	-0.92
08/25/2021	17:26:31	78770.72	394749.63	40.24	Soil	12,000	0.34
08/25/2021	17:26:32	78770.77	394749.51	40.24	Soil	9,360	-1.51
08/25/2021	17:26:33	78770.76	394749.49	40.27	Soil	11,340	-0.12
08/25/2021	17:26:34	78770.87	394749.43	40.25	Soil	13,200	1.19
08/25/2021	17:26:35	78770.90	394749.29	40.23	Soil	12,240	0.51
08/25/2021	17:26:36	78770.96	394749.38	40.25	Soil	11,640	0.09
08/25/2021	17:26:37	78771.07	394749.27	40.24	Soil	11,160	-0.25
08/25/2021	17:26:38	78771.08	394749.16	40.25	Soil	11,160	-0.25
08/25/2021	17:26:39	78770.93	394749.24	40.26	Soil	13,260	1.23
08/25/2021	17:26:40	78770.87	394749.10	40.17	Soil	10,680	-0.58
08/25/2021	17:26:41	78770.79	394749.10	40.20	Soil	13,620	1.48
08/25/2021	17:26:42	78770.65	394749.27	40.17	Soil	12,360	0.60
08/25/2021	17:26:43	78770.74	394749.13	40.16	Soil	9,660	-1.30
08/25/2021	17:26:44	78770.64	394749.14	40.19	Soil	10,980	-0.37
08/25/2021	17:26:45	78770.49	394749.40	40.14	Soil	13,140	1.14
08/25/2021	17:26:46	78770.35	394749.49	40.10	Soil	12,060	0.39
08/25/2021	17:26:47	78770.21	394749.55	40.11	Soil	10,920	-0.41
08/25/2021	17:26:48	78770.23	394749.37	40.12	Soil	13,260	1.23
08/25/2021	17:26:49	78770.18	394749.28	40.13	Soil	13,080	1.10
08/25/2021	17:26:50	78770.06	394749.39	40.16	Soil	11,940	0.30
08/25/2021	17:26:51	78769.75	394749.44	40.17	Soil	12,660	0.81
08/25/2021	17:27:27	78769.92	394750.10	39.70	Soil	11,940	0.30
08/25/2021	17:27:28	78769.90	394750.23	39.72	Soil	11,760	0.18
08/25/2021	17:27:29	78769.89	394750.56	39.77	Soil	12,060	0.39
08/25/2021	17:27:30	78769.78	394750.77	39.74	Soil	10,560	-0.67
08/25/2021	17:27:31	78769.67	394750.80	39.81	Soil	8,820	-1.89
08/25/2021	17:27:32	78769.78	394750.68	39.79	Soil	11,760	0.18
08/25/2021	17:27:33	78769.97	394750.37	39.77	Soil	10,620	-0.62
08/25/2021	17:27:34	78769.95	394750.13	39.82	Soil	10,200	-0.92
08/25/2021	17:27:35	78769.84	394750.12	39.77	Soil	11,640	0.09
08/25/2021	17:27:36	78769.82	394750.25	39.75	Soil	12,060	0.39
08/25/2021	17:27:37	78769.73	394750.38	39.70	Soil	12,180	0.47
08/25/2021	17:27:38	78769.76	394750.35	39.73	Soil	12,000	0.34
08/25/2021	17:27:39	78770.00	394750.27	39.65	Soil	10,920	-0.41
08/25/2021	17:27:40	78770.30	394750.05	39.69	Soil	11,520	0.01
08/25/2021	17:27:41	78770.32	394750.01	39.67	Soil	10,440	-0.75
08/25/2021	17:27:42	78770.44	394749.85	39.70	Soil	10,860	-0.46
08/25/2021	17:27:43	78770.42	394750.08	39.74	Soil	11,400	-0.08
08/25/2021	17:27:44	78770.43	394750.40	39.76	Soil	12,420	0.64

SU 7D GWS RESULTS
(SOIL)

08/25/2021	17:27:45	78770.42	394750.64	39.81	Soil	9,960	-1.09
08/25/2021	17:27:46	78770.32	394750.70	39.79	Soil	10,980	-0.37
08/25/2021	17:27:47	78770.25	394750.57	39.76	Soil	11,040	-0.33
08/25/2021	17:27:48	78770.06	394750.53	39.74	Soil	10,800	-0.50
08/25/2021	17:27:49	78769.93	394750.36	39.80	Soil	12,960	1.02
08/25/2021	17:27:50	78770.06	394750.15	39.79	Soil	11,040	-0.33
08/25/2021	17:27:51	78770.26	394750.04	39.79	Soil	11,880	0.26
08/25/2021	17:27:52	78770.29	394750.05	39.78	Soil	10,500	-0.71
08/25/2021	17:27:53	78770.23	394750.18	39.77	Soil	10,740	-0.54
08/25/2021	17:27:54	78770.09	394750.33	39.80	Soil	12,480	0.68
08/25/2021	17:27:55	78770.01	394750.52	39.79	Soil	10,680	-0.58
08/25/2021	17:27:56	78770.15	394750.57	39.80	Soil	12,060	0.39
08/25/2021	17:27:57	78770.44	394750.40	39.80	Soil	10,860	-0.46
08/25/2021	17:27:58	78770.67	394750.17	39.86	Soil	12,780	0.89
08/25/2021	17:27:59	78770.87	394750.02	39.83	Soil	12,000	0.34
08/25/2021	17:28:00	78770.98	394749.84	39.80	Soil	10,380	-0.79
08/25/2021	17:28:01	78771.04	394749.86	39.77	Soil	12,600	0.76
08/25/2021	17:28:02	78771.09	394749.87	39.77	Soil	11,940	0.30
08/25/2021	17:28:09	78771.15	394749.89	39.57	Soil	12,180	0.47
08/25/2021	17:28:10	78771.20	394749.93	39.59	Soil	10,800	-0.50
08/25/2021	17:28:11	78771.19	394750.01	39.53	Soil	11,880	0.26
08/25/2021	17:28:12	78770.94	394749.92	39.60	Soil	13,080	1.10
08/25/2021	17:28:13	78770.88	394750.13	39.50	Soil	12,240	0.51
08/25/2021	17:28:14	78770.76	394750.21	39.54	Soil	11,280	-0.16
08/25/2021	17:28:15	78770.74	394750.46	39.54	Soil	11,400	-0.08
08/25/2021	17:29:01	78771.12	394750.44	39.08	Soil	11,580	0.05
08/25/2021	17:29:02	78771.14	394750.44	39.13	Soil	10,560	-0.67
08/25/2021	17:29:03	78771.17	394750.39	39.24	Soil	10,860	-0.46
08/25/2021	17:29:04	78771.20	394750.17	39.23	Soil	11,160	-0.25
08/25/2021	17:29:05	78771.07	394749.91	39.21	Soil	11,340	-0.12
08/25/2021	17:29:06	78770.87	394749.96	39.19	Soil	10,140	-0.96
08/25/2021	17:29:07	78770.89	394749.96	39.10	Soil	10,620	-0.62
08/25/2021	17:29:08	78770.93	394750.35	39.08	Soil	12,480	0.68
08/25/2021	17:29:09	78770.88	394750.56	39.00	Soil	12,240	0.51
08/25/2021	17:29:10	78770.89	394750.71	38.92	Soil	10,980	-0.37
08/25/2021	17:29:11	78770.94	394750.94	38.90	Soil	10,140	-0.96
08/25/2021	17:29:12	78771.16	394750.97	38.87	Soil	10,560	-0.67
08/25/2021	17:29:13	78771.57	394750.91	38.84	Soil	12,540	0.72
08/25/2021	17:29:14	78771.66	394751.01	38.85	Soil	11,700	0.13
08/25/2021	17:29:15	78771.67	394750.97	38.87	Soil	11,460	-0.04
08/25/2021	17:29:16	78771.68	394750.99	38.86	Soil	11,640	0.09
08/25/2021	17:29:17	78771.70	394751.03	38.89	Soil	11,280	-0.16
08/25/2021	17:29:18	78771.65	394750.92	38.88	Soil	13,860	1.65
08/25/2021	17:29:19	78771.61	394750.54	38.91	Soil	12,420	0.64
08/25/2021	17:29:20	78771.62	394750.20	38.93	Soil	12,180	0.47
08/25/2021	17:29:21	78771.58	394749.98	38.94	Soil	13,500	1.40
08/25/2021	17:29:22	78771.46	394749.92	38.93	Soil	10,800	-0.50
08/25/2021	17:29:23	78771.17	394749.85	38.96	Soil	10,920	-0.41
08/25/2021	17:29:24	78770.97	394749.79	38.97	Soil	13,260	1.23
08/25/2021	17:29:25	78770.79	394749.68	39.01	Soil	12,660	0.81
08/25/2021	17:29:26	78770.61	394749.61	39.00	Soil	11,280	-0.16

SU 7D GWS RESULTS
(SOIL)

08/25/2021	17:29:27	78770.69	394749.46	39.01	Soil	10,440	-0.75
08/25/2021	17:29:28	78770.43	394749.57	39.05	Soil	12,000	0.34
08/25/2021	17:29:29	78770.26	394749.69	39.06	Soil	10,020	-1.05
08/25/2021	17:29:30	78770.51	394749.76	39.07	Soil	11,520	0.01
08/25/2021	17:29:31	78770.26	394749.98	39.09	Soil	12,780	0.89
08/25/2021	17:29:32	78770.47	394750.07	39.06	Soil	11,220	-0.20
08/25/2021	17:29:33	78770.49	394750.24	39.13	Soil	10,920	-0.41
08/25/2021	17:29:34	78770.55	394750.35	39.01	Soil	12,480	0.68
08/25/2021	17:29:35	78770.89	394750.26	39.07	Soil	12,120	0.43
08/25/2021	17:29:36	78770.88	394750.28	39.03	Soil	10,920	-0.41
08/25/2021	17:29:37	78771.13	394750.08	39.01	Soil	12,540	0.72
08/25/2021	17:29:38	78771.25	394750.18	38.99	Soil	12,540	0.72
08/25/2021	17:29:39	78771.26	394749.99	38.95	Soil	12,420	0.64
08/25/2021	17:29:40	78771.43	394749.93	38.98	Soil	12,660	0.81
08/25/2021	17:29:41	78771.68	394750.06	38.93	Soil	11,340	-0.12
08/25/2021	17:29:42	78771.72	394749.86	38.98	Soil	11,760	0.18
08/25/2021	17:29:43	78771.88	394750.10	39.02	Soil	12,360	0.60
08/25/2021	17:29:44	78771.95	394749.97	38.94	Soil	12,960	1.02
08/25/2021	17:29:45	78772.11	394750.21	38.97	Soil	12,600	0.76
08/25/2021	17:29:46	78772.04	394750.11	38.98	Soil	11,520	0.01
08/25/2021	17:29:47	78771.92	394750.16	39.02	Soil	11,940	0.30
08/25/2021	17:29:48	78771.77	394750.24	39.08	Soil	10,320	-0.84
08/25/2021	17:29:49	78771.64	394750.33	39.09	Soil	10,740	-0.54
08/25/2021	17:29:50	78771.53	394750.43	39.14	Soil	12,780	0.89
08/25/2021	17:29:51	78771.34	394750.33	39.11	Soil	11,400	-0.08
08/25/2021	17:29:52	78771.27	394750.13	39.13	Soil	10,440	-0.75
08/25/2021	17:29:53	78771.20	394750.46	39.12	Soil	11,220	-0.20
08/25/2021	17:29:54	78770.99	394750.51	39.17	Soil	13,380	1.31
08/25/2021	17:29:55	78770.77	394750.25	39.25	Soil	12,720	0.85
08/25/2021	17:29:56	78770.66	394750.26	39.27	Soil	10,260	-0.88
08/25/2021	17:29:57	78770.64	394750.52	39.32	Soil	10,860	-0.46
08/25/2021	17:29:58	78770.77	394750.78	39.49	Soil	11,760	0.18
08/25/2021	17:29:59	78770.89	394750.87	39.49	Soil	11,400	-0.08
08/25/2021	17:30:00	78770.98	394750.85	39.51	Soil	11,220	-0.20
08/25/2021	17:30:01	78771.03	394750.86	39.56	Soil	12,060	0.39
08/25/2021	17:30:02	78771.17	394750.64	39.56	Soil	9,900	-1.13
08/25/2021	17:30:03	78771.14	394750.52	39.64	Soil	11,460	-0.04
08/25/2021	17:30:04	78771.28	394750.47	39.64	Soil	12,240	0.51
08/25/2021	17:30:05	78771.36	394750.39	39.61	Soil	11,460	-0.04
08/25/2021	17:30:06	78771.48	394750.59	39.67	Soil	11,280	-0.16
08/25/2021	17:30:07	78771.57	394750.48	39.66	Soil	12,480	0.68
08/25/2021	17:30:08	78771.71	394750.63	39.70	Soil	13,800	1.61
08/25/2021	17:30:09	78771.61	394750.46	39.69	Soil	10,860	-0.46
08/25/2021	17:30:10	78771.74	394750.43	39.77	Soil	12,900	0.98
08/25/2021	17:30:11	78771.97	394750.52	39.77	Soil	11,760	0.18
08/25/2021	17:30:12	78771.98	394750.27	39.80	Soil	11,460	-0.04
08/25/2021	17:30:13	78772.00	394750.39	39.88	Soil	9,780	-1.21
08/25/2021	17:30:14	78772.01	394750.27	39.81	Soil	9,120	-1.68
08/25/2021	17:30:15	78771.90	394749.98	39.85	Soil	12,660	0.81
08/25/2021	17:30:16	78771.85	394750.01	39.90	Soil	11,940	0.30
08/25/2021	17:30:17	78771.59	394749.82	39.85	Soil	12,780	0.89

SU 7D GWS RESULTS
(SOIL)

08/25/2021	17:30:18	78771.53	394749.76	39.84	Soil	12,720	0.85
08/25/2021	17:30:19	78771.30	394749.88	39.82	Soil	10,620	-0.62
08/25/2021	17:30:20	78771.12	394749.92	39.81	Soil	11,580	0.05
08/25/2021	17:30:21	78771.29	394749.74	39.77	Soil	12,000	0.34
08/25/2021	17:30:22	78770.99	394749.95	39.75	Soil	11,940	0.30
08/25/2021	17:30:23	78770.95	394749.89	39.74	Soil	10,560	-0.67
08/25/2021	17:30:24	78771.00	394749.60	39.72	Soil	12,960	1.02
08/25/2021	17:30:25	78770.73	394749.81	39.72	Soil	10,380	-0.79
08/25/2021	17:30:26	78770.67	394749.86	39.72	Soil	12,540	0.72
08/25/2021	17:30:27	78770.78	394749.53	39.76	Soil	12,360	0.60
08/25/2021	17:30:28	78771.10	394749.38	39.82	Soil	11,640	0.09
08/25/2021	17:30:29	78771.36	394749.44	39.90	Soil	13,440	1.35
08/25/2021	17:30:30	78771.39	394749.54	39.93	Soil	12,180	0.47
08/25/2021	17:30:31	78771.25	394749.64	40.02	Soil	11,940	0.30
08/25/2021	17:30:32	78771.30	394749.71	40.01	Soil	9,960	-1.09
08/25/2021	17:30:33	78771.52	394749.70	40.07	Soil	11,820	0.22
08/25/2021	17:30:34	78771.41	394749.84	40.03	Soil	13,140	1.14
08/25/2021	17:30:35	78771.63	394749.83	39.99	Soil	11,400	-0.08
08/25/2021	17:30:36	78771.66	394749.95	40.02	Soil	12,000	0.34
08/25/2021	17:30:37	78771.70	394749.98	39.94	Soil	12,420	0.64
08/25/2021	17:30:38	78771.83	394750.07	39.97	Soil	11,400	-0.08
08/25/2021	17:30:39	78771.92	394750.05	39.91	Soil	10,500	-0.71
08/25/2021	17:30:40	78772.10	394749.93	39.92	Soil	13,380	1.31
08/25/2021	17:30:41	78772.22	394749.99	39.82	Soil	10,740	-0.54
08/25/2021	17:30:42	78772.23	394749.68	39.84	Soil	12,660	0.81
08/25/2021	17:30:43	78772.25	394749.59	39.83	Soil	10,980	-0.37
08/25/2021	17:30:44	78772.09	394749.43	39.83	Soil	10,920	-0.41
08/25/2021	17:30:45	78772.06	394749.35	39.86	Soil	11,520	0.01
08/25/2021	17:30:46	78771.95	394749.22	39.75	Soil	11,460	-0.04
08/25/2021	17:30:47	78771.78	394749.14	39.78	Soil	10,920	-0.41
08/25/2021	17:30:48	78771.76	394748.99	39.74	Soil	12,180	0.47
08/25/2021	17:30:49	78771.54	394748.98	39.68	Soil	9,480	-1.42
08/25/2021	17:30:50	78771.52	394748.87	39.66	Soil	10,200	-0.92
08/25/2021	17:30:51	78771.58	394748.66	39.57	Soil	10,440	-0.75
08/25/2021	17:30:52	78771.45	394748.55	39.54	Soil	10,920	-0.41
08/25/2021	17:30:53	78771.75	394748.35	39.49	Soil	11,100	-0.29
08/25/2021	17:30:54	78771.87	394748.32	39.49	Soil	12,120	0.43
08/25/2021	17:30:55	78771.73	394748.56	39.51	Soil	11,280	-0.16
08/25/2021	17:30:56	78771.58	394748.66	39.51	Soil	12,120	0.43
08/25/2021	17:30:57	78771.48	394748.66	39.60	Soil	12,600	0.76
08/25/2021	17:30:58	78771.41	394748.55	39.63	Soil	13,560	1.44
08/25/2021	17:30:59	78771.33	394748.42	39.69	Soil	12,840	0.93
08/25/2021	17:31:00	78771.19	394748.18	39.80	Soil	12,600	0.76
08/25/2021	17:31:01	78770.99	394748.28	39.86	Soil	13,860	1.65
08/25/2021	17:31:02	78770.88	394748.63	39.95	Soil	13,920	1.69
08/25/2021	17:31:03	78770.70	394748.86	39.95	Soil	12,300	0.55
08/25/2021	17:31:04	78770.91	394749.12	39.95	Soil	12,720	0.85
08/25/2021	17:31:05	78771.09	394749.29	39.95	Soil	11,280	-0.16
08/25/2021	17:31:06	78771.44	394749.24	39.94	Soil	12,360	0.60
08/25/2021	17:31:07	78771.57	394749.24	39.97	Soil	10,260	-0.88
08/25/2021	17:31:08	78771.71	394749.14	39.94	Soil	11,940	0.30

SU 7D GWS RESULTS
(SOIL)

08/25/2021	17:31:09	78771.85	394749.25	39.97	Soil	11,940	0.30
08/25/2021	17:31:10	78771.97	394749.60	40.01	Soil	12,420	0.64
08/25/2021	17:31:11	78771.72	394749.77	39.99	Soil	11,160	-0.25
08/25/2021	17:31:12	78771.42	394749.88	39.98	Soil	12,600	0.76
08/25/2021	17:31:13	78771.55	394749.81	39.99	Soil	12,720	0.85
08/25/2021	17:31:14	78771.80	394749.72	40.08	Soil	11,820	0.22
08/25/2021	17:33:14	78771.52	394748.73	39.32	Soil	10,620	-0.62
08/25/2021	17:33:15	78771.70	394748.72	39.29	Soil	12,120	0.43
08/25/2021	17:33:16	78771.94	394748.74	39.37	Soil	13,200	1.19
08/25/2021	17:33:17	78771.86	394748.89	39.43	Soil	11,520	0.01
08/25/2021	17:33:18	78771.82	394748.97	39.40	Soil	11,640	0.09
08/25/2021	17:33:19	78771.52	394749.14	39.41	Soil	11,400	-0.08
08/25/2021	17:33:20	78771.55	394749.17	39.46	Soil	9,900	-1.13
08/25/2021	17:33:21	78771.41	394749.27	39.40	Soil	12,060	0.39
08/25/2021	17:33:22	78771.25	394749.11	39.33	Soil	10,560	-0.67
08/25/2021	17:33:23	78771.13	394749.38	39.14	Soil	12,600	0.76
08/25/2021	17:33:24	78771.01	394749.73	38.99	Soil	14,160	1.86
08/25/2021	17:33:25	78771.14	394749.88	39.02	Soil	10,560	-0.67
08/25/2021	17:33:26	78771.30	394749.62	39.01	Soil	10,560	-0.67
08/25/2021	17:33:27	78771.40	394749.47	39.00	Soil	12,660	0.81
08/25/2021	17:33:28	78771.75	394749.50	39.04	Soil	11,280	-0.16
08/25/2021	17:33:29	78771.71	394749.42	39.09	Soil	11,160	-0.25
08/25/2021	17:33:30	78771.67	394749.43	39.13	Soil	11,700	0.13
08/25/2021	17:33:31	78771.56	394749.54	39.15	Soil	11,640	0.09
08/25/2021	17:33:32	78771.45	394749.61	39.17	Soil	12,660	0.81
08/25/2021	17:33:33	78771.37	394749.66	39.16	Soil	10,740	-0.54
08/25/2021	17:33:34	78771.29	394749.55	39.20	Soil	10,020	-1.05
08/25/2021	17:33:35	78771.29	394749.40	39.25	Soil	11,280	-0.16
08/25/2021	17:33:36	78771.28	394749.34	39.25	Soil	12,840	0.93
08/25/2021	17:33:37	78771.10	394749.47	39.24	Soil	11,760	0.18
08/25/2021	17:33:38	78771.02	394749.50	39.27	Soil	14,100	1.82
08/25/2021	17:33:39	78770.90	394749.53	39.30	Soil	11,520	0.01
08/25/2021	17:33:40	78771.08	394749.32	39.33	Soil	10,800	-0.50
08/25/2021	17:33:41	78771.41	394749.09	39.33	Soil	11,940	0.30
08/25/2021	17:33:42	78771.35	394748.99	39.33	Soil	11,280	-0.16
08/25/2021	17:33:43	78771.21	394748.97	39.33	Soil	13,080	1.10
08/25/2021	17:33:44	78771.08	394748.98	39.40	Soil	12,720	0.85
08/25/2021	17:33:45	78770.92	394749.11	39.68	Soil	12,060	0.39
08/25/2021	17:33:46	78770.77	394749.02	39.91	Soil	11,580	0.05
08/25/2021	17:33:47	78770.56	394748.92	40.00	Soil	11,280	-0.16
08/25/2021	17:33:48	78770.44	394749.06	40.07	Soil	11,220	-0.20
08/25/2021	17:33:49	78770.42	394749.22	40.06	Soil	11,040	-0.33
08/25/2021	17:33:50	78770.67	394749.48	40.01	Soil	10,740	-0.54
08/25/2021	17:33:51	78770.79	394749.66	39.97	Soil	11,100	-0.29
08/25/2021	17:33:52	78771.00	394749.77	39.89	Soil	12,900	0.98
08/25/2021	17:33:53	78771.24	394749.90	39.87	Soil	11,760	0.18
08/25/2021	17:33:54	78771.64	394749.95	39.81	Soil	11,220	-0.20
08/25/2021	17:33:55	78771.94	394749.97	39.79	Soil	12,780	0.89
08/25/2021	17:33:56	78772.06	394749.88	39.74	Soil	10,980	-0.37
08/25/2021	17:33:57	78772.28	394749.95	39.75	Soil	10,620	-0.62
08/25/2021	17:33:58	78772.25	394750.04	39.75	Soil	12,420	0.64

SU 7D GWS RESULTS
(SOIL)

08/25/2021	17:33:59	78772.36	394750.05	39.78	Soil	12,660	0.81
08/25/2021	17:34:00	78772.39	394750.10	39.77	Soil	11,160	-0.25
08/25/2021	17:34:01	78772.27	394750.39	39.81	Soil	9,480	-1.42
08/25/2021	17:34:02	78772.24	394750.40	39.82	Soil	11,460	-0.04
08/25/2021	17:34:03	78772.15	394750.63	39.83	Soil	12,600	0.76
08/25/2021	17:34:04	78772.25	394750.72	39.86	Soil	11,460	-0.04
08/25/2021	17:34:05	78772.30	394750.85	39.84	Soil	14,400	2.03
08/25/2021	17:34:06	78772.63	394750.76	39.85	Soil	10,920	-0.41
08/25/2021	17:34:07	78772.70	394750.82	39.86	Soil	12,000	0.34
08/25/2021	17:34:08	78773.13	394750.66	39.84	Soil	11,580	0.05
08/25/2021	17:34:09	78773.24	394750.67	39.84	Soil	11,280	-0.16
08/25/2021	17:34:10	78773.29	394750.72	39.83	Soil	13,020	1.06
08/25/2021	17:34:11	78773.55	394750.65	39.81	Soil	13,860	1.65
08/25/2021	17:34:12	78773.35	394750.94	39.82	Soil	14,040	1.78
08/25/2021	17:34:13	78773.59	394750.94	39.83	Soil	13,440	1.35
08/25/2021	17:34:14	78773.83	394751.06	39.77	Soil	12,120	0.43
08/25/2021	17:34:15	78773.72	394751.29	39.71	Soil	11,160	-0.25
08/25/2021	17:34:16	78774.01	394751.17	39.66	Soil	13,200	1.19
08/25/2021	17:34:17	78774.10	394751.29	39.55	Soil	13,020	1.06
08/25/2021	17:34:18	78774.17	394751.34	39.50	Soil	13,260	1.23
08/25/2021	17:34:19	78774.43	394751.08	39.39	Soil	15,360	2.70
08/25/2021	17:34:20	78774.39	394751.32	39.34	Soil	12,180	0.47
08/25/2021	17:34:21	78774.47	394751.32	39.32	Soil	13,920	1.69
08/25/2021	17:34:22	78774.65	394751.24	39.22	Soil	10,380	-0.79
08/25/2021	17:34:23	78774.61	394751.45	39.16	Soil	10,800	-0.50
08/25/2021	17:34:24	78774.87	394751.26	39.11	Soil	15,540	2.83
08/25/2021	17:34:25	78774.97	394751.37	39.07	Soil	11,820	0.22
08/25/2021	17:34:26	78774.99	394751.55	39.03	Soil	14,460	2.07
08/25/2021	17:34:27	78775.25	394751.33	38.98	Soil	11,880	0.26
08/25/2021	17:34:28	78775.05	394751.69	38.98	Soil	13,800	1.61
08/25/2021	17:34:29	78775.27	394751.61	38.96	Soil	12,300	0.55
08/25/2021	17:34:30	78775.39	394751.58	38.91	Soil	12,300	0.55
08/25/2021	17:34:31	78775.25	394751.86	38.87	Soil	12,960	1.02
08/25/2021	17:34:32	78775.55	394751.80	38.86	Soil	10,860	-0.46
08/25/2021	17:34:33	78775.55	394751.93	38.90	Soil	11,940	0.30
08/25/2021	17:34:34	78775.88	394751.59	38.93	Soil	11,880	0.26
08/25/2021	17:34:35	78776.08	394751.52	38.96	Soil	12,780	0.89
08/25/2021	17:34:36	78776.16	394751.12	39.02	Soil	11,100	-0.29
08/25/2021	17:34:37	78776.13	394751.06	38.99	Soil	12,960	1.02
08/25/2021	17:34:38	78775.84	394751.08	38.98	Soil	11,460	-0.04
08/25/2021	17:34:39	78776.03	394750.87	38.99	Soil	14,220	1.90
08/25/2021	17:34:40	78775.75	394751.04	38.96	Soil	13,260	1.23
08/25/2021	17:34:41	78775.61	394751.01	38.91	Soil	11,640	0.09
08/25/2021	17:34:42	78775.62	394750.96	38.86	Soil	12,780	0.89
08/25/2021	17:34:43	78775.56	394751.13	38.85	Soil	13,260	1.23
08/25/2021	17:34:44	78775.56	394750.93	38.90	Soil	12,780	0.89
08/25/2021	17:34:45	78775.68	394750.86	38.84	Soil	15,660	2.91
08/25/2021	17:34:46	78775.40	394750.99	38.81	Soil	13,740	1.56
08/25/2021	17:34:47	78775.46	394750.80	38.93	Soil	12,420	0.64
08/25/2021	17:34:48	78775.50	394750.75	38.87	Soil	13,740	1.56
08/25/2021	17:34:49	78775.10	394750.80	38.84	Soil	14,160	1.86

SU 7D GWS RESULTS
(SOIL)

08/25/2021	17:34:50	78775.06	394750.60	38.81	Soil	13,860	1.65
08/25/2021	17:34:51	78774.98	394750.66	38.80	Soil	12,660	0.81
08/25/2021	17:34:52	78774.74	394750.66	38.79	Soil	14,340	1.99
08/25/2021	17:34:53	78774.72	394750.38	38.76	Soil	12,780	0.89
08/25/2021	17:34:54	78774.41	394750.65	38.76	Soil	12,180	0.47
08/25/2021	17:34:55	78774.50	394750.39	38.74	Soil	12,180	0.47
08/25/2021	17:34:56	78774.45	394750.34	38.65	Soil	12,780	0.89
08/25/2021	17:34:57	78774.06	394750.49	38.63	Soil	11,280	-0.16
08/25/2021	17:34:58	78774.19	394750.30	38.65	Soil	11,340	-0.12
08/25/2021	17:34:59	78774.15	394750.25	38.59	Soil	11,040	-0.33
08/25/2021	17:35:00	78773.81	394750.32	38.56	Soil	10,680	-0.58
08/25/2021	17:35:01	78774.00	394750.07	38.57	Soil	11,820	0.22
08/25/2021	17:35:02	78773.79	394750.23	38.50	Soil	12,900	0.98
08/25/2021	17:35:03	78773.55	394750.24	38.45	Soil	11,760	0.18
08/25/2021	17:35:04	78773.64	394750.03	38.42	Soil	10,740	-0.54
08/25/2021	17:35:05	78773.28	394750.18	38.36	Soil	12,720	0.85
08/25/2021	17:35:06	78773.29	394750.12	38.29	Soil	12,900	0.98
08/25/2021	17:35:07	78773.32	394749.94	38.23	Soil	12,780	0.89
08/25/2021	17:35:08	78772.79	394750.16	38.18	Soil	10,500	-0.71
08/25/2021	17:35:09	78772.90	394749.89	38.20	Soil	12,480	0.68
08/25/2021	17:35:10	78772.60	394750.10	38.19	Soil	12,420	0.64
08/25/2021	17:35:11	78772.45	394750.13	38.62	Soil	10,620	-0.62
08/25/2021	17:35:12	78772.35	394749.99	38.77	Soil	10,980	-0.37
08/25/2021	17:35:13	78771.86	394750.09	38.92	Soil	9,780	-1.21
08/25/2021	17:35:14	78771.78	394749.68	39.08	Soil	11,820	0.22
08/25/2021	17:35:15	78771.60	394750.23	39.23	Soil	12,000	0.34
08/25/2021	17:35:16	78771.66	394750.54	39.30	Soil	10,680	-0.58
08/25/2021	17:35:17	78771.76	394750.44	39.35	Soil	11,640	0.09
08/25/2021	17:35:18	78771.94	394750.44	39.34	Soil	13,080	1.10
08/25/2021	17:35:19	78772.02	394750.49	39.33	Soil	12,240	0.51
08/25/2021	17:35:20	78772.22	394750.34	39.31	Soil	15,240	2.62
08/25/2021	17:35:21	78772.20	394750.53	39.37	Soil	11,400	-0.08
08/25/2021	17:35:22	78772.40	394750.42	39.44	Soil	10,740	-0.54
08/25/2021	17:35:23	78772.42	394750.54	39.47	Soil	10,920	-0.41
08/25/2021	17:35:24	78772.39	394750.49	39.50	Soil	10,980	-0.37
08/25/2021	17:35:25	78772.71	394750.31	39.55	Soil	11,640	0.09
08/25/2021	17:35:26	78772.62	394750.56	39.54	Soil	12,300	0.55
08/25/2021	17:35:27	78772.63	394750.52	39.59	Soil	11,760	0.18
08/25/2021	17:35:28	78772.82	394750.53	39.69	Soil	10,800	-0.50
08/25/2021	17:35:29	78772.79	394750.77	39.75	Soil	14,100	1.82
08/25/2021	17:35:30	78772.79	394750.73	39.74	Soil	12,360	0.60
08/25/2021	17:35:31	78773.14	394750.70	39.71	Soil	11,640	0.09
08/25/2021	17:35:32	78773.18	394750.76	39.71	Soil	11,280	-0.16
08/25/2021	17:35:33	78773.24	394750.57	39.71	Soil	12,360	0.60
08/25/2021	17:35:34	78773.32	394750.50	39.68	Soil	11,580	0.05
08/25/2021	17:35:35	78773.27	394750.58	39.68	Soil	11,520	0.01
08/25/2021	17:35:36	78773.16	394750.32	39.69	Soil	13,260	1.23
08/25/2021	17:35:37	78772.98	394750.58	39.63	Soil	10,620	-0.62
08/25/2021	17:35:38	78772.57	394750.37	39.65	Soil	10,980	-0.37
08/25/2021	17:35:39	78772.41	394750.09	39.66	Soil	11,580	0.05
08/25/2021	17:35:40	78772.59	394750.21	39.68	Soil	10,920	-0.41

SU 7D GWS RESULTS
(SOIL)

08/25/2021	17:35:41	78772.95	394750.23	39.67	Soil	12,060	0.39
08/25/2021	17:35:42	78773.00	394750.41	39.65	Soil	11,460	-0.04
08/25/2021	17:35:43	78773.12	394750.44	39.65	Soil	11,520	0.01
08/25/2021	17:35:44	78773.06	394750.39	39.64	Soil	12,540	0.72
08/25/2021	17:35:45	78773.27	394750.42	39.66	Soil	11,940	0.30
08/25/2021	17:35:46	78773.42	394750.59	39.74	Soil	13,560	1.44
08/25/2021	17:35:47	78773.60	394750.64	39.83	Soil	11,460	-0.04
08/25/2021	17:35:48	78773.78	394750.58	39.88	Soil	12,660	0.81
08/25/2021	17:35:49	78773.44	394750.97	39.92	Soil	13,500	1.40
08/25/2021	17:35:50	78773.66	394750.77	39.95	Soil	13,020	1.06
08/25/2021	17:35:51	78773.76	394750.77	39.94	Soil	13,860	1.65
08/25/2021	17:35:52	78773.62	394751.00	39.94	Soil	12,360	0.60
08/25/2021	17:35:53	78773.67	394751.02	39.86	Soil	12,120	0.43
08/25/2021	17:35:54	78774.04	394750.88	39.84	Soil	13,980	1.73
08/25/2021	17:35:55	78773.98	394751.08	39.78	Soil	10,440	-0.75
08/25/2021	17:35:56	78774.03	394751.20	39.75	Soil	12,900	0.98
08/25/2021	17:35:57	78774.32	394750.92	39.69	Soil	13,440	1.35
08/25/2021	17:35:58	78774.43	394751.00	39.68	Soil	12,840	0.93
08/25/2021	17:35:59	78774.35	394751.02	39.65	Soil	12,720	0.85
08/25/2021	17:36:00	78774.46	394750.75	39.63	Soil	12,360	0.60
08/25/2021	17:36:01	78774.60	394750.77	39.64	Soil	11,700	0.13
08/25/2021	17:36:02	78774.51	394750.62	39.60	Soil	13,380	1.31
08/25/2021	17:36:03	78774.43	394750.54	39.57	Soil	11,940	0.30
08/25/2021	17:36:04	78774.50	394750.55	39.54	Soil	12,480	0.68
08/25/2021	17:36:05	78774.67	394750.87	39.52	Soil	13,020	1.06
08/25/2021	17:36:06	78774.65	394751.03	39.51	Soil	14,280	1.94
08/25/2021	17:36:07	78774.53	394751.09	39.55	Soil	12,000	0.34
08/25/2021	17:36:08	78774.63	394751.04	39.55	Soil	13,260	1.23
08/25/2021	17:36:09	78774.85	394751.00	39.52	Soil	12,420	0.64
08/25/2021	17:36:10	78775.13	394750.77	39.43	Soil	12,540	0.72
08/25/2021	17:36:11	78775.11	394751.06	39.40	Soil	13,800	1.61
08/25/2021	17:36:12	78775.22	394750.96	39.43	Soil	15,000	2.45
08/25/2021	17:36:13	78775.06	394751.13	39.44	Soil	12,720	0.85
08/25/2021	17:36:14	78775.03	394751.23	39.45	Soil	13,500	1.40
08/25/2021	17:36:15	78774.91	394751.14	39.43	Soil	14,160	1.86
08/25/2021	17:36:16	78774.93	394751.30	39.39	Soil	14,100	1.82
08/25/2021	17:36:17	78775.11	394751.39	39.40	Soil	11,940	0.30
08/25/2021	17:36:18	78775.31	394751.60	39.39	Soil	12,600	0.76
08/25/2021	17:36:19	78775.50	394751.76	39.42	Soil	11,700	0.13
08/25/2021	17:36:20	78775.68	394751.64	39.42	Soil	11,580	0.05
08/25/2021	17:36:21	78775.96	394751.63	39.41	Soil	12,960	1.02
08/25/2021	17:36:22	78776.05	394751.39	39.42	Soil	12,240	0.51
08/25/2021	17:36:23	78776.30	394751.11	39.42	Soil	11,160	-0.25
08/25/2021	17:36:24	78776.16	394750.97	39.42	Soil	15,180	2.58
08/25/2021	17:36:25	78775.95	394750.78	39.46	Soil	13,500	1.40
08/25/2021	17:36:26	78775.97	394750.61	39.46	Soil	16,020	3.16
08/25/2021	17:36:27	78775.70	394750.63	39.47	Soil	12,840	0.93
08/25/2021	17:36:28	78775.62	394750.61	39.46	Soil	12,600	0.76
08/25/2021	17:36:29	78775.48	394750.54	39.47	Soil	11,700	0.13
08/25/2021	17:36:30	78775.30	394750.87	39.43	Soil	13,860	1.65
08/25/2021	17:36:31	78775.14	394750.92	39.45	Soil	13,500	1.40

SU 7D GWS RESULTS
(SOIL)

08/25/2021	17:36:32	78775.26	394751.11	39.43	Soil	13,860	1.65
08/25/2021	17:36:33	78775.23	394751.15	39.40	Soil	15,060	2.49
08/25/2021	17:36:34	78775.31	394750.99	39.38	Soil	13,620	1.48
08/25/2021	17:36:35	78775.54	394751.02	39.35	Soil	12,540	0.72
08/25/2021	17:36:36	78776.03	394751.25	39.35	Soil	13,500	1.40
08/25/2021	17:36:37	78776.14	394751.12	39.33	Soil	13,200	1.19
08/25/2021	17:36:38	78776.13	394751.23	39.34	Soil	14,100	1.82
08/25/2021	17:36:39	78775.84	394751.30	39.30	Soil	13,860	1.65
08/25/2021	17:36:40	78775.71	394751.21	39.25	Soil	11,820	0.22
08/25/2021	17:36:41	78775.73	394751.26	39.22	Soil	14,040	1.78
08/25/2021	17:36:42	78775.73	394751.33	39.20	Soil	13,680	1.52
08/25/2021	17:36:43	78775.76	394751.18	39.24	Soil	12,780	0.89
08/25/2021	17:36:44	78775.71	394751.33	39.21	Soil	18,360	4.81
08/25/2021	17:36:45	78775.59	394751.39	39.16	Soil	13,980	1.73
08/25/2021	17:36:46	78775.55	394751.35	39.12	Soil	15,720	2.95
08/25/2021	17:36:47	78775.56	394751.34	39.10	Soil	12,780	0.89
08/25/2021	17:36:48	78775.59	394751.36	39.08	Soil	15,060	2.49
08/25/2021	17:36:49	78775.68	394751.32	39.17	Soil	14,400	2.03
08/25/2021	17:36:50	78775.65	394751.05	39.12	Soil	13,320	1.27
08/25/2021	17:36:51	78775.42	394751.12	39.08	Soil	11,820	0.22
08/25/2021	17:36:52	78775.37	394750.80	39.04	Soil	12,420	0.64
08/25/2021	17:36:53	78775.21	394750.69	39.02	Soil	12,960	1.02
08/25/2021	17:36:54	78775.29	394750.62	39.00	Soil	12,780	0.89
08/25/2021	17:36:55	78775.38	394750.40	39.00	Soil	12,840	0.93
08/25/2021	17:36:56	78775.04	394750.39	38.99	Soil	12,300	0.55
08/25/2021	17:36:57	78775.12	394750.10	38.99	Soil	12,960	1.02
08/25/2021	17:36:58	78774.88	394750.23	38.96	Soil	12,900	0.98
08/25/2021	17:36:59	78774.76	394749.99	39.04	Soil	12,540	0.72
08/25/2021	17:37:00	78774.78	394749.96	38.99	Soil	12,300	0.55
08/25/2021	17:37:01	78774.53	394750.10	38.92	Soil	11,040	-0.33
08/25/2021	17:37:02	78774.59	394749.86	38.93	Soil	11,460	-0.04
08/25/2021	17:37:03	78774.28	394750.14	38.85	Soil	11,880	0.26
08/25/2021	17:37:04	78774.17	394750.04	38.83	Soil	13,260	1.23
08/25/2021	17:37:05	78773.96	394750.06	38.83	Soil	9,660	-1.30
08/25/2021	17:37:06	78773.76	394750.34	38.76	Soil	11,520	0.01
08/25/2021	17:37:07	78773.79	394749.99	38.73	Soil	11,580	0.05
08/25/2021	17:37:08	78773.54	394750.32	38.68	Soil	11,940	0.30
08/25/2021	17:37:09	78773.45	394750.12	38.65	Soil	11,160	-0.25
08/25/2021	17:37:10	78773.44	394750.06	38.65	Soil	10,380	-0.79
08/25/2021	17:37:11	78773.02	394750.21	38.65	Soil	11,640	0.09
08/25/2021	17:37:12	78773.14	394749.89	38.64	Soil	11,640	0.09
08/25/2021	17:37:13	78772.68	394750.20	38.64	Soil	12,120	0.43
08/25/2021	17:37:14	78772.54	394749.91	38.71	Soil	10,620	-0.62
08/25/2021	17:37:15	78772.50	394750.03	38.67	Soil	11,220	-0.20
08/25/2021	17:37:16	78772.16	394750.35	38.63	Soil	13,380	1.31
08/25/2021	17:37:17	78772.13	394749.98	38.63	Soil	10,200	-0.92
08/25/2021	17:37:18	78772.17	394750.16	38.72	Soil	11,040	-0.33
08/25/2021	17:37:19	78772.08	394750.78	38.79	Soil	11,640	0.09
08/25/2021	17:37:20	78772.25	394750.67	38.77	Soil	13,140	1.14
08/25/2021	17:37:21	78772.62	394750.43	38.83	Soil	11,340	-0.12
08/25/2021	17:37:22	78772.66	394750.47	38.85	Soil	10,860	-0.46

SU 7D GWS RESULTS
(SOIL)

08/25/2021	17:37:23	78772.78	394750.35	38.91	Soil	12,420	0.64
08/25/2021	17:37:24	78772.93	394750.07	39.01	Soil	11,760	0.18
08/25/2021	17:37:25	78772.56	394749.89	39.01	Soil	12,180	0.47
08/25/2021	17:37:26	78772.39	394749.63	39.07	Soil	10,740	-0.54
08/25/2021	17:37:27	78772.12	394749.43	39.08	Soil	11,640	0.09
08/25/2021	17:37:28	78772.34	394749.26	39.10	Soil	11,820	0.22
08/25/2021	17:37:29	78772.34	394749.18	39.08	Soil	9,180	-1.64
08/25/2021	17:37:30	78772.69	394749.24	39.08	Soil	11,340	-0.12
08/25/2021	17:37:31	78772.43	394749.36	39.07	Soil	11,880	0.26
08/25/2021	17:37:32	78772.59	394749.51	39.06	Soil	12,480	0.68
08/25/2021	17:37:33	78772.38	394749.53	39.13	Soil	10,980	-0.37
08/25/2021	17:37:34	78772.66	394749.76	39.16	Soil	11,580	0.05
08/25/2021	17:37:35	78772.97	394749.92	39.28	Soil	10,140	-0.96
08/25/2021	17:37:36	78773.10	394749.77	39.31	Soil	11,820	0.22
08/25/2021	17:37:37	78773.40	394749.52	39.35	Soil	10,860	-0.46
08/25/2021	17:37:38	78773.43	394749.62	39.40	Soil	12,480	0.68
08/25/2021	17:37:39	78773.39	394749.39	39.41	Soil	10,500	-0.71
08/25/2021	17:37:40	78773.24	394749.47	39.41	Soil	12,180	0.47
08/25/2021	17:37:41	78773.38	394749.19	39.50	Soil	12,180	0.47
08/25/2021	17:37:42	78773.15	394749.29	39.51	Soil	11,340	-0.12
08/25/2021	17:37:43	78773.26	394749.08	39.51	Soil	12,480	0.68
08/25/2021	17:37:44	78772.97	394749.15	39.55	Soil	13,200	1.19
08/25/2021	17:37:45	78772.91	394749.15	39.55	Soil	10,740	-0.54
08/25/2021	17:37:46	78772.85	394749.17	39.55	Soil	11,580	0.05
08/25/2021	17:37:46	78772.64	394749.31	39.55	Soil	11,940	0.30
08/25/2021	17:37:48	78772.59	394749.43	39.61	Soil	12,000	0.34
08/25/2021	17:37:49	78772.46	394749.63	39.67	Soil	11,400	-0.08
08/25/2021	17:37:50	78772.78	394749.62	39.72	Soil	11,340	-0.12
08/25/2021	17:37:51	78772.81	394749.79	39.79	Soil	12,540	0.72
08/25/2021	17:37:52	78773.00	394749.53	39.81	Soil	12,120	0.43
08/25/2021	17:37:53	78772.99	394749.48	39.85	Soil	11,220	-0.20
08/25/2021	17:37:54	78773.02	394749.31	39.85	Soil	13,200	1.19
08/25/2021	17:37:55	78772.93	394749.17	39.86	Soil	10,680	-0.58
08/25/2021	17:37:56	78772.73	394749.20	39.86	Soil	13,140	1.14
08/25/2021	17:37:57	78772.63	394749.31	39.90	Soil	10,920	-0.41
08/25/2021	17:37:58	78773.07	394749.38	39.93	Soil	12,720	0.85
08/25/2021	17:37:59	78773.07	394749.34	39.97	Soil	12,480	0.68
08/25/2021	17:38:00	78772.75	394749.18	39.94	Soil	10,500	-0.71
08/25/2021	17:38:00	78772.31	394749.01	39.94	Soil	12,960	1.02
08/25/2021	17:38:02	78772.32	394748.83	39.91	Soil	10,980	-0.37
08/25/2021	17:38:03	78772.15	394748.68	39.96	Soil	11,220	-0.20
08/25/2021	17:38:03	78772.28	394748.70	39.96	Soil	10,860	-0.46
08/25/2021	17:38:05	78772.24	394748.55	39.92	Soil	11,340	-0.12
08/25/2021	17:38:06	78772.02	394748.64	40.01	Soil	10,920	-0.41
08/25/2021	17:38:07	78771.72	394748.59	40.08	Soil	11,400	-0.08
08/25/2021	17:38:08	78771.62	394748.47	40.09	Soil	11,820	0.22
08/25/2021	17:38:08	78771.64	394748.57	40.09	Soil	10,560	-0.67
08/25/2021	17:38:10	78771.71	394748.60	40.08	Soil	10,980	-0.37
08/25/2021	17:38:10	78771.75	394748.74	40.11	Soil	9,960	-1.09
08/25/2021	17:38:12	78771.91	394748.94	40.15	Soil	12,660	0.81
08/25/2021	17:38:13	78771.97	394748.91	40.07	Soil	11,520	0.01

SU 7D GWS RESULTS
(SOIL)

08/25/2021	17:38:14	78772.28	394748.77	40.10	Soil	12,420	0.64
08/25/2021	17:38:15	78772.70	394748.85	40.14	Soil	12,540	0.72
08/25/2021	17:38:16	78772.94	394748.72	40.17	Soil	13,260	1.23
08/25/2021	17:38:17	78773.07	394748.75	40.21	Soil	10,800	-0.50
08/25/2021	17:38:18	78773.19	394748.77	40.21	Soil	13,140	1.14
08/25/2021	17:38:19	78773.15	394748.53	40.22	Soil	11,340	-0.12
08/25/2021	17:38:19	78773.10	394748.52	40.22	Soil	12,420	0.64
08/25/2021	17:38:21	78773.13	394748.61	40.23	Soil	11,640	0.09
08/25/2021	17:38:22	78773.03	394748.48	40.19	Soil	11,700	0.13
08/25/2021	17:38:23	78773.07	394748.38	40.20	Soil	12,720	0.85
08/25/2021	17:38:24	78772.55	394748.39	40.20	Soil	12,540	0.72
08/25/2021	17:38:24	78772.60	394748.32	40.14	Soil	12,300	0.55
08/25/2021	17:38:26	78772.44	394748.12	40.12	Soil	10,500	-0.71
08/25/2021	17:38:26	78772.33	394748.18	40.12	Soil	11,100	-0.29
08/25/2021	17:38:27	78772.21	394748.17	40.08	Soil	12,420	0.64
08/25/2021	17:38:29	78772.14	394748.32	40.11	Soil	12,180	0.47
08/25/2021	17:38:30	78772.21	394748.52	40.12	Soil	11,460	-0.04
08/25/2021	17:38:31	78772.65	394748.48	40.12	Soil	13,560	1.44
08/25/2021	17:38:32	78772.89	394748.59	40.05	Soil	11,940	0.30
08/25/2021	17:38:33	78772.97	394748.67	39.99	Soil	12,420	0.64
08/25/2021	17:38:34	78773.19	394748.68	39.99	Soil	10,800	-0.50
08/25/2021	17:38:35	78773.09	394748.86	39.98	Soil	12,120	0.43
08/25/2021	17:38:36	78773.36	394748.83	39.93	Soil	11,580	0.05
08/25/2021	17:38:37	78773.44	394748.86	39.92	Soil	12,900	0.98
08/25/2021	17:38:38	78773.48	394749.00	39.90	Soil	11,760	0.18
08/25/2021	17:38:39	78773.73	394748.88	39.91	Soil	12,660	0.81
08/25/2021	17:38:40	78773.57	394749.07	39.91	Soil	13,680	1.52
08/25/2021	17:38:41	78773.41	394749.18	39.88	Soil	12,180	0.47
08/25/2021	17:38:42	78773.54	394749.19	39.88	Soil	11,640	0.09
08/25/2021	17:38:43	78773.52	394749.17	39.88	Soil	11,100	-0.29
08/25/2021	17:38:44	78773.61	394749.24	39.91	Soil	11,520	0.01
08/25/2021	17:38:45	78773.40	394749.27	39.94	Soil	12,120	0.43
08/25/2021	17:38:46	78773.40	394749.29	39.96	Soil	11,700	0.13
08/25/2021	17:38:47	78773.52	394749.52	40.02	Soil	11,700	0.13
08/25/2021	17:38:48	78773.37	394749.64	39.99	Soil	11,220	-0.20
08/25/2021	17:38:49	78773.66	394749.95	40.02	Soil	13,920	1.69
08/25/2021	17:38:50	78773.54	394750.13	40.02	Soil	12,360	0.60
08/25/2021	17:38:51	78773.71	394750.29	39.96	Soil	13,020	1.06
08/25/2021	17:38:52	78774.13	394750.41	39.96	Soil	11,940	0.30
08/25/2021	17:38:53	78774.34	394749.92	39.95	Soil	11,580	0.05
08/25/2021	17:38:54	78774.37	394749.69	39.95	Soil	11,880	0.26
08/25/2021	17:38:55	78774.16	394749.45	39.90	Soil	12,000	0.34
08/25/2021	17:38:56	78774.23	394749.37	39.91	Soil	10,980	-0.37
08/25/2021	17:38:57	78773.85	394749.29	39.91	Soil	11,100	-0.29
08/25/2021	17:38:58	78774.16	394749.12	39.91	Soil	11,220	-0.20
08/25/2021	17:38:59	78773.94	394748.97	39.91	Soil	10,920	-0.41
08/25/2021	17:39:00	78774.13	394748.97	39.89	Soil	11,880	0.26
08/25/2021	17:39:01	78774.11	394748.86	39.88	Soil	11,820	0.22
08/25/2021	17:39:02	78773.99	394748.75	39.89	Soil	9,900	-1.13
08/25/2021	17:39:03	78774.30	394748.71	39.87	Soil	10,860	-0.46
08/25/2021	17:39:04	78773.91	394748.52	39.87	Soil	12,300	0.55

SU 7D GWS RESULTS
(SOIL)

08/25/2021	17:39:05	78774.25	394748.50	39.86	Soil	11,460	-0.04
08/25/2021	17:39:06	78773.98	394748.34	39.80	Soil	11,220	-0.20
08/25/2021	17:39:07	78774.05	394748.18	39.80	Soil	12,180	0.47
08/25/2021	17:39:08	78773.89	394748.35	39.76	Soil	13,740	1.56
08/25/2021	17:39:09	78773.97	394748.78	39.79	Soil	12,420	0.64
08/25/2021	17:39:10	78773.93	394749.15	39.80	Soil	11,880	0.26
08/25/2021	17:39:11	78773.71	394749.19	39.80	Soil	12,660	0.81
08/25/2021	17:39:12	78774.07	394749.39	39.82	Soil	11,700	0.13
08/25/2021	17:39:13	78773.79	394749.44	39.80	Soil	11,220	-0.20
08/25/2021	17:39:14	78773.95	394749.58	39.81	Soil	9,420	-1.47
08/25/2021	17:39:15	78773.96	394749.73	39.85	Soil	11,160	-0.25
08/25/2021	17:39:16	78773.78	394749.87	39.81	Soil	12,540	0.72
08/25/2021	17:39:17	78773.99	394750.05	39.83	Soil	11,820	0.22
08/25/2021	17:39:18	78773.88	394750.04	39.80	Soil	11,040	-0.33
08/25/2021	17:39:19	78773.81	394749.81	39.80	Soil	11,340	-0.12
08/25/2021	17:39:20	78773.71	394749.42	39.80	Soil	11,880	0.26
08/25/2021	17:39:21	78773.68	394749.37	39.82	Soil	10,980	-0.37
08/25/2021	17:39:22	78773.83	394749.39	39.82	Soil	12,240	0.51
08/25/2021	17:39:23	78774.01	394749.53	39.83	Soil	12,300	0.55
08/25/2021	17:39:24	78774.24	394749.49	39.86	Soil	10,980	-0.37
08/25/2021	17:39:25	78774.49	394749.48	39.85	Soil	11,340	-0.12
08/25/2021	17:39:26	78774.59	394749.54	39.85	Soil	12,480	0.68
08/25/2021	17:39:27	78774.70	394749.39	39.80	Soil	12,900	0.98
08/25/2021	17:39:28	78774.78	394749.31	39.80	Soil	10,380	-0.79
08/25/2021	17:39:29	78774.88	394749.69	39.78	Soil	14,940	2.41
08/25/2021	17:39:30	78774.89	394749.28	39.80	Soil	11,880	0.26
08/25/2021	17:39:31	78774.90	394749.05	39.80	Soil	11,760	0.18
08/25/2021	17:39:32	78774.93	394749.02	39.82	Soil	10,980	-0.37
08/25/2021	17:39:33	78774.73	394748.80	39.83	Soil	10,620	-0.62
08/25/2021	17:39:34	78774.86	394748.88	39.82	Soil	11,100	-0.29
08/25/2021	17:39:35	78774.67	394748.80	39.82	Soil	11,460	-0.04
08/25/2021	17:39:36	78774.36	394749.12	39.82	Soil	10,860	-0.46
08/25/2021	17:39:37	78774.19	394749.07	39.87	Soil	10,800	-0.50
08/25/2021	17:39:38	78773.99	394749.33	39.86	Soil	10,980	-0.37
08/25/2021	17:39:39	78774.05	394749.05	39.88	Soil	11,280	-0.16
08/25/2021	17:39:40	78774.26	394749.04	39.88	Soil	11,340	-0.12
08/25/2021	17:39:41	78774.36	394748.82	39.86	Soil	11,160	-0.25
08/25/2021	17:39:42	78774.51	394748.88	39.81	Soil	11,040	-0.33
08/25/2021	17:39:43	78774.61	394748.79	39.81	Soil	12,120	0.43
08/25/2021	17:39:44	78774.53	394748.88	39.86	Soil	11,040	-0.33
08/25/2021	17:39:45	78774.39	394749.08	39.86	Soil	12,780	0.89
08/25/2021	17:39:46	78774.25	394749.04	39.86	Soil	11,100	-0.29
08/25/2021	17:39:47	78774.14	394749.02	39.88	Soil	13,500	1.40
08/25/2021	17:39:48	78774.31	394749.21	39.91	Soil	11,580	0.05
08/25/2021	17:39:49	78774.57	394749.31	39.90	Soil	13,860	1.65
08/25/2021	17:39:50	78774.69	394749.50	39.92	Soil	10,860	-0.46
08/25/2021	17:39:51	78774.84	394749.43	39.94	Soil	11,040	-0.33
08/25/2021	17:39:52	78774.97	394749.49	39.87	Soil	11,880	0.26
08/25/2021	17:39:53	78774.94	394749.67	39.87	Soil	10,020	-1.05
08/25/2021	17:39:54	78775.16	394749.60	39.89	Soil	11,580	0.05
08/25/2021	17:39:55	78774.92	394749.81	39.91	Soil	11,280	-0.16

SU 7D GWS RESULTS
(SOIL)

08/25/2021	17:39:56	78775.08	394749.71	39.90	Soil	10,320	-0.84
08/25/2021	17:39:57	78775.34	394749.88	39.90	Soil	12,060	0.39
08/25/2021	17:39:58	78775.07	394750.12	39.85	Soil	11,340	-0.12
08/25/2021	17:39:59	78775.46	394749.99	39.83	Soil	11,760	0.18
08/25/2021	17:40:00	78775.22	394750.29	39.78	Soil	12,300	0.55
08/25/2021	17:40:01	78775.40	394750.24	39.82	Soil	13,260	1.23
08/25/2021	17:40:02	78775.33	394750.40	39.74	Soil	12,420	0.64
08/25/2021	17:40:03	78775.32	394750.49	39.74	Soil	11,760	0.18
08/25/2021	17:40:04	78775.54	394750.65	39.74	Soil	14,160	1.86
08/25/2021	17:40:05	78775.49	394750.75	39.75	Soil	13,860	1.65
08/25/2021	17:40:06	78776.03	394750.72	39.75	Soil	11,940	0.30
08/25/2021	17:40:07	78776.01	394750.86	39.71	Soil	11,880	0.26
08/25/2021	17:40:08	78776.39	394750.67	39.71	Soil	10,800	-0.50
08/25/2021	17:40:09	78776.43	394750.71	39.70	Soil	13,440	1.35
08/25/2021	17:40:10	78776.60	394750.67	39.71	Soil	12,060	0.39
08/25/2021	17:40:11	78776.54	394750.21	39.68	Soil	15,540	2.83
08/25/2021	17:40:12	78776.55	394749.92	39.71	Soil	13,500	1.40
08/25/2021	17:40:13	78776.28	394749.89	39.72	Soil	13,440	1.35
08/25/2021	17:40:14	78776.24	394749.81	39.70	Soil	12,060	0.39
08/25/2021	17:40:15	78776.20	394749.71	39.67	Soil	13,140	1.14
08/25/2021	17:40:15	78776.26	394749.74	39.68	Soil	12,960	1.02
08/25/2021	17:40:17	78776.53	394749.70	39.68	Soil	12,360	0.60
08/25/2021	17:40:18	78776.40	394749.66	39.69	Soil	11,880	0.26
08/25/2021	17:40:19	78776.40	394749.59	39.70	Soil	12,300	0.55
08/25/2021	17:40:20	78776.65	394749.67	39.70	Soil	12,720	0.85
08/25/2021	17:40:21	78776.44	394749.26	39.66	Soil	10,800	-0.50
08/25/2021	17:40:22	78776.76	394749.20	39.66	Soil	10,800	-0.50
08/25/2021	17:40:23	78776.80	394749.27	39.69	Soil	10,920	-0.41
08/25/2021	17:40:24	78776.57	394748.94	39.68	Soil	13,860	1.65
08/25/2021	17:40:25	78776.33	394748.70	39.68	Soil	10,140	-0.96
08/25/2021	17:40:26	78776.05	394749.10	39.63	Soil	11,880	0.26
08/25/2021	17:40:27	78775.88	394749.06	39.59	Soil	11,580	0.05
08/25/2021	17:40:28	78775.87	394749.23	39.59	Soil	11,820	0.22
08/25/2021	17:40:29	78775.70	394749.29	39.59	Soil	11,040	-0.33
08/25/2021	17:40:30	78775.55	394748.99	39.52	Soil	11,580	0.05
08/25/2021	17:40:30	78775.57	394749.36	39.55	Soil	10,800	-0.50
08/25/2021	17:40:31	78775.51	394749.10	39.50	Soil	11,340	-0.12
08/25/2021	17:40:32	78775.64	394748.97	39.51	Soil	10,680	-0.58
08/25/2021	17:40:33	78775.39	394749.12	39.51	Soil	10,500	-0.71
08/25/2021	17:40:34	78775.62	394748.99	39.49	Soil	11,520	0.01
08/25/2021	17:40:35	78775.70	394748.88	39.50	Soil	11,700	0.13
08/25/2021	17:40:36	78775.34	394748.97	39.50	Soil	10,200	-0.92
08/25/2021	17:40:37	78775.28	394748.88	39.50	Soil	10,500	-0.71
08/25/2021	17:40:38	78775.45	394748.74	39.50	Soil	12,660	0.81
08/25/2021	17:40:39	78775.16	394748.80	39.50	Soil	13,020	1.06
08/25/2021	17:40:40	78774.79	394748.66	39.50	Soil	11,520	0.01
08/25/2021	17:40:41	78774.78	394748.51	39.50	Soil	11,640	0.09
08/25/2021	17:40:42	78774.48	394749.02	39.50	Soil	11,340	-0.12
08/25/2021	17:40:43	78774.35	394749.27	39.53	Soil	9,720	-1.26
08/25/2021	17:40:44	78774.60	394749.47	39.55	Soil	12,000	0.34
08/25/2021	17:40:45	78774.80	394749.46	39.56	Soil	10,620	-0.62

SU 7D GWS RESULTS
(SOIL)

08/25/2021	17:40:46	78774.84	394749.66	39.56	Soil	15,060	2.49
08/25/2021	17:40:47	78774.92	394749.72	39.60	Soil	11,640	0.09
08/25/2021	17:40:48	78775.13	394749.62	39.60	Soil	11,940	0.30
08/25/2021	17:40:49	78774.97	394749.91	39.57	Soil	11,760	0.18
08/25/2021	17:40:50	78775.29	394749.84	39.60	Soil	10,260	-0.88
08/25/2021	17:40:51	78775.33	394749.87	39.60	Soil	12,540	0.72
08/25/2021	17:40:52	78775.31	394750.01	39.67	Soil	11,340	-0.12
08/25/2021	17:40:53	78775.63	394749.60	39.67	Soil	12,060	0.39
08/25/2021	17:40:54	78775.47	394749.89	39.69	Soil	10,560	-0.67
08/25/2021	17:40:55	78775.54	394749.70	39.71	Soil	9,720	-1.26
08/25/2021	17:40:56	78775.49	394749.57	39.73	Soil	11,580	0.05
08/25/2021	17:40:57	78775.16	394749.66	39.79	Soil	11,220	-0.20
08/25/2021	17:40:58	78775.36	394749.55	39.77	Soil	10,800	-0.50
08/25/2021	17:40:59	78775.49	394749.44	39.80	Soil	9,900	-1.13
08/25/2021	17:41:00	78775.14	394749.60	39.72	Soil	11,460	-0.04
08/25/2021	17:41:01	78775.53	394749.66	39.70	Soil	10,500	-0.71
08/25/2021	17:41:02	78775.39	394749.95	39.70	Soil	13,200	1.19
08/25/2021	17:41:03	78775.43	394749.92	39.70	Soil	14,580	2.15
08/25/2021	17:41:04	78775.63	394750.12	39.73	Soil	13,500	1.40
08/25/2021	17:41:05	78775.26	394750.26	39.68	Soil	13,140	1.14
08/25/2021	17:41:06	78775.54	394750.32	39.64	Soil	11,820	0.22
08/25/2021	17:41:07	78775.47	394750.56	39.62	Soil	12,660	0.81
08/25/2021	17:41:08	78775.57	394750.64	39.64	Soil	13,080	1.10
08/25/2021	17:41:09	78776.03	394750.62	39.71	Soil	12,840	0.93
08/25/2021	17:41:10	78776.06	394750.85	39.91	Soil	12,960	1.02
08/25/2021	17:41:11	78776.18	394750.30	39.97	Soil	12,660	0.81
08/25/2021	17:41:12	78776.34	394750.35	40.09	Soil	12,240	0.51
08/25/2021	17:41:13	78776.29	394750.08	40.23	Soil	12,960	1.02
08/25/2021	17:41:14	78776.18	394749.83	40.25	Soil	12,540	0.72
08/25/2021	17:41:15	78775.93	394749.72	40.28	Soil	12,900	0.98
08/25/2021	17:41:16	78775.64	394749.70	40.27	Soil	11,040	-0.33
08/25/2021	17:41:17	78775.92	394749.52	40.27	Soil	12,000	0.34
08/25/2021	17:41:18	78775.94	394749.51	40.24	Soil	12,060	0.39
08/25/2021	17:41:19	78776.22	394749.57	40.26	Soil	10,740	-0.54
08/25/2021	17:41:20	78776.27	394749.42	40.18	Soil	11,760	0.18
08/25/2021	17:41:21	78776.47	394749.56	40.20	Soil	11,400	-0.08
08/25/2021	17:41:22	78776.29	394749.29	40.21	Soil	10,080	-1.00
08/25/2021	17:41:23	78776.04	394749.14	40.21	Soil	13,740	1.56
08/25/2021	17:41:24	78775.73	394749.08	40.21	Soil	10,680	-0.58
08/25/2021	17:41:25	78775.66	394749.64	40.17	Soil	10,140	-0.96
08/25/2021	17:41:26	78775.42	394749.78	40.07	Soil	12,420	0.64
08/25/2021	17:41:27	78775.71	394750.10	40.07	Soil	13,320	1.27
08/25/2021	17:41:28	78775.50	394750.31	40.05	Soil	14,220	1.90
08/25/2021	17:41:29	78775.77	394750.44	40.06	Soil	13,680	1.52
08/25/2021	17:41:30	78775.68	394750.54	40.11	Soil	13,020	1.06
08/25/2021	17:41:31	78775.87	394750.45	40.11	Soil	11,940	0.30
08/25/2021	17:41:32	78776.07	394750.35	40.08	Soil	14,880	2.36
08/25/2021	17:41:33	78776.21	394750.28	40.14	Soil	12,480	0.68
08/25/2021	17:41:34	78776.33	394750.07	40.13	Soil	13,200	1.19
08/25/2021	17:41:35	78776.42	394750.05	40.13	Soil	12,480	0.68
08/25/2021	17:41:36	78776.34	394749.96	40.13	Soil	10,920	-0.41

SU 7D GWS RESULTS
(SOIL)

08/25/2021	17:41:37	78776.20	394750.03	40.14	Soil	11,760	0.18
08/25/2021	17:41:38	78776.21	394750.06	40.12	Soil	12,360	0.60
08/25/2021	17:41:39	78776.19	394750.06	40.13	Soil	14,580	2.15
08/25/2021	17:41:40	78775.96	394749.97	40.11	Soil	13,560	1.44
08/25/2021	17:41:41	78775.94	394749.95	40.10	Soil	12,900	0.98
08/25/2021	17:41:42	78775.85	394749.90	40.08	Soil	13,020	1.06
08/25/2021	17:41:43	78775.97	394750.08	40.04	Soil	14,400	2.03
08/25/2021	17:41:44	78776.23	394750.44	39.95	Soil	11,700	0.13
08/25/2021	17:41:45	78776.30	394750.31	39.95	Soil	13,320	1.27
08/25/2021	17:41:46	78776.20	394750.56	40.00	Soil	12,060	0.39
08/25/2021	17:41:47	78776.16	394750.58	40.23	Soil	12,300	0.55
08/25/2021	17:42:47	78765.62	394751.97	40.62	Soil	10,680	-0.58
08/25/2021	17:42:48	78765.70	394751.96	40.59	Soil	11,760	0.18
08/25/2021	17:42:49	78765.64	394751.93	40.51	Soil	10,020	-1.05
08/25/2021	17:42:50	78765.39	394751.93	40.48	Soil	11,640	0.09
08/25/2021	17:42:51	78765.75	394752.04	40.46	Soil	10,320	-0.84
08/25/2021	17:42:52	78765.80	394752.11	40.54	Soil	11,160	-0.25
08/25/2021	17:42:53	78765.28	394752.03	40.55	Soil	10,860	-0.46
08/25/2021	17:42:54	78765.60	394752.30	40.54	Soil	11,340	-0.12
08/25/2021	17:42:55	78765.74	394752.43	40.58	Soil	10,320	-0.84
08/25/2021	17:42:56	78765.39	394752.52	40.55	Soil	11,760	0.18
08/25/2021	17:42:57	78765.68	394752.68	40.61	Soil	10,560	-0.67
08/25/2021	17:42:58	78765.17	394752.60	40.59	Soil	11,460	-0.04
08/25/2021	17:42:59	78765.43	394752.94	40.63	Soil	10,920	-0.41
08/25/2021	17:43:00	78765.16	394752.85	40.63	Soil	9,360	-1.51
08/25/2021	17:43:01	78765.33	394753.22	40.68	Soil	13,140	1.14
08/25/2021	17:43:02	78765.17	394753.25	40.66	Soil	10,560	-0.67
08/25/2021	17:43:03	78765.14	394753.41	40.68	Soil	11,760	0.18
08/25/2021	17:43:04	78765.23	394753.63	40.68	Soil	11,340	-0.12
08/25/2021	17:43:05	78765.04	394753.67	40.71	Soil	12,420	0.64
08/25/2021	17:43:06	78765.28	394753.99	40.68	Soil	9,960	-1.09
08/25/2021	17:43:07	78764.96	394754.03	40.70	Soil	11,700	0.13
08/25/2021	17:43:08	78765.21	394754.27	40.72	Soil	9,780	-1.21
08/25/2021	17:43:09	78764.99	394754.40	40.76	Soil	10,980	-0.37
08/25/2021	17:43:10	78765.32	394754.62	40.75	Soil	10,080	-1.00
08/25/2021	17:43:11	78765.70	394754.41	40.80	Soil	10,140	-0.96
08/25/2021	17:43:12	78765.54	394754.17	40.78	Soil	10,740	-0.54
08/25/2021	17:43:13	78765.59	394754.04	40.73	Soil	10,560	-0.67
08/25/2021	17:43:14	78765.66	394753.88	40.71	Soil	9,840	-1.17
08/25/2021	17:43:15	78765.47	394753.73	40.70	Soil	11,400	-0.08
08/25/2021	17:43:16	78765.80	394753.67	40.72	Soil	10,860	-0.46
08/25/2021	17:43:17	78765.48	394753.48	40.68	Soil	10,200	-0.92
08/25/2021	17:43:18	78765.58	394753.45	40.64	Soil	10,620	-0.62
08/25/2021	17:43:19	78765.62	394753.29	40.66	Soil	10,320	-0.84
08/25/2021	17:43:20	78765.42	394753.14	40.64	Soil	12,120	0.43
08/25/2021	17:43:21	78765.73	394753.03	40.67	Soil	11,280	-0.16
08/25/2021	17:43:22	78765.33	394752.86	40.61	Soil	11,340	-0.12
08/25/2021	17:43:23	78765.69	394752.84	40.60	Soil	11,220	-0.20
08/25/2021	17:43:24	78765.55	394752.56	40.54	Soil	10,800	-0.50
08/25/2021	17:43:25	78765.73	394752.46	40.54	Soil	12,360	0.60
08/25/2021	17:43:26	78765.69	394752.14	40.54	Soil	10,980	-0.37

SU 7D GWS RESULTS
(SOIL)

08/25/2021	17:43:27	78765.82	394752.10	40.57	Soil	10,800	-0.50
08/25/2021	17:43:28	78765.98	394752.02	40.61	Soil	12,000	0.34
08/25/2021	17:43:29	78765.91	394751.83	40.63	Soil	10,020	-1.05
08/25/2021	17:43:30	78766.00	394752.03	40.68	Soil	10,680	-0.58
08/25/2021	17:43:31	78765.81	394752.09	40.67	Soil	9,840	-1.17
08/25/2021	17:43:32	78765.63	394752.01	40.67	Soil	11,100	-0.29
08/25/2021	17:43:33	78765.96	394752.32	40.68	Soil	10,500	-0.71
08/25/2021	17:43:34	78765.53	394752.29	40.66	Soil	11,220	-0.20
08/25/2021	17:43:35	78765.55	394752.39	40.63	Soil	11,700	0.13
08/25/2021	17:43:36	78765.60	394752.63	40.70	Soil	10,140	-0.96
08/25/2021	17:43:37	78765.35	394752.61	40.67	Soil	9,840	-1.17
08/25/2021	17:43:38	78765.60	394752.90	40.77	Soil	9,120	-1.68
08/25/2021	17:43:39	78765.27	394752.91	40.71	Soil	10,800	-0.50
08/25/2021	17:43:40	78765.61	394753.15	40.73	Soil	10,620	-0.62
08/25/2021	17:43:41	78765.33	394753.17	40.74	Soil	10,380	-0.79
08/25/2021	17:43:42	78765.44	394753.27	40.72	Soil	9,840	-1.17
08/25/2021	17:43:43	78765.58	394753.52	40.75	Soil	10,020	-1.05
08/25/2021	17:43:44	78765.40	394753.61	40.65	Soil	11,400	-0.08
08/25/2021	17:43:45	78765.73	394753.98	40.63	Soil	10,200	-0.92
08/25/2021	17:43:46	78765.94	394754.15	40.64	Soil	10,860	-0.46
08/25/2021	17:43:47	78766.50	394753.95	40.58	Soil	10,860	-0.46
08/25/2021	17:43:48	78766.49	394753.62	40.57	Soil	10,320	-0.84
08/25/2021	17:43:49	78766.52	394753.36	40.60	Soil	10,260	-0.88
08/25/2021	17:43:50	78766.50	394753.41	40.53	Soil	12,240	0.51
08/25/2021	17:43:51	78766.42	394753.19	40.59	Soil	9,840	-1.17
08/25/2021	17:43:52	78766.54	394753.23	40.56	Soil	10,800	-0.50
08/25/2021	17:43:53	78766.18	394753.24	40.58	Soil	12,000	0.34
08/25/2021	17:43:54	78766.42	394753.32	40.54	Soil	11,160	-0.25
08/25/2021	17:43:55	78766.26	394753.28	40.57	Soil	10,140	-0.96
08/25/2021	17:43:56	78766.43	394753.36	40.57	Soil	11,460	-0.04
08/25/2021	17:43:57	78766.00	394753.34	40.56	Soil	10,500	-0.71
08/25/2021	17:43:58	78766.18	394753.48	40.55	Soil	10,200	-0.92
08/25/2021	17:43:59	78766.24	394753.50	40.54	Soil	10,740	-0.54
08/25/2021	17:44:00	78766.26	394753.45	40.53	Soil	10,980	-0.37
08/25/2021	17:44:01	78766.20	394753.47	40.50	Soil	10,020	-1.05
08/25/2021	17:44:02	78766.11	394753.58	40.50	Soil	10,020	-1.05
08/25/2021	17:44:03	78766.38	394753.67	40.51	Soil	12,660	0.81
08/25/2021	17:44:04	78766.02	394753.62	40.49	Soil	10,980	-0.37
08/25/2021	17:44:05	78766.27	394753.55	40.47	Soil	10,620	-0.62
08/25/2021	17:44:06	78766.12	394753.38	40.49	Soil	10,740	-0.54
08/25/2021	17:44:07	78766.09	394753.24	40.47	Soil	12,720	0.85
08/25/2021	17:44:08	78766.08	394753.13	40.49	Soil	10,380	-0.79
08/25/2021	17:44:09	78765.93	394753.00	40.47	Soil	12,900	0.98
08/25/2021	17:44:10	78766.25	394752.90	40.47	Soil	10,560	-0.67
08/25/2021	17:44:11	78765.78	394752.83	40.44	Soil	12,420	0.64
08/25/2021	17:44:12	78766.14	394752.77	40.42	Soil	11,280	-0.16
08/25/2021	17:44:13	78765.98	394752.50	40.45	Soil	12,480	0.68
08/25/2021	17:44:14	78765.98	394752.46	40.43	Soil	10,560	-0.67
08/25/2021	17:44:15	78766.29	394752.31	40.42	Soil	10,560	-0.67
08/25/2021	17:44:16	78765.84	394752.20	40.42	Soil	9,480	-1.42
08/25/2021	17:44:17	78766.19	394752.17	40.39	Soil	10,680	-0.58

SU 7D GWS RESULTS
(SOIL)

08/25/2021	17:44:18	78766.06	394752.03	40.39	Soil	10,140	-0.96
08/25/2021	17:44:19	78765.93	394751.90	40.41	Soil	11,880	0.26
08/25/2021	17:44:20	78766.18	394751.73	40.42	Soil	9,900	-1.13
08/25/2021	17:44:21	78765.87	394751.61	40.41	Soil	9,480	-1.42
08/25/2021	17:44:22	78766.16	394751.52	40.42	Soil	10,320	-0.84
08/25/2021	17:44:23	78766.22	394751.58	40.40	Soil	10,800	-0.50
08/25/2021	17:44:24	78766.12	394751.92	40.43	Soil	9,300	-1.55
08/25/2021	17:44:25	78766.40	394751.99	40.47	Soil	12,960	1.02
08/25/2021	17:44:26	78766.31	394752.08	40.49	Soil	11,700	0.13
08/25/2021	17:44:27	78766.22	394752.17	40.50	Soil	11,100	-0.29
08/25/2021	17:44:28	78766.47	394752.29	40.49	Soil	10,500	-0.71
08/25/2021	17:44:29	78766.09	394752.40	40.50	Soil	10,260	-0.88
08/25/2021	17:44:30	78766.51	394752.54	40.48	Soil	10,980	-0.37
08/25/2021	17:44:31	78766.24	394752.68	40.46	Soil	10,920	-0.41
08/25/2021	17:44:32	78766.53	394752.77	40.50	Soil	11,880	0.26
08/25/2021	17:44:33	78766.44	394752.98	40.46	Soil	11,340	-0.12
08/25/2021	17:44:34	78766.34	394753.03	40.50	Soil	12,720	0.85
08/25/2021	17:44:35	78766.57	394753.30	40.50	Soil	9,660	-1.30
08/25/2021	17:44:36	78766.22	394753.36	40.51	Soil	10,980	-0.37
08/25/2021	17:44:37	78766.70	394753.74	40.51	Soil	10,980	-0.37
08/25/2021	17:44:38	78766.80	394753.97	40.65	Soil	11,220	-0.20
08/25/2021	17:44:39	78767.21	394753.66	40.62	Soil	11,400	-0.08
08/25/2021	17:44:40	78767.27	394753.52	40.79	Soil	9,780	-1.21
08/25/2021	17:44:41	78766.80	394753.31	40.80	Soil	11,880	0.26
08/25/2021	17:44:42	78766.99	394753.16	40.84	Soil	9,000	-1.76
08/25/2021	17:44:43	78766.90	394753.09	40.88	Soil	11,100	-0.29
08/25/2021	17:44:44	78766.76	394753.03	40.88	Soil	10,440	-0.75
08/25/2021	17:44:45	78766.90	394752.89	40.94	Soil	11,160	-0.25
08/25/2021	17:44:46	78766.55	394752.82	40.95	Soil	11,940	0.30
08/25/2021	17:44:47	78766.92	394752.71	40.98	Soil	8,940	-1.80
08/25/2021	17:44:48	78766.51	394752.50	40.93	Soil	10,980	-0.37
08/25/2021	17:44:49	78766.86	394752.42	40.93	Soil	11,220	-0.20
08/25/2021	17:44:50	78766.67	394752.23	40.93	Soil	10,860	-0.46
08/25/2021	17:44:51	78766.77	394752.10	40.94	Soil	10,440	-0.75
08/25/2021	17:44:52	78766.82	394751.94	40.97	Soil	10,500	-0.71
08/25/2021	17:44:53	78766.63	394751.80	40.96	Soil	10,020	-1.05
08/25/2021	17:44:54	78766.87	394751.70	40.99	Soil	9,840	-1.17
08/25/2021	17:44:55	78766.49	394751.54	40.97	Soil	10,260	-0.88
08/25/2021	17:44:56	78766.81	394751.51	40.98	Soil	10,500	-0.71
08/25/2021	17:44:57	78766.90	394751.56	40.96	Soil	10,440	-0.75
08/25/2021	17:44:58	78766.60	394751.77	40.96	Soil	10,320	-0.84
08/25/2021	17:44:59	78766.64	394751.69	40.95	Soil	12,240	0.51
08/25/2021	17:45:00	78767.01	394751.76	40.97	Soil	10,620	-0.62
08/25/2021	17:45:01	78766.59	394751.80	41.03	Soil	10,740	-0.54
08/25/2021	17:45:02	78766.76	394751.78	41.11	Soil	10,500	-0.71
08/25/2021	17:45:03	78766.79	394752.00	41.04	Soil	11,400	-0.08
08/25/2021	17:45:04	78766.94	394751.86	41.01	Soil	10,860	-0.46
08/25/2021	17:45:05	78766.96	394751.82	40.98	Soil	11,040	-0.33
08/25/2021	17:45:06	78766.98	394751.92	40.97	Soil	10,440	-0.75
08/25/2021	17:45:07	78766.87	394751.79	40.99	Soil	12,000	0.34
08/25/2021	17:45:08	78766.92	394751.90	40.99	Soil	10,860	-0.46

SU 7D GWS RESULTS
(SOIL)

08/25/2021	17:45:09	78767.00	394751.90	40.98	Soil	9,960	-1.09
08/25/2021	17:45:10	78766.98	394751.89	40.99	Soil	11,460	-0.04
08/25/2021	17:45:11	78766.95	394751.87	40.99	Soil	10,320	-0.84
08/25/2021	17:45:12	78766.95	394751.91	41.06	Soil	11,820	0.22
08/25/2021	17:45:13	78766.90	394751.95	41.06	Soil	12,240	0.51
08/25/2021	17:45:14	78766.89	394751.99	41.07	Soil	9,840	-1.17
08/25/2021	17:45:15	78766.85	394752.00	41.10	Soil	13,020	1.06
08/25/2021	17:45:16	78766.89	394752.01	41.09	Soil	11,700	0.13
08/25/2021	17:45:17	78766.86	394752.02	41.09	Soil	11,460	-0.04
08/25/2021	17:45:18	78766.88	394752.01	41.05	Soil	10,980	-0.37
08/25/2021	17:45:19	78766.97	394752.08	40.97	Soil	12,060	0.39
08/25/2021	17:45:20	78766.52	394751.98	40.90	Soil	10,980	-0.37
08/25/2021	17:45:21	78766.71	394752.05	40.88	Soil	11,340	-0.12
08/25/2021	17:45:22	78766.95	394752.34	40.86	Soil	10,500	-0.71
08/25/2021	17:45:23	78766.69	394752.28	40.84	Soil	11,160	-0.25
08/25/2021	17:45:24	78767.08	394752.44	40.83	Soil	11,940	0.30
08/25/2021	17:45:25	78767.01	394752.55	40.85	Soil	10,560	-0.67
08/25/2021	17:45:26	78766.97	394752.73	40.93	Soil	11,220	-0.20
08/25/2021	17:45:27	78767.18	394753.15	40.91	Soil	11,880	0.26
08/25/2021	17:45:28	78767.11	394753.40	40.96	Soil	9,300	-1.55
08/25/2021	17:45:29	78767.57	394753.33	41.00	Soil	10,740	-0.54
08/25/2021	17:45:30	78767.60	394753.43	41.06	Soil	11,700	0.13
08/25/2021	17:45:31	78767.77	394753.25	41.00	Soil	12,120	0.43
08/25/2021	17:45:32	78767.94	394753.20	41.04	Soil	11,760	0.18
08/25/2021	17:45:33	78767.63	394752.97	41.09	Soil	10,740	-0.54
08/25/2021	17:45:34	78767.40	394752.85	41.12	Soil	13,800	1.61
08/25/2021	17:45:35	78767.89	394752.92	41.15	Soil	11,400	-0.08
08/25/2021	17:45:36	78767.74	394752.73	41.14	Soil	10,380	-0.79
08/25/2021	17:45:37	78767.54	394752.59	41.09	Soil	10,800	-0.50
08/25/2021	17:45:38	78767.51	394752.52	41.09	Soil	11,400	-0.08
08/25/2021	17:45:39	78767.86	394752.51	41.09	Soil	10,440	-0.75
08/25/2021	17:45:40	78767.49	394752.13	41.04	Soil	12,240	0.51
08/25/2021	17:45:41	78767.66	394752.14	41.10	Soil	11,640	0.09
08/25/2021	17:45:42	78767.87	394752.00	41.14	Soil	12,900	0.98
08/25/2021	17:45:43	78767.46	394751.77	41.08	Soil	11,280	-0.16
08/25/2021	17:45:44	78767.76	394751.57	41.02	Soil	11,160	-0.25
08/25/2021	17:45:45	78767.56	394751.51	41.04	Soil	10,620	-0.62
08/25/2021	17:45:46	78767.50	394751.33	41.02	Soil	11,100	-0.29
08/25/2021	17:45:47	78767.61	394751.21	41.02	Soil	10,500	-0.71
08/25/2021	17:45:48	78767.28	394751.00	41.02	Soil	10,440	-0.75
08/25/2021	17:45:49	78767.00	394751.01	40.98	Soil	11,820	0.22
08/25/2021	17:45:50	78766.62	394751.45	40.97	Soil	10,140	-0.96
08/25/2021	17:45:51	78766.91	394751.75	41.02	Soil	12,120	0.43
08/25/2021	17:45:52	78767.18	394751.88	41.01	Soil	10,680	-0.58
08/25/2021	17:45:53	78766.96	394752.05	41.03	Soil	11,160	-0.25
08/25/2021	17:45:54	78767.31	394752.09	41.08	Soil	10,080	-1.00
08/25/2021	17:45:55	78767.01	394751.97	41.05	Soil	9,720	-1.26
08/25/2021	17:45:56	78767.24	394752.08	41.07	Soil	11,040	-0.33
08/25/2021	17:45:57	78767.20	394752.34	41.08	Soil	8,640	-2.01
08/25/2021	17:45:58	78767.51	394752.38	41.11	Soil	10,200	-0.92
08/25/2021	17:45:59	78767.33	394752.52	41.16	Soil	7,800	-2.60

SU 7D GWS RESULTS
(SOIL)

08/25/2021	17:46:00	78767.21	394752.77	41.14	Soil	10,920	-0.41
08/25/2021	17:46:01	78767.35	394752.92	41.20	Soil	10,800	-0.50
08/25/2021	17:46:02	78767.19	394753.18	41.23	Soil	10,380	-0.79
08/25/2021	17:46:03	78767.61	394753.31	41.14	Soil	9,060	-1.72
08/25/2021	17:46:04	78767.69	394753.49	41.17	Soil	12,120	0.43
08/25/2021	17:46:05	78768.16	394753.27	41.11	Soil	10,560	-0.67
08/25/2021	17:46:06	78768.57	394753.25	41.10	Soil	10,920	-0.41
08/25/2021	17:46:07	78768.34	394752.92	41.01	Soil	11,160	-0.25
08/25/2021	17:46:08	78768.55	394752.73	41.02	Soil	10,380	-0.79
08/25/2021	17:46:09	78768.17	394752.80	40.92	Soil	11,880	0.26
08/25/2021	17:46:10	78768.09	394752.71	40.81	Soil	11,640	0.09
08/25/2021	17:46:11	78768.26	394752.57	40.80	Soil	11,760	0.18
08/25/2021	17:46:12	78767.95	394752.59	40.67	Soil	11,340	-0.12
08/25/2021	17:46:13	78768.02	394752.36	40.61	Soil	11,940	0.30
08/25/2021	17:46:14	78768.21	394752.36	40.55	Soil	11,340	-0.12
08/25/2021	17:46:15	78768.06	394752.23	40.42	Soil	12,420	0.64
08/25/2021	17:46:16	78768.13	394752.04	40.43	Soil	10,800	-0.50
08/25/2021	17:46:17	78767.89	394751.95	40.32	Soil	13,200	1.19
08/25/2021	17:46:18	78768.15	394751.64	40.29	Soil	10,920	-0.41
08/25/2021	17:46:19	78768.14	394751.57	40.23	Soil	11,940	0.30
08/25/2021	17:46:20	78767.99	394751.31	40.20	Soil	12,360	0.60
08/25/2021	17:46:21	78768.19	394751.10	40.11	Soil	12,360	0.60
08/25/2021	17:46:22	78767.95	394750.88	40.10	Soil	10,380	-0.79
08/25/2021	17:46:23	78768.25	394750.75	40.04	Soil	12,720	0.85
08/25/2021	17:46:24	78768.13	394750.72	39.94	Soil	11,760	0.18
08/25/2021	17:46:25	78768.20	394750.84	39.93	Soil	10,860	-0.46
08/25/2021	17:46:26	78768.07	394750.65	39.93	Soil	11,460	-0.04
08/25/2021	17:46:27	78768.11	394750.66	39.86	Soil	12,000	0.34
08/25/2021	17:46:28	78768.42	394750.79	39.87	Soil	10,140	-0.96
08/25/2021	17:46:29	78768.18	394750.85	39.84	Soil	11,400	-0.08
08/25/2021	17:46:30	78768.53	394751.07	39.85	Soil	10,500	-0.71
08/25/2021	17:46:31	78768.30	394751.24	39.83	Soil	11,160	-0.25
08/25/2021	17:46:32	78768.44	394751.34	39.82	Soil	11,040	-0.33
08/25/2021	17:46:33	78768.59	394751.60	39.83	Soil	10,740	-0.54
08/25/2021	17:46:34	78768.40	394751.75	39.77	Soil	13,260	1.23
08/25/2021	17:46:35	78768.65	394751.95	39.79	Soil	10,860	-0.46
08/25/2021	17:46:36	78768.40	394752.13	39.76	Soil	11,280	-0.16
08/25/2021	17:46:37	78768.74	394752.37	39.77	Soil	12,720	0.85
08/25/2021	17:46:38	78768.49	394752.50	39.71	Soil	12,240	0.51
08/25/2021	17:46:39	78768.73	394752.70	39.71	Soil	11,820	0.22
08/25/2021	17:46:40	78768.57	394752.88	39.65	Soil	11,160	-0.25
08/25/2021	17:46:41	78768.76	394753.06	39.69	Soil	9,120	-1.68
08/25/2021	17:46:42	78768.88	394753.27	39.67	Soil	12,180	0.47
08/25/2021	17:46:43	78769.09	394753.32	39.65	Soil	10,740	-0.54
08/25/2021	17:46:44	78769.56	394753.08	39.62	Soil	11,340	-0.12
08/25/2021	17:46:45	78769.62	394752.86	39.62	Soil	10,020	-1.05
08/25/2021	17:46:46	78769.38	394752.62	39.60	Soil	11,280	-0.16
08/25/2021	17:46:47	78769.72	394752.56	39.55	Soil	10,260	-0.88
08/25/2021	17:46:48	78769.47	394752.49	39.53	Soil	10,800	-0.50
08/25/2021	17:46:49	78769.61	394752.32	39.47	Soil	12,000	0.34
08/25/2021	17:46:50	78769.47	394752.19	39.45	Soil	12,420	0.64

SU 7D GWS RESULTS
(SOIL)

08/25/2021	17:46:51	78769.44	394751.97	39.43	Soil	10,440	-0.75
08/25/2021	17:46:52	78769.40	394751.81	39.39	Soil	10,920	-0.41
08/25/2021	17:46:53	78769.40	394751.70	39.39	Soil	13,380	1.31
08/25/2021	17:46:54	78769.36	394751.60	39.34	Soil	12,720	0.85
08/25/2021	17:46:55	78769.27	394751.38	39.40	Soil	11,280	-0.16
08/25/2021	17:46:56	78769.54	394751.17	39.35	Soil	11,400	-0.08
08/25/2021	17:46:57	78769.19	394751.12	39.35	Soil	11,580	0.05
08/25/2021	17:46:58	78769.36	394750.88	39.34	Soil	12,120	0.43
08/25/2021	17:46:59	78769.22	394750.80	39.32	Soil	11,820	0.22
08/25/2021	17:47:00	78769.10	394750.49	39.32	Soil	11,520	0.01
08/25/2021	17:47:01	78769.01	394750.36	39.30	Soil	11,880	0.26
08/25/2021	17:47:02	78768.51	394750.36	39.27	Soil	9,900	-1.13
08/25/2021	17:47:03	78768.50	394750.64	39.34	Soil	13,080	1.10
08/25/2021	17:47:04	78768.88	394750.78	39.36	Soil	11,640	0.09
08/25/2021	17:47:05	78768.88	394750.80	39.33	Soil	13,260	1.23
08/25/2021	17:47:06	78768.99	394750.86	39.42	Soil	13,680	1.52
08/25/2021	17:47:07	78768.82	394750.78	39.41	Soil	11,580	0.05
08/25/2021	17:47:08	78768.96	394750.97	39.43	Soil	11,460	-0.04
08/25/2021	17:47:09	78768.97	394751.12	39.45	Soil	11,880	0.26
08/25/2021	17:47:10	78768.88	394751.19	39.42	Soil	10,440	-0.75
08/25/2021	17:47:11	78769.19	394751.37	39.46	Soil	11,340	-0.12
08/25/2021	17:47:12	78768.93	394751.44	39.43	Soil	10,140	-0.96
08/25/2021	17:47:13	78769.26	394751.56	39.47	Soil	10,920	-0.41
08/25/2021	17:47:14	78769.09	394751.63	39.44	Soil	10,980	-0.37
08/25/2021	17:47:15	78769.27	394751.78	39.46	Soil	11,340	-0.12
08/25/2021	17:47:16	78769.21	394751.86	39.43	Soil	10,380	-0.79
08/25/2021	17:47:17	78769.23	394751.98	39.43	Soil	10,980	-0.37
08/25/2021	17:47:18	78769.42	394752.08	39.47	Soil	11,280	-0.16
08/25/2021	17:47:19	78769.23	394752.14	39.48	Soil	12,600	0.76
08/25/2021	17:47:20	78769.48	394752.27	39.48	Soil	11,640	0.09
08/25/2021	17:47:21	78769.18	394752.34	39.49	Soil	10,860	-0.46
08/25/2021	17:47:22	78769.49	394752.51	39.50	Soil	12,540	0.72
08/25/2021	17:47:23	78769.16	394752.55	39.47	Soil	13,260	1.23
08/25/2021	17:47:24	78769.34	394752.75	39.54	Soil	10,620	-0.62
08/25/2021	17:47:25	78769.14	394752.79	39.51	Soil	11,400	-0.08
08/25/2021	17:47:26	78769.40	394753.03	39.52	Soil	10,500	-0.71
08/25/2021	17:47:27	78769.23	394753.11	39.52	Soil	11,280	-0.16
08/25/2021	17:47:28	78769.29	394753.26	39.52	Soil	12,900	0.98
08/25/2021	17:47:29	78769.23	394752.89	39.52	Soil	12,240	0.51
08/25/2021	17:47:30	78769.56	394753.05	39.50	Soil	12,120	0.43
08/25/2021	17:47:31	78769.41	394752.89	39.52	Soil	10,500	-0.71
08/25/2021	17:47:32	78769.46	394752.81	39.49	Soil	9,480	-1.42
08/25/2021	17:47:33	78769.45	394752.76	39.49	Soil	10,080	-1.00
08/25/2021	17:47:34	78769.25	394752.70	39.47	Soil	10,920	-0.41
08/25/2021	17:47:35	78769.45	394752.68	39.45	Soil	10,380	-0.79
08/25/2021	17:47:36	78769.11	394752.71	39.43	Soil	10,740	-0.54
08/25/2021	17:47:37	78769.31	394752.77	39.38	Soil	11,640	0.09
08/25/2021	17:47:38	78769.19	394752.72	39.37	Soil	10,920	-0.41
08/25/2021	17:47:39	78769.15	394752.60	39.35	Soil	11,220	-0.20
08/25/2021	17:47:40	78769.29	394752.57	39.28	Soil	10,140	-0.96
08/25/2021	17:47:41	78769.11	394752.35	39.32	Soil	11,580	0.05

SU 7D GWS RESULTS
(SOIL)

08/25/2021	17:47:42	78769.30	394752.38	39.25	Soil	11,640	0.09
08/25/2021	17:47:43	78769.13	394752.16	39.28	Soil	12,120	0.43
08/25/2021	17:47:44	78769.28	394752.14	39.24	Soil	12,420	0.64
08/25/2021	17:47:45	78769.10	394751.99	39.24	Soil	11,460	-0.04
08/25/2021	17:47:46	78769.25	394751.85	39.21	Soil	11,460	-0.04
08/25/2021	17:47:47	78769.06	394751.75	39.20	Soil	12,180	0.47
08/25/2021	17:47:48	78769.19	394751.58	39.17	Soil	10,380	-0.79
08/25/2021	17:47:49	78769.04	394751.45	39.14	Soil	12,600	0.76
08/25/2021	17:47:50	78769.17	394751.28	39.13	Soil	10,260	-0.88
08/25/2021	17:47:51	78769.02	394751.16	39.13	Soil	10,740	-0.54
08/25/2021	17:47:52	78769.12	394751.04	39.14	Soil	11,400	-0.08
08/25/2021	17:47:53	78768.97	394750.87	39.15	Soil	10,800	-0.50
08/25/2021	17:47:54	78768.67	394750.51	39.09	Soil	11,580	0.05
08/25/2021	17:47:55	78768.66	394750.91	39.09	Soil	11,700	0.13
08/25/2021	17:47:56	78768.69	394750.95	39.23	Soil	9,780	-1.21
08/25/2021	17:47:57	78768.71	394751.02	39.23	Soil	10,920	-0.41
08/25/2021	17:47:58	78768.67	394751.16	39.33	Soil	11,100	-0.29
08/25/2021	17:47:59	78768.60	394751.23	39.36	Soil	10,680	-0.58
08/25/2021	17:48:00	78768.64	394751.45	39.36	Soil	12,540	0.72
08/25/2021	17:48:01	78768.53	394751.48	39.32	Soil	13,020	1.06
08/25/2021	17:48:02	78768.70	394751.69	39.39	Soil	14,400	2.03
08/25/2021	17:48:03	78768.64	394751.79	39.42	Soil	10,740	-0.54
08/25/2021	17:48:04	78768.75	394751.89	39.45	Soil	10,800	-0.50
08/25/2021	17:48:05	78768.74	394752.18	39.42	Soil	10,200	-0.92
08/25/2021	17:48:06	78769.00	394752.24	39.47	Soil	11,760	0.18
08/25/2021	17:48:07	78769.05	394752.48	39.50	Soil	10,620	-0.62
08/25/2021	17:48:08	78768.85	394752.55	39.49	Soil	12,600	0.76
08/25/2021	17:48:09	78769.02	394752.76	39.49	Soil	11,340	-0.12
08/25/2021	17:48:10	78769.10	394752.93	39.49	Soil	9,780	-1.21
08/25/2021	17:48:11	78769.26	394753.06	39.51	Soil	12,360	0.60
08/25/2021	17:48:12	78769.29	394753.31	39.58	Soil	10,560	-0.67
08/25/2021	17:48:13	78769.69	394753.39	39.56	Soil	12,720	0.85
08/25/2021	17:48:14	78770.02	394753.33	39.50	Soil	11,220	-0.20
08/25/2021	17:48:15	78770.31	394752.89	39.46	Soil	11,520	0.01
08/25/2021	17:48:16	78770.35	394752.83	39.44	Soil	12,120	0.43
08/25/2021	17:48:17	78770.06	394752.64	39.37	Soil	11,640	0.09
08/25/2021	17:48:18	78770.03	394752.54	39.38	Soil	12,960	1.02
08/25/2021	17:48:19	78770.31	394752.59	39.34	Soil	10,800	-0.50
08/25/2021	17:48:20	78770.01	394752.40	39.30	Soil	11,640	0.09
08/25/2021	17:48:21	78770.15	394752.15	39.30	Soil	10,920	-0.41
08/25/2021	17:48:22	78770.17	394752.07	39.27	Soil	11,640	0.09
08/25/2021	17:48:23	78770.07	394751.97	39.30	Soil	10,680	-0.58
08/25/2021	17:48:24	78770.22	394751.83	39.30	Soil	12,420	0.64
08/25/2021	17:48:25	78769.95	394751.64	39.29	Soil	10,800	-0.50
08/25/2021	17:48:26	78770.24	394751.55	39.29	Soil	12,120	0.43
08/25/2021	17:48:27	78770.03	394751.38	39.29	Soil	14,460	2.07
08/25/2021	17:48:28	78770.23	394751.22	39.23	Soil	11,640	0.09
08/25/2021	17:48:29	78770.06	394751.01	39.24	Soil	10,620	-0.62
08/25/2021	17:48:30	78770.09	394750.89	39.24	Soil	12,600	0.76
08/25/2021	17:48:31	78770.12	394750.77	39.22	Soil	11,220	-0.20
08/25/2021	17:48:32	78770.01	394750.59	39.25	Soil	10,620	-0.62

SU 7D GWS RESULTS
(SOIL)

08/25/2021	17:48:33	78770.18	394750.49	39.24	Soil	10,080	-1.00
08/25/2021	17:48:34	78769.78	394750.23	39.22	Soil	10,920	-0.41
08/25/2021	17:48:35	78769.57	394750.50	39.31	Soil	10,620	-0.62
08/25/2021	17:48:36	78769.71	394750.78	39.31	Soil	10,980	-0.37
08/25/2021	17:48:37	78769.57	394750.79	39.36	Soil	12,600	0.76
08/25/2021	17:48:38	78769.80	394750.98	39.41	Soil	11,820	0.22
08/25/2021	17:48:39	78769.58	394750.99	39.39	Soil	10,920	-0.41
08/25/2021	17:48:40	78769.64	394751.06	39.41	Soil	11,640	0.09
08/25/2021	17:48:41	78769.76	394751.28	39.41	Soil	10,380	-0.79
08/25/2021	17:48:42	78769.66	394751.37	39.42	Soil	10,500	-0.71
08/25/2021	17:48:43	78769.89	394751.49	39.47	Soil	11,280	-0.16
08/25/2021	17:48:44	78769.64	394751.45	39.42	Soil	10,440	-0.75
08/25/2021	17:48:45	78769.89	394751.70	39.47	Soil	12,180	0.47
08/25/2021	17:48:46	78769.70	394751.81	39.42	Soil	10,500	-0.71
08/25/2021	17:48:47	78769.90	394751.96	39.49	Soil	11,520	0.01
08/25/2021	17:48:48	78769.69	394752.00	39.50	Soil	9,900	-1.13
08/25/2021	17:48:49	78770.05	394752.21	39.51	Soil	11,220	-0.20
08/25/2021	17:48:50	78769.89	394752.29	39.49	Soil	11,940	0.30
08/25/2021	17:48:51	78770.18	394752.49	39.51	Soil	12,180	0.47
08/25/2021	17:48:52	78770.03	394752.53	39.47	Soil	11,700	0.13
08/25/2021	17:48:53	78770.17	394752.66	39.52	Soil	12,840	0.93
08/25/2021	17:48:54	78770.14	394752.82	39.50	Soil	12,900	0.98
08/25/2021	17:48:55	78770.17	394752.99	39.54	Soil	11,520	0.01
08/25/2021	17:48:56	78770.24	394753.09	39.54	Soil	10,920	-0.41
08/25/2021	17:48:57	78770.63	394753.21	39.52	Soil	10,800	-0.50
08/25/2021	17:48:58	78771.01	394753.20	39.59	Soil	9,000	-1.76
08/25/2021	17:48:59	78771.32	394752.90	39.65	Soil	10,560	-0.67
08/25/2021	17:49:00	78771.30	394752.91	39.65	Soil	11,640	0.09
08/25/2021	17:49:01	78771.06	394752.63	39.73	Soil	11,220	-0.20
08/25/2021	17:49:02	78771.23	394752.61	39.71	Soil	11,760	0.18
08/25/2021	17:49:03	78771.08	394752.36	39.74	Soil	15,120	2.53
08/25/2021	17:49:04	78771.34	394752.28	39.72	Soil	11,280	-0.16
08/25/2021	17:49:05	78771.14	394752.25	39.75	Soil	11,280	-0.16
08/25/2021	17:49:06	78771.08	394752.05	39.77	Soil	10,740	-0.54
08/25/2021	17:49:07	78771.16	394751.92	39.76	Soil	10,500	-0.71
08/25/2021	17:49:08	78771.05	394751.79	39.77	Soil	11,400	-0.08
08/25/2021	17:49:09	78771.15	394751.58	39.73	Soil	11,040	-0.33
08/25/2021	17:49:10	78771.01	394751.43	39.76	Soil	10,500	-0.71
08/25/2021	17:49:11	78771.13	394751.30	39.77	Soil	10,260	-0.88
08/25/2021	17:49:12	78770.86	394751.11	39.77	Soil	11,880	0.26
08/25/2021	17:49:13	78771.02	394751.04	39.73	Soil	11,640	0.09
08/25/2021	17:49:14	78770.84	394750.85	39.72	Soil	9,720	-1.26
08/25/2021	17:49:15	78770.62	394750.70	39.70	Soil	11,280	-0.16
08/25/2021	17:49:16	78770.16	394750.98	39.64	Soil	10,620	-0.62
08/25/2021	17:49:17	78770.26	394751.21	39.69	Soil	10,440	-0.75
08/25/2021	17:49:18	78770.24	394751.29	39.69	Soil	11,460	-0.04
08/25/2021	17:49:19	78770.32	394751.37	39.70	Soil	10,800	-0.50
08/25/2021	17:49:20	78770.31	394751.39	39.75	Soil	12,060	0.39
08/25/2021	17:49:21	78770.23	394751.43	39.74	Soil	11,280	-0.16
08/25/2021	17:49:22	78770.36	394751.62	39.80	Soil	11,220	-0.20
08/25/2021	17:49:23	78770.29	394751.71	39.77	Soil	11,520	0.01

SU 7D GWS RESULTS
(SOIL)

08/25/2021	17:49:24	78770.44	394751.90	39.81	Soil	11,520	0.01
08/25/2021	17:49:25	78770.36	394752.01	39.77	Soil	11,400	-0.08
08/25/2021	17:49:26	78770.57	394752.18	39.80	Soil	11,880	0.26
08/25/2021	17:49:27	78770.41	394752.23	39.76	Soil	12,420	0.64
08/25/2021	17:49:28	78770.66	394752.45	39.80	Soil	13,380	1.31
08/25/2021	17:49:29	78770.54	394752.57	39.78	Soil	11,220	-0.20
08/25/2021	17:49:30	78770.71	394752.74	39.76	Soil	11,340	-0.12
08/25/2021	17:49:31	78770.56	394752.85	39.74	Soil	10,260	-0.88
08/25/2021	17:49:32	78770.90	394753.02	39.74	Soil	11,820	0.22
08/25/2021	17:49:33	78771.03	394753.22	39.97	Soil	10,500	-0.71
08/25/2021	17:49:34	78771.22	394753.11	40.10	Soil	10,200	-0.92
08/25/2021	17:49:35	78771.06	394753.05	40.14	Soil	10,560	-0.67
08/25/2021	17:49:36	78770.82	394753.07	40.15	Soil	13,020	1.06
08/25/2021	17:49:37	78770.73	394753.03	40.14	Soil	11,700	0.13
08/25/2021	17:49:38	78770.50	394752.98	40.14	Soil	10,260	-0.88
08/25/2021	17:49:39	78770.68	394753.05	40.10	Soil	12,600	0.76
08/25/2021	17:49:40	78770.55	394752.87	40.15	Soil	11,700	0.13
08/25/2021	17:49:41	78770.70	394752.69	40.08	Soil	10,980	-0.37
08/25/2021	17:49:42	78770.72	394752.62	40.07	Soil	11,880	0.26
08/25/2021	17:49:43	78770.81	394752.46	40.05	Soil	12,060	0.39
08/25/2021	17:49:44	78770.84	394752.39	40.03	Soil	14,100	1.82
08/25/2021	17:49:45	78770.83	394752.17	40.03	Soil	10,440	-0.75
08/25/2021	17:49:46	78770.96	394752.12	39.98	Soil	12,300	0.55
08/25/2021	17:49:47	78770.79	394751.86	39.99	Soil	12,900	0.98
08/25/2021	17:49:48	78770.95	394751.81	39.94	Soil	10,020	-1.05
08/25/2021	17:49:49	78770.75	394751.62	39.96	Soil	12,000	0.34
08/25/2021	17:49:50	78770.92	394751.52	39.92	Soil	13,080	1.10
08/25/2021	17:49:51	78770.73	394751.36	39.93	Soil	11,820	0.22
08/25/2021	17:49:52	78770.82	394751.23	39.85	Soil	12,480	0.68
08/25/2021	17:49:53	78770.62	394751.09	39.81	Soil	10,080	-1.00
08/25/2021	17:49:54	78770.70	394750.96	39.73	Soil	11,160	-0.25
08/25/2021	17:49:55	78770.51	394750.83	39.72	Soil	12,540	0.72
08/25/2021	17:49:56	78770.68	394750.78	39.70	Soil	12,120	0.43
08/25/2021	17:49:57	78770.79	394750.66	39.73	Soil	11,280	-0.16
08/25/2021	17:49:58	78770.81	394750.46	39.72	Soil	10,800	-0.50
08/25/2021	17:49:59	78770.73	394750.33	39.75	Soil	11,460	-0.04
08/25/2021	17:50:00	78770.82	394750.27	39.80	Soil	13,380	1.31
08/25/2021	17:50:01	78770.99	394750.17	39.76	Soil	10,980	-0.37
08/25/2021	17:50:02	78771.26	394750.34	39.83	Soil	12,060	0.39
08/25/2021	17:50:03	78771.17	394750.41	39.83	Soil	12,360	0.60
08/25/2021	17:50:04	78771.26	394750.57	39.94	Soil	12,120	0.43
08/25/2021	17:50:05	78771.17	394750.66	39.98	Soil	12,300	0.55
08/25/2021	17:50:06	78771.20	394750.82	40.05	Soil	12,120	0.43
08/25/2021	17:50:07	78771.19	394750.97	40.12	Soil	12,240	0.51
08/25/2021	17:50:08	78771.16	394751.05	40.16	Soil	12,420	0.64
08/25/2021	17:50:09	78771.15	394751.19	40.19	Soil	11,460	-0.04
08/25/2021	17:50:10	78771.17	394751.42	40.19	Soil	13,920	1.69
08/25/2021	17:50:11	78771.12	394751.51	40.21	Soil	11,280	-0.16
08/25/2021	17:50:12	78771.14	394751.75	40.26	Soil	13,200	1.19
08/25/2021	17:50:13	78771.10	394751.91	40.29	Soil	9,780	-1.21
08/25/2021	17:50:14	78771.18	394752.12	40.37	Soil	11,880	0.26

SU 7D GWS RESULTS
(SOIL)

08/25/2021	17:50:15	78771.13	394752.26	40.45	Soil	11,400	-0.08
08/25/2021	17:50:16	78770.94	394752.32	40.43	Soil	12,420	0.64
08/25/2021	17:50:17	78771.05	394752.56	40.52	Soil	11,880	0.26
08/25/2021	17:50:18	78770.97	394752.82	40.56	Soil	10,680	-0.58
08/25/2021	17:50:19	78771.01	394752.98	40.55	Soil	11,100	-0.29
08/25/2021	17:50:20	78770.95	394753.14	40.67	Soil	14,040	1.78
08/25/2021	17:50:21	78771.20	394753.31	40.66	Soil	11,760	0.18
08/25/2021	17:50:22	78771.54	394753.55	40.73	Soil	11,160	-0.25
08/25/2021	17:50:23	78771.61	394753.33	40.72	Soil	11,520	0.01
08/25/2021	17:50:24	78771.68	394753.30	40.68	Soil	11,820	0.22
08/25/2021	17:50:25	78771.63	394753.33	40.65	Soil	12,120	0.43
08/25/2021	17:50:26	78771.55	394752.98	40.51	Soil	11,040	-0.33
08/25/2021	17:50:27	78771.67	394752.77	40.46	Soil	12,660	0.81
08/25/2021	17:50:28	78771.53	394752.55	40.42	Soil	12,060	0.39
08/25/2021	17:50:29	78771.67	394752.38	40.36	Soil	11,940	0.30
08/25/2021	17:50:30	78771.53	394752.27	40.32	Soil	10,200	-0.92
08/25/2021	17:50:31	78771.58	394752.13	40.27	Soil	11,460	-0.04
08/25/2021	17:50:32	78771.58	394751.99	40.26	Soil	12,360	0.60
08/25/2021	17:50:33	78771.48	394751.83	40.22	Soil	11,400	-0.08
08/25/2021	17:50:34	78771.54	394751.63	40.20	Soil	11,100	-0.29
08/25/2021	17:50:35	78771.43	394751.49	40.16	Soil	11,760	0.18
08/25/2021	17:50:36	78771.66	394751.41	40.12	Soil	10,560	-0.67
08/25/2021	17:50:37	78771.44	394751.23	40.12	Soil	11,100	-0.29
08/25/2021	17:50:38	78771.63	394751.12	40.09	Soil	11,760	0.18
08/25/2021	17:50:39	78771.41	394750.88	40.05	Soil	12,120	0.43
08/25/2021	17:50:40	78771.58	394750.76	40.02	Soil	12,720	0.85
08/25/2021	17:50:41	78771.41	394750.51	40.00	Soil	10,620	-0.62
08/25/2021	17:50:42	78771.63	394750.44	39.99	Soil	10,920	-0.41
08/25/2021	17:50:43	78771.57	394750.71	40.03	Soil	12,180	0.47
08/25/2021	17:50:44	78771.41	394750.84	40.07	Soil	13,200	1.19
08/25/2021	17:50:45	78771.53	394750.97	40.21	Soil	12,360	0.60
08/25/2021	17:50:46	78771.44	394750.98	40.19	Soil	12,120	0.43
08/25/2021	17:50:47	78771.52	394751.22	40.32	Soil	11,640	0.09
08/25/2021	17:50:48	78771.34	394751.33	40.32	Soil	13,800	1.61
08/25/2021	17:50:49	78771.49	394751.59	40.39	Soil	12,240	0.51
08/25/2021	17:50:50	78771.32	394751.61	40.38	Soil	12,240	0.51
08/25/2021	17:50:51	78771.42	394751.94	40.43	Soil	12,180	0.47
08/25/2021	17:50:52	78771.28	394752.08	40.44	Soil	10,320	-0.84
08/25/2021	17:50:53	78771.46	394752.30	40.50	Soil	11,280	-0.16
08/25/2021	17:50:54	78771.30	394752.40	40.53	Soil	11,220	-0.20
08/25/2021	17:50:55	78771.53	394752.62	40.58	Soil	12,840	0.93
08/25/2021	17:50:56	78771.34	394752.79	40.56	Soil	11,580	0.05
08/25/2021	17:50:57	78771.46	394753.05	40.66	Soil	11,880	0.26
08/25/2021	17:50:58	78771.37	394753.18	40.68	Soil	12,000	0.34
08/26/2021	14:51:30	78805.61	394722.89	40.41	Soil	12,180	0.47
08/26/2021	14:51:30	78805.61	394722.89	40.41	Soil	12,180	0.47
08/26/2021	14:51:31	78805.60	394722.84	40.43	Soil	12,540	0.72
08/26/2021	14:51:31	78805.60	394722.84	40.43	Soil	12,540	0.72
08/26/2021	14:51:32	78805.57	394722.76	40.45	Soil	14,700	2.24
08/26/2021	14:51:32	78805.57	394722.76	40.45	Soil	14,700	2.24
08/26/2021	14:51:33	78805.56	394722.72	40.46	Soil	14,700	2.24

SU 7D GWS RESULTS
(SOIL)

08/26/2021	14:51:33	78805.56	394722.72	40.46	Soil	14,700	2.24
08/26/2021	14:51:34	78805.50	394722.75	40.50	Soil	14,280	1.94
08/26/2021	14:51:34	78805.50	394722.75	40.50	Soil	14,280	1.94
08/26/2021	14:51:35	78805.19	394722.72	40.53	Soil	13,620	1.48
08/26/2021	14:51:35	78805.19	394722.72	40.53	Soil	13,620	1.48
08/26/2021	14:51:36	78804.79	394722.50	40.59	Soil	14,820	2.32
08/26/2021	14:51:36	78804.79	394722.50	40.59	Soil	14,820	2.32
08/26/2021	14:51:37	78804.24	394722.28	40.59	Soil	12,720	0.85
08/26/2021	14:51:37	78804.24	394722.28	40.59	Soil	12,720	0.85
08/26/2021	14:51:38	78803.73	394721.92	40.60	Soil	13,320	1.27
08/26/2021	14:51:38	78803.73	394721.92	40.60	Soil	13,320	1.27
08/26/2021	14:51:39	78803.26	394721.69	40.65	Soil	12,060	0.39
08/26/2021	14:51:39	78803.26	394721.69	40.65	Soil	12,060	0.39
08/26/2021	14:51:40	78802.76	394721.45	40.71	Soil	12,660	0.81
08/26/2021	14:51:40	78802.76	394721.45	40.71	Soil	12,660	0.81
08/26/2021	14:51:41	78802.48	394721.25	40.73	Soil	12,660	0.81
08/26/2021	14:51:41	78802.48	394721.25	40.73	Soil	12,660	0.81
08/26/2021	14:51:42	78802.16	394721.27	40.73	Soil	12,720	0.85
08/26/2021	14:51:42	78802.16	394721.27	40.73	Soil	12,720	0.85
08/26/2021	14:51:43	78801.78	394721.19	40.76	Soil	13,320	1.27
08/26/2021	14:51:43	78801.78	394721.19	40.76	Soil	13,320	1.27
08/26/2021	14:51:44	78801.24	394721.05	40.76	Soil	12,600	0.76
08/26/2021	14:51:44	78801.24	394721.05	40.76	Soil	12,600	0.76
08/26/2021	14:51:45	78800.81	394721.00	40.74	Soil	12,840	0.93
08/26/2021	14:51:45	78800.81	394721.00	40.74	Soil	12,840	0.93
08/26/2021	14:51:46	78800.72	394720.81	40.79	Soil	11,880	0.26
08/26/2021	14:51:46	78800.72	394720.81	40.79	Soil	11,880	0.26
08/26/2021	14:51:47	78800.58	394720.69	40.85	Soil	11,340	-0.12
08/26/2021	14:51:47	78800.58	394720.69	40.85	Soil	11,340	-0.12
08/26/2021	14:51:48	78800.29	394720.65	40.88	Soil	12,420	0.64
08/26/2021	14:51:48	78800.29	394720.65	40.88	Soil	12,420	0.64
08/26/2021	14:51:49	78800.02	394720.50	40.86	Soil	12,120	0.43
08/26/2021	14:51:49	78800.02	394720.50	40.86	Soil	12,120	0.43
08/26/2021	14:51:50	78799.70	394720.43	40.83	Soil	13,560	1.44
08/26/2021	14:51:50	78799.70	394720.43	40.83	Soil	13,560	1.44
08/26/2021	14:51:51	78799.43	394720.21	40.84	Soil	12,000	0.34
08/26/2021	14:51:51	78799.43	394720.21	40.84	Soil	12,000	0.34
08/26/2021	14:51:52	78799.08	394720.11	40.84	Soil	12,480	0.68
08/26/2021	14:51:52	78799.08	394720.11	40.84	Soil	12,480	0.68
08/26/2021	14:51:53	78798.71	394719.99	40.90	Soil	12,300	0.55
08/26/2021	14:51:53	78798.71	394719.99	40.90	Soil	12,300	0.55
08/26/2021	14:51:54	78798.48	394719.75	40.88	Soil	12,540	0.72
08/26/2021	14:51:54	78798.48	394719.75	40.88	Soil	12,540	0.72
08/26/2021	14:51:55	78798.25	394719.67	40.82	Soil	12,420	0.64
08/26/2021	14:51:55	78798.25	394719.67	40.82	Soil	12,420	0.64
08/26/2021	14:51:56	78798.04	394719.48	40.83	Soil	13,140	1.14
08/26/2021	14:51:56	78798.04	394719.48	40.83	Soil	13,140	1.14
08/26/2021	14:51:57	78797.81	394719.39	40.86	Soil	12,240	0.51
08/26/2021	14:51:57	78797.81	394719.39	40.86	Soil	12,240	0.51
08/26/2021	14:51:58	78797.50	394719.32	40.86	Soil	11,880	0.26
08/26/2021	14:51:58	78797.50	394719.32	40.86	Soil	11,880	0.26

SU 7D GWS RESULTS
(SOIL)

08/26/2021	14:51:59	78797.19	394719.12	40.82	Soil	13,140	1.14
08/26/2021	14:51:59	78797.19	394719.12	40.82	Soil	13,140	1.14
08/26/2021	14:52:00	78796.98	394719.12	40.82	Soil	11,760	0.18
08/26/2021	14:52:00	78796.98	394719.12	40.82	Soil	11,760	0.18
08/26/2021	14:52:01	78796.74	394718.98	40.81	Soil	12,900	0.98
08/26/2021	14:52:01	78796.74	394718.98	40.81	Soil	12,900	0.98
08/26/2021	14:52:02	78796.61	394718.90	40.80	Soil	13,440	1.35
08/26/2021	14:52:02	78796.61	394718.90	40.80	Soil	13,440	1.35
08/26/2021	14:52:03	78796.25	394718.69	40.80	Soil	12,240	0.51
08/26/2021	14:52:03	78796.25	394718.69	40.80	Soil	12,240	0.51
08/26/2021	14:52:04	78796.05	394718.53	40.80	Soil	10,680	-0.58
08/26/2021	14:52:04	78796.05	394718.53	40.80	Soil	10,680	-0.58
08/26/2021	14:52:05	78795.85	394718.50	40.85	Soil	12,360	0.60
08/26/2021	14:52:05	78795.85	394718.50	40.85	Soil	12,360	0.60
08/26/2021	14:52:06	78795.59	394718.24	40.88	Soil	9,900	-1.13
08/26/2021	14:52:06	78795.59	394718.24	40.88	Soil	9,900	-1.13
08/26/2021	14:52:07	78795.27	394718.13	40.89	Soil	11,940	0.30
08/26/2021	14:52:07	78795.27	394718.13	40.89	Soil	11,940	0.30
08/26/2021	14:52:08	78795.04	394717.95	40.88	Soil	11,880	0.26
08/26/2021	14:52:08	78795.04	394717.95	40.88	Soil	11,880	0.26
08/26/2021	14:52:09	78794.77	394717.86	40.90	Soil	12,300	0.55
08/26/2021	14:52:09	78794.77	394717.86	40.90	Soil	12,300	0.55
08/26/2021	14:52:10	78794.49	394717.78	40.92	Soil	12,240	0.51
08/26/2021	14:52:10	78794.49	394717.78	40.92	Soil	12,240	0.51
08/26/2021	14:52:11	78794.24	394717.56	40.91	Soil	13,620	1.48
08/26/2021	14:52:11	78794.24	394717.56	40.91	Soil	13,620	1.48
08/26/2021	14:52:12	78793.96	394717.47	40.93	Soil	10,260	-0.88
08/26/2021	14:52:12	78793.96	394717.47	40.93	Soil	10,260	-0.88
08/26/2021	14:52:13	78793.73	394717.33	40.93	Soil	13,740	1.56
08/26/2021	14:52:13	78793.73	394717.33	40.93	Soil	13,740	1.56
08/26/2021	14:52:14	78793.47	394717.16	40.93	Soil	13,140	1.14
08/26/2021	14:52:14	78793.47	394717.16	40.93	Soil	13,140	1.14
08/26/2021	14:52:15	78793.23	394717.11	40.95	Soil	10,440	-0.75
08/26/2021	14:52:15	78793.23	394717.11	40.95	Soil	10,440	-0.75
08/26/2021	14:52:16	78793.00	394716.92	40.96	Soil	11,820	0.22
08/26/2021	14:52:16	78793.00	394716.92	40.96	Soil	11,820	0.22
08/26/2021	14:52:17	78792.74	394716.87	40.97	Soil	12,060	0.39
08/26/2021	14:52:17	78792.74	394716.87	40.97	Soil	12,060	0.39
08/26/2021	14:52:18	78792.46	394716.77	40.98	Soil	10,980	-0.37
08/26/2021	14:52:18	78792.46	394716.77	40.98	Soil	10,980	-0.37
08/26/2021	14:52:19	78792.18	394716.59	40.97	Soil	12,180	0.47
08/26/2021	14:52:19	78792.18	394716.59	40.97	Soil	12,180	0.47
08/26/2021	14:52:20	78791.92	394716.52	40.95	Soil	13,500	1.40
08/26/2021	14:52:20	78791.92	394716.52	40.95	Soil	13,500	1.40
08/26/2021	14:52:21	78791.64	394716.31	40.91	Soil	11,940	0.30
08/26/2021	14:52:21	78791.64	394716.31	40.91	Soil	11,940	0.30
08/26/2021	14:52:22	78791.36	394716.22	40.86	Soil	12,240	0.51
08/26/2021	14:52:22	78791.36	394716.22	40.86	Soil	12,240	0.51
08/26/2021	14:52:23	78791.09	394716.03	40.87	Soil	10,560	-0.67
08/26/2021	14:52:23	78791.09	394716.03	40.87	Soil	10,560	-0.67
08/26/2021	14:52:24	78790.80	394715.89	40.87	Soil	10,560	-0.67

SU 7D GWS RESULTS
(SOIL)

08/26/2021	14:52:24	78790.80	394715.89	40.87	Soil	10,560	-0.67
08/26/2021	14:52:25	78790.53	394715.77	40.84	Soil	11,520	0.01
08/26/2021	14:52:25	78790.53	394715.77	40.84	Soil	11,520	0.01
08/26/2021	14:52:26	78790.19	394715.50	40.84	Soil	12,480	0.68
08/26/2021	14:52:26	78790.19	394715.50	40.84	Soil	12,480	0.68
08/26/2021	14:52:27	78789.83	394715.37	40.82	Soil	13,320	1.27
08/26/2021	14:52:27	78789.83	394715.37	40.82	Soil	13,320	1.27
08/26/2021	14:52:28	78789.51	394715.27	40.82	Soil	12,420	0.64
08/26/2021	14:52:28	78789.51	394715.27	40.82	Soil	12,420	0.64
08/26/2021	14:52:29	78789.19	394715.11	40.82	Soil	10,920	-0.41
08/26/2021	14:52:29	78789.19	394715.11	40.82	Soil	10,920	-0.41
08/26/2021	14:52:30	78788.91	394715.03	40.82	Soil	11,640	0.09
08/26/2021	14:52:30	78788.91	394715.03	40.82	Soil	11,640	0.09
08/26/2021	14:52:31	78788.69	394714.86	40.83	Soil	12,300	0.55
08/26/2021	14:52:31	78788.69	394714.86	40.83	Soil	12,300	0.55
08/26/2021	14:52:32	78788.39	394714.84	40.83	Soil	11,460	-0.04
08/26/2021	14:52:32	78788.39	394714.84	40.83	Soil	11,460	-0.04
08/26/2021	14:52:33	78788.07	394714.77	40.83	Soil	12,360	0.60
08/26/2021	14:52:33	78788.07	394714.77	40.83	Soil	12,360	0.60
08/26/2021	14:52:34	78787.78	394714.66	40.82	Soil	13,260	1.23
08/26/2021	14:52:34	78787.78	394714.66	40.82	Soil	13,260	1.23
08/26/2021	14:52:35	78787.49	394714.62	40.85	Soil	13,320	1.27
08/26/2021	14:52:35	78787.49	394714.62	40.85	Soil	13,320	1.27
08/26/2021	14:52:36	78787.20	394714.43	40.85	Soil	11,340	-0.12
08/26/2021	14:52:36	78787.20	394714.43	40.85	Soil	11,340	-0.12
08/26/2021	14:52:37	78786.87	394714.36	40.87	Soil	11,820	0.22
08/26/2021	14:52:37	78786.87	394714.36	40.87	Soil	11,820	0.22
08/26/2021	14:52:38	78786.63	394714.30	40.87	Soil	14,760	2.28
08/26/2021	14:52:38	78786.63	394714.30	40.87	Soil	14,760	2.28
08/26/2021	14:52:39	78786.42	394714.26	40.90	Soil	12,900	0.98
08/26/2021	14:52:39	78786.42	394714.26	40.90	Soil	12,900	0.98
08/26/2021	14:52:40	78786.25	394714.30	40.90	Soil	11,580	0.05
08/26/2021	14:52:40	78786.25	394714.30	40.90	Soil	11,580	0.05
08/26/2021	14:52:41	78786.14	394714.26	40.90	Soil	11,820	0.22
08/26/2021	14:52:41	78786.14	394714.26	40.90	Soil	11,820	0.22
08/26/2021	14:52:42	78785.92	394714.03	40.94	Soil	11,460	-0.04
08/26/2021	14:52:42	78785.92	394714.03	40.94	Soil	11,460	-0.04
08/26/2021	14:52:43	78785.58	394713.89	41.04	Soil	12,060	0.39
08/26/2021	14:52:43	78785.58	394713.89	41.04	Soil	12,060	0.39
08/26/2021	14:52:44	78785.20	394713.67	41.10	Soil	12,180	0.47
08/26/2021	14:52:44	78785.20	394713.67	41.10	Soil	12,180	0.47
08/26/2021	14:52:45	78784.94	394713.64	41.14	Soil	12,780	0.89
08/26/2021	14:52:45	78784.94	394713.64	41.14	Soil	12,780	0.89
08/26/2021	14:52:46	78784.62	394713.50	41.16	Soil	11,040	-0.33
08/26/2021	14:52:46	78784.62	394713.50	41.16	Soil	11,040	-0.33
08/26/2021	14:52:47	78784.24	394713.41	41.10	Soil	11,580	0.05
08/26/2021	14:52:47	78784.24	394713.41	41.10	Soil	11,580	0.05
08/26/2021	14:52:48	78783.93	394713.38	41.05	Soil	10,740	-0.54
08/26/2021	14:52:48	78783.93	394713.38	41.05	Soil	10,740	-0.54
08/26/2021	14:52:49	78783.54	394713.17	40.95	Soil	11,340	-0.12
08/26/2021	14:52:49	78783.54	394713.17	40.95	Soil	11,340	-0.12

SU 7D GWS RESULTS
(SOIL)

08/26/2021	14:52:50	78783.08	394713.07	40.88	Soil	12,120	0.43
08/26/2021	14:52:50	78783.08	394713.07	40.88	Soil	12,120	0.43
08/26/2021	14:52:51	78783.02	394712.75	40.93	Soil	12,780	0.89
08/26/2021	14:52:51	78783.02	394712.75	40.93	Soil	12,780	0.89
08/26/2021	14:52:52	78783.11	394712.50	40.93	Soil	13,260	1.23
08/26/2021	14:52:52	78783.11	394712.50	40.93	Soil	13,260	1.23
08/26/2021	14:52:53	78783.08	394712.41	40.92	Soil	11,880	0.26
08/26/2021	14:52:53	78783.08	394712.41	40.92	Soil	11,880	0.26
08/26/2021	14:52:54	78783.13	394712.59	40.90	Soil	12,540	0.72
08/26/2021	14:52:54	78783.13	394712.59	40.90	Soil	12,540	0.72
08/26/2021	14:52:55	78783.31	394712.63	40.90	Soil	12,480	0.68
08/26/2021	14:52:55	78783.31	394712.63	40.90	Soil	12,480	0.68
08/26/2021	14:52:56	78783.52	394712.70	40.93	Soil	14,340	1.99
08/26/2021	14:52:56	78783.52	394712.70	40.93	Soil	14,340	1.99
08/26/2021	14:52:57	78783.50	394712.67	40.90	Soil	10,920	-0.41
08/26/2021	14:52:57	78783.50	394712.67	40.90	Soil	10,920	-0.41
08/26/2021	14:52:58	78783.22	394712.64	40.88	Soil	13,260	1.23
08/26/2021	14:52:58	78783.22	394712.64	40.88	Soil	13,260	1.23
08/26/2021	14:52:59	78783.10	394712.66	40.88	Soil	14,640	2.20
08/26/2021	14:52:59	78783.10	394712.66	40.88	Soil	14,640	2.20
08/26/2021	14:53:00	78783.13	394712.64	40.88	Soil	14,340	1.99
08/26/2021	14:53:00	78783.13	394712.64	40.88	Soil	14,340	1.99
08/26/2021	14:53:01	78783.16	394712.60	40.89	Soil	12,300	0.55
08/26/2021	14:53:01	78783.16	394712.60	40.89	Soil	12,300	0.55
08/26/2021	14:53:02	78783.25	394712.62	40.95	Soil	13,080	1.10
08/26/2021	14:53:02	78783.25	394712.62	40.95	Soil	13,080	1.10
08/26/2021	14:53:03	78783.26	394713.05	40.94	Soil	12,480	0.68
08/26/2021	14:53:03	78783.26	394713.05	40.94	Soil	12,480	0.68
08/26/2021	14:53:04	78783.23	394713.35	40.81	Soil	12,240	0.51
08/26/2021	14:53:04	78783.23	394713.35	40.81	Soil	12,240	0.51
08/26/2021	14:53:05	78783.06	394713.84	40.77	Soil	12,540	0.72
08/26/2021	14:53:05	78783.06	394713.84	40.77	Soil	12,540	0.72
08/26/2021	14:53:06	78782.91	394714.22	40.75	Soil	12,180	0.47
08/26/2021	14:53:06	78782.91	394714.22	40.75	Soil	12,180	0.47
08/26/2021	14:53:07	78782.94	394714.27	40.74	Soil	12,120	0.43
08/26/2021	14:53:07	78782.94	394714.27	40.74	Soil	12,120	0.43
08/26/2021	14:53:58	78783.43	394712.40	40.83	Soil	13,200	1.19
08/26/2021	14:53:58	78783.43	394712.40	40.83	Soil	13,200	1.19
08/26/2021	14:53:59	78783.52	394712.41	40.80	Soil	13,680	1.52
08/26/2021	14:53:59	78783.52	394712.41	40.80	Soil	13,680	1.52
08/26/2021	14:54:00	78783.72	394712.44	40.85	Soil	10,440	-0.75
08/26/2021	14:54:00	78783.72	394712.44	40.85	Soil	10,440	-0.75
08/26/2021	14:54:01	78783.94	394712.51	40.82	Soil	12,540	0.72
08/26/2021	14:54:01	78783.94	394712.51	40.82	Soil	12,540	0.72
08/26/2021	14:54:02	78784.19	394712.53	40.80	Soil	15,120	2.53
08/26/2021	14:54:02	78784.19	394712.53	40.80	Soil	15,120	2.53
08/26/2021	14:54:03	78784.33	394712.62	40.79	Soil	12,540	0.72
08/26/2021	14:54:03	78784.33	394712.62	40.79	Soil	12,540	0.72
08/26/2021	14:54:04	78784.51	394712.60	40.77	Soil	13,140	1.14
08/26/2021	14:54:04	78784.51	394712.60	40.77	Soil	13,140	1.14
08/26/2021	14:54:05	78784.73	394712.71	40.80	Soil	12,720	0.85

SU 7D GWS RESULTS
(SOIL)

08/26/2021	14:54:05	78784.73	394712.71	40.80	Soil	12,720	0.85
08/26/2021	14:54:06	78784.86	394712.79	40.79	Soil	11,160	-0.25
08/26/2021	14:54:06	78784.86	394712.79	40.79	Soil	11,160	-0.25
08/26/2021	14:54:07	78785.11	394712.75	40.77	Soil	11,880	0.26
08/26/2021	14:54:07	78785.11	394712.75	40.77	Soil	11,880	0.26
08/26/2021	14:54:08	78785.28	394712.89	40.80	Soil	12,180	0.47
08/26/2021	14:54:08	78785.28	394712.89	40.80	Soil	12,180	0.47
08/26/2021	14:54:09	78785.44	394712.98	40.80	Soil	11,100	-0.29
08/26/2021	14:54:09	78785.44	394712.98	40.80	Soil	11,100	-0.29
08/26/2021	14:54:10	78785.65	394713.03	40.83	Soil	13,080	1.10
08/26/2021	14:54:10	78785.65	394713.03	40.83	Soil	13,080	1.10
08/26/2021	14:54:11	78785.81	394713.18	40.85	Soil	12,120	0.43
08/26/2021	14:54:11	78785.81	394713.18	40.85	Soil	12,120	0.43
08/26/2021	14:54:12	78786.02	394713.26	40.85	Soil	12,720	0.85
08/26/2021	14:54:12	78786.02	394713.26	40.85	Soil	12,720	0.85
08/26/2021	14:54:13	78786.28	394713.38	40.89	Soil	12,840	0.93
08/26/2021	14:54:13	78786.28	394713.38	40.89	Soil	12,840	0.93
08/26/2021	14:54:14	78786.46	394713.62	40.93	Soil	12,480	0.68
08/26/2021	14:54:14	78786.46	394713.62	40.93	Soil	12,480	0.68
08/26/2021	14:54:15	78786.73	394713.71	40.97	Soil	12,480	0.68
08/26/2021	14:54:15	78786.73	394713.71	40.97	Soil	12,480	0.68
08/26/2021	14:54:16	78786.98	394713.88	40.96	Soil	14,100	1.82
08/26/2021	14:54:16	78786.98	394713.88	40.96	Soil	14,100	1.82
08/26/2021	14:54:17	78787.15	394714.06	40.90	Soil	11,040	-0.33
08/26/2021	14:54:17	78787.15	394714.06	40.90	Soil	11,040	-0.33
08/26/2021	14:54:18	78787.39	394714.04	40.87	Soil	11,700	0.13
08/26/2021	14:54:18	78787.39	394714.04	40.87	Soil	11,700	0.13
08/26/2021	14:54:19	78787.64	394714.12	40.85	Soil	12,480	0.68
08/26/2021	14:54:19	78787.64	394714.12	40.85	Soil	12,480	0.68
08/26/2021	14:54:20	78787.84	394714.22	40.82	Soil	11,220	-0.20
08/26/2021	14:54:20	78787.84	394714.22	40.82	Soil	11,220	-0.20
08/26/2021	14:54:21	78788.11	394714.30	40.77	Soil	12,480	0.68
08/26/2021	14:54:21	78788.11	394714.30	40.77	Soil	12,480	0.68
08/26/2021	14:54:22	78788.34	394714.48	40.75	Soil	13,560	1.44
08/26/2021	14:54:22	78788.34	394714.48	40.75	Soil	13,560	1.44
08/26/2021	14:54:23	78788.58	394714.56	40.70	Soil	12,180	0.47
08/26/2021	14:54:23	78788.58	394714.56	40.70	Soil	12,180	0.47
08/26/2021	14:54:24	78788.82	394714.72	40.68	Soil	11,100	-0.29
08/26/2021	14:54:24	78788.82	394714.72	40.68	Soil	11,100	-0.29
08/26/2021	14:54:25	78789.09	394714.89	40.67	Soil	10,920	-0.41
08/26/2021	14:54:25	78789.09	394714.89	40.67	Soil	10,920	-0.41
08/26/2021	14:54:26	78789.38	394714.87	40.67	Soil	12,720	0.85
08/26/2021	14:54:26	78789.38	394714.87	40.67	Soil	12,720	0.85
08/26/2021	14:54:27	78789.63	394715.05	40.67	Soil	11,700	0.13
08/26/2021	14:54:27	78789.63	394715.05	40.67	Soil	11,700	0.13
08/26/2021	14:54:28	78789.90	394715.11	40.67	Soil	10,860	-0.46
08/26/2021	14:54:28	78789.90	394715.11	40.67	Soil	10,860	-0.46
08/26/2021	14:54:29	78790.14	394715.21	40.66	Soil	12,540	0.72
08/26/2021	14:54:29	78790.14	394715.21	40.66	Soil	12,540	0.72
08/26/2021	14:54:30	78790.32	394715.37	40.66	Soil	12,360	0.60
08/26/2021	14:54:30	78790.32	394715.37	40.66	Soil	12,360	0.60

SU 7D GWS RESULTS
(SOIL)

08/26/2021	14:54:31	78790.55	394715.44	40.66	Soil	10,680	-0.58
08/26/2021	14:54:31	78790.55	394715.44	40.66	Soil	10,680	-0.58
08/26/2021	14:54:32	78790.77	394715.62	40.67	Soil	12,060	0.39
08/26/2021	14:54:32	78790.77	394715.62	40.67	Soil	12,060	0.39
08/26/2021	14:54:33	78790.93	394715.65	40.68	Soil	11,700	0.13
08/26/2021	14:54:33	78790.93	394715.65	40.68	Soil	11,700	0.13
08/26/2021	14:54:34	78791.17	394715.69	40.71	Soil	11,820	0.22
08/26/2021	14:54:34	78791.17	394715.69	40.71	Soil	11,820	0.22
08/26/2021	14:54:35	78791.37	394715.85	40.72	Soil	10,860	-0.46
08/26/2021	14:54:35	78791.37	394715.85	40.72	Soil	10,860	-0.46
08/26/2021	14:54:36	78791.59	394715.88	40.74	Soil	11,760	0.18
08/26/2021	14:54:36	78791.59	394715.88	40.74	Soil	11,760	0.18
08/26/2021	14:54:37	78791.81	394716.04	40.75	Soil	12,360	0.60
08/26/2021	14:54:37	78791.81	394716.04	40.75	Soil	12,360	0.60
08/26/2021	14:54:38	78792.03	394716.05	40.76	Soil	12,900	0.98
08/26/2021	14:54:38	78792.03	394716.05	40.76	Soil	12,900	0.98
08/26/2021	14:54:39	78792.31	394716.17	40.78	Soil	12,420	0.64
08/26/2021	14:54:39	78792.31	394716.17	40.78	Soil	12,420	0.64
08/26/2021	14:54:40	78792.51	394716.34	40.79	Soil	13,440	1.35
08/26/2021	14:54:40	78792.51	394716.34	40.79	Soil	13,440	1.35
08/26/2021	14:54:41	78792.78	394716.41	40.78	Soil	11,160	-0.25
08/26/2021	14:54:41	78792.78	394716.41	40.78	Soil	11,160	-0.25
08/26/2021	14:54:42	78792.99	394716.59	40.79	Soil	11,400	-0.08
08/26/2021	14:54:42	78792.99	394716.59	40.79	Soil	11,400	-0.08
08/26/2021	14:54:43	78793.22	394716.62	40.78	Soil	11,700	0.13
08/26/2021	14:54:43	78793.22	394716.62	40.78	Soil	11,700	0.13
08/26/2021	14:54:44	78793.47	394716.71	40.80	Soil	10,560	-0.67
08/26/2021	14:54:44	78793.47	394716.71	40.80	Soil	10,560	-0.67
08/26/2021	14:54:45	78793.67	394716.90	40.81	Soil	12,180	0.47
08/26/2021	14:54:45	78793.67	394716.90	40.81	Soil	12,180	0.47
08/26/2021	14:54:46	78793.91	394716.97	40.79	Soil	10,800	-0.50
08/26/2021	14:54:46	78793.91	394716.97	40.79	Soil	10,800	-0.50
08/26/2021	14:54:47	78794.13	394717.15	40.80	Soil	12,720	0.85
08/26/2021	14:54:47	78794.13	394717.15	40.80	Soil	12,720	0.85
08/26/2021	14:54:48	78794.36	394717.23	40.79	Soil	12,240	0.51
08/26/2021	14:54:48	78794.36	394717.23	40.79	Soil	12,240	0.51
08/26/2021	14:54:49	78794.61	394717.33	40.76	Soil	9,420	-1.47
08/26/2021	14:54:49	78794.61	394717.33	40.76	Soil	9,420	-1.47
08/26/2021	14:54:50	78794.80	394717.53	40.76	Soil	12,840	0.93
08/26/2021	14:54:50	78794.80	394717.53	40.76	Soil	12,840	0.93
08/26/2021	17:43:27	78783.16	394712.66	40.12	Soil	12,900	0.98
08/26/2021	17:43:28	78783.17	394712.64	40.14	Soil	10,800	-0.50
08/26/2021	17:43:29	78783.19	394712.61	40.15	Soil	10,920	-0.41
08/26/2021	17:43:30	78783.24	394712.57	40.18	Soil	11,700	0.13
08/26/2021	17:43:31	78783.38	394712.55	40.17	Soil	11,460	-0.04
08/26/2021	17:43:32	78783.71	394712.66	40.17	Soil	10,740	-0.54
08/26/2021	17:43:33	78784.18	394712.80	40.18	Soil	11,280	-0.16
08/26/2021	17:43:34	78784.69	394712.96	40.19	Soil	12,000	0.34
08/26/2021	17:43:35	78785.19	394713.16	40.19	Soil	12,840	0.93
08/26/2021	17:43:36	78785.73	394713.29	40.22	Soil	11,040	-0.33
08/26/2021	17:43:37	78786.16	394713.50	40.21	Soil	12,120	0.43

SU 7D GWS RESULTS
(SOIL)

08/26/2021	17:43:38	78786.65	394713.72	40.35	Soil	11,700	0.13
08/26/2021	17:43:39	78786.99	394714.08	40.38	Soil	12,720	0.85
08/26/2021	17:43:40	78787.42	394714.31	40.41	Soil	12,900	0.98
08/26/2021	17:43:41	78787.79	394714.48	40.29	Soil	11,640	0.09
08/26/2021	17:43:42	78788.09	394714.52	40.29	Soil	11,520	0.01
08/26/2021	17:43:43	78788.39	394714.74	40.27	Soil	12,360	0.60
08/26/2021	17:43:44	78788.71	394714.88	40.25	Soil	11,940	0.30
08/26/2021	17:43:45	78789.09	394714.98	40.23	Soil	10,500	-0.71
08/26/2021	17:43:46	78789.31	394715.14	40.24	Soil	12,000	0.34
08/26/2021	17:43:47	78789.60	394715.25	40.25	Soil	11,640	0.09
08/26/2021	17:43:48	78789.90	394715.34	40.26	Soil	12,000	0.34
08/26/2021	17:43:49	78790.04	394715.41	40.26	Soil	11,520	0.01
08/26/2021	17:43:50	78790.24	394715.54	40.27	Soil	12,300	0.55
08/26/2021	17:43:51	78790.63	394715.54	40.32	Soil	10,320	-0.84
08/26/2021	17:43:52	78790.82	394715.78	40.32	Soil	11,040	-0.33
08/26/2021	17:43:53	78791.09	394715.90	40.37	Soil	10,920	-0.41
08/26/2021	17:43:54	78791.44	394715.96	40.42	Soil	11,040	-0.33
08/26/2021	17:43:55	78791.76	394716.20	40.43	Soil	11,100	-0.29
08/26/2021	17:43:56	78792.08	394716.28	40.46	Soil	12,300	0.55
08/26/2021	17:43:57	78792.32	394716.46	40.48	Soil	13,440	1.35
08/26/2021	17:43:58	78792.56	394716.64	40.51	Soil	9,720	-1.26
08/26/2021	17:43:59	78792.87	394716.73	40.53	Soil	13,980	1.73
08/26/2021	17:44:00	78793.11	394717.00	40.54	Soil	12,720	0.85
08/26/2021	17:44:01	78793.42	394717.14	40.54	Soil	12,000	0.34
08/26/2021	17:44:02	78793.69	394717.38	40.55	Soil	13,080	1.10
08/26/2021	17:44:03	78793.99	394717.50	40.55	Soil	11,400	-0.08
08/26/2021	17:44:04	78794.33	394717.53	40.55	Soil	11,580	0.05
08/26/2021	17:44:05	78794.59	394717.76	40.53	Soil	12,660	0.81
08/26/2021	17:44:06	78794.91	394717.81	40.55	Soil	11,820	0.22
08/26/2021	17:44:07	78795.27	394717.98	40.55	Soil	11,940	0.30
08/26/2021	17:44:08	78795.57	394718.18	40.53	Soil	12,540	0.72
08/26/2021	17:44:09	78795.88	394718.34	40.52	Soil	11,520	0.01
08/26/2021	17:44:10	78796.17	394718.50	40.51	Soil	13,440	1.35
08/26/2021	17:44:11	78796.49	394718.60	40.52	Soil	11,100	-0.29
08/26/2021	17:44:12	78796.84	394718.83	40.52	Soil	12,840	0.93
08/26/2021	17:44:13	78797.17	394719.04	40.49	Soil	13,200	1.19
08/26/2021	17:44:14	78797.58	394719.24	40.45	Soil	12,960	1.02
08/26/2021	17:44:15	78798.03	394719.55	40.48	Soil	11,340	-0.12
08/26/2021	17:44:16	78798.53	394719.70	40.45	Soil	12,900	0.98
08/26/2021	17:44:17	78798.86	394719.87	40.44	Soil	11,640	0.09
08/26/2021	17:44:18	78799.25	394720.00	40.44	Soil	13,320	1.27
08/26/2021	17:44:19	78799.63	394720.26	40.45	Soil	12,000	0.34
08/26/2021	17:44:20	78799.94	394720.54	40.40	Soil	10,620	-0.62
08/26/2021	17:44:21	78800.34	394720.67	40.39	Soil	14,820	2.32
08/26/2021	17:44:22	78800.77	394720.93	40.41	Soil	11,700	0.13
08/26/2021	17:44:23	78801.35	394721.09	40.42	Soil	12,840	0.93
08/26/2021	17:44:24	78801.70	394721.30	40.39	Soil	13,080	1.10
08/26/2021	17:44:25	78802.12	394721.43	40.36	Soil	13,560	1.44
08/26/2021	17:44:26	78802.48	394721.71	40.37	Soil	12,720	0.85
08/26/2021	17:44:27	78802.92	394721.90	40.38	Soil	13,320	1.27
08/26/2021	17:44:28	78803.32	394722.11	40.37	Soil	12,300	0.55

SU 7D GWS RESULTS
(SOIL)

08/26/2021	17:44:29	78803.67	394722.40	40.35	Soil	12,720	0.85
08/26/2021	17:44:30	78804.10	394722.53	40.32	Soil	13,140	1.14
08/26/2021	17:44:31	78804.43	394722.78	40.26	Soil	12,540	0.72
08/26/2021	17:44:32	78804.84	394722.94	40.19	Soil	12,180	0.47
08/26/2021	17:44:33	78805.27	394723.19	40.23	Soil	13,620	1.48
08/26/2021	17:44:34	78805.68	394723.15	40.22	Soil	11,340	-0.12
08/26/2021	17:44:35	78805.84	394722.96	40.22	Soil	13,140	1.14
08/26/2021	17:44:36	78805.87	394722.82	40.23	Soil	13,440	1.35
08/26/2021	17:44:37	78805.85	394722.76	40.23	Soil	11,580	0.05
08/26/2021	17:44:38	78805.79	394722.74	40.26	Soil	11,400	-0.08
08/26/2021	17:44:39	78805.56	394722.65	40.29	Soil	12,600	0.76
08/26/2021	17:44:40	78805.43	394722.42	40.33	Soil	13,740	1.56
08/26/2021	17:44:41	78805.19	394722.12	40.44	Soil	12,900	0.98
08/26/2021	17:44:42	78804.80	394722.00	40.48	Soil	13,080	1.10
08/26/2021	17:44:43	78804.58	394721.89	40.44	Soil	12,420	0.64
08/26/2021	17:44:44	78804.27	394721.74	40.44	Soil	15,060	2.49
08/26/2021	17:44:45	78804.04	394721.56	40.46	Soil	10,260	-0.88
08/26/2021	17:44:46	78803.76	394721.54	40.49	Soil	12,780	0.89
08/26/2021	17:44:47	78803.45	394721.36	40.54	Soil	14,220	1.90
08/26/2021	17:44:48	78803.12	394721.12	40.57	Soil	12,240	0.51
08/26/2021	17:44:49	78802.73	394720.96	40.60	Soil	12,840	0.93
08/26/2021	17:44:50	78802.42	394720.76	40.59	Soil	13,200	1.19
08/26/2021	17:44:51	78802.09	394720.62	40.60	Soil	13,440	1.35
08/26/2021	17:44:52	78801.78	394720.43	40.59	Soil	13,680	1.52
08/26/2021	17:44:53	78801.47	394720.34	40.60	Soil	11,940	0.30
08/26/2021	17:44:54	78801.18	394720.16	40.64	Soil	13,740	1.56
08/26/2021	17:44:55	78800.90	394720.00	40.62	Soil	11,580	0.05
08/26/2021	17:44:56	78800.59	394719.92	40.64	Soil	12,420	0.64
08/26/2021	17:44:57	78800.28	394719.77	40.67	Soil	13,080	1.10
08/26/2021	17:44:58	78800.00	394719.72	40.77	Soil	13,560	1.44
08/26/2021	17:44:59	78799.69	394719.57	40.75	Soil	11,640	0.09
08/26/2021	17:45:00	78799.33	394719.48	40.76	Soil	11,100	-0.29
08/26/2021	17:45:01	78799.02	394719.29	40.78	Soil	11,400	-0.08
08/26/2021	17:45:02	78798.69	394719.14	40.77	Soil	11,700	0.13
08/26/2021	17:45:03	78798.32	394719.03	40.82	Soil	11,520	0.01
08/26/2021	17:45:04	78797.97	394718.86	40.85	Soil	12,960	1.02
08/26/2021	17:45:05	78797.62	394718.71	40.88	Soil	12,120	0.43
08/26/2021	17:45:06	78797.34	394718.51	40.89	Soil	11,760	0.18
08/26/2021	17:45:07	78797.06	394718.37	40.88	Soil	11,580	0.05
08/26/2021	17:45:08	78796.80	394718.16	40.91	Soil	12,660	0.81
08/26/2021	17:45:09	78796.43	394718.04	40.91	Soil	13,080	1.10
08/26/2021	17:45:10	78796.08	394717.85	40.94	Soil	11,820	0.22
08/26/2021	17:45:11	78795.74	394717.69	40.93	Soil	12,600	0.76
08/26/2021	17:45:12	78795.41	394717.55	40.94	Soil	13,440	1.35
08/26/2021	17:45:13	78795.09	394717.35	40.93	Soil	11,520	0.01
08/26/2021	17:45:14	78794.77	394717.22	40.94	Soil	13,440	1.35
08/26/2021	17:45:15	78794.47	394717.02	40.95	Soil	13,380	1.31
08/26/2021	17:45:16	78794.14	394716.91	40.95	Soil	11,040	-0.33
08/26/2021	17:45:17	78793.84	394716.75	40.94	Soil	13,200	1.19
08/26/2021	17:45:18	78793.53	394716.65	40.94	Soil	11,280	-0.16
08/26/2021	17:45:19	78793.19	394716.49	40.94	Soil	13,560	1.44

SU 7D GWS RESULTS
(SOIL)

08/26/2021	17:45:20	78792.90	394716.33	40.93	Soil	13,200	1.19
08/26/2021	17:45:21	78792.61	394716.24	40.94	Soil	13,260	1.23
08/26/2021	17:45:22	78792.37	394716.04	40.94	Soil	11,640	0.09
08/26/2021	17:45:23	78792.11	394715.96	40.93	Soil	11,880	0.26
08/26/2021	17:45:24	78791.76	394715.78	40.94	Soil	12,480	0.68
08/26/2021	17:45:25	78791.37	394715.66	40.96	Soil	11,700	0.13
08/26/2021	17:45:26	78791.05	394715.49	41.00	Soil	11,700	0.13
08/26/2021	17:45:27	78790.73	394715.27	40.94	Soil	13,440	1.35
08/26/2021	17:45:28	78790.33	394715.04	41.04	Soil	10,020	-1.05
08/26/2021	17:45:29	78789.95	394714.81	40.97	Soil	13,020	1.06
08/26/2021	17:45:30	78789.61	394714.66	40.93	Soil	14,160	1.86
08/26/2021	17:45:31	78789.24	394714.49	40.99	Soil	12,000	0.34
08/26/2021	17:45:32	78788.87	394714.43	40.98	Soil	12,360	0.60
08/26/2021	17:45:33	78788.58	394714.25	40.95	Soil	11,580	0.05
08/26/2021	17:45:34	78788.20	394714.14	40.89	Soil	13,320	1.27
08/26/2021	17:45:35	78787.91	394713.94	40.85	Soil	11,040	-0.33
08/26/2021	17:45:36	78787.51	394713.83	40.86	Soil	12,900	0.98
08/26/2021	17:45:37	78787.16	394713.62	40.87	Soil	12,300	0.55
08/26/2021	17:45:38	78786.81	394713.54	40.87	Soil	11,340	-0.12
08/26/2021	17:45:39	78786.43	394713.34	40.89	Soil	10,620	-0.62
08/26/2021	17:45:40	78785.98	394713.19	40.89	Soil	11,640	0.09
08/26/2021	17:45:41	78785.57	394712.97	40.91	Soil	12,540	0.72
08/26/2021	17:45:42	78785.13	394712.81	40.91	Soil	12,240	0.51
08/26/2021	17:45:43	78784.69	394712.64	40.94	Soil	10,980	-0.37
08/26/2021	17:45:44	78784.28	394712.50	40.93	Soil	11,400	-0.08
08/26/2021	17:45:45	78783.95	394712.39	40.90	Soil	11,880	0.26
08/26/2021	17:45:46	78783.76	394712.20	40.90	Soil	12,960	1.02
08/26/2021	17:45:47	78783.67	394712.21	40.89	Soil	11,640	0.09
08/26/2021	17:45:48	78783.67	394712.14	40.88	Soil	13,020	1.06
08/26/2021	17:45:49	78783.59	394712.08	40.87	Soil	11,160	-0.25
08/26/2021	17:45:50	78783.24	394712.01	40.89	Soil	12,240	0.51
08/26/2021	17:45:51	78783.26	394711.86	40.86	Soil	10,320	-0.84
08/26/2021	17:45:52	78783.35	394711.99	40.85	Soil	11,160	-0.25
08/26/2021	17:45:53	78783.57	394712.09	40.83	Soil	11,820	0.22
08/26/2021	17:45:54	78783.85	394712.18	40.85	Soil	11,040	-0.33
08/26/2021	17:45:55	78784.13	394712.32	40.84	Soil	10,860	-0.46
08/26/2021	17:45:56	78784.46	394712.36	40.83	Soil	11,940	0.30
08/26/2021	17:45:57	78784.71	394712.56	40.83	Soil	12,000	0.34
08/26/2021	17:45:58	78785.01	394712.66	40.84	Soil	11,700	0.13
08/26/2021	17:45:59	78785.28	394712.80	40.82	Soil	11,940	0.30
08/26/2021	17:46:00	78785.53	394712.86	40.83	Soil	12,000	0.34
08/26/2021	17:46:01	78785.77	394713.02	40.85	Soil	11,220	-0.20
08/26/2021	17:46:02	78785.97	394713.09	40.84	Soil	11,520	0.01
08/26/2021	17:46:03	78786.22	394713.18	40.85	Soil	10,140	-0.96
08/26/2021	17:46:04	78786.49	394713.31	40.85	Soil	11,100	-0.29
08/26/2021	17:46:05	78786.82	394713.33	40.88	Soil	11,040	-0.33
08/26/2021	17:46:06	78787.07	394713.41	40.83	Soil	10,560	-0.67
08/26/2021	17:46:07	78787.30	394713.44	40.82	Soil	10,920	-0.41
08/26/2021	17:46:08	78787.57	394713.56	40.82	Soil	11,460	-0.04
08/26/2021	17:46:09	78787.82	394713.68	40.80	Soil	12,360	0.60
08/26/2021	17:46:10	78788.08	394713.76	40.81	Soil	12,840	0.93

SU 7D GWS RESULTS
(SOIL)

08/26/2021	17:46:11	78788.35	394713.84	40.76	Soil	12,600	0.76
08/26/2021	17:46:12	78788.65	394713.89	40.77	Soil	11,100	-0.29
08/26/2021	17:46:13	78788.98	394713.98	40.77	Soil	9,720	-1.26
08/26/2021	17:46:14	78789.26	394714.07	40.75	Soil	12,240	0.51
08/26/2021	17:46:15	78789.57	394714.16	40.80	Soil	13,680	1.52
08/26/2021	17:46:16	78789.88	394714.24	40.79	Soil	11,700	0.13
08/26/2021	17:46:17	78790.21	394714.30	40.83	Soil	12,720	0.85
08/26/2021	17:46:18	78790.46	394714.47	40.86	Soil	13,080	1.10
08/26/2021	17:46:19	78790.72	394714.60	40.87	Soil	12,180	0.47
08/26/2021	17:46:20	78791.01	394714.77	40.88	Soil	11,340	-0.12
08/26/2021	17:46:21	78791.32	394714.88	40.93	Soil	12,720	0.85
08/26/2021	17:46:22	78791.55	394715.07	41.10	Soil	14,820	2.32
08/26/2021	17:46:23	78791.73	394715.21	41.09	Soil	10,860	-0.46
08/26/2021	17:46:24	78792.05	394715.33	41.01	Soil	11,040	-0.33
08/26/2021	17:46:25	78792.31	394715.49	40.93	Soil	10,800	-0.50
08/26/2021	17:46:26	78792.58	394715.66	40.94	Soil	11,460	-0.04
08/26/2021	17:46:27	78792.84	394715.89	40.93	Soil	12,720	0.85
08/26/2021	17:46:28	78793.14	394716.06	40.95	Soil	10,740	-0.54
08/26/2021	17:46:29	78793.40	394716.31	40.95	Soil	12,000	0.34
08/26/2021	17:46:30	78793.71	394716.48	40.96	Soil	13,800	1.61
08/26/2021	17:46:31	78794.02	394716.58	40.93	Soil	11,940	0.30
08/26/2021	17:46:32	78794.34	394716.71	40.94	Soil	11,460	-0.04
08/26/2021	17:46:33	78794.63	394716.92	40.93	Soil	11,640	0.09
08/26/2021	17:46:34	78794.97	394717.03	40.94	Soil	10,620	-0.62
08/26/2021	17:46:35	78795.29	394717.21	40.95	Soil	12,660	0.81
08/26/2021	17:46:36	78795.56	394717.36	40.94	Soil	10,020	-1.05
08/26/2021	17:46:37	78795.92	394717.49	40.95	Soil	10,920	-0.41
08/26/2021	17:46:38	78796.25	394717.68	40.94	Soil	11,460	-0.04
08/26/2021	17:46:39	78796.60	394717.82	40.93	Soil	10,320	-0.84
08/26/2021	17:46:40	78796.95	394718.04	40.89	Soil	12,000	0.34
08/26/2021	17:46:41	78797.32	394718.16	40.83	Soil	11,880	0.26
08/26/2021	17:46:42	78797.69	394718.36	40.80	Soil	12,120	0.43
08/26/2021	17:46:43	78798.08	394718.49	40.81	Soil	11,700	0.13
08/26/2021	17:46:44	78798.36	394718.73	40.80	Soil	13,200	1.19
08/26/2021	17:46:45	78798.67	394718.82	40.78	Soil	12,540	0.72
08/26/2021	17:46:46	78798.93	394719.02	40.79	Soil	11,100	-0.29
08/26/2021	17:46:47	78799.28	394719.19	40.81	Soil	13,560	1.44
08/26/2021	17:46:48	78799.74	394719.38	40.77	Soil	12,600	0.76
08/26/2021	17:46:49	78800.16	394719.55	40.71	Soil	13,440	1.35
08/26/2021	17:46:50	78800.55	394719.59	40.68	Soil	11,880	0.26
08/26/2021	17:46:51	78800.88	394719.77	40.63	Soil	12,420	0.64
08/26/2021	17:46:52	78801.27	394719.92	40.68	Soil	15,540	2.83
08/26/2021	17:46:53	78801.59	394720.18	40.66	Soil	13,200	1.19
08/26/2021	17:46:54	78801.96	394720.29	40.67	Soil	12,060	0.39
08/26/2021	17:46:55	78802.32	394720.53	40.66	Soil	11,760	0.18
08/26/2021	17:46:56	78802.65	394720.68	40.65	Soil	10,260	-0.88
08/26/2021	17:46:57	78802.95	394720.85	40.61	Soil	12,480	0.68
08/26/2021	17:46:58	78803.32	394720.96	40.55	Soil	13,560	1.44
08/26/2021	17:46:59	78803.63	394721.19	40.54	Soil	12,300	0.55
08/26/2021	17:47:00	78804.05	394721.28	40.54	Soil	13,560	1.44
08/26/2021	17:47:01	78804.42	394721.50	40.50	Soil	11,820	0.22

SU 7D GWS RESULTS
(SOIL)

08/26/2021	17:47:02	78804.71	394721.57	40.46	Soil	13,620	1.48
08/26/2021	17:47:03	78804.98	394721.75	40.44	Soil	14,100	1.82
08/26/2021	17:47:04	78805.29	394721.97	40.40	Soil	14,940	2.41
08/26/2021	17:47:05	78805.60	394722.37	40.37	Soil	11,160	-0.25
08/26/2021	17:47:06	78805.90	394722.58	40.33	Soil	11,820	0.22
08/26/2021	17:47:07	78806.28	394722.57	40.33	Soil	14,160	1.86
08/26/2021	17:47:08	78806.38	394722.37	40.32	Soil	12,960	1.02
08/26/2021	17:47:09	78806.30	394722.17	40.33	Soil	14,220	1.90
08/26/2021	17:47:10	78806.15	394722.03	40.35	Soil	13,440	1.35
08/26/2021	17:47:11	78806.28	394722.05	40.35	Soil	11,520	0.01
08/26/2021	17:47:12	78806.08	394721.94	40.37	Soil	13,860	1.65
08/26/2021	17:47:13	78805.82	394721.74	40.39	Soil	13,140	1.14
08/26/2021	17:47:14	78805.47	394721.59	40.48	Soil	12,480	0.68
08/26/2021	17:47:15	78805.15	394721.40	40.49	Soil	15,420	2.74
08/26/2021	17:47:16	78804.88	394721.30	40.51	Soil	12,720	0.85
08/26/2021	17:47:17	78804.57	394721.08	40.50	Soil	15,000	2.45
08/26/2021	17:47:18	78804.28	394721.02	40.49	Soil	14,760	2.28
08/26/2021	17:47:19	78803.94	394720.77	40.52	Soil	11,940	0.30
08/26/2021	17:47:20	78803.58	394720.63	40.54	Soil	13,320	1.27
08/26/2021	17:47:21	78803.26	394720.46	40.59	Soil	12,780	0.89
08/26/2021	17:47:22	78802.99	394720.27	40.60	Soil	12,120	0.43
08/26/2021	17:47:23	78802.77	394720.11	40.54	Soil	12,840	0.93
08/26/2021	17:47:24	78802.55	394719.90	40.52	Soil	13,920	1.69
08/26/2021	17:47:25	78802.17	394719.86	40.54	Soil	13,980	1.73
08/26/2021	17:47:26	78801.86	394719.64	40.56	Soil	14,040	1.78
08/26/2021	17:47:27	78801.59	394719.49	40.55	Soil	12,600	0.76
08/26/2021	17:47:28	78801.32	394719.31	40.57	Soil	11,940	0.30
08/26/2021	17:47:29	78801.08	394719.13	40.57	Soil	12,300	0.55
08/26/2021	17:47:30	78800.76	394719.03	40.58	Soil	12,180	0.47
08/26/2021	17:47:31	78800.45	394718.84	40.55	Soil	13,680	1.52
08/26/2021	17:47:32	78800.17	394718.77	40.56	Soil	13,380	1.31
08/26/2021	17:47:33	78799.92	394718.57	40.58	Soil	13,380	1.31
08/26/2021	17:47:34	78799.62	394718.48	40.60	Soil	12,540	0.72
08/26/2021	17:47:35	78799.35	394718.35	40.61	Soil	12,900	0.98
08/26/2021	17:47:36	78799.05	394718.27	40.59	Soil	13,140	1.14
08/26/2021	17:47:37	78798.85	394718.13	40.61	Soil	12,900	0.98
08/26/2021	17:47:38	78798.53	394718.04	40.61	Soil	12,120	0.43
08/26/2021	17:47:39	78798.26	394717.90	40.63	Soil	11,280	-0.16
08/26/2021	17:47:40	78797.95	394717.75	40.71	Soil	13,320	1.27
08/26/2021	17:47:41	78797.66	394717.67	40.74	Soil	11,400	-0.08
08/26/2021	17:47:42	78797.43	394717.53	40.78	Soil	12,420	0.64
08/26/2021	17:47:43	78797.14	394717.43	40.81	Soil	14,580	2.15
08/26/2021	17:47:44	78796.85	394717.25	40.80	Soil	11,340	-0.12
08/26/2021	17:47:45	78796.55	394717.14	40.81	Soil	11,340	-0.12
08/26/2021	17:47:46	78796.31	394716.95	40.80	Soil	14,100	1.82
08/26/2021	17:47:47	78796.04	394716.85	40.79	Soil	13,320	1.27
08/26/2021	17:47:48	78795.78	394716.67	40.79	Soil	11,460	-0.04
08/26/2021	17:47:49	78795.49	394716.57	40.78	Soil	11,280	-0.16
08/26/2021	17:47:50	78795.23	394716.42	40.78	Soil	9,480	-1.42
08/26/2021	17:47:51	78794.93	394716.31	40.77	Soil	10,500	-0.71
08/26/2021	17:47:52	78794.65	394716.13	40.77	Soil	13,260	1.23

SU 7D GWS RESULTS
(SOIL)

08/26/2021	17:47:53	78794.31	394716.01	40.75	Soil	13,740	1.56
08/26/2021	17:47:54	78794.02	394715.85	40.75	Soil	11,520	0.01
08/26/2021	17:47:55	78793.76	394715.69	40.75	Soil	11,700	0.13
08/26/2021	17:47:56	78793.44	394715.55	40.76	Soil	12,060	0.39
08/26/2021	17:47:57	78793.10	394715.38	40.81	Soil	13,500	1.40
08/26/2021	17:47:58	78792.63	394715.29	40.81	Soil	12,300	0.55
08/26/2021	17:47:59	78792.40	394715.03	40.80	Soil	13,560	1.44
08/26/2021	17:48:00	78792.03	394714.80	40.68	Soil	13,560	1.44
08/26/2021	17:48:01	78791.79	394714.69	40.61	Soil	12,240	0.51
08/26/2021	17:48:02	78791.42	394714.47	40.61	Soil	12,120	0.43
08/26/2021	17:48:03	78791.04	394714.36	40.60	Soil	11,940	0.30
08/26/2021	17:48:04	78790.70	394714.14	40.59	Soil	12,000	0.34
08/26/2021	17:48:05	78790.26	394714.03	40.60	Soil	13,440	1.35
08/26/2021	17:48:06	78789.85	394713.82	40.62	Soil	12,240	0.51
08/26/2021	17:48:07	78789.45	394713.68	40.64	Soil	10,740	-0.54
08/26/2021	17:48:08	78789.03	394713.52	40.67	Soil	11,640	0.09
08/26/2021	17:48:09	78788.65	394713.41	40.70	Soil	10,920	-0.41
08/26/2021	17:48:10	78788.29	394713.29	40.73	Soil	12,240	0.51
08/26/2021	17:48:11	78788.01	394713.09	40.74	Soil	10,560	-0.67
08/26/2021	17:48:12	78787.55	394712.96	40.74	Soil	11,580	0.05
08/26/2021	17:48:13	78787.12	394712.73	40.79	Soil	12,780	0.89
08/26/2021	17:48:14	78786.81	394712.68	40.79	Soil	13,080	1.10
08/26/2021	17:48:15	78786.51	394712.49	40.78	Soil	12,240	0.51
08/26/2021	17:48:16	78786.22	394712.39	40.79	Soil	10,140	-0.96
08/26/2021	17:48:17	78785.89	394712.23	40.80	Soil	10,800	-0.50
08/26/2021	17:48:18	78785.59	394712.07	40.80	Soil	11,520	0.01
08/26/2021	17:48:19	78785.26	394711.97	40.81	Soil	13,560	1.44
08/26/2021	17:48:20	78784.92	394711.80	40.82	Soil	13,560	1.44
08/26/2021	17:48:21	78784.57	394711.68	40.81	Soil	11,880	0.26
08/26/2021	17:48:22	78784.28	394711.53	40.81	Soil	10,860	-0.46
08/26/2021	17:48:23	78783.91	394711.58	40.82	Soil	12,660	0.81
08/26/2021	17:48:24	78783.41	394711.57	40.85	Soil	11,040	-0.33
08/26/2021	17:48:25	78783.04	394711.33	40.85	Soil	12,060	0.39
08/26/2021	17:48:26	78783.02	394711.26	40.85	Soil	11,880	0.26
08/26/2021	17:48:27	78783.05	394711.28	40.86	Soil	11,880	0.26
08/26/2021	17:48:28	78783.14	394711.26	40.85	Soil	12,960	1.02
08/26/2021	17:48:29	78783.23	394711.24	40.85	Soil	10,980	-0.37
08/26/2021	17:48:30	78783.38	394711.23	40.84	Soil	12,600	0.76
08/26/2021	17:48:31	78783.49	394711.39	40.82	Soil	12,180	0.47
08/26/2021	17:48:32	78783.73	394711.45	40.81	Soil	12,600	0.76
08/26/2021	17:48:33	78784.11	394711.48	40.83	Soil	12,000	0.34
08/26/2021	17:48:34	78784.39	394711.62	40.82	Soil	10,860	-0.46
08/26/2021	17:48:35	78784.71	394711.63	40.83	Soil	13,200	1.19
08/26/2021	17:48:36	78784.94	394711.74	40.85	Soil	12,180	0.47
08/26/2021	17:48:37	78785.04	394711.76	40.86	Soil	12,540	0.72
08/26/2021	17:48:38	78785.08	394711.71	40.85	Soil	13,260	1.23
08/26/2021	17:48:39	78785.09	394711.67	40.85	Soil	12,420	0.64
08/26/2021	17:48:40	78785.13	394711.66	40.84	Soil	12,120	0.43
08/26/2021	17:48:41	78785.17	394711.56	40.84	Soil	11,700	0.13
08/26/2021	17:48:42	78785.09	394711.62	40.83	Soil	13,380	1.31
08/26/2021	17:48:43	78785.15	394711.70	40.82	Soil	11,880	0.26

SU 7D GWS RESULTS
(SOIL)

08/26/2021	17:48:44	78785.45	394711.76	40.82	Soil	11,520	0.01
08/26/2021	17:48:45	78785.64	394711.91	40.83	Soil	11,340	-0.12
08/26/2021	17:48:46	78785.94	394712.02	40.81	Soil	13,740	1.56
08/26/2021	17:48:47	78786.25	394712.00	40.82	Soil	10,380	-0.79
08/26/2021	17:48:48	78786.53	394712.12	40.80	Soil	14,040	1.78
08/26/2021	17:48:49	78786.85	394712.16	40.79	Soil	12,660	0.81
08/26/2021	17:48:50	78787.13	394712.29	40.79	Soil	13,680	1.52
08/26/2021	17:48:51	78787.38	394712.36	40.75	Soil	12,600	0.76
08/26/2021	17:48:52	78787.68	394712.40	40.74	Soil	10,320	-0.84
08/26/2021	17:48:53	78787.94	394712.55	40.72	Soil	11,040	-0.33
08/26/2021	17:48:54	78788.24	394712.64	40.72	Soil	11,880	0.26
08/26/2021	17:48:55	78788.51	394712.78	40.71	Soil	13,200	1.19
08/26/2021	17:48:56	78788.79	394712.88	40.73	Soil	12,540	0.72
08/26/2021	17:48:57	78789.03	394713.04	40.73	Soil	11,460	-0.04
08/26/2021	17:48:58	78789.30	394713.14	40.71	Soil	10,260	-0.88
08/26/2021	17:48:59	78789.59	394713.29	40.71	Soil	12,360	0.60
08/26/2021	17:49:00	78789.86	394713.41	40.69	Soil	11,760	0.18
08/26/2021	17:49:01	78790.16	394713.53	40.70	Soil	11,580	0.05
08/26/2021	17:49:02	78790.43	394713.70	40.70	Soil	13,260	1.23
08/26/2021	17:49:03	78790.78	394713.82	40.73	Soil	11,940	0.30
08/26/2021	17:49:04	78791.05	394714.04	40.75	Soil	11,340	-0.12
08/26/2021	17:49:05	78791.36	394714.12	40.77	Soil	13,140	1.14
08/26/2021	17:49:06	78791.58	394714.26	40.82	Soil	11,040	-0.33
08/26/2021	17:49:07	78791.89	394714.33	40.86	Soil	13,080	1.10
08/26/2021	17:49:08	78792.20	394714.49	40.84	Soil	13,080	1.10
08/26/2021	17:49:09	78792.72	394714.92	40.88	Soil	13,680	1.52
08/26/2021	17:49:10	78792.95	394714.99	40.87	Soil	12,060	0.39
08/26/2021	17:49:11	78793.29	394715.22	40.89	Soil	11,340	-0.12
08/26/2021	17:49:12	78793.60	394715.41	40.88	Soil	13,020	1.06
08/26/2021	17:49:13	78793.95	394715.59	40.91	Soil	12,780	0.89
08/26/2021	17:49:14	78794.21	394715.83	40.91	Soil	11,220	-0.20
08/26/2021	17:49:15	78794.57	394715.93	40.91	Soil	11,700	0.13
08/26/2021	17:49:16	78794.92	394716.16	40.89	Soil	11,400	-0.08
08/26/2021	17:49:17	78795.29	394716.34	40.91	Soil	12,540	0.72
08/26/2021	17:49:18	78795.60	394716.54	40.89	Soil	11,820	0.22
08/26/2021	17:49:19	78795.91	394716.64	40.89	Soil	11,400	-0.08
08/26/2021	17:49:20	78796.19	394716.83	40.89	Soil	12,780	0.89
08/26/2021	17:49:21	78796.53	394716.93	40.88	Soil	12,300	0.55
08/26/2021	17:49:22	78796.82	394717.04	40.83	Soil	12,360	0.60
08/26/2021	17:49:23	78797.12	394717.18	40.74	Soil	13,380	1.31
08/26/2021	17:49:24	78797.45	394717.32	40.70	Soil	13,140	1.14
08/26/2021	17:49:25	78797.76	394717.55	40.70	Soil	12,420	0.64
08/26/2021	17:49:26	78798.08	394717.65	40.70	Soil	13,140	1.14
08/26/2021	17:49:27	78798.37	394717.85	40.72	Soil	12,960	1.02
08/26/2021	17:49:28	78798.70	394718.00	40.69	Soil	14,040	1.78
08/26/2021	17:49:29	78799.02	394718.21	40.66	Soil	12,120	0.43
08/26/2021	17:49:30	78799.45	394718.22	40.59	Soil	14,280	1.94
08/26/2021	17:49:31	78799.80	394718.42	40.65	Soil	13,260	1.23
08/26/2021	17:49:32	78800.33	394718.53	40.64	Soil	11,460	-0.04
08/26/2021	17:49:33	78800.69	394718.70	40.65	Soil	13,020	1.06
08/26/2021	17:49:34	78801.07	394718.93	40.66	Soil	12,600	0.76

SU 7D GWS RESULTS
(SOIL)

08/26/2021	17:49:35	78801.43	394719.06	40.64	Soil	14,160	1.86
08/26/2021	17:49:36	78801.78	394719.27	40.64	Soil	11,940	0.30
08/26/2021	17:49:37	78802.22	394719.34	40.65	Soil	13,080	1.10
08/26/2021	17:49:38	78802.58	394719.52	40.60	Soil	13,620	1.48
08/26/2021	17:49:39	78803.00	394719.59	40.54	Soil	13,140	1.14
08/26/2021	17:49:40	78803.41	394719.77	40.56	Soil	11,940	0.30
08/26/2021	17:49:41	78803.99	394719.85	40.56	Soil	13,440	1.35
08/26/2021	17:49:42	78804.34	394720.20	40.55	Soil	12,840	0.93
08/26/2021	17:49:43	78804.68	394720.38	40.49	Soil	12,300	0.55
08/26/2021	17:49:44	78805.04	394720.64	40.34	Soil	14,460	2.07
08/26/2021	17:49:45	78805.65	394720.79	40.37	Soil	11,640	0.09
08/26/2021	17:49:46	78805.97	394720.89	40.36	Soil	12,600	0.76
08/26/2021	17:49:47	78806.03	394720.84	40.35	Soil	12,720	0.85
08/26/2021	17:49:48	78805.83	394720.50	40.44	Soil	13,080	1.10
08/26/2021	17:49:49	78805.47	394720.39	40.52	Soil	14,040	1.78
08/26/2021	17:49:50	78805.20	394720.05	40.56	Soil	13,980	1.73
08/26/2021	17:49:51	78804.83	394719.96	40.53	Soil	13,140	1.14
08/26/2021	17:49:52	78804.51	394719.59	40.54	Soil	12,060	0.39
08/26/2021	17:49:53	78804.13	394719.40	40.52	Soil	13,500	1.40
08/26/2021	17:49:54	78803.76	394719.09	40.55	Soil	11,700	0.13
08/26/2021	17:49:55	78803.29	394719.01	40.58	Soil	13,260	1.23
08/26/2021	17:49:56	78802.73	394718.75	40.61	Soil	12,540	0.72
08/26/2021	17:49:57	78802.15	394718.64	40.63	Soil	14,040	1.78
08/26/2021	17:49:58	78801.64	394718.35	40.60	Soil	13,740	1.56
08/26/2021	17:49:59	78801.16	394718.19	40.59	Soil	11,580	0.05
08/26/2021	17:50:00	78800.71	394717.92	40.58	Soil	11,100	-0.29
08/26/2021	17:50:01	78800.27	394717.74	40.59	Soil	11,520	0.01
08/26/2021	17:50:02	78799.85	394717.46	40.59	Soil	12,000	0.34
08/26/2021	17:50:03	78799.50	394717.25	40.58	Soil	12,240	0.51
08/26/2021	17:50:04	78799.21	394716.87	40.55	Soil	12,780	0.89
08/26/2021	17:50:05	78799.11	394716.68	40.59	Soil	12,360	0.60
08/26/2021	17:50:06	78798.76	394716.63	40.60	Soil	11,940	0.30
08/26/2021	17:50:07	78798.58	394716.48	40.61	Soil	11,700	0.13
08/26/2021	17:50:08	78798.31	394716.34	40.61	Soil	12,540	0.72
08/26/2021	17:50:09	78798.00	394716.16	40.61	Soil	11,880	0.26
08/26/2021	17:50:10	78797.68	394716.02	40.60	Soil	10,920	-0.41
08/26/2021	17:50:11	78797.37	394715.90	40.66	Soil	12,900	0.98
08/26/2021	17:50:12	78797.04	394715.81	40.66	Soil	12,300	0.55
08/26/2021	17:50:13	78796.75	394715.70	40.66	Soil	11,760	0.18
08/26/2021	17:50:14	78796.42	394715.58	40.70	Soil	10,800	-0.50
08/26/2021	17:50:15	78796.11	394715.39	40.73	Soil	13,920	1.69
08/26/2021	17:50:16	78795.78	394715.26	40.74	Soil	13,080	1.10
08/26/2021	17:50:17	78795.54	394715.09	40.76	Soil	11,820	0.22
08/26/2021	17:50:18	78795.20	394714.99	40.77	Soil	13,620	1.48
08/26/2021	17:50:19	78794.90	394714.85	40.77	Soil	12,420	0.64
08/26/2021	17:50:20	78794.55	394714.69	40.75	Soil	12,120	0.43
08/26/2021	17:50:21	78794.21	394714.54	40.72	Soil	11,460	-0.04
08/26/2021	17:50:22	78793.92	394714.33	40.69	Soil	11,760	0.18
08/26/2021	17:50:23	78793.54	394714.15	40.69	Soil	12,540	0.72
08/26/2021	17:50:24	78793.18	394713.97	40.68	Soil	12,360	0.60
08/26/2021	17:50:25	78792.75	394713.93	40.66	Soil	13,320	1.27

SU 7D GWS RESULTS
(SOIL)

08/26/2021	17:50:26	78792.45	394713.77	40.58	Soil	11,760	0.18
08/26/2021	17:50:27	78792.10	394713.73	40.53	Soil	12,660	0.81
08/26/2021	17:50:28	78791.74	394713.56	40.49	Soil	12,360	0.60
08/26/2021	17:50:29	78791.28	394713.48	40.49	Soil	12,660	0.81
08/26/2021	17:50:30	78790.81	394713.23	40.52	Soil	10,920	-0.41
08/26/2021	17:50:31	78790.34	394713.10	40.53	Soil	11,280	-0.16
08/26/2021	17:50:32	78789.89	394712.83	40.54	Soil	10,380	-0.79
08/26/2021	17:50:33	78789.46	394712.74	40.56	Soil	12,360	0.60
08/26/2021	17:50:34	78789.11	394712.55	40.57	Soil	12,720	0.85
08/26/2021	17:50:35	78788.72	394712.48	40.58	Soil	10,080	-1.00
08/26/2021	17:50:36	78788.37	394712.26	40.59	Soil	11,340	-0.12
08/26/2021	17:50:37	78788.00	394712.20	40.62	Soil	11,340	-0.12
08/26/2021	17:50:38	78787.70	394712.05	40.64	Soil	12,540	0.72
08/26/2021	17:50:39	78787.38	394711.98	40.65	Soil	12,480	0.68
08/26/2021	17:50:40	78787.06	394711.85	40.67	Soil	11,280	-0.16
08/26/2021	17:50:41	78786.68	394711.78	40.68	Soil	10,560	-0.67
08/26/2021	17:50:42	78786.30	394711.67	40.70	Soil	12,660	0.81
08/26/2021	17:50:43	78785.92	394711.53	40.68	Soil	10,860	-0.46
08/26/2021	17:50:44	78785.59	394711.44	40.67	Soil	11,640	0.09
08/26/2021	17:50:45	78785.25	394711.25	40.66	Soil	10,980	-0.37
08/26/2021	17:50:46	78784.85	394711.19	40.67	Soil	11,580	0.05
08/26/2021	17:50:47	78784.53	394711.02	40.67	Soil	9,960	-1.09
08/26/2021	17:50:48	78784.08	394710.96	40.69	Soil	13,380	1.31
08/26/2021	17:50:49	78783.46	394710.88	40.71	Soil	12,900	0.98
08/26/2021	17:50:50	78783.12	394710.75	40.72	Soil	13,020	1.06
08/26/2021	17:50:51	78783.17	394710.49	40.72	Soil	11,940	0.30
08/26/2021	17:50:52	78783.15	394710.45	40.75	Soil	12,360	0.60
08/26/2021	17:50:53	78783.22	394710.40	40.74	Soil	12,060	0.39
08/26/2021	17:50:54	78783.19	394710.35	40.74	Soil	12,060	0.39
08/26/2021	17:50:55	78783.26	394710.43	40.72	Soil	11,640	0.09
08/26/2021	17:50:56	78783.44	394710.61	40.71	Soil	14,100	1.82
08/26/2021	17:50:57	78783.74	394710.59	40.73	Soil	12,240	0.51
08/26/2021	17:50:58	78783.99	394710.71	40.69	Soil	12,540	0.72
08/26/2021	17:50:59	78784.22	394710.70	40.69	Soil	12,300	0.55
08/26/2021	17:51:00	78784.51	394710.83	40.68	Soil	10,860	-0.46
08/26/2021	17:51:01	78784.77	394710.86	40.66	Soil	11,220	-0.20
08/26/2021	17:51:02	78785.05	394710.93	40.67	Soil	12,360	0.60
08/26/2021	17:51:03	78785.31	394711.05	40.66	Soil	12,300	0.55
08/26/2021	17:51:04	78785.62	394711.08	40.67	Soil	12,360	0.60
08/26/2021	17:51:05	78785.89	394711.22	40.68	Soil	13,020	1.06
08/26/2021	17:51:06	78786.17	394711.29	40.69	Soil	10,380	-0.79
08/26/2021	17:51:07	78786.41	394711.42	40.63	Soil	13,920	1.69
08/26/2021	17:51:08	78786.81	394711.45	40.67	Soil	11,460	-0.04
08/26/2021	17:51:09	78787.20	394711.58	40.63	Soil	12,000	0.34
08/26/2021	17:51:10	78787.50	394711.60	40.64	Soil	11,220	-0.20
08/26/2021	17:51:11	78787.82	394711.78	40.64	Soil	11,820	0.22
08/26/2021	17:51:12	78788.12	394711.89	40.64	Soil	13,800	1.61
08/26/2021	17:51:13	78788.40	394712.07	40.64	Soil	10,740	-0.54
08/26/2021	17:51:14	78788.74	394712.14	40.60	Soil	13,020	1.06
08/26/2021	17:51:15	78789.04	394712.28	40.61	Soil	12,420	0.64
08/26/2021	17:51:16	78789.42	394712.37	40.59	Soil	10,920	-0.41

SU 7D GWS RESULTS
(SOIL)

08/26/2021	17:51:17	78789.75	394712.41	40.57	Soil	11,640	0.09
08/26/2021	17:51:18	78790.00	394712.61	40.54	Soil	11,340	-0.12
08/26/2021	17:51:19	78790.36	394712.70	40.54	Soil	10,440	-0.75
08/26/2021	17:51:20	78790.66	394712.92	40.51	Soil	13,260	1.23
08/26/2021	17:51:21	78791.01	394712.98	40.53	Soil	12,720	0.85
08/26/2021	17:51:22	78791.34	394713.14	40.55	Soil	13,260	1.23
08/26/2021	17:51:23	78791.64	394713.25	40.57	Soil	12,480	0.68
08/26/2021	17:51:24	78791.91	394713.44	40.62	Soil	11,160	-0.25
08/26/2021	17:51:25	78792.22	394713.50	40.65	Soil	12,480	0.68
08/26/2021	17:51:26	78792.52	394713.64	40.66	Soil	11,220	-0.20
08/26/2021	17:51:27	78792.91	394713.73	40.68	Soil	11,040	-0.33
08/26/2021	17:51:28	78793.26	394713.98	40.70	Soil	12,000	0.34
08/26/2021	17:51:29	78793.64	394714.11	40.76	Soil	11,760	0.18
08/26/2021	17:51:30	78793.95	394714.30	40.79	Soil	12,000	0.34
08/26/2021	17:51:31	78794.35	394714.40	40.80	Soil	11,340	-0.12
08/26/2021	17:51:32	78794.60	394714.55	40.78	Soil	12,780	0.89
08/26/2021	17:51:33	78794.89	394714.65	40.75	Soil	11,520	0.01
08/26/2021	17:51:34	78795.20	394714.83	40.71	Soil	11,580	0.05
08/26/2021	17:51:35	78795.52	394714.91	40.72	Soil	12,060	0.39
08/26/2021	17:51:36	78795.86	394715.24	40.71	Soil	12,540	0.72
08/26/2021	17:51:37	78796.14	394715.53	40.67	Soil	12,180	0.47
08/26/2021	17:51:38	78796.47	394715.61	40.64	Soil	12,660	0.81
08/26/2021	17:51:39	78796.90	394715.85	40.62	Soil	12,360	0.60
08/26/2021	17:51:40	78797.28	394715.83	40.58	Soil	12,420	0.64
08/26/2021	17:51:41	78797.74	394716.08	40.57	Soil	11,220	-0.20
08/26/2021	17:51:42	78798.38	394716.14	40.59	Soil	12,900	0.98
08/26/2021	17:51:43	78798.22	394716.27	40.56	Soil	10,680	-0.58
08/26/2021	17:51:44	78798.22	394716.29	40.56	Soil	12,060	0.39
08/26/2021	17:51:45	78798.46	394715.96	40.55	Soil	13,860	1.65
08/26/2021	17:51:46	78798.36	394715.91	40.54	Soil	12,480	0.68
08/26/2021	17:51:47	78798.37	394715.84	40.53	Soil	11,280	-0.16
08/26/2021	17:51:48	78798.36	394715.80	40.48	Soil	13,320	1.27
08/26/2021	17:51:49	78798.01	394715.66	40.48	Soil	10,740	-0.54
08/26/2021	17:51:50	78797.77	394715.25	40.46	Soil	14,580	2.15
08/26/2021	17:51:51	78797.42	394714.87	40.48	Soil	10,620	-0.62
08/26/2021	17:51:52	78797.12	394714.36	40.50	Soil	11,700	0.13
08/26/2021	17:51:53	78796.70	394714.22	40.51	Soil	13,920	1.69
08/26/2021	17:51:54	78796.27	394714.05	40.54	Soil	11,100	-0.29
08/26/2021	17:51:55	78795.86	394714.29	40.56	Soil	12,900	0.98
08/26/2021	17:51:56	78795.59	394714.18	40.58	Soil	12,720	0.85
08/26/2021	17:51:57	78795.30	394714.13	40.63	Soil	12,060	0.39
08/26/2021	17:51:58	78795.04	394714.03	40.63	Soil	12,960	1.02
08/26/2021	17:51:59	78794.96	394713.89	40.61	Soil	10,860	-0.46
08/26/2021	17:52:00	78794.69	394713.85	40.57	Soil	11,880	0.26
08/26/2021	17:52:01	78794.40	394713.66	40.55	Soil	11,580	0.05
08/26/2021	17:52:02	78794.00	394713.65	40.57	Soil	12,720	0.85
08/26/2021	17:52:03	78793.78	394713.44	40.54	Soil	11,640	0.09
08/26/2021	17:52:04	78793.53	394713.35	40.52	Soil	11,340	-0.12
08/26/2021	17:52:05	78793.26	394713.23	40.53	Soil	12,720	0.85
08/26/2021	17:52:06	78792.99	394713.18	40.52	Soil	11,220	-0.20
08/26/2021	17:52:07	78792.66	394713.08	40.48	Soil	11,220	-0.20

SU 7D GWS RESULTS
(SOIL)

08/26/2021	17:52:08	78792.40	394712.94	40.44	Soil	11,340	-0.12
08/26/2021	17:52:09	78792.07	394712.85	40.41	Soil	13,440	1.35
08/26/2021	17:52:10	78791.78	394712.65	40.37	Soil	12,000	0.34
08/26/2021	17:52:11	78791.41	394712.59	40.41	Soil	11,160	-0.25
08/26/2021	17:52:12	78791.17	394712.37	40.42	Soil	12,180	0.47
08/26/2021	17:52:13	78790.87	394712.25	40.36	Soil	12,360	0.60
08/26/2021	17:52:14	78790.62	394712.16	40.36	Soil	11,580	0.05
08/26/2021	17:52:15	78790.20	394712.05	40.39	Soil	12,180	0.47
08/26/2021	17:52:16	78789.89	394711.92	40.38	Soil	10,740	-0.54
08/26/2021	17:52:17	78789.56	394711.81	40.39	Soil	10,320	-0.84
08/26/2021	17:52:18	78789.21	394711.73	40.38	Soil	12,600	0.76
08/26/2021	17:52:19	78788.84	394711.55	40.41	Soil	12,660	0.81
08/26/2021	17:52:20	78788.37	394711.42	40.39	Soil	11,640	0.09
08/26/2021	17:52:21	78788.15	394711.20	40.37	Soil	10,680	-0.58
08/26/2021	17:52:22	78787.83	394711.22	40.41	Soil	11,280	-0.16
08/26/2021	17:52:23	78787.47	394711.07	40.42	Soil	10,620	-0.62
08/26/2021	17:52:24	78787.18	394711.07	40.42	Soil	11,940	0.30
08/26/2021	17:52:25	78786.88	394710.89	40.45	Soil	11,580	0.05
08/26/2021	17:52:26	78786.58	394710.86	40.46	Soil	10,440	-0.75
08/26/2021	17:52:27	78786.29	394710.80	40.47	Soil	12,300	0.55
08/26/2021	17:52:28	78785.96	394710.66	40.46	Soil	12,360	0.60
08/26/2021	17:52:29	78785.67	394710.63	40.49	Soil	12,540	0.72
08/26/2021	17:52:30	78785.39	394710.49	40.49	Soil	13,740	1.56
08/26/2021	17:52:31	78785.05	394710.42	40.51	Soil	13,440	1.35
08/26/2021	17:52:32	78784.77	394710.26	40.52	Soil	13,020	1.06
08/26/2021	17:52:33	78784.45	394710.17	40.54	Soil	10,920	-0.41
08/26/2021	17:52:34	78784.24	394710.05	40.55	Soil	13,020	1.06
08/26/2021	17:52:35	78784.06	394710.13	40.55	Soil	11,340	-0.12
08/26/2021	17:52:36	78783.96	394710.06	40.54	Soil	11,880	0.26
08/26/2021	17:52:37	78783.55	394709.95	40.56	Soil	11,280	-0.16
08/26/2021	17:52:38	78783.51	394709.80	40.57	Soil	12,060	0.39
08/26/2021	17:52:39	78783.58	394709.88	40.55	Soil	11,580	0.05
08/26/2021	17:52:40	78783.80	394709.91	40.56	Soil	12,960	1.02
08/26/2021	17:52:41	78784.04	394710.00	40.54	Soil	11,400	-0.08
08/26/2021	17:52:42	78784.33	394710.03	40.53	Soil	12,840	0.93
08/26/2021	17:52:43	78784.59	394710.21	40.53	Soil	11,880	0.26
08/26/2021	17:52:44	78784.88	394710.24	40.50	Soil	11,220	-0.20
08/26/2021	17:52:45	78785.15	394710.43	40.50	Soil	12,900	0.98
08/26/2021	17:52:46	78785.45	394710.43	40.49	Soil	11,940	0.30
08/26/2021	17:52:47	78785.66	394710.58	40.48	Soil	10,500	-0.71
08/26/2021	17:52:48	78785.95	394710.59	40.47	Soil	11,220	-0.20
08/26/2021	17:52:49	78786.25	394710.70	40.47	Soil	12,780	0.89
08/26/2021	17:52:50	78786.51	394710.76	40.49	Soil	11,040	-0.33
08/26/2021	17:52:51	78786.80	394710.78	40.49	Soil	11,040	-0.33
08/26/2021	17:52:52	78787.05	394710.93	40.46	Soil	11,160	-0.25
08/26/2021	17:52:53	78787.36	394710.87	40.45	Soil	12,000	0.34
08/26/2021	17:52:54	78787.65	394710.98	40.44	Soil	11,100	-0.29
08/26/2021	17:52:55	78787.97	394711.06	40.42	Soil	11,340	-0.12
08/26/2021	17:52:56	78788.20	394711.25	40.45	Soil	12,420	0.64
08/26/2021	17:52:57	78788.50	394711.28	40.42	Soil	11,880	0.26
08/26/2021	17:52:58	78788.77	394711.44	40.43	Soil	11,820	0.22

SU 7D GWS RESULTS
(SOIL)

08/26/2021	17:52:59	78789.15	394711.42	40.45	Soil	12,120	0.43
08/26/2021	17:53:00	78789.44	394711.41	40.45	Soil	12,480	0.68
08/26/2021	17:53:01	78789.75	394711.45	40.42	Soil	11,340	-0.12
08/26/2021	17:53:02	78790.02	394711.56	40.39	Soil	12,480	0.68
08/26/2021	17:53:03	78790.23	394711.71	40.40	Soil	11,820	0.22
08/26/2021	17:53:04	78790.49	394711.76	40.44	Soil	12,000	0.34
08/26/2021	17:53:05	78790.70	394711.93	40.43	Soil	10,140	-0.96
08/26/2021	17:53:06	78790.93	394712.05	40.42	Soil	11,940	0.30
08/26/2021	17:53:07	78791.15	394712.20	40.43	Soil	10,200	-0.92
08/26/2021	17:53:08	78791.35	394712.34	40.41	Soil	12,540	0.72
08/26/2021	17:53:09	78791.61	394712.38	40.45	Soil	10,680	-0.58
08/26/2021	17:53:10	78791.82	394712.47	40.46	Soil	11,700	0.13
08/26/2021	17:53:11	78792.01	394712.47	40.47	Soil	12,660	0.81
08/26/2021	17:53:12	78792.22	394712.56	40.50	Soil	11,880	0.26
08/26/2021	17:53:13	78792.37	394712.68	40.51	Soil	11,820	0.22
08/26/2021	17:53:14	78792.62	394712.75	40.52	Soil	12,300	0.55
08/26/2021	17:53:15	78792.83	394712.86	40.53	Soil	13,560	1.44
08/26/2021	17:53:16	78793.12	394712.90	40.52	Soil	13,620	1.48
08/26/2021	17:53:17	78793.30	394713.05	40.52	Soil	11,100	-0.29
08/26/2021	17:53:18	78793.47	394713.05	40.51	Soil	11,640	0.09
08/26/2021	17:53:19	78793.75	394713.15	40.52	Soil	9,540	-1.38
08/26/2021	17:53:20	78794.02	394713.32	40.53	Soil	13,380	1.31
08/26/2021	17:53:21	78794.23	394713.30	40.55	Soil	11,700	0.13
08/26/2021	17:53:22	78794.48	394713.38	40.51	Soil	10,740	-0.54
08/26/2021	17:53:23	78794.75	394713.36	40.43	Soil	11,580	0.05
08/26/2021	17:53:24	78794.94	394713.60	40.51	Soil	14,880	2.36
08/26/2021	17:53:25	78795.34	394713.76	40.44	Soil	13,140	1.14
08/26/2021	17:53:26	78795.70	394713.81	40.45	Soil	12,060	0.39
08/26/2021	17:53:27	78796.09	394713.98	40.43	Soil	14,220	1.90
08/26/2021	17:53:28	78796.40	394714.07	40.41	Soil	13,800	1.61
08/26/2021	17:53:29	78796.64	394714.26	40.43	Soil	11,880	0.26
08/26/2021	17:53:30	78796.95	394714.50	40.38	Soil	13,740	1.56
08/26/2021	17:53:31	78797.31	394714.62	40.43	Soil	12,420	0.64
08/26/2021	17:53:32	78797.71	394715.08	40.46	Soil	12,600	0.76
08/26/2021	17:53:33	78797.75	394715.21	40.44	Soil	13,140	1.14
08/26/2021	17:53:34	78797.58	394715.08	40.44	Soil	13,320	1.27
08/26/2021	17:53:35	78797.69	394714.69	40.44	Soil	11,940	0.30
08/26/2021	17:53:36	78797.58	394714.57	40.43	Soil	11,760	0.18
08/26/2021	17:53:37	78797.70	394714.69	40.44	Soil	11,520	0.01
08/26/2021	17:53:38	78797.43	394714.55	40.45	Soil	13,260	1.23
08/26/2021	17:53:39	78797.25	394714.23	40.47	Soil	13,920	1.69
08/26/2021	17:53:40	78796.83	394714.20	40.46	Soil	13,260	1.23
08/26/2021	17:53:41	78796.60	394713.99	40.46	Soil	14,280	1.94
08/26/2021	17:53:42	78796.32	394713.93	40.48	Soil	12,720	0.85
08/26/2021	17:53:43	78796.08	394713.73	40.48	Soil	11,100	-0.29
08/26/2021	17:53:44	78795.85	394713.47	40.51	Soil	12,120	0.43
08/26/2021	17:53:45	78795.48	394713.57	40.56	Soil	11,220	-0.20
08/26/2021	17:53:46	78795.03	394713.37	40.55	Soil	10,260	-0.88
08/26/2021	17:53:47	78794.77	394713.33	40.53	Soil	12,120	0.43
08/26/2021	17:53:48	78794.51	394713.15	40.51	Soil	11,460	-0.04
08/26/2021	17:53:49	78794.17	394713.12	40.51	Soil	12,360	0.60

SU 7D GWS RESULTS
(SOIL)

08/26/2021	17:53:50	78793.90	394712.96	40.46	Soil	12,120	0.43
08/26/2021	17:53:51	78793.51	394712.93	40.46	Soil	13,260	1.23
08/26/2021	17:53:52	78793.18	394712.65	40.46	Soil	12,300	0.55
08/26/2021	17:53:53	78792.89	394712.50	40.43	Soil	10,680	-0.58
08/26/2021	17:53:54	78792.54	394712.24	40.40	Soil	12,660	0.81
08/26/2021	17:53:55	78792.35	394711.89	40.38	Soil	12,000	0.34
08/26/2021	17:53:56	78792.00	394711.89	40.43	Soil	14,100	1.82
08/26/2021	17:53:57	78791.42	394711.73	40.44	Soil	12,480	0.68
08/26/2021	17:53:58	78791.43	394711.57	40.44	Soil	11,820	0.22
08/26/2021	17:53:59	78791.19	394711.51	40.43	Soil	11,520	0.01
08/26/2021	17:54:00	78790.79	394711.50	40.44	Soil	10,680	-0.58
08/26/2021	17:54:01	78790.43	394711.33	40.45	Soil	12,240	0.51
08/26/2021	17:54:02	78790.08	394711.28	40.46	Soil	9,420	-1.47
08/26/2021	17:54:03	78789.78	394711.02	40.45	Soil	12,480	0.68
08/26/2021	17:54:04	78789.47	394711.04	40.40	Soil	12,300	0.55
08/26/2021	17:54:05	78789.19	394710.88	40.41	Soil	10,980	-0.37
08/26/2021	17:54:06	78788.79	394710.84	40.42	Soil	11,880	0.26
08/26/2021	17:54:07	78788.46	394710.76	40.44	Soil	11,640	0.09
08/26/2021	17:54:08	78788.15	394710.63	40.43	Soil	10,620	-0.62
08/26/2021	17:54:09	78787.80	394710.57	40.46	Soil	12,780	0.89
08/26/2021	17:54:10	78787.54	394710.42	40.46	Soil	14,040	1.78
08/26/2021	17:54:11	78787.17	394710.38	40.44	Soil	11,880	0.26
08/26/2021	17:54:12	78786.87	394710.20	40.47	Soil	11,880	0.26
08/26/2021	17:54:13	78786.42	394710.11	40.50	Soil	10,500	-0.71
08/26/2021	17:54:14	78786.13	394709.94	40.51	Soil	12,000	0.34
08/26/2021	17:54:15	78785.83	394710.00	40.52	Soil	12,060	0.39
08/26/2021	17:54:16	78785.55	394709.87	40.55	Soil	12,000	0.34
08/26/2021	17:54:17	78785.27	394709.74	40.52	Soil	11,640	0.09
08/26/2021	17:54:18	78784.98	394709.63	40.52	Soil	11,760	0.18
08/26/2021	17:54:19	78784.67	394709.51	40.51	Soil	13,020	1.06
08/26/2021	17:54:20	78784.39	394709.58	40.53	Soil	11,460	-0.04
08/26/2021	17:54:21	78784.32	394709.54	40.53	Soil	12,900	0.98
08/26/2021	17:54:22	78784.25	394709.54	40.54	Soil	12,000	0.34
08/26/2021	17:54:23	78784.14	394709.33	40.54	Soil	10,920	-0.41
08/26/2021	17:54:24	78783.73	394709.11	40.54	Soil	14,220	1.90
08/26/2021	17:54:25	78783.64	394709.04	40.55	Soil	12,660	0.81
08/26/2021	17:54:26	78783.70	394709.05	40.55	Soil	11,880	0.26
08/26/2021	17:54:27	78783.70	394709.17	40.55	Soil	11,580	0.05
08/26/2021	17:54:28	78783.94	394709.16	40.54	Soil	11,340	-0.12
08/26/2021	17:54:29	78784.09	394709.32	40.51	Soil	12,300	0.55
08/26/2021	17:54:30	78784.34	394709.27	40.50	Soil	13,920	1.69
08/26/2021	17:54:31	78784.53	394709.43	40.55	Soil	11,880	0.26
08/26/2021	17:54:32	78784.73	394709.50	40.54	Soil	11,280	-0.16
08/26/2021	17:54:33	78784.95	394709.44	40.54	Soil	14,880	2.36
08/26/2021	17:54:34	78785.14	394709.61	40.55	Soil	12,420	0.64
08/26/2021	17:54:35	78785.36	394709.63	40.55	Soil	12,780	0.89
08/26/2021	17:54:36	78785.55	394709.71	40.53	Soil	12,180	0.47
08/26/2021	17:54:37	78785.76	394709.71	40.51	Soil	10,500	-0.71
08/26/2021	17:54:38	78785.98	394709.72	40.52	Soil	12,480	0.68
08/26/2021	17:54:39	78786.12	394709.86	40.52	Soil	12,120	0.43
08/26/2021	17:54:40	78786.29	394709.88	40.53	Soil	12,780	0.89

SU 7D GWS RESULTS
(SOIL)

08/26/2021	17:54:41	78786.35	394709.79	40.53	Soil	12,660	0.81
08/26/2021	17:54:42	78786.36	394709.77	40.53	Soil	12,600	0.76
08/26/2021	17:54:43	78786.35	394709.76	40.53	Soil	12,240	0.51
08/26/2021	17:54:44	78786.34	394709.78	40.53	Soil	10,560	-0.67
08/26/2021	17:54:45	78786.32	394709.74	40.52	Soil	11,700	0.13
08/26/2021	17:54:46	78786.35	394709.77	40.50	Soil	11,340	-0.12
08/26/2021	17:54:47	78786.45	394709.93	40.50	Soil	12,780	0.89
08/26/2021	17:54:48	78786.67	394709.98	40.48	Soil	13,500	1.40
08/26/2021	17:54:49	78786.94	394710.01	40.50	Soil	11,580	0.05
08/26/2021	17:54:50	78787.27	394710.17	40.48	Soil	11,820	0.22
08/26/2021	17:54:51	78787.59	394710.17	40.47	Soil	13,680	1.52
08/26/2021	17:54:52	78787.82	394710.35	40.48	Soil	11,940	0.30
08/26/2021	17:54:53	78788.09	394710.39	40.45	Soil	13,500	1.40
08/26/2021	17:54:54	78788.35	394710.51	40.46	Soil	11,760	0.18
08/26/2021	17:54:55	78788.62	394710.59	40.45	Soil	9,540	-1.38
08/26/2021	17:54:56	78788.91	394710.62	40.46	Soil	11,280	-0.16
08/26/2021	17:54:57	78789.14	394710.79	40.45	Soil	11,880	0.26
08/26/2021	17:54:58	78789.44	394710.82	40.46	Soil	10,500	-0.71
08/26/2021	17:54:59	78789.67	394710.96	40.49	Soil	10,980	-0.37
08/26/2021	17:55:00	78789.99	394711.01	40.48	Soil	11,520	0.01
08/26/2021	17:55:01	78790.24	394711.09	40.51	Soil	10,500	-0.71
08/26/2021	17:55:02	78790.52	394711.13	40.54	Soil	9,960	-1.09
08/26/2021	17:55:03	78790.78	394711.12	40.53	Soil	11,760	0.18
08/26/2021	17:55:04	78791.06	394711.28	40.50	Soil	10,020	-1.05
08/26/2021	17:55:05	78791.40	394711.34	40.53	Soil	11,640	0.09
08/26/2021	17:55:06	78791.66	394711.51	40.52	Soil	11,940	0.30
08/26/2021	17:55:07	78792.00	394711.59	40.52	Soil	12,240	0.51
08/26/2021	17:55:08	78792.25	394711.80	40.55	Soil	11,340	-0.12
08/26/2021	17:55:09	78792.57	394711.88	40.54	Soil	12,480	0.68
08/26/2021	17:55:10	78792.76	394712.11	40.58	Soil	12,480	0.68
08/26/2021	17:55:11	78793.08	394712.12	40.57	Soil	11,940	0.30
08/26/2021	17:55:12	78793.34	394712.23	40.60	Soil	12,720	0.85
08/26/2021	17:55:13	78793.54	394712.37	40.57	Soil	12,780	0.89
08/26/2021	17:55:14	78793.87	394712.41	40.57	Soil	11,760	0.18
08/26/2021	17:55:15	78794.07	394712.59	40.55	Soil	12,540	0.72
08/26/2021	17:55:16	78794.39	394712.66	40.54	Soil	12,120	0.43
08/26/2021	17:55:17	78794.68	394712.94	40.55	Soil	13,020	1.06
08/26/2021	17:55:18	78794.93	394712.94	40.54	Soil	11,340	-0.12
08/26/2021	17:55:19	78795.27	394713.09	40.53	Soil	12,660	0.81
08/26/2021	17:55:20	78795.59	394713.29	40.49	Soil	12,240	0.51
08/26/2021	17:55:21	78795.97	394713.31	40.48	Soil	12,540	0.72
08/26/2021	17:55:22	78796.34	394713.46	40.51	Soil	12,060	0.39
08/26/2021	17:55:23	78796.90	394713.53	40.49	Soil	12,480	0.68
08/26/2021	17:55:24	78796.49	394713.58	40.54	Soil	12,480	0.68
08/26/2021	17:55:25	78796.39	394713.69	40.51	Soil	13,080	1.10
08/26/2021	17:55:26	78796.61	394713.53	40.54	Soil	12,060	0.39
08/26/2021	17:55:27	78796.06	394713.12	40.46	Soil	13,980	1.73
08/26/2021	17:55:28	78795.82	394712.86	40.48	Soil	13,020	1.06
08/26/2021	17:55:29	78795.80	394712.94	40.53	Soil	13,020	1.06
08/26/2021	17:55:30	78796.29	394713.21	40.51	Soil	10,920	-0.41
08/26/2021	17:55:31	78796.33	394713.08	40.49	Soil	12,900	0.98

SU 7D GWS RESULTS
(SOIL)

08/26/2021	17:55:32	78796.14	394713.13	40.50	Soil	11,820	0.22
08/26/2021	17:55:33	78795.90	394712.90	40.53	Soil	11,460	-0.04
08/26/2021	17:55:34	78795.57	394712.94	40.53	Soil	11,040	-0.33
08/26/2021	17:55:35	78795.32	394712.76	40.53	Soil	12,180	0.47
08/26/2021	17:55:36	78794.94	394712.67	40.52	Soil	12,420	0.64
08/26/2021	17:55:37	78794.70	394712.45	40.54	Soil	11,460	-0.04
08/26/2021	17:55:38	78794.34	394712.35	40.54	Soil	12,900	0.98
08/26/2021	17:55:39	78794.18	394712.11	40.55	Soil	12,240	0.51
08/26/2021	17:55:40	78793.93	394712.01	40.54	Soil	12,300	0.55
08/26/2021	17:55:41	78793.55	394711.98	40.54	Soil	13,320	1.27
08/26/2021	17:55:42	78793.27	394711.76	40.50	Soil	13,740	1.56
08/26/2021	17:55:43	78792.91	394711.69	40.50	Soil	13,980	1.73
08/26/2021	17:55:44	78792.61	394711.43	40.51	Soil	11,820	0.22
08/26/2021	17:55:45	78792.23	394711.40	40.51	Soil	12,960	1.02
08/26/2021	17:55:46	78791.96	394711.22	40.52	Soil	12,120	0.43
08/26/2021	17:55:47	78791.62	394711.19	40.55	Soil	11,400	-0.08
08/26/2021	17:55:48	78791.31	394711.08	40.57	Soil	10,440	-0.75
08/26/2021	17:55:49	78791.07	394710.93	40.59	Soil	13,860	1.65
08/26/2021	17:55:50	78790.73	394710.90	40.56	Soil	12,420	0.64
08/26/2021	17:55:51	78790.43	394710.67	40.57	Soil	10,920	-0.41
08/26/2021	17:55:52	78790.08	394710.63	40.57	Soil	11,160	-0.25
08/26/2021	17:55:53	78789.76	394710.36	40.58	Soil	11,640	0.09
08/26/2021	17:55:54	78789.38	394710.36	40.57	Soil	10,080	-1.00
08/26/2021	17:55:55	78789.07	394710.10	40.58	Soil	12,180	0.47
08/26/2021	17:55:56	78788.70	394710.08	40.57	Soil	10,980	-0.37
08/26/2021	17:55:57	78788.51	394709.95	40.58	Soil	13,440	1.35
08/26/2021	17:55:58	78788.12	394709.94	40.57	Soil	11,520	0.01
08/26/2021	17:55:59	78787.75	394709.79	40.63	Soil	11,460	-0.04
08/26/2021	17:56:00	78787.47	394709.61	40.61	Soil	11,940	0.30
08/26/2021	17:56:01	78787.13	394709.60	40.62	Soil	11,400	-0.08
08/26/2021	17:56:02	78786.82	394709.41	40.63	Soil	11,520	0.01
08/26/2021	17:56:03	78786.45	394709.37	40.62	Soil	11,100	-0.29
08/26/2021	17:56:04	78786.20	394709.17	40.63	Soil	12,720	0.85
08/26/2021	17:56:05	78785.79	394709.08	40.62	Soil	11,460	-0.04
08/26/2021	17:56:06	78785.54	394708.92	40.62	Soil	12,000	0.34
08/26/2021	17:56:07	78785.14	394708.93	40.61	Soil	14,040	1.78
08/26/2021	17:56:08	78784.73	394708.75	40.62	Soil	11,160	-0.25
08/26/2021	17:56:09	78784.15	394708.73	40.62	Soil	13,020	1.06
08/26/2021	17:56:10	78783.73	394708.69	40.61	Soil	13,800	1.61
08/26/2021	17:56:11	78783.55	394708.26	40.64	Soil	10,200	-0.92
08/26/2021	17:56:12	78783.69	394708.17	40.66	Soil	11,940	0.30
08/26/2021	17:56:13	78783.76	394708.17	40.65	Soil	11,700	0.13
08/26/2021	17:56:14	78783.72	394708.26	40.65	Soil	11,460	-0.04
08/26/2021	17:56:15	78783.72	394708.23	40.64	Soil	12,180	0.47
08/26/2021	17:56:16	78783.79	394708.19	40.63	Soil	12,120	0.43
08/26/2021	17:56:17	78784.08	394708.27	40.63	Soil	13,860	1.65
08/26/2021	17:56:18	78784.26	394708.47	40.61	Soil	12,000	0.34
08/26/2021	17:56:19	78784.54	394708.45	40.61	Soil	12,420	0.64
08/26/2021	17:56:20	78784.79	394708.68	40.59	Soil	11,520	0.01
08/26/2021	17:56:21	78785.10	394708.64	40.58	Soil	11,940	0.30
08/26/2021	17:56:22	78785.42	394708.77	40.59	Soil	12,180	0.47

SU 7D GWS RESULTS
(SOIL)

08/26/2021	17:56:23	78785.81	394708.81	40.59	Soil	10,320	-0.84
08/26/2021	17:56:24	78786.15	394708.95	40.58	Soil	9,720	-1.26
08/26/2021	17:56:25	78786.55	394709.12	40.57	Soil	10,440	-0.75
08/26/2021	17:56:26	78786.93	394709.20	40.56	Soil	10,440	-0.75
08/26/2021	17:56:27	78787.23	394709.40	40.55	Soil	12,600	0.76
08/26/2021	17:56:28	78787.63	394709.45	40.58	Soil	12,360	0.60
08/26/2021	17:56:29	78787.87	394709.66	40.55	Soil	10,560	-0.67
08/26/2021	17:56:30	78788.21	394709.70	40.52	Soil	11,220	-0.20
08/26/2021	17:56:31	78788.53	394709.92	40.52	Soil	11,880	0.26
08/26/2021	17:56:32	78789.00	394709.99	40.52	Soil	10,440	-0.75
08/26/2021	17:56:33	78789.33	394710.18	40.52	Soil	10,740	-0.54
08/26/2021	17:56:34	78789.65	394710.21	40.50	Soil	9,540	-1.38
08/26/2021	17:56:35	78789.97	394710.38	40.51	Soil	10,920	-0.41
08/26/2021	17:56:36	78790.42	394710.38	40.55	Soil	10,260	-0.88
08/26/2021	17:56:37	78790.72	394710.44	40.51	Soil	13,620	1.48
08/26/2021	17:56:38	78791.11	394710.49	40.47	Soil	12,840	0.93
08/26/2021	17:56:39	78791.49	394710.53	40.49	Soil	13,260	1.23
08/26/2021	17:56:40	78791.88	394710.78	40.54	Soil	12,240	0.51
08/26/2021	17:56:41	78792.22	394710.81	40.53	Soil	12,480	0.68
08/26/2021	17:56:42	78792.54	394711.01	40.55	Soil	13,980	1.73
08/26/2021	17:56:43	78793.03	394711.11	40.56	Soil	13,680	1.52
08/26/2021	17:56:44	78793.43	394711.36	40.58	Soil	11,940	0.30
08/26/2021	17:56:45	78793.86	394711.40	40.59	Soil	12,780	0.89
08/26/2021	17:56:46	78794.10	394711.70	40.52	Soil	10,980	-0.37
08/26/2021	17:56:47	78794.49	394711.73	40.59	Soil	12,960	1.02
08/26/2021	17:56:48	78794.93	394712.14	40.60	Soil	12,120	0.43
08/26/2021	17:56:49	78795.09	394712.29	40.55	Soil	12,360	0.60
08/26/2021	17:56:50	78795.08	394712.12	40.58	Soil	11,760	0.18
08/26/2021	17:56:51	78795.37	394711.59	40.57	Soil	11,580	0.05
08/26/2021	17:56:52	78795.39	394711.34	40.56	Soil	10,920	-0.41
08/26/2021	17:56:53	78795.38	394711.31	40.57	Soil	11,700	0.13
08/26/2021	17:56:54	78795.28	394711.39	40.56	Soil	13,920	1.69
08/26/2021	17:56:55	78795.15	394711.43	40.60	Soil	12,300	0.55
08/26/2021	17:56:56	78794.90	394711.16	40.57	Soil	13,800	1.61
08/26/2021	17:56:57	78794.66	394711.28	40.54	Soil	14,340	1.99
08/26/2021	17:56:58	78794.41	394711.05	40.56	Soil	13,920	1.69
08/26/2021	17:56:59	78794.11	394711.05	40.54	Soil	10,860	-0.46
08/26/2021	17:57:00	78793.83	394710.98	40.52	Soil	11,760	0.18
08/26/2021	17:57:01	78793.40	394711.01	40.51	Soil	10,800	-0.50
08/26/2021	17:57:02	78793.05	394710.80	40.50	Soil	12,300	0.55
08/26/2021	17:57:03	78792.67	394710.70	40.49	Soil	13,980	1.73
08/26/2021	17:57:04	78792.24	394710.55	40.51	Soil	12,240	0.51
08/26/2021	17:57:05	78791.87	394710.33	40.56	Soil	13,320	1.27
08/26/2021	17:57:06	78791.48	394710.16	40.58	Soil	12,180	0.47
08/26/2021	17:57:07	78791.19	394709.93	40.58	Soil	11,400	-0.08
08/26/2021	17:57:08	78790.82	394709.80	40.55	Soil	12,900	0.98
08/26/2021	17:57:09	78790.43	394709.55	40.54	Soil	13,320	1.27
08/26/2021	17:57:10	78789.96	394709.46	40.55	Soil	9,960	-1.09
08/26/2021	17:57:11	78789.53	394709.14	40.55	Soil	13,800	1.61
08/26/2021	17:57:12	78789.09	394709.14	40.56	Soil	11,460	-0.04
08/26/2021	17:57:13	78788.73	394708.84	40.56	Soil	10,500	-0.71

SU 7D GWS RESULTS
(SOIL)

08/26/2021	17:57:14	78788.20	394708.81	40.57	Soil	10,860	-0.46
08/26/2021	17:57:15	78787.77	394708.58	40.57	Soil	11,280	-0.16
08/26/2021	17:57:16	78787.34	394708.56	40.58	Soil	13,440	1.35
08/26/2021	17:57:17	78786.91	394708.30	40.59	Soil	10,980	-0.37
08/26/2021	17:57:18	78786.36	394708.28	40.61	Soil	11,580	0.05
08/26/2021	17:57:19	78785.89	394708.00	40.60	Soil	11,040	-0.33
08/26/2021	17:57:20	78785.33	394708.05	40.64	Soil	12,300	0.55
08/26/2021	17:57:21	78784.74	394707.80	40.64	Soil	11,820	0.22
08/26/2021	17:57:22	78784.49	394708.11	40.66	Soil	11,460	-0.04
08/26/2021	17:57:23	78784.13	394708.49	40.67	Soil	12,120	0.43
08/26/2021	17:57:24	78784.14	394709.04	40.69	Soil	14,160	1.86
08/26/2021	17:57:25	78783.91	394709.60	40.69	Soil	11,280	-0.16
08/26/2021	17:57:26	78784.01	394710.26	40.65	Soil	12,300	0.55
08/26/2021	17:57:27	78783.87	394710.88	40.64	Soil	11,280	-0.16
08/26/2021	17:57:28	78783.87	394711.45	40.67	Soil	12,480	0.68
08/26/2021	17:57:29	78783.86	394711.86	40.66	Soil	12,780	0.89
08/26/2021	17:57:30	78784.16	394712.02	40.64	Soil	11,040	-0.33
08/26/2021	17:57:31	78784.50	394712.01	40.64	Soil	11,760	0.18
08/26/2021	17:57:32	78784.92	394712.27	40.63	Soil	10,740	-0.54
08/26/2021	17:57:33	78785.25	394712.45	40.63	Soil	11,340	-0.12
08/26/2021	17:57:34	78785.51	394712.79	40.62	Soil	13,020	1.06
08/26/2021	17:57:35	78785.81	394712.70	40.62	Soil	11,700	0.13
08/26/2021	17:57:36	78785.99	394712.70	40.60	Soil	12,360	0.60
08/26/2021	17:57:37	78786.34	394712.72	40.60	Soil	11,640	0.09
08/26/2021	17:57:38	78786.63	394712.63	40.56	Soil	12,420	0.64
08/26/2021	17:57:39	78787.00	394712.84	40.53	Soil	11,940	0.30
08/26/2021	17:57:40	78787.35	394712.91	40.52	Soil	12,600	0.76
08/26/2021	17:57:41	78787.74	394713.20	40.52	Soil	11,880	0.26
08/26/2021	17:57:42	78788.11	394713.44	40.49	Soil	11,580	0.05
08/26/2021	17:57:43	78788.55	394713.65	40.50	Soil	13,200	1.19
08/26/2021	17:57:44	78788.97	394713.73	40.48	Soil	11,460	-0.04
08/26/2021	17:57:45	78789.40	394713.74	40.49	Soil	12,900	0.98
08/26/2021	17:57:46	78789.76	394713.90	40.50	Soil	12,120	0.43
08/26/2021	17:57:47	78790.20	394713.87	40.47	Soil	12,120	0.43
08/26/2021	17:57:48	78790.63	394714.04	40.49	Soil	13,260	1.23
08/26/2021	17:57:49	78791.08	394714.09	40.51	Soil	12,540	0.72
08/26/2021	17:57:50	78791.42	394714.15	40.56	Soil	12,000	0.34
08/26/2021	17:57:51	78791.77	394714.28	40.58	Soil	12,180	0.47
08/26/2021	17:57:52	78792.18	394714.40	40.71	Soil	12,360	0.60
08/26/2021	17:57:53	78792.55	394714.54	40.62	Soil	10,260	-0.88
08/26/2021	17:57:54	78792.86	394714.65	40.62	Soil	12,720	0.85
08/26/2021	17:57:55	78793.15	394714.80	40.63	Soil	12,300	0.55
08/26/2021	17:57:56	78793.53	394714.98	40.66	Soil	11,640	0.09
08/26/2021	17:57:57	78793.82	394715.09	40.69	Soil	12,840	0.93
08/26/2021	17:57:58	78794.20	394715.10	40.71	Soil	11,280	-0.16
08/26/2021	17:57:59	78794.52	394715.26	40.73	Soil	12,900	0.98
08/26/2021	17:58:00	78794.79	394715.34	40.69	Soil	10,560	-0.67
08/26/2021	17:58:01	78795.16	394715.43	40.67	Soil	13,260	1.23
08/26/2021	17:58:02	78795.47	394715.68	40.67	Soil	13,020	1.06
08/26/2021	17:58:03	78795.84	394715.86	40.67	Soil	11,520	0.01
08/26/2021	17:58:04	78796.16	394716.18	40.67	Soil	11,340	-0.12

SU 7D GWS RESULTS
(SOIL)

08/26/2021	17:58:05	78796.43	394716.21	40.64	Soil	12,540	0.72
08/26/2021	17:58:06	78796.74	394716.49	40.54	Soil	11,100	-0.29
08/26/2021	17:58:07	78797.10	394716.57	40.54	Soil	13,380	1.31
08/26/2021	17:58:08	78797.42	394716.82	40.54	Soil	12,180	0.47
08/26/2021	17:58:09	78797.75	394716.96	40.51	Soil	10,860	-0.46
08/26/2021	17:58:10	78798.10	394717.29	40.52	Soil	12,540	0.72
08/26/2021	17:58:11	78798.47	394717.33	40.52	Soil	11,700	0.13
08/26/2021	17:58:12	78798.45	394716.90	40.52	Soil	12,360	0.60
08/26/2021	17:58:13	78798.34	394716.57	40.53	Soil	13,980	1.73
08/26/2021	17:58:14	78798.06	394716.35	40.55	Soil	12,540	0.72
08/26/2021	17:58:15	78797.85	394716.01	40.54	Soil	12,240	0.51
08/26/2021	17:58:16	78797.68	394715.72	40.54	Soil	14,280	1.94
08/26/2021	17:58:16	78797.60	394715.24	40.53	Soil	11,760	0.18
08/26/2021	17:58:18	78797.39	394714.93	40.57	Soil	11,640	0.09
08/26/2021	17:58:19	78797.11	394714.39	40.58	Soil	12,840	0.93
08/26/2021	17:58:20	78796.66	394714.13	40.60	Soil	13,080	1.10
08/26/2021	17:58:21	78796.12	394713.94	40.65	Soil	11,160	-0.25
08/26/2021	17:58:21	78795.87	394714.40	40.65	Soil	12,660	0.81
08/26/2021	17:58:23	78795.53	394714.89	40.65	Soil	12,540	0.72
08/26/2021	17:58:24	78795.73	394715.25	40.65	Soil	12,420	0.64
08/26/2021	17:58:25	78795.96	394715.67	40.66	Soil	13,200	1.19
08/26/2021	17:58:26	78796.12	394715.78	40.70	Soil	14,040	1.78
08/26/2021	17:58:27	78796.30	394715.78	40.67	Soil	13,020	1.06
08/26/2021	17:58:27	78796.26	394715.73	40.67	Soil	11,580	0.05
08/26/2021	17:58:28	78796.24	394715.66	40.67	Soil	12,960	1.02
08/26/2021	17:58:30	78796.25	394715.63	40.66	Soil	12,060	0.39
08/26/2021	17:59:15	78792.34	394717.15	40.62	Soil	12,060	0.39
08/26/2021	17:59:16	78792.46	394717.28	40.62	Soil	12,060	0.39
08/26/2021	17:59:17	78792.74	394717.31	40.60	Soil	11,400	-0.08
08/26/2021	17:59:19	78792.91	394717.56	40.61	Soil	10,800	-0.50
08/26/2021	17:59:19	78793.26	394717.57	40.61	Soil	12,240	0.51
08/26/2021	17:59:20	78793.61	394717.79	40.58	Soil	11,580	0.05
08/26/2021	17:59:21	78794.03	394717.88	40.58	Soil	12,360	0.60
08/26/2021	17:59:22	78794.35	394718.27	40.58	Soil	12,540	0.72
08/26/2021	17:59:23	78794.62	394718.37	40.57	Soil	10,980	-0.37
08/26/2021	17:59:24	78795.00	394718.61	40.56	Soil	11,400	-0.08
08/26/2021	17:59:25	78795.31	394718.79	40.50	Soil	12,180	0.47
08/26/2021	17:59:26	78795.63	394718.86	40.50	Soil	10,620	-0.62
08/26/2021	17:59:27	78796.25	394719.33	40.49	Soil	13,020	1.06
08/26/2021	17:59:29	78796.67	394719.43	40.49	Soil	10,560	-0.67
08/26/2021	17:59:29	78796.96	394719.79	40.46	Soil	12,960	1.02
08/26/2021	17:59:30	78797.32	394719.92	40.46	Soil	10,440	-0.75
08/26/2021	17:59:31	78797.74	394720.16	40.47	Soil	12,060	0.39
08/26/2021	17:59:32	78798.05	394720.43	40.43	Soil	11,400	-0.08
08/26/2021	17:59:34	78798.49	394720.68	40.42	Soil	11,580	0.05
08/26/2021	17:59:34	78798.89	394720.92	40.42	Soil	11,820	0.22
08/26/2021	17:59:35	78799.36	394721.15	40.44	Soil	12,840	0.93
08/26/2021	17:59:36	78799.74	394721.36	40.30	Soil	11,820	0.22
08/26/2021	17:59:38	78800.16	394721.65	40.29	Soil	12,960	1.02
08/26/2021	17:59:38	78800.59	394721.77	40.29	Soil	11,460	-0.04
08/26/2021	17:59:39	78801.02	394721.93	40.24	Soil	11,820	0.22

SU 7D GWS RESULTS
(SOIL)

08/26/2021	17:59:40	78801.73	394722.13	40.29	Soil	12,660	0.81
08/26/2021	17:59:41	78802.31	394722.14	40.29	Soil	13,740	1.56
08/26/2021	17:59:42	78802.83	394722.46	40.27	Soil	13,740	1.56
08/26/2021	17:59:43	78803.47	394722.52	40.25	Soil	11,640	0.09
08/26/2021	17:59:45	78803.64	394722.67	40.28	Soil	13,080	1.10
08/26/2021	17:59:46	78803.71	394722.64	40.28	Soil	12,900	0.98
08/26/2021	17:59:47	78803.62	394722.62	40.26	Soil	13,260	1.23
08/26/2021	17:59:48	78803.59	394722.66	40.23	Soil	14,460	2.07
08/26/2021	17:59:49	78803.94	394722.68	40.25	Soil	15,180	2.58
08/26/2021	17:59:50	78804.19	394722.33	40.25	Soil	12,780	0.89
08/26/2021	17:59:51	78803.98	394722.13	40.17	Soil	12,780	0.89
08/26/2021	17:59:51	78803.57	394721.80	40.30	Soil	13,980	1.73
08/26/2021	17:59:52	78803.08	394721.60	40.30	Soil	13,080	1.10
08/26/2021	17:59:54	78802.64	394721.43	40.31	Soil	12,060	0.39
08/26/2021	17:59:54	78802.07	394721.35	40.35	Soil	12,180	0.47
08/26/2021	17:59:55	78801.62	394721.09	40.34	Soil	12,240	0.51
08/26/2021	17:59:57	78801.04	394720.89	40.30	Soil	13,080	1.10
08/26/2021	17:59:57	78800.71	394720.49	40.30	Soil	12,720	0.85
08/26/2021	17:59:58	78800.31	394720.27	40.32	Soil	13,140	1.14
08/26/2021	18:00:00	78799.98	394720.08	40.36	Soil	13,620	1.48
08/26/2021	18:00:00	78799.64	394720.51	40.36	Soil	11,040	-0.33
08/26/2021	18:00:02	78799.24	394720.37	40.30	Soil	13,680	1.52
08/26/2021	18:00:03	78798.67	394720.42	40.35	Soil	12,960	1.02
08/26/2021	18:00:04	78798.32	394720.09	40.30	Soil	11,880	0.26
08/26/2021	18:00:04	78797.85	394719.90	40.30	Soil	10,920	-0.41
08/26/2021	18:00:05	78797.30	394719.56	40.29	Soil	10,920	-0.41
08/26/2021	18:00:07	78796.80	394719.31	40.28	Soil	10,620	-0.62
08/26/2021	18:00:07	78796.18	394719.07	40.28	Soil	11,220	-0.20
08/26/2021	18:00:08	78795.54	394718.68	40.33	Soil	12,180	0.47
08/26/2021	18:00:10	78794.91	394718.52	40.34	Soil	12,120	0.43
08/26/2021	18:00:10	78794.45	394718.07	40.36	Soil	12,960	1.02
08/26/2021	18:00:12	78793.85	394717.97	40.35	Soil	12,300	0.55
08/26/2021	18:00:13	78793.41	394717.61	40.39	Soil	12,600	0.76
08/26/2021	18:00:14	78792.92	394717.62	40.38	Soil	12,360	0.60
08/26/2021	18:00:14	78792.68	394717.36	40.38	Soil	9,600	-1.34
08/26/2021	18:00:15	78792.56	394717.46	40.40	Soil	11,520	0.01
08/26/2021	18:00:16	78792.34	394717.48	40.38	Soil	11,520	0.01
08/26/2021	18:00:17	78792.33	394717.60	40.36	Soil	11,520	0.01
08/26/2021	18:00:19	78792.30	394717.32	40.34	Soil	11,640	0.09
08/26/2021	18:00:20	78792.58	394717.62	40.32	Soil	11,820	0.22
08/26/2021	18:00:20	78793.20	394717.92	40.35	Soil	11,340	-0.12
08/26/2021	18:00:22	78793.63	394718.39	40.37	Soil	13,320	1.27
08/26/2021	18:00:22	78793.18	394717.90	40.37	Soil	10,560	-0.67
08/26/2021	18:00:23	78793.25	394717.98	40.34	Soil	12,540	0.72
08/26/2021	18:00:24	78793.46	394718.21	40.33	Soil	12,600	0.76
08/26/2021	18:00:25	78793.78	394718.22	40.34	Soil	13,200	1.19
08/26/2021	18:00:26	78793.98	394718.44	40.32	Soil	12,180	0.47
08/26/2021	18:00:27	78794.35	394718.48	40.31	Soil	10,680	-0.58
08/26/2021	18:00:28	78794.62	394718.74	40.31	Soil	12,360	0.60
08/26/2021	18:00:30	78794.92	394718.73	40.25	Soil	11,580	0.05
08/26/2021	18:00:30	78795.20	394719.02	40.23	Soil	13,260	1.23

SU 7D GWS RESULTS
(SOIL)

08/26/2021	18:00:31	78795.54	394719.10	40.21	Soil	13,560	1.44
08/26/2021	18:00:33	78795.97	394719.36	40.23	Soil	12,720	0.85
08/26/2021	18:00:34	78796.13	394719.46	40.23	Soil	13,860	1.65
08/26/2021	18:00:35	78796.30	394719.76	40.25	Soil	11,460	-0.04
08/26/2021	18:00:35	78796.42	394719.64	40.24	Soil	11,460	-0.04
08/26/2021	18:00:36	78796.75	394719.59	40.25	Soil	11,820	0.22
08/26/2021	18:00:37	78796.94	394719.89	40.26	Soil	13,020	1.06
08/26/2021	18:00:39	78797.20	394719.96	40.22	Soil	10,980	-0.37
08/26/2021	18:00:40	78797.41	394720.11	40.22	Soil	11,460	-0.04
08/26/2021	18:00:40	78797.62	394720.19	40.26	Soil	13,320	1.27
08/26/2021	18:00:42	78797.93	394720.25	40.24	Soil	12,180	0.47
08/26/2021	18:00:42	78798.18	394720.48	40.19	Soil	10,980	-0.37
08/26/2021	18:00:43	78798.55	394720.59	40.19	Soil	11,760	0.18
08/26/2021	18:00:44	78798.79	394720.76	40.19	Soil	11,160	-0.25
08/26/2021	18:00:45	78799.06	394720.90	40.21	Soil	11,700	0.13
08/26/2021	18:00:46	78799.34	394720.98	40.21	Soil	12,180	0.47
08/26/2021	18:00:47	78799.57	394721.17	40.23	Soil	13,740	1.56
08/26/2021	18:00:48	78799.87	394721.20	40.15	Soil	11,400	-0.08
08/26/2021	18:00:49	78800.16	394721.45	40.10	Soil	13,560	1.44
08/26/2021	18:00:50	78800.44	394721.43	40.10	Soil	12,900	0.98
08/26/2021	18:00:51	78800.69	394721.50	40.09	Soil	12,420	0.64
08/26/2021	18:00:52	78801.10	394721.60	40.08	Soil	12,780	0.89
08/26/2021	18:00:53	78801.33	394721.76	40.09	Soil	13,800	1.61
08/26/2021	18:00:54	78801.56	394721.81	40.07	Soil	13,620	1.48
08/26/2021	18:00:55	78801.79	394721.99	40.11	Soil	13,080	1.10
08/26/2021	18:00:56	78802.18	394722.07	40.11	Soil	11,760	0.18
08/26/2021	18:00:57	78802.50	394722.36	40.09	Soil	13,500	1.40
08/26/2021	18:00:58	78802.86	394722.37	40.09	Soil	13,620	1.48
08/26/2021	18:00:59	78803.14	394722.66	40.07	Soil	13,140	1.14
08/26/2021	18:01:00	78803.43	394722.53	40.08	Soil	12,000	0.34
08/26/2021	18:01:01	78803.68	394722.42	40.08	Soil	11,640	0.09
08/26/2021	18:01:02	78803.69	394722.62	40.07	Soil	10,920	-0.41
08/26/2021	18:01:03	78804.00	394722.91	40.04	Soil	13,260	1.23
08/26/2021	18:01:04	78804.05	394723.01	40.05	Soil	12,360	0.60
08/26/2021	18:01:05	78804.03	394722.95	40.05	Soil	13,260	1.23
08/26/2021	18:01:06	78803.84	394722.95	40.04	Soil	12,600	0.76
08/26/2021	18:01:07	78803.66	394722.77	40.06	Soil	13,200	1.19
08/26/2021	18:01:08	78803.30	394722.76	40.08	Soil	13,020	1.06
08/26/2021	18:01:09	78803.05	394722.53	40.08	Soil	12,840	0.93
08/26/2021	18:01:10	78802.65	394722.42	40.14	Soil	12,900	0.98
08/26/2021	18:01:11	78802.39	394722.37	40.14	Soil	12,900	0.98
08/26/2021	18:01:12	78802.15	394722.20	40.17	Soil	12,660	0.81
08/26/2021	18:01:14	78801.81	394722.14	40.25	Soil	13,380	1.31
08/26/2021	18:01:14	78801.62	394721.95	40.25	Soil	13,320	1.27
08/26/2021	18:01:15	78801.41	394721.92	40.22	Soil	13,380	1.31
08/26/2021	18:01:16	78801.15	394721.75	40.20	Soil	11,520	0.01
08/26/2021	18:01:17	78800.81	394721.79	40.22	Soil	12,300	0.55
08/26/2021	18:01:18	78800.47	394721.61	40.27	Soil	12,720	0.85
08/26/2021	18:01:19	78800.30	394721.44	40.27	Soil	14,280	1.94
08/26/2021	18:01:20	78799.96	394721.36	40.31	Soil	12,840	0.93
08/26/2021	18:01:21	78799.65	394721.09	40.34	Soil	12,000	0.34

SU 7D GWS RESULTS
(SOIL)

08/26/2021	18:01:22	78799.29	394721.02	40.30	Soil	12,780	0.89
08/26/2021	18:01:23	78798.97	394720.72	40.32	Soil	12,420	0.64
08/26/2021	18:01:24	78798.59	394720.64	40.31	Soil	10,860	-0.46
08/26/2021	18:01:25	78798.29	394720.31	40.35	Soil	11,400	-0.08
08/26/2021	18:01:26	78797.89	394720.23	40.35	Soil	11,040	-0.33
08/26/2021	18:01:27	78797.55	394719.96	40.38	Soil	10,620	-0.62
08/26/2021	18:01:28	78797.07	394719.91	40.36	Soil	13,140	1.14
08/26/2021	18:01:29	78796.68	394719.63	40.36	Soil	10,860	-0.46
08/26/2021	18:01:30	78796.24	394719.61	40.38	Soil	11,940	0.30
08/26/2021	18:01:31	78795.82	394719.33	40.37	Soil	11,580	0.05
08/26/2021	18:01:32	78795.37	394719.35	40.41	Soil	11,700	0.13
08/26/2021	18:01:33	78795.12	394719.17	40.43	Soil	10,860	-0.46
08/26/2021	18:01:34	78794.49	394719.03	40.45	Soil	10,920	-0.41
08/26/2021	18:01:35	78794.32	394718.98	40.42	Soil	11,160	-0.25
08/26/2021	18:01:36	78794.77	394719.41	40.41	Soil	11,160	-0.25
08/26/2021	18:01:37	78795.19	394719.35	40.40	Soil	10,860	-0.46
08/26/2021	18:01:38	78795.62	394720.05	40.17	Soil	13,320	1.27
08/26/2021	18:01:39	78795.72	394720.14	40.12	Soil	11,400	-0.08
08/26/2021	18:01:40	78795.53	394719.74	40.45	Soil	11,280	-0.16
08/26/2021	18:01:41	78795.22	394719.65	40.45	Soil	11,580	0.05
08/26/2021	18:01:42	78795.39	394719.75	40.41	Soil	11,760	0.18
08/26/2021	18:01:43	78795.68	394719.88	40.40	Soil	10,320	-0.84
08/26/2021	18:01:44	78795.95	394720.04	40.37	Soil	12,240	0.51
08/26/2021	18:01:45	78796.26	394720.29	40.38	Soil	11,580	0.05
08/26/2021	18:01:46	78796.65	394720.45	40.38	Soil	12,360	0.60
08/26/2021	18:01:47	78796.89	394720.74	40.39	Soil	11,640	0.09
08/26/2021	18:01:48	78797.19	394720.80	40.36	Soil	13,800	1.61
08/26/2021	18:01:49	78797.38	394720.87	40.36	Soil	12,540	0.72
08/26/2021	18:01:50	78797.66	394720.93	40.35	Soil	12,120	0.43
08/26/2021	18:01:51	78797.91	394721.15	40.35	Soil	11,340	-0.12
08/26/2021	18:01:52	78798.15	394721.13	40.36	Soil	11,280	-0.16
08/26/2021	18:01:53	78798.42	394721.30	40.33	Soil	12,660	0.81
08/26/2021	18:01:55	78798.64	394721.39	40.34	Soil	11,100	-0.29
08/26/2021	18:01:55	78798.94	394721.43	40.34	Soil	12,240	0.51
08/26/2021	18:01:56	78799.24	394721.53	40.37	Soil	12,060	0.39
08/26/2021	18:01:57	78799.53	394721.49	40.35	Soil	10,500	-0.71
08/26/2021	18:01:58	78799.73	394721.76	40.36	Soil	12,000	0.34
08/26/2021	18:01:59	78799.99	394721.73	40.33	Soil	11,280	-0.16
08/26/2021	18:02:00	78800.24	394722.00	40.31	Soil	12,720	0.85
08/26/2021	18:02:01	78800.61	394721.94	40.26	Soil	12,660	0.81
08/26/2021	18:02:02	78800.89	394722.07	40.27	Soil	11,940	0.30
08/26/2021	18:02:03	78801.26	394722.34	40.27	Soil	12,660	0.81
08/26/2021	18:02:04	78801.56	394722.39	40.23	Soil	14,040	1.78
08/26/2021	18:02:05	78801.81	394722.58	40.22	Soil	14,640	2.20
08/26/2021	18:02:06	78802.07	394722.69	40.21	Soil	11,520	0.01
08/26/2021	18:02:07	78802.43	394722.84	40.21	Soil	12,420	0.64
08/26/2021	18:02:09	78802.66	394723.04	40.18	Soil	12,480	0.68
08/26/2021	18:02:09	78802.97	394723.04	40.13	Soil	11,820	0.22
08/26/2021	18:02:10	78803.07	394723.21	40.15	Soil	12,180	0.47
08/26/2021	18:02:11	78803.43	394723.24	40.14	Soil	12,420	0.64
08/26/2021	18:02:12	78803.70	394723.54	40.09	Soil	14,700	2.24

SU 7D GWS RESULTS
(SOIL)

08/26/2021	18:02:13	78803.87	394723.69	40.10	Soil	14,700	2.24
08/26/2021	18:02:14	78803.83	394723.61	40.10	Soil	13,320	1.27
08/26/2021	18:02:15	78803.58	394723.58	40.08	Soil	13,860	1.65
08/26/2021	18:02:16	78803.32	394723.40	40.11	Soil	13,740	1.56
08/26/2021	18:02:18	78802.98	394723.30	40.13	Soil	13,620	1.48
08/26/2021	18:02:18	78802.66	394723.18	40.17	Soil	12,900	0.98
08/26/2021	18:02:19	78802.27	394723.04	40.18	Soil	10,560	-0.67
08/26/2021	18:02:20	78801.96	394723.04	40.18	Soil	12,840	0.93
08/26/2021	18:02:21	78801.75	394722.83	40.19	Soil	13,680	1.52
08/26/2021	18:02:22	78801.39	394722.85	40.20	Soil	13,200	1.19
08/26/2021	18:02:23	78801.09	394722.62	40.23	Soil	13,020	1.06
08/26/2021	18:02:24	78800.73	394722.69	40.29	Soil	12,300	0.55
08/26/2021	18:02:25	78800.39	394722.61	40.32	Soil	11,880	0.26
08/26/2021	18:02:26	78800.14	394722.43	40.27	Soil	12,360	0.60
08/26/2021	18:02:27	78799.85	394722.31	40.28	Soil	12,420	0.64
08/26/2021	18:02:28	78799.57	394722.14	40.27	Soil	13,500	1.40
08/26/2021	18:02:29	78799.31	394722.04	40.26	Soil	13,260	1.23
08/26/2021	18:02:30	78799.11	394721.87	40.30	Soil	12,000	0.34
08/26/2021	18:02:31	78798.85	394721.85	40.29	Soil	12,600	0.76
08/26/2021	18:02:32	78798.60	394721.61	40.28	Soil	10,980	-0.37
08/26/2021	18:02:33	78798.27	394721.51	40.26	Soil	11,940	0.30
08/26/2021	18:02:34	78798.00	394721.43	40.30	Soil	12,300	0.55
08/26/2021	18:02:35	78797.95	394721.27	40.29	Soil	11,340	-0.12
08/26/2021	18:02:36	78797.65	394721.29	40.29	Soil	11,700	0.13
08/26/2021	18:02:37	78797.48	394721.10	40.28	Soil	13,380	1.31
08/26/2021	18:02:38	78797.15	394721.06	40.29	Soil	11,220	-0.20
08/26/2021	18:02:39	78796.93	394720.92	40.28	Soil	10,560	-0.67
08/26/2021	18:02:40	78796.69	394720.90	40.30	Soil	10,740	-0.54
08/26/2021	18:02:41	78796.48	394720.92	40.31	Soil	11,160	-0.25
08/26/2021	18:02:42	78796.36	394720.88	40.31	Soil	12,180	0.47
08/26/2021	18:02:43	78796.57	394720.62	40.33	Soil	11,280	-0.16
08/26/2021	18:02:44	78796.87	394721.40	40.23	Soil	11,580	0.05
08/26/2021	18:02:45	78797.03	394721.73	40.01	Soil	11,100	-0.29
08/26/2021	18:02:46	78797.01	394721.45	40.28	Soil	12,420	0.64
08/26/2021	18:02:47	78796.65	394721.10	40.36	Soil	12,120	0.43
08/26/2021	18:02:48	78796.76	394721.25	40.33	Soil	11,880	0.26
08/26/2021	18:02:50	78796.99	394721.36	40.33	Soil	13,080	1.10
08/26/2021	18:02:50	78797.23	394721.45	40.32	Soil	12,600	0.76
08/26/2021	18:02:51	78797.50	394721.62	40.33	Soil	12,060	0.39
08/26/2021	18:02:53	78797.86	394721.73	40.31	Soil	11,040	-0.33
08/26/2021	18:02:53	78798.12	394721.94	40.32	Soil	12,420	0.64
08/26/2021	18:02:54	78798.45	394721.99	40.34	Soil	12,600	0.76
08/26/2021	18:02:56	78798.68	394722.19	40.33	Soil	12,600	0.76
08/26/2021	18:02:56	78799.01	394722.27	40.34	Soil	13,140	1.14
08/26/2021	18:02:58	78799.23	394722.33	40.33	Soil	11,760	0.18
08/26/2021	18:02:58	78799.47	394722.37	40.33	Soil	12,600	0.76
08/26/2021	18:02:59	78799.66	394722.36	40.34	Soil	13,320	1.27
08/26/2021	18:03:00	78799.70	394722.34	40.34	Soil	10,860	-0.46
08/26/2021	18:03:01	78799.68	394722.41	40.35	Soil	11,460	-0.04
08/26/2021	18:03:02	78799.72	394722.40	40.36	Soil	12,720	0.85
08/26/2021	18:03:04	78799.70	394722.41	40.34	Soil	12,000	0.34

SU 7D GWS RESULTS
(SOIL)

08/26/2021	18:03:04	78799.90	394722.41	40.34	Soil	13,080	1.10
08/26/2021	18:03:06	78800.12	394722.43	40.35	Soil	10,200	-0.92
08/26/2021	18:03:06	78800.22	394722.72	40.35	Soil	11,760	0.18
08/26/2021	18:03:07	78800.51	394722.83	40.31	Soil	12,540	0.72
08/26/2021	18:03:08	78800.84	394722.93	40.25	Soil	16,920	3.80
08/26/2021	18:03:09	78801.42	394722.99	40.26	Soil	11,520	0.01
08/26/2021	18:03:10	78801.61	394723.32	40.25	Soil	13,860	1.65
08/26/2021	18:03:11	78801.91	394723.35	40.18	Soil	13,920	1.69
08/26/2021	18:03:12	78802.38	394723.53	40.23	Soil	12,600	0.76
08/26/2021	18:03:13	78802.59	394723.77	40.21	Soil	13,560	1.44
08/26/2021	18:03:14	78802.85	394723.78	40.13	Soil	14,580	2.15
08/26/2021	18:03:15	78803.08	394724.00	40.15	Soil	13,980	1.73
08/26/2021	18:03:16	78803.31	394724.22	40.13	Soil	14,100	1.82
08/26/2021	18:03:17	78803.53	394724.54	40.15	Soil	11,820	0.22
08/26/2021	18:03:18	78803.54	394724.47	40.15	Soil	12,000	0.34
08/26/2021	18:03:19	78803.53	394724.40	40.13	Soil	12,780	0.89
08/26/2021	18:03:20	78803.30	394724.52	40.11	Soil	12,900	0.98
08/26/2021	18:03:22	78803.00	394724.30	40.18	Soil	12,480	0.68
08/26/2021	18:03:22	78802.74	394724.27	40.20	Soil	13,320	1.27
08/26/2021	18:03:23	78802.38	394724.06	40.25	Soil	13,200	1.19
08/26/2021	18:03:24	78802.18	394723.83	40.29	Soil	13,620	1.48
08/26/2021	18:03:25	78801.83	394723.85	40.27	Soil	12,660	0.81
08/26/2021	18:03:26	78801.45	394723.62	40.51	Soil	11,160	-0.25
08/26/2021	18:03:27	78801.20	394723.70	40.50	Soil	11,400	-0.08
08/26/2021	18:03:28	78800.88	394723.39	40.32	Soil	12,180	0.47
08/26/2021	18:03:29	78800.67	394723.40	40.31	Soil	13,620	1.48
08/26/2021	18:03:30	78800.38	394723.26	40.31	Soil	13,620	1.48
08/26/2021	18:03:31	78800.14	394723.12	40.32	Soil	12,780	0.89
08/26/2021	18:03:32	78799.76	394723.05	40.31	Soil	13,260	1.23
08/26/2021	18:03:33	78799.51	394722.91	40.32	Soil	12,480	0.68
08/26/2021	18:03:34	78799.08	394722.89	40.32	Soil	11,880	0.26
08/26/2021	18:03:35	78798.74	394722.63	40.33	Soil	14,340	1.99
08/26/2021	18:03:36	78798.43	394722.66	40.30	Soil	12,480	0.68
08/26/2021	18:03:37	78798.18	394722.42	40.29	Soil	9,180	-1.64
08/26/2021	18:03:38	78797.87	394722.53	40.32	Soil	12,120	0.43
08/26/2021	18:03:39	78797.71	394722.50	40.33	Soil	10,860	-0.46
08/26/2021	18:03:40	78797.81	394722.19	40.31	Soil	11,100	-0.29
08/26/2021	18:03:41	78797.43	394722.33	40.30	Soil	11,520	0.01
08/26/2021	18:03:42	78797.71	394722.66	40.27	Soil	13,380	1.31
08/26/2021	18:03:43	78798.02	394723.43	40.14	Soil	11,160	-0.25
08/26/2021	18:03:44	78798.02	394723.44	40.21	Soil	10,560	-0.67
08/26/2021	18:03:45	78797.56	394722.81	40.31	Soil	11,340	-0.12
08/26/2021	18:03:46	78797.65	394722.74	40.29	Soil	11,160	-0.25
08/26/2021	18:03:47	78797.82	394722.93	40.27	Soil	10,920	-0.41
08/26/2021	18:03:48	78798.01	394723.01	40.27	Soil	10,800	-0.50
08/26/2021	18:03:49	78798.32	394723.07	40.27	Soil	11,340	-0.12
08/26/2021	18:03:50	78798.55	394723.25	40.28	Soil	10,800	-0.50
08/26/2021	18:03:51	78798.92	394723.30	40.29	Soil	11,880	0.26
08/26/2021	18:03:52	78799.09	394723.39	40.29	Soil	11,880	0.26
08/26/2021	18:03:53	78799.23	394723.50	40.32	Soil	10,860	-0.46
08/26/2021	18:03:54	78799.53	394723.63	40.32	Soil	13,200	1.19

SU 7D GWS RESULTS
(SOIL)

08/26/2021	18:03:55	78799.77	394723.67	40.32	Soil	12,420	0.64
08/26/2021	18:03:56	78799.97	394723.96	40.43	Soil	12,060	0.39
08/26/2021	18:03:57	78800.30	394723.87	40.52	Soil	11,700	0.13
08/26/2021	18:03:58	78800.55	394724.18	40.48	Soil	14,280	1.94
08/26/2021	18:03:59	78800.84	394724.25	40.37	Soil	12,540	0.72
08/26/2021	18:04:00	78801.11	394724.49	40.26	Soil	12,360	0.60
08/26/2021	18:04:01	78801.50	394724.52	40.27	Soil	12,660	0.81
08/26/2021	18:04:02	78801.91	394724.50	40.28	Soil	14,040	1.78
08/26/2021	18:04:03	78802.22	394724.60	40.21	Soil	12,780	0.89
08/26/2021	18:04:04	78802.65	394724.68	40.17	Soil	15,120	2.53
08/26/2021	18:04:05	78802.88	394724.77	40.17	Soil	13,080	1.10
08/26/2021	18:04:06	78803.05	394724.96	40.16	Soil	14,460	2.07
08/26/2021	18:04:07	78803.41	394725.30	40.14	Soil	13,020	1.06
08/26/2021	18:04:08	78803.58	394725.42	40.12	Soil	14,700	2.24
08/26/2021	18:04:09	78803.40	394725.47	40.17	Soil	12,900	0.98
08/26/2021	18:04:10	78803.34	394725.29	40.14	Soil	13,680	1.52
08/26/2021	18:04:11	78803.22	394725.22	40.14	Soil	13,800	1.61
08/26/2021	18:04:12	78802.97	394725.32	40.17	Soil	13,080	1.10
08/26/2021	18:04:13	78802.71	394725.25	40.19	Soil	16,080	3.21
08/26/2021	18:04:14	78802.43	394725.18	40.20	Soil	14,220	1.90
08/26/2021	18:04:15	78802.15	394725.16	40.24	Soil	14,040	1.78
08/26/2021	18:04:16	78801.95	394725.10	40.28	Soil	15,780	3.00
08/26/2021	18:04:17	78801.64	394725.16	40.25	Soil	13,500	1.40
08/26/2021	18:04:18	78801.30	394724.95	40.40	Soil	13,620	1.48
08/26/2021	18:04:19	78801.02	394725.02	40.42	Soil	12,960	1.02
08/26/2021	18:04:20	78800.80	394724.87	40.41	Soil	12,360	0.60
08/26/2021	18:04:21	78800.58	394724.82	40.44	Soil	11,580	0.05
08/26/2021	18:04:22	78800.29	394724.93	40.39	Soil	13,620	1.48
08/26/2021	18:04:23	78800.02	394724.86	40.32	Soil	11,940	0.30
08/26/2021	18:04:24	78799.75	394724.81	40.28	Soil	11,220	-0.20
08/26/2021	18:04:25	78799.41	394724.58	40.26	Soil	11,820	0.22
08/26/2021	18:04:26	78799.12	394724.59	40.23	Soil	12,960	1.02
08/26/2021	18:04:27	78798.90	394724.39	40.22	Soil	10,860	-0.46
08/26/2021	18:04:28	78798.73	394724.44	40.22	Soil	9,960	-1.09
08/26/2021	18:04:29	78798.55	394724.41	40.22	Soil	11,700	0.13
08/26/2021	18:04:30	78798.66	394723.98	40.28	Soil	10,380	-0.79
08/26/2021	18:04:31	78798.39	394723.68	40.24	Soil	10,440	-0.75
08/26/2021	18:04:32	78797.95	394723.25	40.26	Soil	11,700	0.13
08/26/2021	18:04:33	78797.89	394723.27	40.24	Soil	11,940	0.30
08/26/2021	18:04:34	78797.90	394723.57	40.25	Soil	9,840	-1.17
08/26/2021	18:04:35	78798.24	394723.69	40.26	Soil	11,040	-0.33
08/26/2021	18:04:36	78798.53	394724.01	40.27	Soil	11,220	-0.20
08/26/2021	18:04:37	78798.95	394724.08	40.29	Soil	12,600	0.76
08/26/2021	18:04:38	78799.31	394724.31	40.31	Soil	10,500	-0.71
08/26/2021	18:04:39	78799.68	394724.35	40.33	Soil	11,580	0.05
08/26/2021	18:04:40	78799.99	394724.40	40.36	Soil	13,500	1.40
08/26/2021	18:04:41	78800.45	394724.46	40.39	Soil	12,480	0.68
08/26/2021	18:04:42	78800.69	394724.54	40.30	Soil	11,460	-0.04
08/26/2021	18:04:43	78801.29	394724.64	40.16	Soil	14,820	2.32
08/26/2021	18:04:44	78801.82	394724.98	40.10	Soil	12,900	0.98
08/26/2021	18:04:45	78802.35	394725.15	40.10	Soil	14,940	2.41

SU 7D GWS RESULTS
(SOIL)

08/26/2021	18:04:46	78802.98	394725.39	40.04	Soil	13,980	1.73
08/26/2021	18:04:47	78803.60	394725.77	40.03	Soil	14,280	1.94
08/26/2021	18:04:48	78803.68	394726.29	40.04	Soil	13,800	1.61
08/26/2021	18:04:49	78803.37	394726.50	40.08	Soil	16,260	3.33
08/26/2021	18:04:50	78803.08	394726.56	40.06	Soil	13,140	1.14
08/26/2021	18:04:51	78802.74	394726.45	40.09	Soil	14,640	2.20
08/26/2021	18:04:52	78802.33	394726.43	40.11	Soil	14,280	1.94
08/26/2021	18:04:53	78802.03	394726.27	40.17	Soil	14,040	1.78
08/26/2021	18:04:54	78801.60	394726.22	40.17	Soil	12,840	0.93
08/26/2021	18:04:55	78801.27	394725.99	40.24	Soil	14,820	2.32
08/26/2021	18:04:56	78800.90	394725.98	40.29	Soil	10,380	-0.79
08/26/2021	18:04:57	78800.55	394725.74	40.27	Soil	11,460	-0.04
08/26/2021	18:04:58	78800.14	394725.73	40.21	Soil	11,940	0.30
08/26/2021	18:04:59	78799.77	394725.47	40.16	Soil	10,620	-0.62
08/26/2021	18:05:00	78799.28	394725.44	40.11	Soil	11,580	0.05
08/26/2021	18:05:01	78798.95	394725.15	40.09	Soil	12,720	0.85
08/26/2021	18:05:02	78798.77	394725.11	40.08	Soil	12,660	0.81
08/26/2021	18:05:03	78798.59	394725.10	40.06	Soil	9,900	-1.13
08/26/2021	18:05:04	78798.54	394725.23	40.05	Soil	11,820	0.22
08/26/2021	18:05:05	78798.63	394725.50	40.06	Soil	10,620	-0.62
08/26/2021	18:05:06	78798.77	394725.81	40.11	Soil	11,040	-0.33
08/26/2021	18:05:07	78799.13	394726.00	40.17	Soil	11,640	0.09
08/26/2021	18:05:08	78799.31	394726.30	40.18	Soil	11,100	-0.29
08/26/2021	18:05:09	78799.48	394726.25	40.21	Soil	12,420	0.64
08/26/2021	18:05:10	78799.79	394726.06	40.24	Soil	9,840	-1.17
08/26/2021	18:05:11	78799.71	394725.66	40.22	Soil	9,780	-1.21
08/26/2021	18:05:12	78799.61	394725.13	40.21	Soil	9,720	-1.26
08/26/2021	18:05:13	78799.39	394724.83	40.18	Soil	10,980	-0.37
08/26/2021	18:05:14	78799.20	394724.39	40.21	Soil	11,220	-0.20
08/26/2021	18:05:15	78798.94	394723.98	40.20	Soil	12,060	0.39
08/26/2021	18:05:16	78798.74	394723.55	40.18	Soil	11,580	0.05
08/26/2021	18:05:17	78798.60	394723.18	40.21	Soil	12,060	0.39
08/26/2021	18:05:18	78798.85	394723.17	40.23	Soil	10,980	-0.37
08/26/2021	18:05:19	78799.11	394723.44	40.26	Soil	13,080	1.10
08/26/2021	18:05:20	78799.37	394723.73	40.28	Soil	11,100	-0.29
08/26/2021	18:05:21	78799.50	394724.19	40.28	Soil	12,360	0.60
08/26/2021	18:05:22	78799.62	394724.62	40.28	Soil	10,920	-0.41
08/26/2021	18:05:23	78799.89	394725.08	40.31	Soil	10,860	-0.46
08/26/2021	18:05:24	78800.10	394725.48	40.35	Soil	10,980	-0.37
08/26/2021	18:05:25	78800.29	394725.96	40.37	Soil	12,000	0.34
08/26/2021	18:05:26	78800.58	394726.31	40.39	Soil	14,880	2.36
08/26/2021	18:05:27	78800.58	394726.32	40.39	Soil	14,400	2.03
08/26/2021	18:05:28	78800.56	394726.38	40.38	Soil	12,960	1.02
08/26/2021	18:05:29	78800.57	394726.34	40.39	Soil	13,740	1.56
08/26/2021	18:05:30	78800.60	394726.32	40.40	Soil	13,620	1.48
08/26/2021	18:05:31	78800.59	394726.30	40.41	Soil	14,280	1.94
08/26/2021	18:05:32	78800.51	394726.18	40.43	Soil	15,660	2.91
08/26/2021	18:05:33	78800.60	394726.23	40.42	Soil	12,960	1.02
08/26/2021	18:05:34	78800.64	394726.23	40.42	Soil	13,920	1.69
08/26/2021	18:05:35	78800.63	394726.02	40.41	Soil	13,560	1.44
08/26/2021	18:05:36	78800.18	394725.57	40.25	Soil	12,840	0.93

SU 7D GWS RESULTS
(SOIL)

08/26/2021	18:05:37	78799.39	394724.95	40.25	Soil	10,800	-0.50
08/26/2021	18:05:38	78798.58	394724.37	40.22	Soil	13,200	1.19
08/26/2021	18:05:39	78798.82	394724.77	40.22	Soil	11,760	0.18
08/26/2021	18:05:40	78799.34	394725.01	40.24	Soil	10,800	-0.50
08/26/2021	18:05:41	78799.95	394725.67	40.33	Soil	11,460	-0.04
08/26/2021	18:05:42	78800.47	394726.40	40.36	Soil	12,300	0.55
08/26/2021	18:05:43	78801.10	394726.85	40.26	Soil	13,860	1.65
08/26/2021	18:05:44	78801.80	394727.65	40.17	Soil	14,280	1.94
08/26/2021	18:05:45	78802.59	394728.51	40.19	Soil	15,300	2.66
08/26/2021	18:05:46	78803.35	394729.39	40.14	Soil	15,780	3.00
08/26/2021	18:05:47	78803.99	394730.26	40.04	Soil	12,120	0.43
08/26/2021	18:05:48	78804.51	394731.31	39.99	Soil	13,500	1.40
08/26/2021	18:05:49	78805.02	394732.37	39.99	Soil	14,400	2.03
08/26/2021	18:05:50	78805.42	394733.32	40.02	Soil	13,080	1.10
08/26/2021	18:05:51	78805.76	394734.21	39.94	Soil	12,120	0.43
08/26/2021	18:05:52	78806.08	394735.01	39.94	Soil	10,440	-0.75
08/26/2021	18:05:53	78806.38	394735.22	39.91	Soil	13,440	1.35
08/26/2021	18:05:54	78806.47	394735.21	39.90	Soil	11,580	0.05
08/26/2021	18:05:55	78806.46	394735.24	39.91	Soil	14,160	1.86
08/26/2021	18:05:56	78806.47	394735.25	39.91	Soil	11,100	-0.29
08/26/2021	18:05:57	78806.26	394735.24	39.91	Soil	13,080	1.10
08/26/2021	18:05:58	78806.01	394735.29	39.99	Soil	15,300	2.66
08/26/2021	18:05:59	78805.72	394735.38	40.02	Soil	12,960	1.02
08/26/2021	18:06:00	78805.19	394735.26	40.07	Soil	12,900	0.98
08/26/2021	18:06:01	78804.80	394735.44	40.11	Soil	13,260	1.23
08/26/2021	18:06:02	78804.39	394735.60	40.12	Soil	11,460	-0.04
08/26/2021	18:06:03	78804.19	394735.99	40.12	Soil	11,280	-0.16
08/26/2021	18:06:04	78803.98	394736.32	40.16	Soil	10,920	-0.41
08/26/2021	18:06:05	78803.99	394736.43	40.17	Soil	11,100	-0.29
08/26/2021	18:06:06	78803.85	394736.36	40.14	Soil	10,980	-0.37
08/26/2021	18:06:07	78803.91	394736.36	40.14	Soil	12,000	0.34
08/26/2021	18:06:08	78803.93	394736.35	40.15	Soil	10,380	-0.79
08/26/2021	18:06:09	78803.91	394736.33	40.14	Soil	11,580	0.05
08/26/2021	18:06:10	78804.02	394736.47	40.17	Soil	10,740	-0.54
08/26/2021	18:06:11	78804.28	394736.47	40.15	Soil	10,440	-0.75
08/26/2021	18:06:12	78804.55	394736.28	40.13	Soil	12,420	0.64
08/26/2021	18:06:13	78804.40	394735.47	40.15	Soil	13,020	1.06
08/26/2021	18:06:14	78804.29	394734.41	40.22	Soil	10,020	-1.05
08/26/2021	18:06:15	78804.17	394733.25	40.12	Soil	11,460	-0.04
08/26/2021	18:06:16	78804.05	394732.03	40.10	Soil	14,640	2.20
08/26/2021	18:06:17	78803.95	394730.88	40.14	Soil	14,400	2.03
08/26/2021	18:06:18	78803.80	394729.94	40.14	Soil	14,880	2.36
08/26/2021	18:06:19	78803.68	394728.76	40.09	Soil	15,180	2.58
08/26/2021	18:06:20	78803.49	394727.67	40.12	Soil	13,860	1.65
08/26/2021	18:06:21	78803.11	394726.59	40.10	Soil	13,020	1.06
08/26/2021	18:06:22	78802.93	394726.86	40.12	Soil	13,440	1.35
08/26/2021	18:06:23	78803.26	394727.27	40.11	Soil	13,500	1.40
08/26/2021	18:06:24	78803.33	394728.05	40.07	Soil	14,460	2.07
08/26/2021	18:06:25	78803.40	394728.98	40.05	Soil	13,080	1.10
08/26/2021	18:06:26	78803.79	394729.73	40.06	Soil	16,320	3.38
08/26/2021	18:06:27	78803.97	394730.64	40.03	Soil	15,300	2.66

SU 7D GWS RESULTS
(SOIL)

08/26/2021	18:06:28	78804.15	394731.60	39.91	Soil	13,500	1.40
08/26/2021	18:06:29	78804.48	394732.61	40.05	Soil	13,260	1.23
08/26/2021	18:06:30	78804.28	394733.57	40.15	Soil	13,740	1.56
08/26/2021	18:06:31	78804.23	394734.39	40.10	Soil	11,280	-0.16
08/26/2021	18:06:32	78804.19	394735.31	40.10	Soil	13,440	1.35
08/26/2021	18:06:33	78804.07	394736.18	40.09	Soil	11,220	-0.20
08/26/2021	18:06:34	78804.28	394736.94	40.05	Soil	10,080	-1.00
08/26/2021	18:06:35	78804.07	394737.30	40.08	Soil	9,600	-1.34
08/26/2021	18:06:36	78804.01	394737.58	40.08	Soil	11,760	0.18
08/26/2021	18:06:37	78803.86	394738.15	40.06	Soil	11,700	0.13
08/26/2021	18:06:38	78803.90	394738.52	39.99	Soil	10,980	-0.37
08/26/2021	18:06:39	78803.72	394739.15	40.01	Soil	12,300	0.55
08/26/2021	18:06:40	78803.70	394739.67	40.00	Soil	9,960	-1.09
08/26/2021	18:06:41	78803.51	394740.12	39.99	Soil	10,080	-1.00
08/26/2021	18:06:42	78803.59	394740.13	39.99	Soil	11,820	0.22
08/26/2021	18:06:43	78803.63	394740.17	40.00	Soil	10,140	-0.96
08/26/2021	18:06:44	78803.59	394740.17	40.00	Soil	11,820	0.22
08/26/2021	18:06:45	78803.56	394740.16	39.99	Soil	10,620	-0.62
08/26/2021	18:06:46	78803.59	394740.17	40.00	Soil	10,140	-0.96
08/26/2021	18:06:47	78803.61	394740.18	40.00	Soil	10,860	-0.46
08/26/2021	18:06:48	78803.61	394740.19	39.99	Soil	10,980	-0.37
08/26/2021	18:06:49	78803.62	394740.20	39.98	Soil	11,280	-0.16
08/26/2021	18:06:50	78803.64	394740.19	39.98	Soil	11,940	0.30
08/26/2021	18:06:51	78803.64	394740.20	39.98	Soil	9,960	-1.09
08/26/2021	18:06:52	78803.62	394740.19	39.98	Soil	11,760	0.18
08/26/2021	18:06:53	78803.60	394740.18	39.98	Soil	12,240	0.51
08/26/2021	18:06:54	78803.61	394740.18	39.99	Soil	11,880	0.26
08/26/2021	18:06:55	78803.64	394740.18	40.00	Soil	11,460	-0.04
08/26/2021	18:06:56	78803.64	394740.18	40.00	Soil	12,240	0.51
08/26/2021	18:06:57	78803.72	394740.23	40.03	Soil	10,860	-0.46
08/26/2021	18:06:58	78803.67	394740.15	40.02	Soil	11,580	0.05
08/26/2021	18:06:59	78803.67	394740.12	40.01	Soil	9,540	-1.38
08/26/2021	18:07:00	78803.68	394740.13	40.00	Soil	11,460	-0.04
08/26/2021	18:07:01	78803.68	394740.10	39.99	Soil	11,040	-0.33
08/26/2021	18:07:02	78803.68	394740.12	39.98	Soil	11,220	-0.20
08/26/2021	18:07:03	78803.67	394740.14	39.97	Soil	11,820	0.22
08/26/2021	18:07:04	78803.67	394740.14	39.97	Soil	11,640	0.09
08/26/2021	18:07:05	78803.62	394740.22	39.99	Soil	11,640	0.09
08/26/2021	18:07:06	78803.55	394740.58	39.94	Soil	13,440	1.35
08/26/2021	18:07:07	78803.39	394741.12	39.95	Soil	10,740	-0.54
08/26/2021	18:07:08	78803.48	394741.69	39.94	Soil	12,840	0.93
08/26/2021	18:07:09	78803.42	394742.34	39.93	Soil	12,540	0.72
08/26/2021	18:07:10	78803.48	394743.01	39.88	Soil	11,880	0.26
08/26/2021	18:07:11	78803.32	394743.67	39.87	Soil	13,800	1.61
08/26/2021	18:07:12	78803.26	394744.34	39.87	Soil	12,060	0.39
08/26/2021	18:07:13	78803.19	394745.02	39.86	Soil	13,260	1.23
08/26/2021	18:07:14	78803.07	394745.71	39.87	Soil	10,020	-1.05
08/26/2021	18:07:15	78803.00	394746.31	39.87	Soil	12,780	0.89
08/26/2021	18:07:16	78802.89	394746.97	39.89	Soil	11,340	-0.12
08/26/2021	18:07:17	78802.83	394747.54	39.89	Soil	12,420	0.64
08/26/2021	18:07:18	78802.62	394748.18	39.94	Soil	12,600	0.76

SU 7D GWS RESULTS
(SOIL)

08/26/2021	18:07:19	78802.41	394748.61	39.97	Soil	12,240	0.51
08/26/2021	18:07:20	78802.26	394749.12	40.03	Soil	11,700	0.13
08/26/2021	18:07:21	78802.29	394749.53	39.99	Soil	12,600	0.76
08/26/2021	18:07:22	78802.20	394750.14	39.98	Soil	10,560	-0.67
08/26/2021	18:07:23	78802.21	394750.73	39.99	Soil	12,540	0.72
08/26/2021	18:07:24	78802.03	394751.27	40.03	Soil	13,620	1.48
08/26/2021	18:07:25	78801.95	394751.73	40.02	Soil	11,880	0.26
08/26/2021	18:07:26	78801.79	394752.38	39.99	Soil	12,540	0.72
08/26/2021	18:07:27	78801.96	394753.00	40.03	Soil	11,460	-0.04
08/26/2021	18:07:28	78801.86	394753.35	40.04	Soil	11,100	-0.29
08/26/2021	18:07:29	78801.99	394753.64	40.00	Soil	10,920	-0.41
08/26/2021	18:07:30	78802.00	394753.95	40.02	Soil	11,820	0.22
08/26/2021	18:07:31	78801.97	394753.83	40.01	Soil	11,460	-0.04
08/26/2021	18:07:32	78801.84	394753.89	40.04	Soil	10,260	-0.88
08/26/2021	18:07:33	78801.75	394753.89	40.05	Soil	11,520	0.01
08/26/2021	18:07:34	78801.72	394753.88	40.04	Soil	11,100	-0.29
08/26/2021	18:07:35	78801.88	394753.87	40.03	Soil	12,420	0.64
08/26/2021	18:07:36	78801.77	394753.65	40.02	Soil	11,520	0.01
08/26/2021	18:07:37	78801.88	394753.36	40.04	Soil	12,840	0.93
08/26/2021	18:07:38	78801.73	394753.08	40.03	Soil	12,360	0.60
08/26/2021	18:07:39	78801.85	394752.74	40.03	Soil	11,700	0.13
08/26/2021	18:07:40	78801.85	394752.35	40.04	Soil	12,420	0.64
08/26/2021	18:07:41	78801.95	394752.10	40.03	Soil	12,840	0.93
08/26/2021	18:07:42	78801.99	394751.79	40.06	Soil	10,560	-0.67
08/26/2021	18:07:43	78802.01	394751.45	40.04	Soil	11,880	0.26
08/26/2021	18:07:44	78802.26	394751.05	40.03	Soil	11,520	0.01
08/26/2021	18:07:45	78802.32	394750.61	40.04	Soil	12,540	0.72
08/26/2021	18:07:46	78802.48	394750.23	40.06	Soil	11,820	0.22
08/26/2021	18:07:47	78802.49	394749.83	40.08	Soil	12,960	1.02
08/26/2021	18:07:48	78802.61	394749.52	40.08	Soil	12,540	0.72
08/26/2021	18:07:49	78802.57	394749.16	40.06	Soil	12,120	0.43
08/26/2021	18:07:50	78802.69	394748.71	39.99	Soil	11,820	0.22
08/26/2021	18:07:51	78802.77	394748.29	39.99	Soil	12,480	0.68
08/26/2021	18:07:52	78802.76	394747.83	39.98	Soil	11,160	-0.25
08/26/2021	18:07:53	78802.91	394747.42	39.97	Soil	12,360	0.60
08/26/2021	18:07:54	78802.82	394746.97	39.96	Soil	10,680	-0.58
08/26/2021	18:07:55	78802.86	394746.48	39.95	Soil	11,820	0.22
08/26/2021	18:07:56	78802.79	394745.90	39.95	Soil	12,180	0.47
08/26/2021	18:07:57	78802.90	394745.37	39.93	Soil	11,400	-0.08
08/26/2021	18:07:58	78802.79	394744.80	39.94	Soil	13,380	1.31
08/26/2021	18:07:59	78803.00	394744.32	39.93	Soil	12,540	0.72
08/26/2021	18:08:00	78803.02	394743.87	39.96	Soil	13,140	1.14
08/26/2021	18:08:01	78803.09	394743.47	39.97	Soil	11,340	-0.12
08/26/2021	18:08:02	78803.08	394743.06	39.97	Soil	13,980	1.73
08/26/2021	18:08:03	78803.23	394742.55	39.97	Soil	12,000	0.34
08/26/2021	18:08:04	78803.26	394742.17	40.03	Soil	12,120	0.43
08/26/2021	18:08:05	78803.22	394741.79	40.06	Soil	11,940	0.30
08/26/2021	18:08:06	78803.36	394741.42	40.05	Soil	10,800	-0.50
08/26/2021	18:08:07	78803.32	394741.05	40.06	Soil	12,000	0.34
08/26/2021	18:08:08	78803.41	394740.72	40.06	Soil	10,320	-0.84
08/26/2021	18:08:09	78803.48	394740.19	40.09	Soil	12,300	0.55

SU 7D GWS RESULTS
(SOIL)

08/26/2021	18:08:10	78803.64	394739.71	40.12	Soil	12,240	0.51
08/26/2021	18:08:11	78803.71	394739.17	40.13	Soil	10,980	-0.37
08/26/2021	18:08:12	78803.89	394738.55	40.17	Soil	11,880	0.26
08/26/2021	18:08:13	78803.84	394738.06	40.18	Soil	11,940	0.30
08/26/2021	18:08:14	78803.96	394737.56	40.22	Soil	13,200	1.19
08/26/2021	18:08:15	78804.07	394737.43	40.19	Soil	13,980	1.73
08/26/2021	18:08:16	78803.84	394736.95	40.24	Soil	10,740	-0.54
08/26/2021	18:08:17	78803.66	394736.93	40.26	Soil	12,660	0.81
08/26/2021	18:08:18	78803.65	394736.82	40.25	Soil	10,620	-0.62
08/26/2021	18:08:19	78803.62	394736.98	40.22	Soil	11,400	-0.08
08/26/2021	18:08:20	78803.41	394737.21	40.19	Soil	10,080	-1.00
08/26/2021	18:08:21	78803.41	394737.55	40.18	Soil	10,500	-0.71
08/26/2021	18:08:22	78803.16	394737.79	40.18	Soil	11,160	-0.25
08/26/2021	18:08:23	78802.93	394738.07	40.20	Soil	10,920	-0.41
08/26/2021	18:08:24	78803.12	394738.09	40.19	Soil	12,300	0.55
08/26/2021	18:08:25	78803.57	394737.86	40.22	Soil	9,420	-1.47
08/26/2021	18:08:26	78803.57	394737.43	40.22	Soil	14,160	1.86
08/26/2021	18:08:27	78803.72	394736.85	40.22	Soil	10,980	-0.37
08/26/2021	18:08:28	78803.77	394736.30	40.21	Soil	12,540	0.72
08/26/2021	18:08:29	78804.08	394735.76	40.20	Soil	13,500	1.40
08/26/2021	18:08:30	78803.99	394735.21	40.25	Soil	13,500	1.40
08/26/2021	18:08:31	78803.97	394734.58	40.28	Soil	11,460	-0.04
08/26/2021	18:08:32	78803.97	394733.92	40.27	Soil	11,940	0.30
08/26/2021	18:08:33	78804.11	394733.44	40.22	Soil	10,200	-0.92
08/26/2021	18:08:34	78804.05	394732.90	40.15	Soil	12,780	0.89
08/26/2021	18:08:35	78804.21	394732.29	40.11	Soil	15,180	2.58
08/26/2021	18:08:36	78804.13	394731.63	40.08	Soil	16,680	3.63
08/26/2021	18:08:37	78804.23	394731.03	40.10	Soil	13,740	1.56
08/26/2021	18:08:38	78804.24	394730.42	40.13	Soil	15,360	2.70
08/26/2021	18:08:39	78804.30	394729.80	40.13	Soil	15,780	3.00
08/26/2021	18:08:40	78804.20	394729.24	40.13	Soil	12,960	1.02
08/26/2021	18:08:41	78804.27	394728.67	40.13	Soil	11,820	0.22
08/26/2021	18:08:42	78804.06	394728.15	40.13	Soil	13,500	1.40
08/26/2021	18:08:43	78803.79	394727.47	40.16	Soil	13,980	1.73
08/26/2021	18:08:44	78803.54	394727.55	40.14	Soil	13,080	1.10
08/26/2021	18:08:45	78803.41	394727.98	40.17	Soil	13,740	1.56
08/26/2021	18:08:46	78803.45	394728.50	40.16	Soil	12,840	0.93
08/26/2021	18:08:47	78803.40	394729.05	40.19	Soil	13,800	1.61
08/26/2021	18:08:48	78803.48	394729.57	40.17	Soil	15,300	2.66
08/26/2021	18:08:49	78803.46	394730.11	40.20	Soil	13,860	1.65
08/26/2021	18:08:50	78803.58	394730.56	40.16	Soil	15,180	2.58
08/26/2021	18:08:51	78803.56	394731.07	40.16	Soil	15,180	2.58
08/26/2021	18:08:52	78803.64	394731.57	40.13	Soil	15,480	2.79
08/26/2021	18:08:53	78803.55	394732.12	40.18	Soil	13,980	1.73
08/26/2021	18:08:54	78803.59	394732.62	40.23	Soil	14,040	1.78
08/26/2021	18:08:55	78803.49	394733.06	40.26	Soil	11,820	0.22
08/26/2021	18:08:56	78803.53	394733.44	40.28	Soil	12,120	0.43
08/26/2021	18:08:57	78803.55	394733.82	40.29	Soil	11,220	-0.20
08/26/2021	18:08:58	78803.69	394734.05	40.28	Soil	12,000	0.34
08/26/2021	18:08:59	78803.79	394734.32	40.26	Soil	11,400	-0.08
08/26/2021	18:09:00	78803.59	394734.20	40.29	Soil	12,240	0.51

SU 7D GWS RESULTS
(SOIL)

08/26/2021	18:09:01	78803.50	394733.95	40.30	Soil	12,000	0.34
08/26/2021	18:09:02	78803.35	394733.63	40.30	Soil	13,080	1.10
08/26/2021	18:09:03	78803.32	394733.25	40.28	Soil	11,460	-0.04
08/26/2021	18:09:04	78803.20	394732.83	40.23	Soil	13,320	1.27
08/26/2021	18:09:05	78803.26	394732.31	40.15	Soil	16,440	3.46
08/26/2021	18:09:06	78803.01	394731.90	40.20	Soil	15,360	2.70
08/26/2021	18:09:07	78802.98	394731.50	40.22	Soil	15,360	2.70
08/26/2021	18:09:08	78802.84	394730.97	40.26	Soil	15,300	2.66
08/26/2021	18:09:09	78802.77	394730.58	40.25	Soil	14,640	2.20
08/26/2021	18:09:10	78802.59	394730.24	40.27	Soil	15,120	2.53
08/26/2021	18:09:11	78802.51	394729.93	40.30	Soil	15,300	2.66
08/26/2021	18:09:12	78802.41	394729.65	40.25	Soil	15,600	2.87
08/26/2021	18:09:13	78802.19	394729.34	40.25	Soil	14,220	1.90
08/26/2021	18:09:14	78802.10	394728.96	40.26	Soil	16,020	3.16
08/26/2021	18:09:15	78801.96	394728.56	40.25	Soil	14,280	1.94
08/26/2021	18:09:16	78801.93	394728.14	40.24	Soil	14,520	2.11
08/26/2021	18:09:17	78801.81	394727.65	40.24	Soil	14,580	2.15
08/26/2021	18:09:18	78801.75	394727.21	40.25	Soil	16,620	3.59
08/26/2021	18:09:19	78801.65	394726.82	40.23	Soil	14,160	1.86
08/26/2021	18:09:20	78801.27	394726.30	40.27	Soil	13,860	1.65
08/26/2021	18:09:21	78801.02	394726.39	40.23	Soil	12,300	0.55
08/26/2021	18:09:22	78800.92	394726.65	40.27	Soil	15,540	2.83
08/26/2021	18:09:23	78801.04	394726.96	40.22	Soil	11,640	0.09
08/26/2021	18:09:24	78801.05	394727.34	40.22	Soil	14,160	1.86
08/26/2021	18:09:25	78801.18	394727.64	40.21	Soil	14,700	2.24
08/26/2021	18:09:26	78801.21	394728.01	40.22	Soil	16,920	3.80
08/26/2021	18:09:27	78801.31	394728.37	40.19	Soil	14,520	2.11
08/26/2021	18:09:28	78801.28	394728.78	40.19	Soil	14,760	2.28
08/26/2021	18:09:29	78801.42	394729.04	40.20	Soil	15,180	2.58
08/26/2021	18:09:30	78801.40	394729.32	40.15	Soil	15,060	2.49
08/26/2021	18:09:31	78801.51	394729.68	40.13	Soil	15,720	2.95
08/26/2021	18:09:32	78801.60	394730.05	40.13	Soil	13,680	1.52
08/26/2021	18:09:33	78801.62	394730.43	40.19	Soil	14,700	2.24
08/26/2021	18:09:34	78801.72	394730.74	40.18	Soil	13,500	1.40
08/26/2021	18:09:35	78801.70	394731.04	40.15	Soil	12,660	0.81
08/26/2021	18:09:36	78801.79	394731.18	40.14	Soil	13,260	1.23
08/26/2021	18:09:37	78801.85	394731.20	40.14	Soil	13,620	1.48
08/26/2021	18:09:38	78801.88	394731.19	40.13	Soil	13,080	1.10
08/26/2021	18:09:39	78801.89	394731.16	40.12	Soil	15,120	2.53
08/26/2021	18:09:40	78801.88	394731.16	40.11	Soil	13,800	1.61
08/26/2021	18:09:41	78801.87	394731.15	40.10	Soil	13,320	1.27
08/26/2021	18:09:42	78801.89	394731.15	40.10	Soil	14,460	2.07
08/26/2021	18:09:43	78802.02	394731.35	40.11	Soil	14,880	2.36
08/26/2021	18:09:44	78802.13	394731.70	40.06	Soil	14,340	1.99
08/26/2021	18:09:45	78802.44	394732.03	40.07	Soil	14,760	2.28
08/26/2021	18:09:46	78802.50	394732.44	40.12	Soil	12,240	0.51
08/26/2021	18:09:47	78802.57	394732.83	40.14	Soil	12,840	0.93
08/26/2021	18:09:48	78802.50	394733.17	40.18	Soil	11,880	0.26
08/26/2021	18:09:49	78802.50	394733.48	40.19	Soil	11,880	0.26
08/26/2021	18:09:50	78802.50	394733.74	40.18	Soil	12,540	0.72
08/26/2021	18:09:51	78802.66	394734.05	40.16	Soil	13,020	1.06

SU 7D GWS RESULTS
(SOIL)

08/26/2021	18:09:52	78802.47	394734.29	40.12	Soil	11,700	0.13
08/26/2021	18:09:53	78802.17	394734.37	40.12	Soil	14,640	2.20
08/26/2021	18:09:54	78802.18	394734.17	40.10	Soil	12,960	1.02
08/26/2021	18:09:55	78802.07	394733.89	40.11	Soil	12,060	0.39
08/26/2021	18:09:56	78802.14	394733.56	40.13	Soil	14,280	1.94
08/26/2021	18:09:57	78802.08	394733.24	40.13	Soil	13,620	1.48
08/26/2021	18:09:58	78802.13	394732.97	40.13	Soil	12,720	0.85
08/26/2021	18:09:59	78802.05	394732.66	40.10	Soil	13,380	1.31
08/26/2021	18:10:00	78802.07	394732.23	40.05	Soil	15,960	3.12
08/26/2021	18:10:01	78801.84	394731.71	40.09	Soil	14,580	2.15
08/26/2021	18:10:02	78801.90	394731.37	40.12	Soil	15,000	2.45
08/26/2021	18:10:03	78801.88	394731.04	40.12	Soil	15,660	2.91
08/26/2021	18:10:04	78801.96	394730.71	40.08	Soil	15,060	2.49
08/26/2021	18:10:05	78801.97	394730.34	40.08	Soil	15,480	2.79
08/26/2021	18:10:06	78801.86	394729.86	40.09	Soil	15,540	2.83
08/26/2021	18:10:07	78801.76	394729.51	40.12	Soil	14,520	2.11
08/26/2021	18:10:08	78801.74	394729.05	40.10	Soil	16,920	3.80
08/26/2021	18:10:09	78801.58	394728.52	40.13	Soil	16,860	3.75
08/26/2021	18:10:10	78801.11	394728.18	40.19	Soil	13,800	1.61
08/26/2021	18:10:11	78800.92	394728.33	40.18	Soil	14,880	2.36
08/26/2021	18:10:12	78800.96	394728.63	40.15	Soil	15,060	2.49
08/26/2021	18:10:13	78800.99	394728.97	40.14	Soil	12,540	0.72
08/26/2021	18:10:14	78801.03	394729.32	40.13	Soil	13,440	1.35
08/26/2021	18:10:15	78801.06	394729.73	40.13	Soil	15,240	2.62
08/26/2021	18:10:16	78801.11	394730.13	40.14	Soil	16,020	3.16
08/26/2021	18:10:17	78801.15	394730.47	40.14	Soil	13,800	1.61
08/26/2021	18:10:18	78801.10	394730.78	40.14	Soil	14,580	2.15
08/26/2021	18:10:19	78801.16	394731.11	40.11	Soil	14,100	1.82
08/26/2021	18:10:20	78801.10	394731.52	40.11	Soil	15,060	2.49
08/26/2021	18:10:21	78801.22	394731.84	40.14	Soil	15,600	2.87
08/26/2021	18:10:22	78801.29	394732.16	40.15	Soil	13,620	1.48
08/26/2021	18:10:23	78801.43	394732.51	40.14	Soil	13,920	1.69
08/26/2021	18:10:24	78801.45	394732.92	40.16	Soil	11,820	0.22
08/26/2021	18:10:25	78801.56	394733.23	40.13	Soil	11,400	-0.08
08/26/2021	18:10:26	78801.52	394733.57	40.14	Soil	13,140	1.14
08/26/2021	18:10:27	78801.62	394733.79	40.14	Soil	13,920	1.69
08/26/2021	18:10:28	78801.80	394734.00	40.18	Soil	10,740	-0.54
08/26/2021	18:10:29	78801.84	394733.97	40.17	Soil	11,460	-0.04
08/26/2021	18:10:30	78801.67	394734.07	40.18	Soil	11,760	0.18
08/26/2021	18:10:31	78801.36	394733.83	40.19	Soil	11,460	-0.04
08/26/2021	18:10:32	78801.08	394733.57	40.16	Soil	14,880	2.36
08/26/2021	18:10:33	78801.11	394733.25	40.14	Soil	14,280	1.94
08/26/2021	18:10:34	78801.01	394732.91	40.10	Soil	14,100	1.82
08/26/2021	18:10:35	78801.01	394732.50	40.12	Soil	14,820	2.32
08/26/2021	18:10:36	78800.99	394732.08	40.09	Soil	14,160	1.86
08/26/2021	18:10:37	78801.11	394731.62	40.11	Soil	15,120	2.53
08/26/2021	18:10:38	78801.09	394731.20	40.14	Soil	12,180	0.47
08/26/2021	18:10:39	78801.08	394730.82	40.12	Soil	13,260	1.23
08/26/2021	18:10:40	78801.02	394730.45	40.09	Soil	15,960	3.12
08/26/2021	18:10:41	78801.06	394729.94	40.12	Soil	14,040	1.78
08/26/2021	18:10:42	78800.94	394729.50	40.11	Soil	15,420	2.74

SU 7D GWS RESULTS
(SOIL)

08/26/2021	18:10:43	78800.86	394729.08	40.13	Soil	12,960	1.02
08/26/2021	18:10:44	78800.59	394728.67	40.11	Soil	15,360	2.70
08/26/2021	18:10:45	78800.49	394728.19	40.16	Soil	12,840	0.93
08/26/2021	18:10:46	78800.22	394727.74	40.08	Soil	13,740	1.56
08/26/2021	18:10:47	78800.10	394727.27	40.17	Soil	11,460	-0.04
08/26/2021	18:10:48	78799.95	394726.82	40.11	Soil	11,340	-0.12
08/26/2021	18:10:49	78799.84	394726.48	40.17	Soil	10,800	-0.50
08/26/2021	18:10:50	78799.63	394726.16	40.10	Soil	11,400	-0.08
08/26/2021	18:10:51	78799.26	394725.96	40.08	Soil	10,320	-0.84
08/26/2021	18:10:52	78799.30	394725.68	40.11	Soil	11,220	-0.20
08/26/2021	18:10:53	78799.43	394725.90	40.14	Soil	11,220	-0.20
08/26/2021	18:10:54	78799.72	394726.24	40.16	Soil	13,200	1.19
08/26/2021	18:10:55	78799.87	394726.78	40.18	Soil	11,160	-0.25
08/26/2021	18:10:56	78800.10	394727.30	40.17	Soil	14,400	2.03
08/26/2021	18:10:57	78800.11	394727.84	40.13	Soil	12,600	0.76
08/26/2021	18:10:58	78800.28	394728.32	40.15	Soil	12,180	0.47
08/26/2021	18:10:59	78800.38	394728.75	40.12	Soil	14,460	2.07
08/26/2021	18:11:00	78800.59	394729.25	40.10	Soil	12,720	0.85
08/26/2021	18:11:01	78800.61	394729.84	40.07	Soil	14,040	1.78
08/26/2021	18:11:02	78800.77	394730.32	40.12	Soil	13,140	1.14
08/26/2021	18:11:03	78800.84	394730.77	40.12	Soil	15,720	2.95
08/26/2021	18:11:04	78800.94	394731.20	40.09	Soil	15,120	2.53
08/26/2021	18:11:05	78800.87	394731.72	40.10	Soil	13,620	1.48
08/26/2021	18:11:06	78800.89	394732.17	40.13	Soil	14,760	2.28
08/26/2021	18:11:07	78800.74	394732.52	40.14	Soil	12,060	0.39
08/26/2021	18:11:08	78800.69	394732.88	40.15	Soil	11,220	-0.20
08/26/2021	18:11:09	78800.67	394733.28	40.18	Soil	12,960	1.02
08/26/2021	18:11:10	78800.73	394733.65	40.18	Soil	11,700	0.13
08/26/2021	18:11:11	78800.68	394734.12	40.18	Soil	12,240	0.51
08/26/2021	18:11:12	78800.70	394734.70	40.21	Soil	11,100	-0.29
08/26/2021	18:11:13	78800.53	394735.18	40.21	Soil	11,400	-0.08
08/26/2021	18:11:14	78800.47	394735.65	40.17	Soil	13,680	1.52
08/26/2021	18:11:15	78800.27	394736.12	40.16	Soil	10,860	-0.46
08/26/2021	18:11:16	78800.15	394736.67	40.15	Soil	10,200	-0.92
08/26/2021	18:11:17	78799.98	394737.17	40.17	Soil	12,540	0.72
08/26/2021	18:11:18	78799.89	394737.70	40.15	Soil	11,580	0.05
08/26/2021	18:11:19	78799.59	394738.15	40.10	Soil	10,560	-0.67
08/26/2021	18:11:20	78799.45	394738.72	40.13	Soil	11,160	-0.25
08/26/2021	18:11:21	78799.27	394739.26	40.13	Soil	12,420	0.64
08/26/2021	18:11:22	78799.16	394739.68	40.10	Soil	10,800	-0.50
08/26/2021	18:11:23	78798.97	394740.16	40.13	Soil	10,260	-0.88
08/26/2021	18:11:24	78798.80	394740.63	40.18	Soil	11,520	0.01
08/26/2021	18:11:25	78798.53	394741.06	40.22	Soil	11,340	-0.12
08/26/2021	18:11:26	78798.57	394741.37	40.26	Soil	11,640	0.09
08/26/2021	18:11:27	78798.27	394741.69	40.29	Soil	10,320	-0.84
08/26/2021	18:11:28	78798.25	394742.11	40.38	Soil	11,640	0.09
08/26/2021	18:11:29	78798.18	394742.62	40.41	Soil	12,600	0.76
08/26/2021	18:11:30	78798.12	394743.04	40.46	Soil	12,900	0.98
08/26/2021	18:11:31	78798.07	394743.48	40.46	Soil	9,840	-1.17
08/26/2021	18:11:32	78797.79	394743.89	40.47	Soil	12,420	0.64
08/26/2021	18:11:33	78797.68	394744.08	40.49	Soil	11,100	-0.29

SU 7D GWS RESULTS
(SOIL)

08/26/2021	18:11:34	78797.71	394744.12	40.50	Soil	9,960	-1.09
08/26/2021	18:11:35	78797.72	394744.13	40.51	Soil	11,040	-0.33
08/26/2021	18:11:36	78797.72	394744.15	40.51	Soil	11,100	-0.29
08/26/2021	18:11:37	78797.70	394744.15	40.50	Soil	11,160	-0.25
08/26/2021	18:11:38	78797.61	394744.23	40.49	Soil	11,700	0.13
08/26/2021	18:11:39	78797.52	394744.60	40.52	Soil	11,580	0.05
08/26/2021	18:11:40	78797.22	394744.88	40.50	Soil	12,840	0.93
08/26/2021	18:11:41	78797.10	394745.19	40.50	Soil	11,460	-0.04
08/26/2021	18:11:42	78797.07	394745.24	40.48	Soil	12,300	0.55
08/26/2021	18:11:43	78797.05	394745.24	40.48	Soil	13,800	1.61
08/26/2021	18:11:44	78797.04	394745.25	40.47	Soil	11,400	-0.08
08/26/2021	18:11:45	78797.04	394745.34	40.48	Soil	10,320	-0.84
08/26/2021	18:11:46	78796.86	394745.48	40.47	Soil	11,340	-0.12
08/26/2021	18:11:47	78796.45	394745.71	40.44	Soil	12,840	0.93
08/26/2021	18:11:48	78795.89	394745.85	40.44	Soil	11,220	-0.20
08/26/2021	18:11:49	78795.55	394746.15	40.46	Soil	9,840	-1.17
08/26/2021	18:11:50	78795.11	394746.55	40.45	Soil	12,300	0.55
08/26/2021	18:11:51	78794.72	394746.97	40.44	Soil	10,500	-0.71
08/26/2021	18:11:52	78794.35	394747.40	40.44	Soil	10,980	-0.37
08/26/2021	18:11:53	78793.91	394747.81	40.46	Soil	11,280	-0.16
08/26/2021	18:11:54	78793.61	394748.20	40.43	Soil	11,040	-0.33
08/26/2021	18:11:55	78793.15	394748.66	40.46	Soil	12,780	0.89
08/26/2021	18:11:56	78793.23	394748.98	40.43	Soil	12,840	0.93
08/26/2021	18:11:57	78793.37	394749.44	40.42	Soil	11,340	-0.12
08/26/2021	18:11:58	78793.72	394749.70	40.41	Soil	10,560	-0.67
08/26/2021	18:11:59	78793.94	394750.17	40.38	Soil	10,680	-0.58
08/26/2021	18:12:00	78794.27	394750.70	40.42	Soil	11,520	0.01
08/26/2021	18:12:01	78794.20	394751.21	40.36	Soil	12,000	0.34
08/26/2021	18:12:02	78794.23	394751.69	40.37	Soil	11,340	-0.12
08/26/2021	18:12:03	78794.06	394752.20	40.37	Soil	10,800	-0.50
08/26/2021	18:12:04	78794.19	394752.41	40.37	Soil	12,660	0.81
08/26/2021	18:12:05	78794.57	394752.64	40.39	Soil	12,540	0.72
08/26/2021	18:12:06	78795.08	394752.67	40.22	Soil	12,540	0.72
08/26/2021	18:12:07	78795.59	394752.79	40.17	Soil	12,300	0.55
08/26/2021	18:12:08	78796.05	394752.78	40.15	Soil	11,880	0.26
08/26/2021	18:12:09	78796.52	394752.85	40.15	Soil	9,900	-1.13
08/26/2021	18:12:10	78796.62	394752.83	40.14	Soil	11,160	-0.25
08/26/2021	18:12:11	78796.62	394752.80	40.14	Soil	11,100	-0.29
08/26/2021	18:12:12	78796.63	394752.81	40.14	Soil	12,720	0.85
08/26/2021	18:12:13	78796.68	394752.83	40.15	Soil	11,460	-0.04
08/26/2021	18:12:14	78796.93	394752.86	40.12	Soil	10,440	-0.75
08/26/2021	18:12:15	78797.36	394753.02	40.11	Soil	14,520	2.11
08/26/2021	18:12:16	78797.71	394753.08	40.09	Soil	12,420	0.64
08/26/2021	18:12:17	78798.13	394753.19	40.08	Soil	11,880	0.26
08/26/2021	18:12:18	78798.65	394753.26	40.07	Soil	11,940	0.30
08/26/2021	18:12:19	78799.14	394753.46	40.04	Soil	13,620	1.48
08/26/2021	18:12:20	78799.69	394753.42	39.99	Soil	11,760	0.18
08/26/2021	18:12:21	78800.16	394753.55	39.99	Soil	12,000	0.34
08/26/2021	18:12:22	78800.56	394753.62	39.96	Soil	10,800	-0.50
08/26/2021	18:12:23	78800.98	394753.93	39.95	Soil	11,040	-0.33
08/26/2021	18:12:24	78801.24	394754.11	39.96	Soil	12,300	0.55

SU 7D GWS RESULTS
(SOIL)

08/26/2021	18:12:25	78801.28	394754.08	39.98	Soil	10,320	-0.84
08/26/2021	18:12:26	78801.30	394754.08	39.97	Soil	10,920	-0.41
08/26/2021	18:12:27	78801.26	394754.10	39.97	Soil	10,680	-0.58
08/26/2021	18:12:28	78801.28	394754.11	39.97	Soil	11,460	-0.04
08/26/2021	18:12:29	78801.21	394753.99	39.99	Soil	11,880	0.26
08/26/2021	18:12:30	78801.10	394753.84	39.97	Soil	10,680	-0.58
08/26/2021	18:12:31	78801.20	394753.60	39.95	Soil	10,980	-0.37
08/26/2021	18:12:32	78801.19	394753.27	39.95	Soil	10,380	-0.79
08/26/2021	18:12:33	78801.20	394752.89	39.98	Soil	13,380	1.31
08/26/2021	18:12:34	78801.16	394752.60	39.97	Soil	11,700	0.13
08/26/2021	18:12:35	78801.20	394752.26	39.99	Soil	12,720	0.85
08/26/2021	18:12:36	78801.07	394751.87	40.02	Soil	12,660	0.81
08/26/2021	18:12:37	78801.11	394751.41	40.13	Soil	10,380	-0.79
08/26/2021	18:12:38	78801.01	394751.12	40.21	Soil	11,460	-0.04
08/26/2021	18:12:39	78801.10	394750.93	40.17	Soil	13,440	1.35
08/26/2021	18:12:40	78801.10	394750.68	40.13	Soil	11,160	-0.25
08/26/2021	18:12:41	78801.23	394750.45	40.08	Soil	11,460	-0.04
08/26/2021	18:12:42	78801.32	394750.21	39.97	Soil	12,180	0.47
08/26/2021	18:12:43	78801.50	394749.78	39.96	Soil	11,460	-0.04
08/26/2021	18:12:44	78801.58	394749.48	39.92	Soil	11,160	-0.25
08/26/2021	18:12:45	78801.73	394749.02	39.91	Soil	11,280	-0.16
08/26/2021	18:12:46	78802.01	394748.62	39.91	Soil	11,340	-0.12
08/26/2021	18:12:47	78802.13	394748.21	39.86	Soil	12,900	0.98
08/26/2021	18:12:48	78802.21	394747.74	39.83	Soil	11,640	0.09
08/26/2021	18:12:49	78802.16	394747.33	39.83	Soil	12,180	0.47
08/26/2021	18:12:50	78802.26	394746.93	39.86	Soil	12,480	0.68
08/26/2021	18:12:51	78802.24	394746.54	39.84	Soil	14,640	2.20
08/26/2021	18:12:52	78802.15	394746.16	39.82	Soil	11,220	-0.20
08/26/2021	18:12:53	78802.24	394745.79	39.79	Soil	12,000	0.34
08/26/2021	18:12:54	78802.39	394745.35	39.80	Soil	12,360	0.60
08/26/2021	18:12:55	78802.42	394744.93	39.81	Soil	13,020	1.06
08/26/2021	18:12:56	78802.54	394744.52	39.80	Soil	11,700	0.13
08/26/2021	18:12:57	78802.60	394744.07	39.80	Soil	9,780	-1.21
08/26/2021	18:12:58	78802.66	394743.60	39.80	Soil	11,460	-0.04
08/26/2021	18:12:59	78802.68	394743.17	39.81	Soil	11,280	-0.16
08/26/2021	18:13:00	78802.77	394742.73	39.82	Soil	12,300	0.55
08/26/2021	18:13:01	78802.77	394742.27	39.85	Soil	11,340	-0.12
08/26/2021	18:13:02	78802.74	394741.81	39.86	Soil	12,540	0.72
08/26/2021	18:13:03	78802.72	394741.37	39.87	Soil	12,780	0.89
08/26/2021	18:13:04	78802.78	394740.93	39.91	Soil	11,640	0.09
08/26/2021	18:13:05	78802.77	394740.51	39.90	Soil	11,280	-0.16
08/26/2021	18:13:06	78802.86	394740.10	39.93	Soil	9,600	-1.34
08/26/2021	18:13:07	78802.85	394739.72	39.94	Soil	10,380	-0.79
08/26/2021	18:13:08	78802.94	394739.22	40.02	Soil	12,060	0.39
08/26/2021	18:13:09	78802.97	394738.78	40.00	Soil	11,280	-0.16
08/26/2021	18:13:10	78803.12	394738.32	40.00	Soil	11,100	-0.29
08/26/2021	18:13:11	78803.07	394737.89	40.03	Soil	8,760	-1.93
08/26/2021	18:13:12	78803.09	394737.66	40.02	Soil	11,640	0.09
08/26/2021	18:13:13	78803.48	394737.78	40.04	Soil	12,540	0.72
08/26/2021	18:13:14	78803.45	394738.06	40.01	Soil	10,920	-0.41
08/26/2021	18:13:15	78802.97	394738.30	40.07	Soil	10,860	-0.46

SU 7D GWS RESULTS
(SOIL)

08/26/2021	18:13:16	78802.69	394738.48	40.04	Soil	10,740	-0.54
08/26/2021	18:13:17	78802.74	394738.32	40.09	Soil	11,400	-0.08
08/26/2021	18:13:18	78802.72	394738.16	40.07	Soil	9,480	-1.42
08/26/2021	18:13:19	78802.73	394738.34	40.05	Soil	12,600	0.76
08/26/2021	18:13:20	78802.63	394738.61	40.05	Soil	10,260	-0.88
08/26/2021	18:13:21	78802.64	394738.90	40.01	Soil	12,240	0.51
08/26/2021	18:13:22	78802.56	394739.22	40.01	Soil	12,540	0.72
08/26/2021	18:13:23	78802.54	394739.53	39.97	Soil	10,500	-0.71
08/26/2021	18:13:24	78802.39	394739.85	39.96	Soil	11,040	-0.33
08/26/2021	18:13:25	78802.43	394740.15	39.94	Soil	9,660	-1.30
08/26/2021	18:13:26	78802.33	394740.50	39.93	Soil	11,940	0.30
08/26/2021	18:13:27	78802.34	394740.84	39.92	Soil	11,340	-0.12
08/26/2021	18:13:28	78802.30	394741.25	39.91	Soil	11,760	0.18
08/26/2021	18:13:29	78802.32	394741.68	39.92	Soil	11,160	-0.25
08/26/2021	18:13:30	78802.21	394742.07	39.90	Soil	11,520	0.01
08/26/2021	18:13:31	78802.25	394742.43	39.86	Soil	11,880	0.26
08/26/2021	18:13:32	78802.16	394742.82	39.89	Soil	11,280	-0.16
08/26/2021	18:13:33	78802.18	394743.21	39.86	Soil	12,900	0.98
08/26/2021	18:13:34	78802.09	394743.66	39.87	Soil	10,980	-0.37
08/26/2021	18:13:35	78802.14	394744.03	39.85	Soil	12,780	0.89
08/26/2021	18:13:36	78802.07	394744.35	39.86	Soil	12,120	0.43
08/26/2021	18:13:37	78802.03	394744.69	39.94	Soil	12,000	0.34
08/26/2021	18:13:38	78801.91	394745.02	39.89	Soil	12,600	0.76
08/26/2021	18:13:39	78801.94	394745.40	39.88	Soil	13,440	1.35
08/26/2021	18:13:40	78801.89	394745.80	39.87	Soil	11,400	-0.08
08/26/2021	18:13:41	78801.83	394746.18	39.90	Soil	11,460	-0.04
08/26/2021	18:13:42	78801.84	394746.57	39.90	Soil	11,700	0.13
08/26/2021	18:13:43	78801.74	394746.95	39.91	Soil	10,980	-0.37
08/26/2021	18:13:44	78801.76	394747.35	39.92	Soil	11,040	-0.33
08/26/2021	18:13:45	78801.64	394747.75	39.92	Soil	12,780	0.89
08/26/2021	18:13:46	78801.56	394748.15	39.95	Soil	11,940	0.30
08/26/2021	18:13:47	78801.51	394748.50	39.96	Soil	11,340	-0.12
08/26/2021	18:13:48	78801.55	394748.92	39.95	Soil	11,460	-0.04
08/26/2021	18:13:49	78801.41	394749.30	39.96	Soil	12,000	0.34
08/26/2021	18:13:50	78801.45	394749.70	39.98	Soil	13,140	1.14
08/26/2021	18:13:51	78801.49	394750.07	40.05	Soil	9,300	-1.55
08/26/2021	18:13:52	78801.52	394750.53	40.03	Soil	11,220	-0.20
08/26/2021	18:13:53	78801.29	394750.95	40.00	Soil	12,180	0.47
08/26/2021	18:13:54	78801.26	394751.35	40.03	Soil	11,700	0.13
08/26/2021	18:13:55	78801.23	394751.75	39.96	Soil	12,000	0.34
08/26/2021	18:13:56	78801.44	394752.20	39.94	Soil	11,940	0.30
08/26/2021	18:13:57	78801.58	394752.61	39.94	Soil	13,320	1.27
08/26/2021	18:13:58	78801.75	394753.10	39.90	Soil	10,500	-0.71
08/26/2021	18:13:59	78801.74	394753.75	39.93	Soil	12,120	0.43
08/26/2021	18:14:00	78801.43	394753.96	39.99	Soil	11,640	0.09
08/26/2021	18:14:01	78801.17	394753.88	40.02	Soil	11,160	-0.25
08/26/2021	18:14:02	78801.03	394753.92	39.98	Soil	11,520	0.01
08/26/2021	18:14:03	78800.99	394753.84	40.02	Soil	12,360	0.60
08/26/2021	18:14:04	78801.00	394753.85	40.00	Soil	10,980	-0.37
08/26/2021	18:14:05	78801.12	394753.77	40.00	Soil	12,300	0.55
08/26/2021	18:14:06	78801.05	394753.56	39.97	Soil	12,240	0.51

SU 7D GWS RESULTS
(SOIL)

08/26/2021	18:14:07	78801.10	394753.32	39.98	Soil	10,980	-0.37
08/26/2021	18:14:08	78801.07	394753.03	39.98	Soil	12,120	0.43
08/26/2021	18:14:09	78801.08	394752.67	39.99	Soil	13,380	1.31
08/26/2021	18:14:10	78801.07	394752.29	40.00	Soil	11,220	-0.20
08/26/2021	18:14:11	78801.08	394751.98	40.02	Soil	12,060	0.39
08/26/2021	18:14:12	78800.98	394751.67	40.05	Soil	11,040	-0.33
08/26/2021	18:14:13	78801.12	394751.37	40.16	Soil	11,940	0.30
08/26/2021	18:14:14	78801.08	394751.09	40.20	Soil	12,600	0.76
08/26/2021	18:14:15	78801.13	394750.88	40.24	Soil	11,880	0.26
08/26/2021	18:14:16	78801.07	394750.60	40.22	Soil	11,040	-0.33
08/26/2021	18:14:17	78801.11	394750.30	40.21	Soil	11,820	0.22
08/26/2021	18:14:18	78801.24	394750.00	40.16	Soil	10,740	-0.54
08/26/2021	18:14:19	78801.19	394749.67	40.12	Soil	11,520	0.01
08/26/2021	18:14:20	78801.31	394749.21	40.10	Soil	12,600	0.76
08/26/2021	18:14:21	78801.30	394748.84	40.03	Soil	11,340	-0.12
08/26/2021	18:14:22	78801.34	394748.50	40.01	Soil	10,140	-0.96
08/26/2021	18:14:23	78801.31	394748.13	40.03	Soil	12,600	0.76
08/26/2021	18:14:24	78801.39	394747.83	40.04	Soil	12,240	0.51
08/26/2021	18:14:25	78801.37	394747.55	40.03	Soil	10,620	-0.62
08/26/2021	18:14:26	78801.47	394747.25	40.05	Soil	11,160	-0.25
08/26/2021	18:14:27	78801.44	394746.95	40.04	Soil	10,080	-1.00
08/26/2021	18:14:28	78801.53	394746.67	40.03	Soil	12,240	0.51
08/26/2021	18:14:29	78801.51	394746.41	40.02	Soil	12,240	0.51
08/26/2021	18:14:30	78801.52	394746.10	40.04	Soil	11,460	-0.04
08/26/2021	18:14:31	78801.54	394745.78	40.02	Soil	11,220	-0.20
08/26/2021	18:14:32	78801.51	394745.44	40.01	Soil	11,760	0.18
08/26/2021	18:14:33	78801.54	394745.04	39.97	Soil	11,280	-0.16
08/26/2021	18:14:34	78801.43	394744.63	39.99	Soil	11,700	0.13
08/26/2021	18:14:35	78801.60	394744.23	40.01	Soil	12,240	0.51
08/26/2021	18:14:36	78801.71	394743.83	40.04	Soil	11,340	-0.12
08/26/2021	18:14:37	78801.78	394743.50	39.97	Soil	13,320	1.27
08/26/2021	18:14:38	78801.71	394743.09	39.95	Soil	12,060	0.39
08/26/2021	18:14:39	78801.74	394742.70	39.96	Soil	12,780	0.89
08/26/2021	18:14:40	78801.74	394742.39	39.97	Soil	11,820	0.22
08/26/2021	18:14:41	78801.74	394742.07	39.95	Soil	11,460	-0.04
08/26/2021	18:14:42	78801.80	394741.74	39.98	Soil	12,240	0.51
08/26/2021	18:14:43	78801.81	394741.41	39.96	Soil	11,760	0.18
08/26/2021	18:14:44	78801.91	394741.07	39.99	Soil	12,360	0.60
08/26/2021	18:14:45	78801.90	394740.70	40.00	Soil	13,200	1.19
08/26/2021	18:14:46	78801.99	394740.34	40.01	Soil	9,840	-1.17
08/26/2021	18:14:47	78801.99	394739.98	40.01	Soil	11,880	0.26
08/26/2021	18:14:48	78802.07	394739.65	40.02	Soil	12,540	0.72
08/26/2021	18:14:49	78802.11	394739.51	40.03	Soil	10,380	-0.79
08/26/2021	18:14:50	78801.95	394739.33	40.04	Soil	10,980	-0.37
08/26/2021	18:14:51	78801.98	394739.14	40.01	Soil	9,060	-1.72
08/26/2021	18:14:52	78801.88	394738.77	40.03	Soil	11,040	-0.33
08/26/2021	18:14:53	78801.74	394738.63	40.03	Soil	10,920	-0.41
08/26/2021	18:14:54	78801.70	394738.59	40.02	Soil	10,440	-0.75
08/26/2021	18:14:55	78801.79	394738.70	40.00	Soil	11,220	-0.20
08/26/2021	18:14:56	78801.69	394738.90	39.99	Soil	10,740	-0.54
08/26/2021	18:14:57	78801.69	394739.16	39.98	Soil	12,180	0.47

SU 7D GWS RESULTS
(SOIL)

08/26/2021	18:14:58	78801.58	394739.50	39.94	Soil	10,740	-0.54
08/26/2021	18:14:59	78801.60	394739.86	39.97	Soil	11,100	-0.29
08/26/2021	18:15:00	78801.63	394740.16	39.97	Soil	11,520	0.01
08/26/2021	18:15:01	78801.55	394740.52	39.99	Soil	12,660	0.81
08/26/2021	18:15:02	78801.42	394740.87	39.97	Soil	11,880	0.26
08/26/2021	18:15:03	78801.43	394741.30	39.95	Soil	11,160	-0.25
08/26/2021	18:15:04	78801.47	394741.70	39.94	Soil	11,340	-0.12
08/26/2021	18:15:05	78801.46	394742.09	39.96	Soil	12,780	0.89
08/26/2021	18:15:06	78801.48	394742.52	39.96	Soil	12,840	0.93
08/26/2021	18:15:07	78801.37	394742.83	39.99	Soil	10,800	-0.50
08/26/2021	18:15:08	78801.31	394743.22	40.01	Soil	13,020	1.06
08/26/2021	18:15:09	78801.21	394743.59	40.04	Soil	9,420	-1.47
08/26/2021	18:15:10	78801.23	394743.98	40.02	Soil	11,940	0.30
08/26/2021	18:15:11	78801.13	394744.30	40.06	Soil	11,640	0.09
08/26/2021	18:15:12	78801.10	394744.68	40.09	Soil	12,240	0.51
08/26/2021	18:15:13	78801.01	394745.05	40.15	Soil	12,420	0.64
08/26/2021	18:15:14	78801.02	394745.44	40.19	Soil	10,980	-0.37
08/26/2021	18:15:15	78800.89	394745.69	40.24	Soil	11,280	-0.16
08/26/2021	18:15:16	78800.84	394745.99	40.26	Soil	11,820	0.22
08/26/2021	18:15:17	78800.72	394746.36	40.28	Soil	12,120	0.43
08/26/2021	18:15:18	78800.76	394746.70	40.23	Soil	12,000	0.34
08/26/2021	18:15:19	78800.66	394747.01	40.27	Soil	12,420	0.64
08/26/2021	18:15:20	78800.64	394747.32	40.30	Soil	10,080	-1.00
08/26/2021	18:15:21	78800.57	394747.57	40.31	Soil	11,880	0.26
08/26/2021	18:15:22	78800.65	394747.82	40.26	Soil	11,940	0.30
08/26/2021	18:15:23	78800.61	394748.13	40.27	Soil	13,200	1.19
08/26/2021	18:15:24	78800.64	394748.43	40.29	Soil	10,980	-0.37
08/26/2021	18:15:25	78800.61	394748.75	40.26	Soil	10,200	-0.92
08/26/2021	18:15:26	78800.79	394749.07	40.25	Soil	12,180	0.47
08/26/2021	18:15:27	78800.78	394749.44	40.27	Soil	10,620	-0.62
08/26/2021	18:15:28	78800.73	394749.83	40.29	Soil	10,500	-0.71
08/26/2021	18:15:29	78800.67	394750.13	40.24	Soil	10,620	-0.62
08/26/2021	18:15:30	78800.50	394750.49	40.18	Soil	11,520	0.01
08/26/2021	18:15:31	78800.46	394750.85	40.12	Soil	10,980	-0.37
08/26/2021	18:15:32	78800.46	394751.26	40.13	Soil	10,500	-0.71
08/26/2021	18:15:33	78800.55	394751.65	40.08	Soil	10,680	-0.58
08/26/2021	18:15:34	78800.49	394752.11	40.09	Soil	11,040	-0.33
08/26/2021	18:15:35	78800.61	394752.50	40.07	Soil	11,400	-0.08
08/26/2021	18:15:36	78800.68	394752.75	40.07	Soil	10,200	-0.92
08/26/2021	18:15:37	78800.57	394752.97	40.09	Soil	10,620	-0.62
08/26/2021	18:15:38	78800.47	394753.41	40.09	Soil	11,160	-0.25
08/26/2021	18:15:39	78800.37	394753.64	40.10	Soil	10,980	-0.37
08/26/2021	18:15:40	78800.45	394753.54	40.11	Soil	10,800	-0.50
08/26/2021	18:15:41	78800.33	394753.37	40.10	Soil	13,140	1.14
08/26/2021	18:15:42	78800.36	394753.11	40.10	Soil	11,460	-0.04
08/26/2021	18:15:43	78800.33	394752.85	40.10	Soil	10,380	-0.79
08/26/2021	18:15:44	78800.34	394752.57	40.12	Soil	14,160	1.86
08/26/2021	18:15:45	78800.27	394752.30	40.14	Soil	11,640	0.09
08/26/2021	18:15:46	78800.29	394752.06	40.14	Soil	11,880	0.26
08/26/2021	18:15:47	78800.28	394751.79	40.16	Soil	11,880	0.26
08/26/2021	18:15:48	78800.31	394751.55	40.15	Soil	11,520	0.01

SU 7D GWS RESULTS
(SOIL)

08/26/2021	18:15:49	78800.32	394751.28	40.18	Soil	13,920	1.69
08/26/2021	18:15:50	78800.29	394750.98	40.19	Soil	10,980	-0.37
08/26/2021	18:15:51	78800.33	394750.65	40.20	Soil	10,440	-0.75
08/26/2021	18:15:52	78800.31	394750.37	40.20	Soil	12,600	0.76
08/26/2021	18:15:53	78800.31	394750.04	40.22	Soil	9,840	-1.17
08/26/2021	18:15:54	78800.36	394749.72	40.21	Soil	13,680	1.52
08/26/2021	18:15:55	78800.40	394749.39	40.29	Soil	12,900	0.98
08/26/2021	18:15:56	78800.45	394749.13	40.29	Soil	11,520	0.01
08/26/2021	18:15:57	78800.49	394748.86	40.32	Soil	11,940	0.30
08/26/2021	18:15:58	78800.46	394748.56	40.30	Soil	12,240	0.51
08/26/2021	18:15:59	78800.51	394748.26	40.33	Soil	10,560	-0.67
08/26/2021	18:16:00	78800.46	394747.98	40.33	Soil	10,440	-0.75
08/26/2021	18:16:01	78800.50	394747.69	40.31	Soil	11,400	-0.08
08/26/2021	18:16:02	78800.50	394747.31	40.32	Soil	11,340	-0.12
08/26/2021	18:16:03	78800.53	394746.93	40.33	Soil	11,940	0.30
08/26/2021	18:16:04	78800.51	394746.59	40.34	Soil	11,700	0.13
08/26/2021	18:16:05	78800.57	394746.33	40.31	Soil	11,700	0.13
08/26/2021	18:16:06	78800.54	394746.02	40.33	Soil	11,700	0.13
08/26/2021	18:16:07	78800.53	394745.65	40.34	Soil	12,600	0.76
08/26/2021	18:16:08	78800.50	394745.25	40.36	Soil	11,040	-0.33
08/26/2021	18:16:09	78800.51	394744.99	40.37	Soil	11,640	0.09
08/26/2021	18:16:10	78800.43	394744.73	40.36	Soil	11,040	-0.33
08/26/2021	18:16:11	78800.49	394744.43	40.35	Soil	12,720	0.85
08/26/2021	18:16:12	78800.48	394744.14	40.31	Soil	11,760	0.18
08/26/2021	18:16:13	78800.50	394743.73	40.22	Soil	11,460	-0.04
08/26/2021	18:16:14	78800.59	394743.32	40.14	Soil	12,180	0.47
08/26/2021	18:16:15	78800.56	394742.99	40.21	Soil	10,740	-0.54
08/26/2021	18:16:16	78800.64	394742.71	40.20	Soil	11,160	-0.25
08/26/2021	18:16:17	78800.63	394742.47	40.23	Soil	10,680	-0.58
08/26/2021	18:16:18	78800.66	394742.23	40.24	Soil	11,400	-0.08
08/26/2021	18:16:19	78800.65	394741.89	40.26	Soil	11,100	-0.29
08/26/2021	18:16:20	78800.68	394741.59	40.23	Soil	11,700	0.13
08/26/2021	18:16:21	78800.72	394741.34	40.22	Soil	11,700	0.13
08/26/2021	18:16:22	78800.89	394741.11	40.14	Soil	11,460	-0.04
08/26/2021	18:16:23	78801.02	394740.85	40.15	Soil	10,440	-0.75
08/26/2021	18:16:24	78801.09	394740.57	40.15	Soil	13,620	1.48
08/26/2021	18:16:25	78801.21	394740.22	40.14	Soil	12,180	0.47
08/26/2021	18:16:26	78801.23	394739.88	40.13	Soil	11,400	-0.08
08/26/2021	18:16:27	78801.28	394739.34	40.14	Soil	12,240	0.51
08/26/2021	18:16:28	78801.44	394739.10	40.14	Soil	11,820	0.22
08/26/2021	18:16:29	78801.22	394739.14	40.20	Soil	10,740	-0.54
08/26/2021	18:16:30	78801.06	394739.12	40.21	Soil	10,740	-0.54
08/26/2021	18:16:31	78800.99	394738.94	40.22	Soil	9,300	-1.55
08/26/2021	18:16:32	78800.91	394738.96	40.19	Soil	10,680	-0.58
08/26/2021	18:16:33	78800.86	394739.19	40.19	Soil	9,960	-1.09
08/26/2021	18:16:34	78800.85	394739.46	40.16	Soil	11,880	0.26
08/26/2021	18:16:35	78800.68	394739.75	40.25	Soil	12,120	0.43
08/26/2021	18:16:36	78800.61	394740.05	40.25	Soil	12,120	0.43
08/26/2021	18:16:37	78800.52	394740.54	40.27	Soil	11,040	-0.33
08/26/2021	18:16:38	78800.54	394740.99	40.26	Soil	9,720	-1.26
08/26/2021	18:16:39	78800.43	394741.31	40.27	Soil	11,700	0.13

SU 7D GWS RESULTS
(SOIL)

08/26/2021	18:16:40	78800.47	394741.65	40.24	Soil	12,900	0.98
08/26/2021	18:16:41	78800.50	394742.03	40.25	Soil	11,340	-0.12
08/26/2021	18:16:42	78800.51	394742.36	40.16	Soil	11,580	0.05
08/26/2021	18:16:43	78800.46	394742.75	40.17	Soil	11,880	0.26
08/26/2021	18:16:44	78800.48	394743.24	40.22	Soil	10,320	-0.84
08/26/2021	18:16:45	78800.44	394743.46	40.23	Soil	12,300	0.55
08/26/2021	18:16:46	78800.29	394743.48	40.32	Soil	11,220	-0.20
08/26/2021	18:16:47	78800.27	394743.77	40.38	Soil	11,580	0.05
08/26/2021	18:16:48	78800.21	394744.13	40.41	Soil	11,520	0.01
08/26/2021	18:16:49	78800.28	394744.46	40.41	Soil	12,300	0.55
08/26/2021	18:16:50	78800.22	394744.81	40.40	Soil	12,300	0.55
08/26/2021	18:16:51	78800.21	394745.13	40.32	Soil	11,820	0.22
08/26/2021	18:16:52	78800.12	394745.50	40.40	Soil	11,520	0.01
08/26/2021	18:16:53	78800.10	394745.86	40.39	Soil	11,700	0.13
08/26/2021	18:16:54	78800.04	394746.24	40.41	Soil	12,240	0.51
08/26/2021	18:16:55	78800.01	394746.55	40.36	Soil	11,400	-0.08
08/26/2021	18:16:56	78799.95	394746.87	40.37	Soil	10,980	-0.37
08/26/2021	18:16:57	78799.93	394747.21	40.35	Soil	10,500	-0.71
08/26/2021	18:16:58	78799.86	394747.58	40.35	Soil	12,780	0.89
08/26/2021	18:16:59	78799.91	394747.89	40.31	Soil	12,240	0.51
08/26/2021	18:17:00	78799.96	394748.24	40.31	Soil	10,500	-0.71
08/26/2021	18:17:01	78799.96	394748.56	40.29	Soil	12,900	0.98
08/26/2021	18:17:02	78799.93	394748.90	40.25	Soil	10,980	-0.37
08/26/2021	18:17:03	78799.86	394749.26	40.23	Soil	12,060	0.39
08/26/2021	18:17:04	78799.88	394749.59	40.19	Soil	11,160	-0.25
08/26/2021	18:17:05	78799.83	394749.91	40.17	Soil	9,840	-1.17
08/26/2021	18:17:06	78799.85	394750.24	40.13	Soil	11,880	0.26
08/26/2021	18:17:07	78799.81	394750.59	40.15	Soil	11,160	-0.25
08/26/2021	18:17:08	78799.81	394750.92	40.11	Soil	11,340	-0.12
08/26/2021	18:17:09	78799.78	394751.26	40.12	Soil	11,520	0.01
08/26/2021	18:17:10	78799.77	394751.59	40.11	Soil	12,480	0.68
08/26/2021	18:17:11	78799.81	394751.94	40.11	Soil	12,000	0.34
08/26/2021	18:17:12	78799.76	394752.34	40.13	Soil	11,340	-0.12
08/26/2021	18:17:13	78799.77	394752.69	40.07	Soil	10,380	-0.79
08/26/2021	18:17:14	78799.79	394753.26	40.07	Soil	13,080	1.10
08/26/2021	18:17:15	78799.89	394753.87	40.06	Soil	12,360	0.60
08/26/2021	18:17:16	78799.86	394754.11	40.09	Soil	11,220	-0.20
08/26/2021	18:17:17	78799.49	394754.01	40.11	Soil	11,160	-0.25
08/26/2021	18:17:18	78799.32	394753.96	40.09	Soil	12,060	0.39
08/26/2021	18:17:19	78799.49	394753.86	40.11	Soil	12,480	0.68
08/26/2021	18:17:20	78799.49	394753.59	40.14	Soil	12,360	0.60
08/26/2021	18:17:21	78799.48	394753.26	40.13	Soil	13,080	1.10
08/26/2021	18:17:22	78799.58	394752.95	40.16	Soil	13,860	1.65
08/26/2021	18:17:23	78799.54	394752.72	40.15	Soil	12,060	0.39
08/26/2021	18:17:24	78799.55	394752.45	40.16	Soil	11,940	0.30
08/26/2021	18:17:25	78799.51	394752.18	40.16	Soil	12,180	0.47
08/26/2021	18:17:26	78799.54	394751.91	40.15	Soil	12,360	0.60
08/26/2021	18:17:27	78799.51	394751.58	40.16	Soil	11,340	-0.12
08/26/2021	18:17:28	78799.54	394751.27	40.17	Soil	12,060	0.39
08/26/2021	18:17:29	78799.53	394750.94	40.19	Soil	10,380	-0.79
08/26/2021	18:17:30	78799.54	394750.64	40.18	Soil	10,860	-0.46

SU 7D GWS RESULTS
(SOIL)

08/26/2021	18:17:31	78799.54	394750.31	40.24	Soil	12,720	0.85
08/26/2021	18:17:32	78799.54	394750.02	40.23	Soil	12,240	0.51
08/26/2021	18:17:33	78799.56	394749.73	40.27	Soil	10,800	-0.50
08/26/2021	18:17:34	78799.54	394749.44	40.26	Soil	13,080	1.10
08/26/2021	18:17:35	78799.61	394749.17	40.31	Soil	12,600	0.76
08/26/2021	18:17:36	78799.62	394748.88	40.31	Soil	12,300	0.55
08/26/2021	18:17:37	78799.68	394748.63	40.34	Soil	12,240	0.51
08/26/2021	18:17:38	78799.69	394748.38	40.36	Soil	11,460	-0.04
08/26/2021	18:17:39	78799.73	394748.13	40.36	Soil	11,160	-0.25
08/26/2021	18:17:40	78799.72	394747.81	40.38	Soil	13,380	1.31
08/26/2021	18:17:41	78799.78	394747.48	40.36	Soil	12,300	0.55
08/26/2021	18:17:42	78799.77	394747.13	40.38	Soil	11,940	0.30
08/26/2021	18:17:43	78799.74	394746.80	40.40	Soil	12,660	0.81
08/26/2021	18:17:44	78799.77	394746.48	40.40	Soil	11,520	0.01
08/26/2021	18:17:45	78799.75	394746.15	40.40	Soil	13,560	1.44
08/26/2021	18:17:46	78799.77	394745.84	40.40	Soil	12,480	0.68
08/26/2021	18:17:47	78799.73	394745.56	40.42	Soil	11,100	-0.29
08/26/2021	18:17:48	78799.75	394745.22	40.43	Soil	11,880	0.26
08/26/2021	18:17:49	78799.69	394744.90	40.44	Soil	11,820	0.22
08/26/2021	18:17:50	78799.72	394744.55	40.40	Soil	9,960	-1.09
08/26/2021	18:17:51	78799.74	394744.22	40.42	Soil	11,280	-0.16
08/26/2021	18:17:52	78799.79	394743.88	40.42	Soil	13,320	1.27
08/26/2021	18:17:53	78799.83	394743.54	40.42	Soil	11,820	0.22
08/26/2021	18:17:54	78799.87	394743.22	40.40	Soil	12,960	1.02
08/26/2021	18:17:55	78799.82	394742.89	40.39	Soil	11,160	-0.25
08/26/2021	18:17:56	78799.83	394742.58	40.36	Soil	10,740	-0.54
08/26/2021	18:17:57	78799.83	394742.21	40.35	Soil	11,880	0.26
08/26/2021	18:17:58	78799.79	394741.86	40.34	Soil	11,520	0.01
08/26/2021	18:17:59	78799.90	394741.56	40.33	Soil	12,240	0.51
08/26/2021	18:18:00	78799.92	394741.25	40.35	Soil	11,400	-0.08
08/26/2021	18:18:01	78799.94	394740.88	40.30	Soil	9,960	-1.09
08/26/2021	18:18:02	78799.89	394740.47	40.29	Soil	10,260	-0.88
08/26/2021	18:18:03	78799.88	394740.02	40.29	Soil	11,580	0.05
08/26/2021	18:18:04	78799.75	394739.55	40.25	Soil	9,780	-1.21
08/26/2021	18:18:05	78799.67	394739.09	40.25	Soil	12,000	0.34
08/26/2021	18:18:06	78799.63	394739.04	40.25	Soil	11,160	-0.25
08/26/2021	18:18:07	78799.38	394739.35	40.06	Soil	9,840	-1.17
08/26/2021	18:18:08	78799.22	394739.52	40.00	Soil	11,580	0.05
08/26/2021	18:18:09	78799.35	394739.41	40.25	Soil	10,560	-0.67
08/26/2021	18:18:10	78799.57	394739.42	40.31	Soil	11,820	0.22
08/26/2021	18:18:11	78799.52	394739.62	40.26	Soil	10,920	-0.41
08/26/2021	18:18:12	78799.51	394739.97	40.30	Soil	10,200	-0.92
08/26/2021	18:18:13	78799.49	394740.35	40.30	Soil	10,020	-1.05
08/26/2021	18:18:14	78799.49	394740.62	40.34	Soil	10,620	-0.62
08/26/2021	18:18:15	78799.41	394740.91	40.37	Soil	10,860	-0.46
08/26/2021	18:18:16	78799.36	394741.22	40.42	Soil	10,080	-1.00
08/26/2021	18:18:17	78799.36	394741.48	40.43	Soil	10,500	-0.71
08/26/2021	18:18:18	78799.26	394741.70	40.48	Soil	10,680	-0.58
08/26/2021	18:18:19	78799.16	394741.92	40.49	Soil	11,640	0.09
08/26/2021	18:18:20	78799.06	394742.13	40.56	Soil	11,400	-0.08
08/26/2021	18:18:21	78799.02	394742.32	40.52	Soil	11,160	-0.25

SU 7D GWS RESULTS
(SOIL)

08/26/2021	18:18:22	78799.02	394742.50	40.55	Soil	12,000	0.34
08/26/2021	18:18:23	78799.00	394742.63	40.54	Soil	11,040	-0.33
08/26/2021	18:18:24	78799.08	394742.74	40.54	Soil	10,860	-0.46
08/26/2021	18:18:25	78799.06	394742.85	40.58	Soil	10,140	-0.96
08/26/2021	18:18:26	78799.01	394742.99	40.57	Soil	10,260	-0.88
08/26/2021	18:18:27	78799.03	394743.09	40.52	Soil	11,880	0.26
08/26/2021	18:18:28	78798.94	394743.20	40.51	Soil	10,560	-0.67
08/26/2021	18:18:29	78798.84	394743.31	40.52	Soil	11,280	-0.16
08/26/2021	18:18:30	78798.81	394743.37	40.51	Soil	12,060	0.39
08/26/2021	18:18:31	78798.82	394743.40	40.52	Soil	10,440	-0.75
08/26/2021	18:18:32	78798.82	394743.40	40.51	Soil	11,400	-0.08
08/26/2021	18:18:33	78798.84	394743.40	40.52	Soil	11,760	0.18
08/26/2021	18:18:34	78798.85	394743.39	40.51	Soil	12,480	0.68
08/26/2021	18:18:35	78798.83	394743.38	40.51	Soil	10,200	-0.92
08/26/2021	18:18:36	78798.82	394743.37	40.51	Soil	11,520	0.01
08/26/2021	18:18:37	78798.82	394743.38	40.52	Soil	11,460	-0.04
08/26/2021	18:18:38	78798.84	394743.38	40.54	Soil	11,700	0.13
08/26/2021	18:18:39	78798.85	394743.37	40.54	Soil	11,460	-0.04
08/26/2021	18:18:40	78798.85	394743.37	40.55	Soil	11,280	-0.16
08/26/2021	18:18:41	78798.85	394743.37	40.55	Soil	11,220	-0.20
08/26/2021	18:18:42	78798.86	394743.38	40.56	Soil	11,700	0.13
08/26/2021	18:18:43	78798.86	394743.39	40.56	Soil	10,920	-0.41
08/26/2021	18:18:44	78798.88	394743.44	40.59	Soil	11,100	-0.29
08/26/2021	18:18:45	78799.05	394743.63	40.53	Soil	10,260	-0.88
08/26/2021	18:18:46	78798.98	394743.90	40.52	Soil	12,060	0.39
08/26/2021	18:18:47	78798.93	394744.17	40.53	Soil	11,880	0.26
08/26/2021	18:18:48	78798.97	394744.43	40.49	Soil	11,220	-0.20
08/26/2021	18:18:49	78798.98	394744.77	40.49	Soil	11,580	0.05
08/26/2021	18:18:50	78799.08	394745.08	40.47	Soil	12,780	0.89
08/26/2021	18:18:51	78799.12	394745.41	40.45	Soil	10,560	-0.67
08/26/2021	18:18:52	78799.23	394745.74	40.42	Soil	10,980	-0.37
08/26/2021	18:18:53	78799.21	394746.06	40.44	Soil	12,480	0.68
08/26/2021	18:18:54	78799.24	394746.31	40.42	Soil	9,660	-1.30
08/26/2021	18:18:55	78799.27	394746.57	40.41	Soil	11,820	0.22
08/26/2021	18:18:56	78799.26	394746.90	40.41	Soil	10,620	-0.62
08/26/2021	18:18:57	78799.34	394747.19	40.41	Soil	10,680	-0.58
08/26/2021	18:18:58	78799.30	394747.47	40.39	Soil	11,220	-0.20
08/26/2021	18:18:59	78799.29	394747.75	40.36	Soil	11,460	-0.04
08/26/2021	18:19:00	78799.22	394748.00	40.28	Soil	11,100	-0.29
08/26/2021	18:19:01	78799.16	394748.36	40.30	Soil	13,020	1.06
08/26/2021	18:19:02	78799.19	394748.68	40.25	Soil	12,600	0.76
08/26/2021	18:19:03	78799.16	394748.98	40.25	Soil	12,180	0.47
08/26/2021	18:19:04	78799.19	394749.27	40.22	Soil	11,880	0.26
08/26/2021	18:19:05	78799.16	394749.56	40.22	Soil	12,540	0.72
08/26/2021	18:19:06	78799.17	394749.88	40.18	Soil	12,420	0.64
08/26/2021	18:19:07	78799.08	394750.19	40.19	Soil	10,080	-1.00
08/26/2021	18:19:08	78799.12	394750.50	40.17	Soil	12,600	0.76
08/26/2021	18:19:09	78799.11	394750.82	40.17	Soil	10,740	-0.54
08/26/2021	18:19:10	78799.08	394751.16	40.19	Soil	11,220	-0.20
08/26/2021	18:19:11	78799.09	394751.41	40.15	Soil	11,640	0.09
08/26/2021	18:19:12	78799.08	394751.63	40.17	Soil	12,060	0.39

SU 7D GWS RESULTS
(SOIL)

08/26/2021	18:19:13	78799.06	394751.85	40.13	Soil	10,920	-0.41
08/26/2021	18:19:14	78798.95	394752.11	40.13	Soil	10,320	-0.84
08/26/2021	18:19:15	78798.98	394752.37	40.11	Soil	11,280	-0.16
08/26/2021	18:19:16	78798.98	394752.66	40.08	Soil	11,880	0.26
08/26/2021	18:19:17	78799.20	394753.07	40.08	Soil	10,620	-0.62
08/26/2021	18:19:18	78799.45	394753.66	40.07	Soil	11,700	0.13
08/26/2021	18:19:19	78799.22	394754.19	40.04	Soil	11,940	0.30
08/26/2021	18:19:20	78798.92	394754.34	40.06	Soil	12,660	0.81
08/26/2021	18:19:21	78798.78	394754.30	40.08	Soil	10,620	-0.62
08/26/2021	18:19:22	78798.67	394754.27	40.09	Soil	11,460	-0.04
08/26/2021	18:19:23	78798.60	394754.27	40.11	Soil	12,600	0.76
08/26/2021	18:19:24	78798.60	394754.26	40.12	Soil	12,360	0.60
08/26/2021	18:19:25	78798.59	394754.26	40.13	Soil	11,220	-0.20
08/26/2021	18:19:26	78798.56	394754.27	40.13	Soil	11,580	0.05
08/26/2021	18:19:27	78798.52	394754.28	40.13	Soil	13,740	1.56
08/26/2021	18:19:28	78798.48	394754.27	40.15	Soil	11,280	-0.16
08/26/2021	18:19:29	78798.46	394754.29	40.13	Soil	12,300	0.55
08/26/2021	18:19:30	78798.51	394754.27	40.15	Soil	11,640	0.09
08/26/2021	18:19:31	78798.58	394754.21	40.15	Soil	12,000	0.34
08/26/2021	18:19:32	78798.50	394754.14	40.17	Soil	12,840	0.93
08/26/2021	18:19:33	78798.43	394754.12	40.16	Soil	14,160	1.86
08/26/2021	18:19:34	78798.45	394754.13	40.16	Soil	10,740	-0.54
08/26/2021	18:19:35	78798.52	394754.15	40.15	Soil	11,220	-0.20
08/26/2021	18:19:36	78798.60	394754.15	40.15	Soil	12,060	0.39
08/26/2021	18:19:37	78798.61	394754.13	40.16	Soil	11,820	0.22
08/26/2021	18:19:38	78798.58	394754.12	40.15	Soil	12,780	0.89
08/26/2021	18:19:39	78798.46	394754.07	40.17	Soil	10,560	-0.67
08/26/2021	18:19:40	78798.36	394754.04	40.17	Soil	12,480	0.68
08/26/2021	18:19:41	78798.37	394754.06	40.15	Soil	13,380	1.31
08/26/2021	18:19:42	78798.29	394753.97	40.18	Soil	11,460	-0.04
08/26/2021	18:19:43	78798.30	394753.86	40.21	Soil	12,660	0.81
08/26/2021	18:19:44	78798.45	394753.92	40.19	Soil	13,680	1.52
08/26/2021	18:19:45	78798.52	394754.03	40.18	Soil	12,900	0.98
08/26/2021	18:19:46	78798.51	394754.05	40.17	Soil	12,600	0.76
08/26/2021	18:19:47	78798.51	394754.04	40.18	Soil	13,920	1.69
08/26/2021	18:19:48	78798.51	394754.04	40.17	Soil	11,220	-0.20
08/26/2021	18:19:49	78798.53	394754.04	40.17	Soil	11,460	-0.04
08/26/2021	18:19:50	78798.54	394754.04	40.17	Soil	11,880	0.26
08/26/2021	18:19:51	78798.52	394754.05	40.17	Soil	12,240	0.51
08/26/2021	18:19:52	78798.51	394754.05	40.17	Soil	10,620	-0.62
08/26/2021	18:19:53	78798.51	394754.04	40.17	Soil	12,600	0.76
08/26/2021	18:19:54	78798.52	394754.02	40.18	Soil	11,940	0.30
08/26/2021	18:19:55	78798.50	394754.03	40.17	Soil	12,780	0.89
08/26/2021	18:19:56	78798.48	394754.02	40.18	Soil	11,820	0.22
08/26/2021	18:19:57	78798.47	394754.01	40.18	Soil	10,680	-0.58
08/26/2021	18:19:58	78798.51	394754.03	40.17	Soil	12,480	0.68
08/26/2021	18:19:59	78798.52	394754.03	40.18	Soil	12,000	0.34
08/26/2021	18:20:00	78798.49	394754.01	40.18	Soil	10,440	-0.75
08/26/2021	18:20:01	78798.48	394753.95	40.19	Soil	12,360	0.60
08/26/2021	18:20:02	78798.49	394753.95	40.18	Soil	13,140	1.14
08/26/2021	18:20:03	78798.53	394753.99	40.16	Soil	12,720	0.85

SU 7D GWS RESULTS
(SOIL)

08/26/2021	18:20:04	78798.56	394754.01	40.16	Soil	12,720	0.85
08/26/2021	18:20:05	78798.54	394754.01	40.16	Soil	12,240	0.51
08/26/2021	18:20:06	78798.51	394754.00	40.16	Soil	12,180	0.47
08/26/2021	18:20:07	78798.49	394753.98	40.17	Soil	10,740	-0.54
08/26/2021	18:20:08	78798.47	394753.98	40.17	Soil	12,300	0.55
08/26/2021	18:20:09	78798.39	394753.97	40.17	Soil	11,160	-0.25
08/26/2021	18:20:10	78798.32	394753.93	40.19	Soil	11,640	0.09
08/26/2021	18:20:11	78798.32	394753.94	40.18	Soil	12,360	0.60
08/26/2021	18:20:12	78798.35	394753.97	40.17	Soil	10,860	-0.46
08/26/2021	18:20:13	78798.40	394753.98	40.17	Soil	12,120	0.43
08/26/2021	18:20:14	78798.46	394753.99	40.18	Soil	13,020	1.06
08/26/2021	18:20:15	78798.51	394754.00	40.17	Soil	11,520	0.01
08/26/2021	18:20:16	78798.54	394753.97	40.18	Soil	12,120	0.43
08/26/2021	18:20:17	78798.54	394753.94	40.19	Soil	14,340	1.99
08/26/2021	18:20:18	78798.55	394753.95	40.19	Soil	12,720	0.85
08/26/2021	18:20:19	78798.60	394753.95	40.20	Soil	13,080	1.10
08/26/2021	18:20:20	78798.64	394753.97	40.18	Soil	12,000	0.34
08/26/2021	18:20:21	78798.64	394753.98	40.19	Soil	11,340	-0.12
08/26/2021	18:20:22	78798.62	394753.99	40.18	Soil	11,520	0.01
08/26/2021	18:20:23	78798.58	394754.01	40.18	Soil	12,300	0.55
08/26/2021	18:20:24	78798.54	394753.99	40.19	Soil	13,200	1.19
08/26/2021	18:20:25	78798.53	394753.98	40.18	Soil	13,140	1.14
08/26/2021	18:20:26	78798.53	394753.99	40.18	Soil	13,020	1.06
08/26/2021	18:20:27	78798.48	394753.95	40.19	Soil	10,740	-0.54
08/26/2021	18:20:28	78798.36	394753.86	40.21	Soil	12,540	0.72
08/26/2021	18:20:29	78798.23	394753.78	40.20	Soil	12,960	1.02
08/26/2021	18:20:30	78798.39	394753.88	40.19	Soil	12,480	0.68
08/26/2021	18:20:31	78798.56	394753.97	40.18	Soil	10,920	-0.41
08/26/2021	18:20:32	78798.53	394753.97	40.19	Soil	12,300	0.55
08/26/2021	18:20:33	78798.48	394753.93	40.22	Soil	10,200	-0.92
08/26/2021	18:20:34	78798.42	394753.91	40.25	Soil	12,240	0.51
08/26/2021	18:20:35	78798.43	394753.93	40.24	Soil	11,040	-0.33
08/26/2021	18:20:36	78798.51	394753.96	40.23	Soil	12,120	0.43
08/26/2021	18:20:37	78798.50	394753.96	40.23	Soil	10,740	-0.54
08/26/2021	18:20:38	78798.46	394753.96	40.23	Soil	11,880	0.26
08/26/2021	18:20:39	78798.46	394753.95	40.22	Soil	11,580	0.05
08/26/2021	18:20:40	78798.46	394753.94	40.22	Soil	10,140	-0.96
08/26/2021	18:20:41	78798.45	394753.93	40.21	Soil	11,340	-0.12
08/26/2021	18:20:42	78798.44	394753.92	40.20	Soil	12,900	0.98
08/26/2021	18:20:43	78798.43	394753.92	40.20	Soil	11,880	0.26
08/26/2021	18:20:44	78798.43	394753.92	40.19	Soil	12,240	0.51
08/26/2021	18:20:45	78798.51	394753.91	40.19	Soil	10,560	-0.67
08/26/2021	18:20:46	78798.43	394753.91	40.16	Soil	12,420	0.64
08/26/2021	18:20:47	78798.29	394753.95	40.12	Soil	11,100	-0.29
08/26/2021	18:20:48	78798.31	394753.93	40.18	Soil	12,300	0.55
08/26/2021	18:20:49	78798.34	394753.88	40.18	Soil	10,740	-0.54
08/26/2021	18:20:50	78798.34	394753.91	40.16	Soil	11,460	-0.04
08/26/2021	18:20:51	78798.39	394753.95	40.14	Soil	10,680	-0.58
08/26/2021	18:20:52	78798.43	394753.93	40.17	Soil	11,160	-0.25
08/26/2021	18:20:53	78798.41	394753.92	40.16	Soil	12,900	0.98
08/26/2021	18:20:54	78798.29	394753.90	40.17	Soil	12,540	0.72

SU 7D GWS RESULTS
(SOIL)

08/26/2021	18:20:55	78798.24	394753.90	40.17	Soil	11,880	0.26
08/26/2021	18:20:56	78798.29	394753.91	40.17	Soil	11,640	0.09
08/26/2021	18:20:57	78798.32	394753.85	40.21	Soil	11,880	0.26
08/26/2021	18:20:58	78798.35	394753.81	40.22	Soil	10,560	-0.67
08/26/2021	18:20:59	78798.45	394753.69	40.23	Soil	9,600	-1.34
08/26/2021	18:21:00	78798.48	394753.67	40.22	Soil	13,020	1.06
08/26/2021	18:21:01	78798.53	394753.70	40.22	Soil	11,760	0.18
08/26/2021	18:21:02	78798.43	394753.60	40.20	Soil	10,260	-0.88
08/26/2021	18:21:03	78798.27	394753.44	40.12	Soil	10,980	-0.37
08/26/2021	18:21:04	78798.42	394753.46	40.15	Soil	13,620	1.48
08/26/2021	18:21:05	78798.48	394753.44	40.16	Soil	14,040	1.78
08/26/2021	18:21:06	78798.52	394753.12	40.19	Soil	12,420	0.64
08/26/2021	18:21:07	78798.52	394752.73	40.23	Soil	13,200	1.19
08/26/2021	18:21:08	78798.55	394752.35	40.22	Soil	11,640	0.09
08/26/2021	18:21:09	78798.62	394751.92	40.29	Soil	12,540	0.72
08/26/2021	18:21:10	78798.58	394751.52	40.29	Soil	12,180	0.47
08/26/2021	18:21:11	78798.62	394751.20	40.27	Soil	10,860	-0.46
08/26/2021	18:21:12	78798.60	394750.87	40.27	Soil	12,000	0.34
08/26/2021	18:21:13	78798.63	394750.53	40.26	Soil	13,080	1.10
08/26/2021	18:21:14	78798.62	394750.17	40.27	Soil	12,540	0.72
08/26/2021	18:21:15	78798.67	394749.76	40.28	Soil	11,940	0.30
08/26/2021	18:21:16	78798.68	394749.38	40.32	Soil	11,220	-0.20
08/26/2021	18:21:17	78798.71	394749.06	40.34	Soil	10,860	-0.46
08/26/2021	18:21:18	78798.73	394748.72	40.39	Soil	10,920	-0.41
08/26/2021	18:21:19	78798.76	394748.37	40.41	Soil	10,920	-0.41
08/26/2021	18:21:20	78798.76	394748.01	40.46	Soil	13,080	1.10
08/26/2021	18:21:21	78798.76	394747.66	40.46	Soil	11,040	-0.33
08/26/2021	18:21:22	78798.79	394747.33	40.51	Soil	11,280	-0.16
08/26/2021	18:21:23	78798.78	394746.97	40.51	Soil	12,000	0.34
08/26/2021	18:21:24	78798.73	394746.61	40.53	Soil	12,420	0.64
08/26/2021	18:21:25	78798.68	394746.23	40.52	Soil	10,860	-0.46
08/26/2021	18:21:26	78798.72	394745.89	40.55	Soil	12,480	0.68
08/26/2021	18:21:27	78798.70	394745.58	40.53	Soil	11,760	0.18
08/26/2021	18:21:28	78798.72	394745.25	40.54	Soil	10,980	-0.37
08/26/2021	18:21:29	78798.74	394744.91	40.56	Soil	9,900	-1.13
08/26/2021	18:21:30	78798.76	394744.59	40.57	Soil	10,080	-1.00
08/26/2021	18:21:31	78798.73	394744.24	40.58	Soil	9,600	-1.34
08/26/2021	18:21:32	78798.76	394743.93	40.60	Soil	11,760	0.18
08/26/2021	18:21:33	78798.80	394743.67	40.62	Soil	10,380	-0.79
08/26/2021	18:21:34	78798.82	394743.37	40.59	Soil	11,700	0.13
08/26/2021	18:21:35	78798.82	394743.02	40.60	Soil	12,780	0.89
08/26/2021	18:21:36	78798.86	394742.65	40.60	Soil	11,340	-0.12
08/26/2021	18:21:37	78798.84	394742.31	40.52	Soil	10,860	-0.46
08/26/2021	18:21:38	78798.91	394741.94	40.46	Soil	11,640	0.09
08/26/2021	18:21:39	78799.01	394741.49	40.45	Soil	11,640	0.09
08/26/2021	18:21:40	78799.10	394741.17	40.36	Soil	13,020	1.06
08/26/2021	18:21:41	78799.08	394740.66	40.34	Soil	12,840	0.93
08/26/2021	18:21:42	78799.21	394740.43	40.42	Soil	10,620	-0.62
08/26/2021	18:21:43	78799.38	394740.62	40.41	Soil	11,580	0.05
08/26/2021	18:21:44	78799.05	394740.91	40.42	Soil	10,080	-1.00
08/26/2021	18:21:45	78798.70	394741.72	40.53	Soil	10,140	-0.96

SU 7D GWS RESULTS
(SOIL)

08/26/2021	18:21:46	78798.29	394742.60	40.45	Soil	10,620	-0.62
08/26/2021	18:21:47	78798.12	394743.05	40.53	Soil	12,060	0.39
08/26/2021	18:21:48	78798.36	394742.87	40.59	Soil	11,700	0.13
08/26/2021	18:21:49	78798.45	394742.67	40.63	Soil	11,160	-0.25
08/26/2021	18:21:50	78798.46	394742.90	40.66	Soil	10,260	-0.88
08/26/2021	18:21:51	78798.35	394743.27	40.64	Soil	11,760	0.18
08/26/2021	18:21:52	78798.25	394743.65	40.60	Soil	11,160	-0.25
08/26/2021	18:21:53	78798.24	394744.11	40.60	Soil	11,400	-0.08
08/26/2021	18:21:54	78798.13	394744.56	40.64	Soil	10,800	-0.50
08/26/2021	18:21:55	78798.15	394744.92	40.60	Soil	10,980	-0.37
08/26/2021	18:21:56	78798.13	394745.27	40.61	Soil	11,640	0.09
08/26/2021	18:21:57	78798.11	394745.64	40.57	Soil	11,460	-0.04
08/26/2021	18:21:58	78798.05	394746.05	40.59	Soil	13,140	1.14
08/26/2021	18:21:59	78798.05	394746.40	40.56	Soil	11,460	-0.04
08/26/2021	18:22:00	78798.10	394746.76	40.58	Soil	10,680	-0.58
08/26/2021	18:22:01	78798.12	394747.11	40.55	Soil	12,840	0.93
08/26/2021	18:22:02	78798.14	394747.46	40.54	Soil	12,120	0.43
08/26/2021	18:22:03	78798.14	394747.83	40.54	Soil	11,940	0.30
08/26/2021	18:22:04	78798.17	394748.21	40.53	Soil	11,040	-0.33
08/26/2021	18:22:05	78798.10	394748.58	40.50	Soil	10,140	-0.96
08/26/2021	18:22:06	78798.09	394748.90	40.47	Soil	10,800	-0.50
08/26/2021	18:22:07	78798.06	394749.26	40.44	Soil	11,700	0.13
08/26/2021	18:22:08	78798.07	394749.61	40.41	Soil	10,860	-0.46
08/26/2021	18:22:09	78798.02	394749.96	40.41	Soil	11,520	0.01
08/26/2021	18:22:10	78797.98	394750.29	40.44	Soil	13,920	1.69
08/26/2021	18:22:11	78797.99	394750.65	40.41	Soil	10,800	-0.50
08/26/2021	18:22:12	78798.00	394751.04	40.38	Soil	13,320	1.27
08/26/2021	18:22:13	78798.02	394751.44	40.38	Soil	13,800	1.61
08/26/2021	18:22:14	78797.96	394751.80	40.38	Soil	11,880	0.26
08/26/2021	18:22:15	78798.04	394752.16	40.34	Soil	11,700	0.13
08/26/2021	18:22:16	78798.08	394752.66	40.30	Soil	13,500	1.40
08/26/2021	18:22:17	78798.21	394753.33	40.26	Soil	10,500	-0.71
08/26/2021	18:22:18	78798.04	394753.64	40.33	Soil	12,180	0.47
08/26/2021	18:22:19	78797.46	394753.55	40.32	Soil	13,500	1.40
08/26/2021	18:22:20	78797.45	394753.59	40.36	Soil	13,200	1.19
08/26/2021	18:22:21	78797.72	394753.74	40.35	Soil	12,960	1.02
08/26/2021	18:22:22	78797.68	394753.59	40.35	Soil	11,520	0.01
08/26/2021	18:22:23	78797.73	394753.30	40.37	Soil	12,720	0.85
08/26/2021	18:22:24	78797.70	394753.01	40.38	Soil	12,120	0.43
08/26/2021	18:22:25	78797.67	394752.66	40.40	Soil	11,520	0.01
08/26/2021	18:22:26	78797.71	394752.29	40.43	Soil	11,400	-0.08
08/26/2021	18:22:27	78797.77	394751.97	40.45	Soil	11,700	0.13
08/26/2021	18:22:28	78797.82	394751.61	40.48	Soil	12,960	1.02
08/26/2021	18:22:29	78797.83	394751.22	40.50	Soil	10,080	-1.00
08/26/2021	18:22:30	78797.82	394750.80	40.53	Soil	12,900	0.98
08/26/2021	18:22:31	78797.87	394750.40	40.51	Soil	10,140	-0.96
08/26/2021	18:22:32	78797.91	394750.03	40.53	Soil	13,080	1.10
08/26/2021	18:22:33	78797.89	394749.68	40.52	Soil	11,460	-0.04
08/26/2021	18:22:34	78797.92	394749.31	40.55	Soil	12,180	0.47
08/26/2021	18:22:35	78797.84	394748.96	40.56	Soil	12,900	0.98
08/26/2021	18:22:36	78797.82	394748.66	40.58	Soil	11,100	-0.29

SU 7D GWS RESULTS
(SOIL)

08/26/2021	18:22:37	78797.80	394748.33	40.61	Soil	12,240	0.51
08/26/2021	18:22:38	78797.77	394747.98	40.64	Soil	10,860	-0.46
08/26/2021	18:22:39	78797.77	394747.59	40.67	Soil	13,140	1.14
08/26/2021	18:22:40	78797.77	394747.19	40.70	Soil	13,500	1.40
08/26/2021	18:22:41	78797.76	394746.79	40.72	Soil	12,600	0.76
08/26/2021	18:22:42	78797.76	394746.42	40.73	Soil	11,040	-0.33
08/26/2021	18:22:43	78797.75	394746.09	40.74	Soil	10,740	-0.54
08/26/2021	18:22:44	78797.74	394745.81	40.75	Soil	9,180	-1.64
08/26/2021	18:22:45	78797.78	394745.52	40.77	Soil	13,320	1.27
08/26/2021	18:22:46	78797.76	394745.19	40.79	Soil	10,980	-0.37
08/26/2021	18:22:47	78797.81	394744.85	40.81	Soil	11,280	-0.16
08/26/2021	18:22:48	78797.81	394744.58	40.79	Soil	10,140	-0.96
08/26/2021	18:22:49	78797.84	394744.29	40.81	Soil	10,260	-0.88
08/26/2021	18:22:50	78797.90	394743.96	40.80	Soil	9,720	-1.26
08/26/2021	18:22:51	78797.81	394744.05	40.80	Soil	10,020	-1.05
08/26/2021	18:22:52	78797.30	394744.61	40.72	Soil	10,080	-1.00
08/26/2021	18:22:53	78796.66	394745.11	40.63	Soil	11,220	-0.20
08/26/2021	18:22:54	78796.68	394745.04	40.84	Soil	10,200	-0.92
08/26/2021	18:22:55	78796.98	394744.96	40.86	Soil	12,540	0.72
08/26/2021	18:22:56	78796.98	394745.18	40.81	Soil	12,120	0.43
08/26/2021	18:22:57	78796.94	394745.48	40.79	Soil	9,240	-1.59
08/26/2021	18:22:58	78796.97	394745.81	40.79	Soil	10,620	-0.62
08/26/2021	18:22:59	78796.92	394746.13	40.75	Soil	12,840	0.93
08/26/2021	18:23:00	78796.92	394746.43	40.75	Soil	12,300	0.55
08/26/2021	18:23:01	78796.86	394746.65	40.76	Soil	11,340	-0.12
08/26/2021	18:23:02	78796.93	394746.87	40.73	Soil	10,440	-0.75
08/26/2021	18:23:03	78797.00	394747.10	40.73	Soil	12,420	0.64
08/26/2021	18:23:04	78797.07	394747.35	40.71	Soil	12,660	0.81
08/26/2021	18:23:05	78797.12	394747.65	40.69	Soil	12,000	0.34
08/26/2021	18:23:06	78797.15	394747.93	40.66	Soil	10,920	-0.41
08/26/2021	18:23:07	78797.20	394748.19	40.64	Soil	11,220	-0.20
08/26/2021	18:23:08	78797.23	394748.54	40.64	Soil	11,880	0.26
08/26/2021	18:23:09	78797.23	394748.87	40.62	Soil	11,520	0.01
08/26/2021	18:23:10	78797.18	394749.19	40.63	Soil	10,620	-0.62
08/26/2021	18:23:11	78797.14	394749.54	40.60	Soil	13,380	1.31
08/26/2021	18:23:12	78797.05	394749.86	40.58	Soil	10,500	-0.71
08/26/2021	18:23:13	78797.04	394750.17	40.55	Soil	13,560	1.44
08/26/2021	18:23:14	78797.06	394750.51	40.56	Soil	12,420	0.64
08/26/2021	18:23:15	78797.06	394750.84	40.52	Soil	11,460	-0.04
08/26/2021	18:23:16	78797.03	394751.19	40.50	Soil	10,500	-0.71
08/26/2021	18:23:17	78797.06	394751.52	40.47	Soil	13,020	1.06
08/26/2021	18:23:18	78797.14	394751.80	40.44	Soil	11,520	0.01
08/26/2021	18:23:19	78797.11	394752.10	40.42	Soil	11,640	0.09
08/26/2021	18:23:20	78797.19	394752.42	40.39	Soil	11,280	-0.16
08/26/2021	18:23:21	78797.18	394752.76	40.38	Soil	12,840	0.93
08/26/2021	18:23:22	78797.23	394753.15	40.38	Soil	12,300	0.55
08/26/2021	18:23:23	78797.20	394753.43	40.40	Soil	12,720	0.85
08/26/2021	18:23:24	78796.99	394753.69	40.39	Soil	12,480	0.68
08/26/2021	18:23:25	78796.95	394753.84	40.43	Soil	15,060	2.49
08/26/2021	18:23:26	78796.75	394753.73	40.46	Soil	11,940	0.30
08/26/2021	18:23:27	78796.52	394753.71	40.46	Soil	10,380	-0.79

SU 7D GWS RESULTS
(SOIL)

08/26/2021	18:23:28	78796.62	394753.72	40.44	Soil	13,140	1.14
08/26/2021	18:23:29	78796.71	394753.56	40.43	Soil	14,220	1.90
08/26/2021	18:23:30	78796.69	394753.23	40.43	Soil	12,420	0.64
08/26/2021	18:23:31	78796.68	394752.81	40.44	Soil	11,280	-0.16
08/26/2021	18:23:32	78796.67	394752.48	40.44	Soil	12,300	0.55
08/26/2021	18:23:33	78796.69	394752.21	40.46	Soil	12,000	0.34
08/26/2021	18:23:34	78796.59	394751.93	40.48	Soil	12,840	0.93
08/26/2021	18:23:35	78796.55	394751.66	40.49	Soil	13,680	1.52
08/26/2021	18:23:36	78796.53	394751.39	40.50	Soil	9,660	-1.30
08/26/2021	18:23:37	78796.50	394751.07	40.49	Soil	13,620	1.48
08/26/2021	18:23:38	78796.46	394750.79	40.50	Soil	11,640	0.09
08/26/2021	18:23:39	78796.39	394750.49	40.51	Soil	11,940	0.30
08/26/2021	18:23:40	78796.36	394750.17	40.54	Soil	12,300	0.55
08/26/2021	18:23:41	78796.31	394749.90	40.54	Soil	11,940	0.30
08/26/2021	18:23:42	78796.33	394749.58	40.59	Soil	12,600	0.76
08/26/2021	18:23:43	78796.27	394749.33	40.59	Soil	12,060	0.39
08/26/2021	18:23:44	78796.26	394749.07	40.61	Soil	11,100	-0.29
08/26/2021	18:23:45	78796.27	394748.75	40.60	Soil	12,360	0.60
08/26/2021	18:23:46	78796.29	394748.43	40.62	Soil	11,700	0.13
08/26/2021	18:23:47	78796.30	394748.13	40.65	Soil	9,900	-1.13
08/26/2021	18:23:48	78796.30	394747.86	40.65	Soil	11,700	0.13
08/26/2021	18:23:49	78796.33	394747.58	40.68	Soil	11,340	-0.12
08/26/2021	18:23:50	78796.30	394747.30	40.67	Soil	11,640	0.09
08/26/2021	18:23:51	78796.32	394746.99	40.69	Soil	11,160	-0.25
08/26/2021	18:23:52	78796.24	394746.69	40.72	Soil	11,880	0.26
08/26/2021	18:23:53	78796.27	394746.30	40.76	Soil	10,440	-0.75
08/26/2021	18:23:54	78796.37	394745.85	40.69	Soil	9,720	-1.26
08/26/2021	18:23:55	78796.26	394745.77	40.72	Soil	11,340	-0.12
08/26/2021	18:23:56	78795.95	394745.92	40.70	Soil	9,960	-1.09
08/26/2021	18:23:57	78795.67	394745.92	40.68	Soil	10,860	-0.46
08/26/2021	18:23:58	78795.59	394745.96	40.68	Soil	10,440	-0.75
08/26/2021	18:23:59	78795.70	394746.12	40.70	Soil	10,440	-0.75
08/26/2021	18:24:00	78795.70	394746.44	40.69	Soil	12,660	0.81
08/26/2021	18:24:01	78795.63	394746.70	40.67	Soil	11,640	0.09
08/26/2021	18:24:02	78795.69	394746.94	40.66	Soil	12,060	0.39
08/26/2021	18:24:03	78795.67	394747.26	40.66	Soil	11,760	0.18
08/26/2021	18:24:04	78795.74	394747.58	40.65	Soil	10,560	-0.67
08/26/2021	18:24:05	78795.75	394747.89	40.65	Soil	11,700	0.13
08/26/2021	18:24:06	78795.77	394748.16	40.57	Soil	11,280	-0.16
08/26/2021	18:24:07	78795.77	394748.42	40.58	Soil	12,600	0.76
08/26/2021	18:24:08	78795.75	394748.72	40.58	Soil	11,580	0.05
08/26/2021	18:24:09	78795.76	394749.05	40.56	Soil	10,980	-0.37
08/26/2021	18:24:10	78795.76	394749.34	40.52	Soil	11,160	-0.25
08/26/2021	18:24:11	78795.81	394749.63	40.50	Soil	12,300	0.55
08/26/2021	18:24:12	78795.78	394749.91	40.50	Soil	12,060	0.39
08/26/2021	18:24:13	78795.84	394750.21	40.46	Soil	10,860	-0.46
08/26/2021	18:24:14	78795.83	394750.49	40.47	Soil	11,520	0.01
08/26/2021	18:24:15	78795.85	394750.78	40.45	Soil	11,520	0.01
08/26/2021	18:24:16	78795.86	394751.08	40.46	Soil	12,300	0.55
08/26/2021	18:24:17	78795.83	394751.37	40.44	Soil	12,180	0.47
08/26/2021	18:24:18	78795.83	394751.67	40.42	Soil	9,720	-1.26

SU 7D GWS RESULTS
(SOIL)

08/26/2021	18:24:19	78795.83	394751.97	40.37	Soil	12,720	0.85
08/26/2021	18:24:20	78795.84	394752.27	40.38	Soil	10,920	-0.41
08/26/2021	18:24:21	78795.88	394752.56	40.38	Soil	10,320	-0.84
08/26/2021	18:24:22	78796.08	394752.97	40.37	Soil	12,240	0.51
08/26/2021	18:24:23	78796.18	394753.50	40.38	Soil	12,960	1.02
08/26/2021	18:24:24	78796.00	394753.81	40.48	Soil	13,260	1.23
08/26/2021	18:24:25	78795.80	394753.88	40.49	Soil	12,300	0.55
08/26/2021	18:24:26	78795.82	394753.77	40.50	Soil	11,160	-0.25
08/26/2021	18:24:27	78795.74	394753.57	40.50	Soil	11,880	0.26
08/26/2021	18:24:28	78795.52	394753.52	40.50	Soil	12,180	0.47
08/26/2021	18:24:29	78795.48	394753.61	40.52	Soil	12,000	0.34
08/26/2021	18:24:30	78795.56	394753.75	40.51	Soil	14,520	2.11
08/26/2021	18:24:31	78795.63	394753.72	40.49	Soil	11,880	0.26
08/26/2021	18:24:32	78795.65	394753.49	40.50	Soil	12,960	1.02
08/26/2021	18:24:33	78795.62	394753.15	40.48	Soil	10,320	-0.84
08/26/2021	18:24:34	78795.60	394752.75	40.55	Soil	11,820	0.22
08/26/2021	18:24:35	78795.53	394752.31	40.58	Soil	13,200	1.19
08/26/2021	18:24:36	78795.50	394751.92	40.56	Soil	13,800	1.61
08/26/2021	18:24:37	78795.52	394751.60	40.57	Soil	13,920	1.69
08/26/2021	18:24:38	78795.55	394751.29	40.57	Soil	12,720	0.85
08/26/2021	18:24:39	78795.59	394751.04	40.54	Soil	12,240	0.51
08/26/2021	18:24:40	78795.57	394750.78	40.55	Soil	12,780	0.89
08/26/2021	18:24:41	78795.44	394750.50	40.55	Soil	11,220	-0.20
08/26/2021	18:24:42	78795.43	394750.20	40.57	Soil	11,700	0.13
08/26/2021	18:24:43	78795.45	394749.86	40.59	Soil	11,700	0.13
08/26/2021	18:24:44	78795.43	394749.56	40.58	Soil	10,560	-0.67
08/26/2021	18:24:45	78795.41	394749.24	40.61	Soil	12,000	0.34
08/26/2021	18:24:46	78795.40	394748.90	40.62	Soil	9,600	-1.34
08/26/2021	18:24:47	78795.38	394748.60	40.65	Soil	11,220	-0.20
08/26/2021	18:24:48	78795.32	394748.31	40.65	Soil	11,040	-0.33
08/26/2021	18:24:49	78795.31	394748.00	40.67	Soil	9,300	-1.55
08/26/2021	18:24:50	78795.25	394747.73	40.65	Soil	11,340	-0.12
08/26/2021	18:24:51	78795.25	394747.44	40.69	Soil	11,280	-0.16
08/26/2021	18:24:52	78795.18	394747.17	40.71	Soil	10,080	-1.00
08/26/2021	18:24:53	78795.11	394746.97	40.72	Soil	10,620	-0.62
08/26/2021	18:24:54	78795.16	394746.77	40.72	Soil	11,040	-0.33
08/26/2021	18:24:55	78795.05	394746.72	40.70	Soil	10,740	-0.54
08/26/2021	18:24:56	78794.72	394746.80	40.71	Soil	10,920	-0.41
08/26/2021	18:24:57	78794.41	394746.86	40.72	Soil	10,680	-0.58
08/26/2021	18:24:58	78794.34	394746.93	40.71	Soil	10,140	-0.96
08/26/2021	18:24:59	78794.40	394747.06	40.70	Soil	9,660	-1.30
08/26/2021	18:25:00	78794.42	394747.33	40.71	Soil	10,500	-0.71
08/26/2021	18:25:01	78794.41	394747.60	40.68	Soil	10,500	-0.71
08/26/2021	18:25:02	78794.45	394747.87	40.69	Soil	10,260	-0.88
08/26/2021	18:25:03	78794.45	394748.12	40.66	Soil	11,640	0.09
08/26/2021	18:25:04	78794.52	394748.39	40.67	Soil	11,700	0.13
08/26/2021	18:25:05	78794.54	394748.67	40.64	Soil	10,680	-0.58
08/26/2021	18:25:06	78794.67	394748.94	40.63	Soil	13,200	1.19
08/26/2021	18:25:07	78794.69	394749.33	40.62	Soil	11,700	0.13
08/26/2021	18:25:08	78794.70	394749.70	40.59	Soil	13,740	1.56
08/26/2021	18:25:09	78794.85	394750.00	40.62	Soil	12,600	0.76

SU 7D GWS RESULTS
(SOIL)

08/26/2021	18:25:10	78794.89	394750.27	40.64	Soil	12,240	0.51
08/26/2021	18:25:11	78794.94	394750.56	40.61	Soil	12,300	0.55
08/26/2021	18:25:12	78794.94	394750.93	40.72	Soil	10,500	-0.71
08/26/2021	18:25:13	78794.90	394751.25	40.73	Soil	12,180	0.47
08/26/2021	18:25:14	78794.89	394751.50	40.69	Soil	12,120	0.43
08/26/2021	18:25:15	78794.88	394751.84	40.68	Soil	11,760	0.18
08/26/2021	18:25:16	78794.88	394752.19	40.68	Soil	13,020	1.06
08/26/2021	18:25:17	78794.89	394752.51	40.70	Soil	13,080	1.10
08/26/2021	18:25:18	78795.05	394752.75	40.72	Soil	13,740	1.56
08/26/2021	18:25:19	78794.96	394752.85	40.71	Soil	12,000	0.34
08/26/2021	18:25:20	78794.91	394752.76	40.71	Soil	10,800	-0.50
08/26/2021	18:25:21	78794.99	394752.79	40.69	Soil	12,480	0.68
08/26/2021	18:25:22	78794.89	394752.94	40.71	Soil	12,660	0.81
08/26/2021	18:25:23	78794.79	394752.86	40.66	Soil	12,660	0.81
08/26/2021	18:25:24	78794.64	394752.64	40.66	Soil	14,220	1.90
08/26/2021	18:25:25	78794.50	394752.34	40.67	Soil	12,840	0.93
08/26/2021	18:25:26	78794.42	394752.07	40.62	Soil	12,180	0.47
08/26/2021	18:25:27	78794.43	394751.75	40.66	Soil	12,720	0.85
08/26/2021	18:25:28	78794.53	394751.38	40.65	Soil	12,300	0.55
08/26/2021	18:25:29	78794.56	394751.09	40.68	Soil	13,020	1.06
08/26/2021	18:25:30	78794.49	394750.77	40.68	Soil	13,920	1.69
08/26/2021	18:25:31	78794.39	394750.34	40.67	Soil	12,240	0.51
08/26/2021	18:25:32	78794.21	394749.99	40.66	Soil	11,820	0.22
08/26/2021	18:25:33	78794.08	394749.60	40.68	Soil	12,300	0.55
08/26/2021	18:25:34	78794.05	394749.14	40.69	Soil	12,300	0.55
08/26/2021	18:25:35	78793.97	394748.69	40.70	Soil	12,240	0.51
08/26/2021	18:25:36	78793.99	394748.28	40.71	Soil	10,620	-0.62
08/26/2021	18:25:37	78793.77	394747.96	40.70	Soil	10,920	-0.41
08/26/2021	18:25:38	78793.47	394747.90	40.68	Soil	11,040	-0.33
08/26/2021	18:25:39	78793.29	394748.16	40.70	Soil	10,260	-0.88
08/26/2021	18:25:40	78793.28	394748.53	40.67	Soil	11,700	0.13
08/26/2021	18:25:41	78793.30	394748.88	40.68	Soil	10,680	-0.58
08/26/2021	18:25:42	78793.28	394749.25	40.62	Soil	12,300	0.55
08/26/2021	18:25:43	78793.34	394749.86	40.29	Soil	12,180	0.47
08/26/2021	18:25:44	78793.25	394750.41	40.28	Soil	11,580	0.05
08/26/2021	18:25:45	78793.19	394750.61	40.21	Soil	11,520	0.01
08/26/2021	18:25:46	78793.15	394750.96	40.24	Soil	11,280	-0.16
08/26/2021	18:25:47	78793.23	394751.40	40.28	Soil	10,980	-0.37
08/26/2021	18:25:48	78793.29	394751.89	40.27	Soil	11,340	-0.12
08/26/2021	18:25:49	78793.39	394752.45	40.21	Soil	12,780	0.89
08/26/2021	18:26:05	78792.59	394751.45	39.92	Soil	10,800	-0.50
08/26/2021	18:26:06	78792.48	394751.06	39.92	Soil	12,120	0.43
08/26/2021	18:26:07	78792.38	394750.73	39.92	Soil	13,140	1.14
08/26/2021	18:26:08	78792.22	394750.51	39.86	Soil	10,320	-0.84
08/26/2021	18:26:09	78792.08	394750.31	39.85	Soil	9,780	-1.21
08/26/2021	18:26:10	78791.98	394750.01	39.76	Soil	11,700	0.13
08/26/2021	18:26:11	78791.76	394749.65	39.79	Soil	11,520	0.01
08/26/2021	18:26:12	78791.61	394749.47	39.81	Soil	10,140	-0.96
08/26/2021	18:26:13	78791.52	394749.41	39.80	Soil	11,340	-0.12
08/26/2021	18:26:15	78791.84	394749.25	39.56	Soil	11,760	0.18
08/26/2021	18:26:16	78792.13	394749.17	39.47	Soil	10,680	-0.58

SU 7D GWS RESULTS
(SOIL)

08/26/2021	18:26:17	78792.20	394749.40	39.77	Soil	12,060	0.39
08/26/2021	18:26:18	78792.27	394749.86	39.61	Soil	11,520	0.01
08/26/2021	18:26:19	78792.29	394749.87	39.89	Soil	12,240	0.51
08/26/2021	18:26:20	78792.49	394749.99	40.01	Soil	10,980	-0.37
08/26/2021	18:26:21	78792.94	394750.13	40.15	Soil	12,900	0.98
08/26/2021	18:26:22	78793.25	394749.58	40.50	Soil	12,720	0.85
08/26/2021	18:26:23	78793.44	394749.21	40.63	Soil	11,520	0.01
08/26/2021	18:26:24	78793.27	394749.02	40.64	Soil	10,260	-0.88
08/26/2021	18:26:25	78792.93	394748.88	40.61	Soil	9,900	-1.13
08/26/2021	18:26:26	78792.71	394748.82	40.63	Soil	12,000	0.34
08/26/2021	18:26:27	78792.65	394748.87	40.63	Soil	11,520	0.01
08/26/2021	18:26:28	78792.62	394748.87	40.63	Soil	11,160	-0.25
08/26/2021	18:26:29	78792.67	394748.91	40.65	Soil	12,660	0.81
08/26/2021	18:26:30	78792.75	394749.02	40.65	Soil	12,420	0.64
08/26/2021	18:26:31	78792.73	394749.15	40.65	Soil	11,400	-0.08
08/26/2021	18:26:32	78792.81	394749.19	40.63	Soil	12,300	0.55
08/26/2021	18:26:33	78793.01	394749.14	40.60	Soil	11,820	0.22
08/26/2021	18:26:34	78793.38	394748.99	40.62	Soil	11,700	0.13
08/26/2021	18:26:35	78793.69	394748.55	40.65	Soil	12,180	0.47
08/26/2021	18:26:36	78793.72	394748.17	40.68	Soil	12,600	0.76
08/26/2021	18:26:37	78793.74	394748.22	40.69	Soil	10,680	-0.58
08/26/2021	18:26:38	78793.78	394748.26	40.69	Soil	10,740	-0.54
08/26/2021	18:26:39	78794.03	394748.26	40.71	Soil	10,500	-0.71
08/26/2021	18:26:40	78794.71	394748.03	40.67	Soil	12,900	0.98
08/26/2021	18:26:41	78795.44	394747.36	40.69	Soil	10,620	-0.62
08/26/2021	18:26:42	78796.21	394746.52	40.67	Soil	12,060	0.39
08/26/2021	18:26:43	78797.01	394745.65	40.74	Soil	10,680	-0.58
08/26/2021	18:26:44	78797.70	394744.68	40.67	Soil	10,500	-0.71
08/26/2021	18:26:45	78798.26	394743.75	40.70	Soil	10,800	-0.50
08/26/2021	18:26:46	78798.79	394742.93	40.60	Soil	12,960	1.02
08/26/2021	18:26:47	78799.36	394742.01	40.56	Soil	11,460	-0.04
08/26/2021	18:26:48	78799.83	394740.97	40.48	Soil	11,460	-0.04
08/26/2021	18:26:49	78800.05	394739.99	40.50	Soil	13,560	1.44
08/26/2021	18:26:50	78800.13	394739.13	40.46	Soil	9,960	-1.09
08/26/2021	18:26:51	78800.34	394738.46	40.50	Soil	10,800	-0.50
08/26/2021	18:26:52	78800.49	394737.85	40.49	Soil	10,620	-0.62
08/26/2021	18:26:53	78800.63	394737.26	40.49	Soil	10,560	-0.67
08/26/2021	18:26:54	78800.74	394736.56	40.49	Soil	9,900	-1.13
08/26/2021	18:26:55	78800.79	394735.96	40.53	Soil	11,040	-0.33
08/26/2021	18:26:56	78800.93	394735.47	40.55	Soil	10,500	-0.71
08/26/2021	18:26:57	78800.94	394735.01	40.54	Soil	10,080	-1.00
08/26/2021	18:26:58	78801.11	394734.59	40.56	Soil	10,800	-0.50
08/26/2021	18:26:59	78801.49	394734.36	40.49	Soil	9,720	-1.26
08/26/2021	18:27:00	78801.93	394734.25	40.48	Soil	11,280	-0.16
08/26/2021	18:27:01	78802.50	394734.20	40.51	Soil	12,300	0.55
08/26/2021	18:27:02	78802.99	394734.11	40.49	Soil	12,300	0.55
08/26/2021	18:27:03	78803.47	394734.16	40.43	Soil	12,540	0.72
08/26/2021	18:27:04	78803.93	394734.30	40.41	Soil	11,580	0.05
08/26/2021	18:27:05	78804.10	394734.66	40.40	Soil	11,880	0.26
08/26/2021	18:27:06	78804.02	394735.18	40.36	Soil	12,240	0.51
08/26/2021	18:27:07	78803.99	394735.77	40.37	Soil	13,980	1.73

SU 7D GWS RESULTS
(SOIL)

08/26/2021	18:27:08	78803.90	394736.43	40.38	Soil	9,960	-1.09
08/26/2021	18:27:09	78803.90	394737.05	40.35	Soil	11,460	-0.04
08/26/2021	18:27:10	78803.68	394737.64	40.33	Soil	10,860	-0.46
08/26/2021	18:27:11	78803.33	394738.22	40.33	Soil	9,180	-1.64
08/26/2021	18:27:12	78802.82	394738.62	40.31	Soil	9,660	-1.30
08/26/2021	18:27:13	78802.13	394738.86	40.27	Soil	10,800	-0.50
08/26/2021	18:27:14	78801.37	394738.92	40.37	Soil	12,300	0.55
08/26/2021	18:27:15	78800.80	394738.77	40.56	Soil	10,140	-0.96
08/26/2021	18:27:16	78800.51	394738.63	40.55	Soil	9,420	-1.47
08/26/2021	18:27:17	78800.43	394738.27	40.54	Soil	10,140	-0.96
08/26/2021	18:27:18	78800.47	394737.83	40.51	Soil	11,760	0.18
08/26/2021	18:27:19	78800.55	394737.31	40.51	Soil	10,740	-0.54
08/26/2021	18:27:20	78800.59	394736.99	40.55	Soil	10,500	-0.71
08/26/2021	18:27:21	78800.65	394736.81	40.51	Soil	11,160	-0.25
08/26/2021	18:27:22	78800.67	394736.39	40.55	Soil	10,800	-0.50
08/26/2021	18:27:23	78800.86	394735.89	40.57	Soil	11,040	-0.33
08/26/2021	18:27:24	78801.01	394735.41	40.60	Soil	10,080	-1.00
08/26/2021	18:27:25	78801.13	394735.06	40.60	Soil	10,500	-0.71
08/26/2021	18:27:26	78800.92	394735.06	40.57	Soil	10,860	-0.46
08/26/2021	18:27:27	78800.75	394735.34	40.54	Soil	10,920	-0.41
08/26/2021	18:27:28	78800.67	394735.85	40.53	Soil	10,560	-0.67
08/26/2021	18:27:29	78800.58	394736.37	40.56	Soil	12,660	0.81
08/26/2021	18:27:30	78800.58	394736.94	40.59	Soil	11,700	0.13
08/26/2021	18:27:31	78800.52	394737.51	40.59	Soil	11,460	-0.04
08/26/2021	18:27:32	78800.39	394738.04	40.57	Soil	11,760	0.18
08/26/2021	18:27:33	78800.21	394738.67	40.53	Soil	10,620	-0.62
08/26/2021	18:27:34	78800.03	394739.36	40.55	Soil	9,900	-1.13
08/26/2021	18:27:35	78800.01	394740.05	40.58	Soil	11,640	0.09
08/26/2021	18:27:36	78799.98	394740.72	40.56	Soil	11,640	0.09
08/26/2021	18:27:37	78800.01	394741.42	40.51	Soil	9,360	-1.51
08/26/2021	18:27:38	78799.88	394742.27	40.72	Soil	12,720	0.85
08/26/2021	18:27:39	78799.42	394742.96	40.82	Soil	11,700	0.13
08/26/2021	18:27:40	78798.92	394743.68	40.76	Soil	11,520	0.01
08/26/2021	18:27:41	78798.45	394744.56	40.78	Soil	12,420	0.64
08/26/2021	18:27:42	78797.85	394745.41	40.74	Soil	11,820	0.22
08/26/2021	18:27:43	78797.08	394746.06	40.77	Soil	10,500	-0.71
08/26/2021	18:27:44	78796.20	394746.54	40.76	Soil	10,860	-0.46
08/26/2021	18:27:45	78795.29	394746.96	40.82	Soil	10,620	-0.62
08/26/2021	18:27:46	78794.62	394747.24	40.83	Soil	13,500	1.40
08/26/2021	18:27:47	78794.50	394747.47	40.77	Soil	9,660	-1.30
08/26/2021	18:27:48	78794.90	394747.98	40.70	Soil	10,320	-0.84
08/26/2021	18:27:49	78795.49	394748.79	40.68	Soil	11,340	-0.12
08/26/2021	18:27:50	78796.11	394749.44	40.58	Soil	12,900	0.98
08/26/2021	18:27:51	78796.83	394750.11	40.56	Soil	13,200	1.19
08/26/2021	18:27:52	78797.69	394750.77	40.47	Soil	11,160	-0.25
08/26/2021	18:27:53	78798.70	394751.52	40.48	Soil	12,000	0.34
08/26/2021	18:27:54	78799.70	394752.27	40.35	Soil	11,460	-0.04
08/26/2021	18:27:55	78800.78	394752.88	40.27	Soil	11,400	-0.08
08/26/2021	18:27:56	78801.60	394753.20	40.35	Soil	11,580	0.05
08/26/2021	18:27:57	78801.91	394753.17	40.33	Soil	13,020	1.06
08/26/2021	18:27:58	78801.86	394753.16	40.31	Soil	13,020	1.06

SU 7D GWS RESULTS
(SOIL)

08/26/2021	18:27:59	78801.82	394753.27	40.31	Soil	12,840	0.93
08/26/2021	18:28:00	78801.95	394753.42	40.24	Soil	11,340	-0.12
08/26/2021	18:28:01	78802.35	394753.62	40.24	Soil	12,300	0.55
08/26/2021	18:28:02	78802.94	394753.93	40.24	Soil	11,460	-0.04
08/26/2021	18:28:03	78803.51	394754.08	40.24	Soil	11,640	0.09
08/26/2021	18:28:04	78803.95	394754.03	40.22	Soil	13,200	1.19
08/26/2021	18:28:05	78804.15	394753.94	40.21	Soil	12,900	0.98
08/26/2021	18:28:06	78804.08	394753.59	40.21	Soil	12,180	0.47
08/26/2021	18:28:07	78804.04	394753.11	40.21	Soil	12,900	0.98
08/26/2021	18:28:08	78803.96	394752.75	40.25	Soil	10,200	-0.92
08/26/2021	18:28:09	78803.93	394752.37	40.33	Soil	10,500	-0.71
08/26/2021	18:28:10	78803.95	394751.84	40.19	Soil	12,420	0.64
08/26/2021	18:28:11	78803.95	394751.29	40.19	Soil	13,860	1.65
08/26/2021	18:28:12	78804.00	394750.63	40.17	Soil	11,640	0.09
08/26/2021	18:28:13	78803.86	394750.00	40.21	Soil	12,480	0.68
08/26/2021	18:28:14	78803.36	394749.57	40.28	Soil	10,320	-0.84
08/26/2021	18:28:15	78802.79	394749.59	40.26	Soil	13,920	1.69
08/26/2021	18:28:16	78802.49	394750.10	40.24	Soil	12,060	0.39
08/26/2021	18:28:17	78802.35	394750.76	40.24	Soil	11,580	0.05
08/26/2021	18:28:18	78802.41	394751.44	40.26	Soil	11,880	0.26
08/26/2021	18:28:19	78802.53	394752.05	40.24	Soil	11,400	-0.08
08/26/2021	18:28:20	78802.96	394752.35	40.26	Soil	12,060	0.39
08/26/2021	18:28:21	78803.52	394752.22	40.25	Soil	12,360	0.60
08/26/2021	18:28:22	78803.87	394751.87	40.15	Soil	10,860	-0.46
08/26/2021	18:28:23	78803.98	394751.29	40.19	Soil	11,820	0.22
08/26/2021	18:28:24	78804.04	394750.61	40.20	Soil	13,140	1.14
08/26/2021	18:28:25	78803.94	394749.99	40.20	Soil	12,540	0.72
08/26/2021	18:28:26	78803.63	394749.45	40.24	Soil	11,640	0.09
08/26/2021	18:28:27	78803.13	394749.34	40.27	Soil	11,040	-0.33
08/26/2021	18:28:28	78802.71	394749.55	40.25	Soil	11,340	-0.12
08/26/2021	18:28:29	78802.52	394750.06	40.22	Soil	11,880	0.26
08/26/2021	18:28:30	78802.44	394750.77	40.26	Soil	12,120	0.43
08/26/2021	18:28:31	78802.42	394751.35	40.24	Soil	10,860	-0.46
08/26/2021	18:28:32	78802.39	394751.60	40.22	Soil	10,440	-0.75
08/26/2021	18:28:33	78802.36	394751.72	40.20	Soil	11,460	-0.04
08/26/2021	18:28:34	78802.45	394751.80	40.13	Soil	11,760	0.18
08/26/2021	18:28:35	78802.46	394752.16	40.14	Soil	12,540	0.72
08/26/2021	18:28:36	78802.72	394752.72	40.13	Soil	13,440	1.35
08/26/2021	18:28:37	78803.09	394752.93	40.13	Soil	13,860	1.65
08/26/2021	18:28:38	78803.16	394753.03	40.11	Soil	12,900	0.98
08/26/2021	18:28:39	78803.22	394753.05	40.10	Soil	14,040	1.78
08/26/2021	18:28:40	78803.32	394753.11	40.07	Soil	11,400	-0.08
08/26/2021	18:28:41	78803.32	394753.26	40.07	Soil	12,840	0.93
08/26/2021	18:28:42	78802.81	394753.29	40.11	Soil	14,340	1.99
08/30/2021	15:52:22	78775.90	394751.85	40.81	Soil	10,560	-0.67
08/30/2021	15:52:23	78775.90	394751.89	40.82	Soil	12,480	0.68
08/30/2021	15:52:24	78775.87	394751.99	40.85	Soil	11,400	-0.08
08/30/2021	15:52:25	78775.84	394752.17	40.85	Soil	11,760	0.18
08/30/2021	15:52:26	78775.81	394752.42	40.85	Soil	10,740	-0.54
08/30/2021	15:52:27	78775.79	394752.74	40.83	Soil	12,420	0.64
08/30/2021	15:52:28	78775.66	394753.09	40.86	Soil	12,420	0.64

SU 7D GWS RESULTS
(SOIL)

08/30/2021	15:52:29	78775.66	394753.45	40.86	Soil	10,080	-1.00
08/30/2021	15:52:30	78775.65	394753.77	40.84	Soil	10,920	-0.41
08/30/2021	15:52:31	78775.56	394754.05	40.87	Soil	13,020	1.06
08/30/2021	15:52:32	78775.62	394754.36	40.85	Soil	10,320	-0.84
08/30/2021	15:52:33	78775.56	394754.62	40.85	Soil	10,440	-0.75
08/30/2021	15:52:34	78775.64	394754.90	40.91	Soil	9,300	-1.55
08/30/2021	15:52:35	78775.60	394755.17	40.93	Soil	11,160	-0.25
08/30/2021	15:52:36	78775.54	394755.36	40.95	Soil	9,720	-1.26
08/30/2021	15:52:37	78775.54	394755.60	40.97	Soil	10,740	-0.54
08/30/2021	15:52:38	78775.50	394755.86	40.99	Soil	10,740	-0.54
08/30/2021	15:52:39	78775.51	394756.16	40.95	Soil	9,840	-1.17
08/30/2021	15:52:40	78775.39	394756.43	40.97	Soil	11,520	0.01
08/30/2021	15:52:41	78775.45	394756.73	40.97	Soil	10,620	-0.62
08/30/2021	15:52:42	78775.43	394756.97	40.99	Soil	11,880	0.26
08/30/2021	15:52:43	78775.44	394757.21	41.00	Soil	11,820	0.22
08/30/2021	15:52:44	78775.49	394757.50	40.99	Soil	11,040	-0.33
08/30/2021	15:52:45	78775.40	394757.78	41.02	Soil	13,200	1.19
08/30/2021	15:52:46	78775.43	394757.99	40.98	Soil	11,580	0.05
08/30/2021	15:52:47	78775.41	394758.14	41.04	Soil	11,640	0.09
08/30/2021	15:52:48	78775.46	394758.29	41.03	Soil	11,040	-0.33
08/30/2021	15:52:49	78775.50	394758.51	41.04	Soil	12,540	0.72
08/30/2021	15:52:50	78775.51	394758.77	40.98	Soil	11,520	0.01
08/30/2021	15:52:51	78775.55	394759.05	40.97	Soil	12,900	0.98
08/30/2021	15:52:52	78775.56	394759.29	40.93	Soil	12,600	0.76
08/30/2021	15:52:53	78775.59	394759.57	40.92	Soil	10,800	-0.50
08/30/2021	15:52:54	78775.53	394759.79	41.00	Soil	10,500	-0.71
08/30/2021	15:52:55	78775.56	394759.93	40.98	Soil	12,300	0.55
08/30/2021	15:52:56	78775.56	394760.17	41.06	Soil	13,500	1.40
08/30/2021	15:52:57	78775.57	394760.42	41.08	Soil	12,900	0.98
08/30/2021	15:52:58	78775.59	394760.68	41.11	Soil	11,640	0.09
08/30/2021	15:52:59	78775.59	394760.86	41.14	Soil	11,340	-0.12
08/30/2021	15:53:00	78775.64	394761.07	41.11	Soil	10,980	-0.37
08/30/2021	15:53:01	78775.63	394761.27	41.14	Soil	10,440	-0.75
08/30/2021	15:53:02	78775.76	394761.45	41.12	Soil	13,080	1.10
08/30/2021	15:53:03	78775.72	394761.66	41.17	Soil	9,780	-1.21
08/30/2021	15:53:04	78775.77	394761.91	41.13	Soil	14,040	1.78
08/30/2021	15:53:05	78775.76	394762.30	41.20	Soil	10,620	-0.62
08/30/2021	15:53:06	78775.60	394762.73	41.33	Soil	11,100	-0.29
08/30/2021	15:53:07	78775.55	394762.97	41.39	Soil	10,920	-0.41
08/30/2021	15:53:08	78775.48	394763.19	41.44	Soil	13,920	1.69
08/30/2021	15:53:09	78775.63	394763.36	41.44	Soil	11,820	0.22
08/30/2021	15:53:10	78775.61	394763.54	41.44	Soil	10,440	-0.75
08/30/2021	15:53:11	78775.39	394763.69	41.46	Soil	10,380	-0.79
08/30/2021	15:53:12	78775.15	394763.89	41.47	Soil	10,320	-0.84
08/30/2021	15:53:13	78775.17	394763.87	41.50	Soil	12,420	0.64
08/30/2021	15:53:14	78775.20	394763.84	41.50	Soil	11,400	-0.08
08/30/2021	15:53:15	78775.17	394763.70	41.51	Soil	9,420	-1.47
08/30/2021	15:53:16	78775.10	394763.45	41.55	Soil	13,380	1.31
08/30/2021	15:53:17	78775.14	394763.25	41.57	Soil	12,240	0.51
08/30/2021	15:53:18	78775.11	394763.06	41.56	Soil	11,340	-0.12
08/30/2021	15:53:19	78775.07	394762.83	41.57	Soil	11,460	-0.04

SU 7D GWS RESULTS
(SOIL)

08/30/2021	15:53:20	78774.99	394762.65	41.55	Soil	13,560	1.44
08/30/2021	15:53:21	78775.10	394762.51	41.55	Soil	11,880	0.26
08/30/2021	15:53:22	78775.08	394762.36	41.55	Soil	12,960	1.02
08/30/2021	15:53:23	78775.00	394762.11	41.48	Soil	11,700	0.13
08/30/2021	15:53:24	78775.21	394761.82	41.42	Soil	12,660	0.81
08/30/2021	15:53:25	78775.44	394761.67	41.39	Soil	13,080	1.10
08/30/2021	15:53:26	78775.47	394761.55	41.39	Soil	12,600	0.76
08/30/2021	15:53:27	78775.43	394761.25	41.36	Soil	12,480	0.68
08/30/2021	15:53:28	78775.45	394761.11	41.37	Soil	13,260	1.23
08/30/2021	15:53:29	78775.30	394761.02	41.36	Soil	11,640	0.09
08/30/2021	15:53:30	78775.27	394760.94	41.38	Soil	13,560	1.44
08/30/2021	15:53:31	78775.17	394760.80	41.38	Soil	10,740	-0.54
08/30/2021	15:53:32	78775.04	394760.71	41.38	Soil	12,480	0.68
08/30/2021	15:53:33	78775.12	394760.57	41.40	Soil	11,460	-0.04
08/30/2021	15:53:34	78775.13	394760.30	41.41	Soil	13,140	1.14
08/30/2021	15:53:35	78775.12	394760.11	41.42	Soil	9,840	-1.17
08/30/2021	15:53:36	78775.10	394759.92	41.41	Soil	11,280	-0.16
08/30/2021	15:53:37	78775.08	394759.65	41.41	Soil	11,580	0.05
08/30/2021	15:53:38	78775.00	394759.52	41.43	Soil	12,540	0.72
08/30/2021	15:53:39	78774.98	394759.26	41.42	Soil	12,240	0.51
08/30/2021	15:53:40	78775.03	394759.05	41.42	Soil	11,520	0.01
08/30/2021	15:53:41	78774.94	394758.95	41.41	Soil	11,700	0.13
08/30/2021	15:53:42	78774.95	394758.70	41.37	Soil	12,360	0.60
08/30/2021	15:53:43	78775.02	394758.49	41.37	Soil	11,220	-0.20
08/30/2021	15:53:44	78774.98	394758.25	41.34	Soil	13,200	1.19
08/30/2021	15:53:45	78775.06	394758.00	41.35	Soil	13,560	1.44
08/30/2021	15:53:46	78775.02	394757.83	41.34	Soil	10,260	-0.88
08/30/2021	15:53:47	78775.00	394757.60	41.27	Soil	10,380	-0.79
08/30/2021	15:53:48	78775.03	394757.40	41.25	Soil	11,340	-0.12
08/30/2021	15:53:49	78775.01	394757.15	41.19	Soil	11,340	-0.12
08/30/2021	15:53:50	78775.13	394756.88	41.16	Soil	11,400	-0.08
08/30/2021	15:53:51	78775.10	394756.71	41.16	Soil	11,220	-0.20
08/30/2021	15:53:52	78775.17	394756.44	41.16	Soil	9,660	-1.30
08/30/2021	15:53:53	78775.22	394756.20	41.15	Soil	9,540	-1.38
08/30/2021	15:53:54	78775.20	394756.05	41.16	Soil	10,740	-0.54
08/30/2021	15:53:55	78775.23	394755.81	41.16	Soil	8,940	-1.80
08/30/2021	15:53:56	78775.22	394755.63	41.18	Soil	10,620	-0.62
08/30/2021	15:53:57	78775.24	394755.37	41.10	Soil	9,960	-1.09
08/30/2021	15:53:58	78775.35	394755.19	41.07	Soil	9,720	-1.26
08/30/2021	15:53:59	78775.32	394755.05	41.08	Soil	11,220	-0.20
08/30/2021	15:54:00	78775.30	394754.80	41.05	Soil	10,500	-0.71
08/30/2021	15:54:01	78775.36	394754.64	41.06	Soil	10,680	-0.58
08/30/2021	15:54:02	78775.36	394754.42	41.08	Soil	9,960	-1.09
08/30/2021	15:54:03	78775.39	394754.22	41.09	Soil	12,300	0.55
08/30/2021	15:54:04	78775.34	394754.05	41.11	Soil	11,100	-0.29
08/30/2021	15:54:05	78775.29	394753.80	41.11	Soil	10,920	-0.41
08/30/2021	15:54:06	78775.34	394753.57	41.11	Soil	10,860	-0.46
08/30/2021	15:54:07	78775.32	394753.36	41.14	Soil	11,460	-0.04
08/30/2021	15:54:08	78775.36	394753.16	41.15	Soil	9,360	-1.51
08/30/2021	15:54:09	78775.27	394753.02	41.14	Soil	11,460	-0.04
08/30/2021	15:54:10	78775.19	394752.77	41.18	Soil	10,260	-0.88

SU 7D GWS RESULTS
(SOIL)

08/30/2021	15:54:11	78775.20	394752.63	41.18	Soil	10,680	-0.58
08/30/2021	15:54:12	78775.22	394752.47	41.22	Soil	9,060	-1.72
08/30/2021	15:54:13	78775.06	394752.36	41.24	Soil	11,340	-0.12
08/30/2021	15:54:14	78774.99	394752.16	41.23	Soil	11,460	-0.04
08/30/2021	15:54:15	78775.07	394751.84	41.21	Soil	11,100	-0.29
08/30/2021	15:54:16	78774.97	394751.93	41.19	Soil	12,660	0.81
08/30/2021	15:54:17	78774.89	394752.14	41.20	Soil	10,320	-0.84
08/30/2021	15:54:18	78774.87	394752.32	41.20	Soil	9,420	-1.47
08/30/2021	15:54:19	78774.86	394752.57	41.21	Soil	10,140	-0.96
08/30/2021	15:54:20	78774.80	394752.82	41.22	Soil	11,280	-0.16
08/30/2021	15:54:21	78774.88	394753.12	41.25	Soil	10,980	-0.37
08/30/2021	15:54:22	78774.83	394753.43	41.23	Soil	11,280	-0.16
08/30/2021	15:54:23	78774.87	394753.63	41.23	Soil	10,920	-0.41
08/30/2021	15:54:24	78774.75	394753.91	41.27	Soil	11,460	-0.04
08/30/2021	15:54:25	78774.75	394754.17	41.24	Soil	10,860	-0.46
08/30/2021	15:54:26	78774.63	394754.48	41.28	Soil	10,980	-0.37
08/30/2021	15:54:27	78774.55	394754.72	41.24	Soil	11,280	-0.16
08/30/2021	15:54:28	78774.54	394755.02	41.27	Soil	9,600	-1.34
08/30/2021	15:54:29	78774.51	394755.25	41.27	Soil	9,120	-1.68
08/30/2021	15:54:30	78774.62	394755.52	41.24	Soil	8,520	-2.10
08/30/2021	15:54:31	78774.58	394755.79	41.24	Soil	9,900	-1.13
08/30/2021	15:54:32	78774.62	394755.98	41.21	Soil	10,860	-0.46
08/30/2021	15:54:33	78774.50	394756.25	41.22	Soil	11,160	-0.25
08/30/2021	15:54:34	78774.52	394756.46	41.19	Soil	9,540	-1.38
08/30/2021	15:54:35	78774.49	394756.71	41.21	Soil	10,620	-0.62
08/30/2021	15:54:36	78774.48	394756.98	41.23	Soil	15,420	2.74
08/30/2021	15:54:37	78774.53	394757.32	41.25	Soil	9,960	-1.09
08/30/2021	15:54:38	78774.42	394757.47	41.31	Soil	11,700	0.13
08/30/2021	15:54:39	78774.41	394757.69	41.31	Soil	11,940	0.30
08/30/2021	15:54:40	78774.32	394757.97	41.35	Soil	12,120	0.43
08/30/2021	15:54:41	78774.36	394758.15	41.36	Soil	12,120	0.43
08/30/2021	15:54:42	78774.27	394758.42	41.39	Soil	11,760	0.18
08/30/2021	15:54:43	78774.28	394758.64	41.38	Soil	11,940	0.30
08/30/2021	15:54:44	78774.33	394758.89	41.39	Soil	12,180	0.47
08/30/2021	15:54:45	78774.32	394759.08	41.39	Soil	11,820	0.22
08/30/2021	15:54:46	78774.41	394759.35	41.38	Soil	13,020	1.06
08/30/2021	15:54:47	78774.29	394759.63	41.44	Soil	13,380	1.31
08/30/2021	15:54:48	78774.33	394759.85	41.43	Soil	13,500	1.40
08/30/2021	15:54:49	78774.31	394760.14	41.46	Soil	13,500	1.40
08/30/2021	15:54:50	78774.28	394760.40	41.50	Soil	12,720	0.85
08/30/2021	15:54:51	78774.32	394760.66	41.51	Soil	13,200	1.19
08/30/2021	15:54:52	78774.24	394760.90	41.54	Soil	11,700	0.13
08/30/2021	15:54:53	78774.24	394761.14	41.56	Soil	11,580	0.05
08/30/2021	15:54:54	78774.21	394761.37	41.58	Soil	13,200	1.19
08/30/2021	15:54:55	78774.20	394761.59	41.60	Soil	12,060	0.39
08/30/2021	15:54:56	78774.27	394761.94	41.60	Soil	11,520	0.01
08/30/2021	15:54:57	78774.24	394762.26	41.62	Soil	11,760	0.18
08/30/2021	15:54:58	78774.28	394762.52	41.64	Soil	11,700	0.13
08/30/2021	15:54:59	78774.26	394762.78	41.65	Soil	12,060	0.39
08/30/2021	15:55:00	78774.37	394763.00	41.68	Soil	10,260	-0.88
08/30/2021	15:55:01	78774.44	394763.20	41.71	Soil	11,820	0.22

SU 7D GWS RESULTS
(SOIL)

08/30/2021	15:55:02	78774.46	394763.33	41.71	Soil	9,900	-1.13
08/30/2021	15:55:03	78774.36	394763.40	41.71	Soil	11,220	-0.20
08/30/2021	15:55:04	78774.13	394763.54	41.76	Soil	11,100	-0.29
08/30/2021	15:55:05	78774.02	394763.92	41.76	Soil	10,620	-0.62
08/30/2021	15:55:06	78774.01	394763.91	41.75	Soil	10,740	-0.54
08/30/2021	15:55:07	78774.09	394763.83	41.74	Soil	11,100	-0.29
08/30/2021	15:55:08	78773.99	394763.63	41.76	Soil	10,740	-0.54
08/30/2021	15:55:09	78774.04	394763.39	41.78	Soil	10,980	-0.37
08/30/2021	15:55:10	78773.97	394763.17	41.77	Soil	10,980	-0.37
08/30/2021	15:55:11	78773.98	394762.96	41.78	Soil	11,940	0.30
08/30/2021	15:55:12	78773.92	394762.77	41.78	Soil	12,420	0.64
08/30/2021	15:55:13	78773.90	394762.58	41.78	Soil	9,720	-1.26
08/30/2021	15:55:14	78773.96	394762.33	41.77	Soil	11,580	0.05
08/30/2021	15:55:15	78773.89	394762.10	41.75	Soil	12,240	0.51
08/30/2021	15:55:16	78773.94	394761.86	41.75	Soil	13,500	1.40
08/30/2021	15:55:17	78773.92	394761.67	41.71	Soil	12,360	0.60
08/30/2021	15:55:18	78773.86	394761.45	41.70	Soil	13,800	1.61
08/30/2021	15:55:19	78773.89	394761.21	41.65	Soil	11,460	-0.04
08/30/2021	15:55:20	78773.83	394761.02	41.58	Soil	13,620	1.48
08/30/2021	15:55:21	78773.90	394760.85	41.59	Soil	9,780	-1.21
08/30/2021	15:55:22	78773.87	394760.68	41.59	Soil	12,000	0.34
08/30/2021	15:55:23	78773.86	394760.45	41.61	Soil	11,220	-0.20
08/30/2021	15:55:24	78773.88	394760.22	41.60	Soil	14,340	1.99
08/30/2021	15:55:25	78773.82	394760.03	41.60	Soil	12,120	0.43
08/30/2021	15:55:26	78773.86	394759.81	41.65	Soil	12,060	0.39
08/30/2021	15:55:27	78773.86	394759.60	41.63	Soil	12,540	0.72
08/30/2021	15:55:28	78773.87	394759.38	41.64	Soil	11,520	0.01
08/30/2021	15:55:29	78773.92	394759.18	41.63	Soil	13,140	1.14
08/30/2021	15:55:30	78773.89	394758.97	41.60	Soil	10,800	-0.50
08/30/2021	15:55:31	78773.96	394758.72	41.53	Soil	13,980	1.73
08/30/2021	15:55:32	78773.96	394758.50	41.48	Soil	11,760	0.18
08/30/2021	15:55:33	78773.95	394758.22	41.47	Soil	10,800	-0.50
08/30/2021	15:55:34	78773.95	394757.97	41.45	Soil	10,380	-0.79
08/30/2021	15:55:35	78773.88	394757.71	41.45	Soil	11,280	-0.16
08/30/2021	15:55:36	78773.93	394757.46	41.45	Soil	11,160	-0.25
08/30/2021	15:55:37	78773.91	394757.30	41.45	Soil	10,680	-0.58
08/30/2021	15:55:38	78773.87	394757.04	41.46	Soil	11,700	0.13
08/30/2021	15:55:39	78773.92	394756.80	41.47	Soil	9,720	-1.26
08/30/2021	15:55:40	78773.91	394756.57	41.49	Soil	10,440	-0.75
08/30/2021	15:55:41	78773.92	394756.33	41.49	Soil	9,240	-1.59
08/30/2021	15:55:42	78773.91	394756.08	41.48	Soil	9,180	-1.64
08/30/2021	15:55:43	78773.88	394755.87	41.41	Soil	10,740	-0.54
08/30/2021	15:55:44	78773.98	394755.62	41.41	Soil	11,820	0.22
08/30/2021	15:55:45	78774.00	394755.35	41.36	Soil	9,360	-1.51
08/30/2021	15:55:46	78774.06	394755.08	41.36	Soil	9,240	-1.59
08/30/2021	15:55:47	78773.96	394754.83	41.35	Soil	10,440	-0.75
08/30/2021	15:55:48	78773.94	394754.56	41.35	Soil	10,260	-0.88
08/30/2021	15:55:49	78774.03	394754.29	41.38	Soil	11,580	0.05
08/30/2021	15:55:50	78773.96	394754.04	41.40	Soil	11,220	-0.20
08/30/2021	15:55:51	78773.98	394753.80	41.39	Soil	11,160	-0.25
08/30/2021	15:55:52	78773.96	394753.56	41.38	Soil	10,380	-0.79

SU 7D GWS RESULTS
(SOIL)

08/30/2021	15:55:53	78774.04	394753.33	41.37	Soil	10,320	-0.84
08/30/2021	15:55:54	78774.04	394753.06	41.36	Soil	12,060	0.39
08/30/2021	15:55:55	78774.05	394752.83	41.35	Soil	10,980	-0.37
08/30/2021	15:55:56	78774.13	394752.67	41.33	Soil	9,540	-1.38
08/30/2021	15:55:57	78774.07	394752.65	41.33	Soil	10,620	-0.62
08/30/2021	15:55:58	78774.15	394752.59	41.34	Soil	10,920	-0.41
08/30/2021	15:55:59	78774.09	394752.46	41.33	Soil	11,280	-0.16
08/30/2021	15:56:00	78774.01	394752.21	41.35	Soil	11,880	0.26
08/30/2021	15:56:01	78773.88	394751.81	41.35	Soil	11,280	-0.16
08/30/2021	15:56:02	78773.86	394751.77	41.31	Soil	10,800	-0.50
08/30/2021	15:56:03	78773.89	394751.83	41.28	Soil	12,300	0.55
08/30/2021	15:56:04	78773.79	394752.03	41.30	Soil	11,400	-0.08
08/30/2021	15:56:05	78773.72	394752.29	41.27	Soil	9,480	-1.42
08/30/2021	15:56:06	78773.78	394752.59	41.29	Soil	12,300	0.55
08/30/2021	15:56:07	78773.67	394752.87	41.31	Soil	12,300	0.55
08/30/2021	15:56:08	78773.64	394753.07	41.33	Soil	12,120	0.43
08/30/2021	15:56:09	78773.57	394753.30	41.36	Soil	9,720	-1.26
08/30/2021	15:56:10	78773.48	394753.59	41.30	Soil	10,620	-0.62
08/30/2021	15:56:11	78773.46	394753.90	41.33	Soil	13,020	1.06
08/30/2021	15:56:12	78773.40	394754.20	41.31	Soil	10,140	-0.96
08/30/2021	15:56:13	78773.40	394754.50	41.39	Soil	11,820	0.22
08/30/2021	15:56:14	78773.32	394754.87	41.44	Soil	11,340	-0.12
08/30/2021	15:56:15	78773.31	394755.14	41.46	Soil	9,900	-1.13
08/30/2021	15:56:16	78773.19	394755.46	41.47	Soil	10,920	-0.41
08/30/2021	15:56:17	78773.23	394755.71	41.47	Soil	10,560	-0.67
08/30/2021	15:56:18	78773.23	394756.02	41.47	Soil	9,600	-1.34
08/30/2021	15:56:19	78773.16	394756.32	41.41	Soil	8,700	-1.97
08/30/2021	15:56:20	78773.20	394756.63	41.38	Soil	9,360	-1.51
08/30/2021	15:56:21	78773.10	394756.94	41.37	Soil	11,160	-0.25
08/30/2021	15:56:22	78773.18	394757.21	41.26	Soil	10,920	-0.41
08/30/2021	15:56:23	78773.11	394757.49	41.29	Soil	9,900	-1.13
08/30/2021	15:56:24	78773.17	394757.80	41.34	Soil	12,480	0.68
08/30/2021	15:56:25	78773.22	394758.09	41.35	Soil	11,880	0.26
08/30/2021	15:56:26	78773.18	394758.35	41.37	Soil	12,240	0.51
08/30/2021	15:56:27	78773.18	394758.67	41.38	Soil	11,820	0.22
08/30/2021	15:56:28	78773.08	394758.93	41.39	Soil	11,100	-0.29
08/30/2021	15:56:29	78773.17	394759.19	41.37	Soil	12,840	0.93
08/30/2021	15:56:30	78773.16	394759.49	41.41	Soil	12,300	0.55
08/30/2021	15:56:31	78773.20	394759.71	41.40	Soil	14,040	1.78
08/30/2021	15:56:32	78773.20	394760.00	41.45	Soil	11,700	0.13
08/30/2021	15:56:33	78773.17	394760.28	41.43	Soil	11,880	0.26
08/30/2021	15:56:34	78773.23	394760.55	41.47	Soil	12,120	0.43
08/30/2021	15:56:35	78773.13	394760.84	41.50	Soil	10,500	-0.71
08/30/2021	15:56:36	78773.16	394761.00	41.53	Soil	9,480	-1.42
08/30/2021	15:56:37	78773.13	394761.26	41.59	Soil	10,980	-0.37
08/30/2021	15:56:38	78773.06	394761.50	41.60	Soil	9,480	-1.42
08/30/2021	15:56:39	78773.11	394761.68	41.62	Soil	11,520	0.01
08/30/2021	15:56:40	78773.01	394761.86	41.64	Soil	10,920	-0.41
08/30/2021	15:56:41	78773.00	394762.11	41.65	Soil	13,260	1.23
08/30/2021	15:56:42	78772.95	394762.38	41.71	Soil	11,340	-0.12
08/30/2021	15:56:43	78772.95	394762.60	41.71	Soil	10,800	-0.50

SU 7D GWS RESULTS
(SOIL)

08/30/2021	15:56:44	78773.03	394762.79	41.75	Soil	11,040	-0.33
08/30/2021	15:56:45	78773.06	394762.91	41.76	Soil	10,500	-0.71
08/30/2021	15:56:46	78773.18	394762.99	41.76	Soil	11,280	-0.16
08/30/2021	15:56:47	78773.24	394763.09	41.77	Soil	11,040	-0.33
08/30/2021	15:56:48	78773.01	394763.24	41.75	Soil	10,620	-0.62
08/30/2021	15:56:49	78772.80	394763.49	41.76	Soil	12,180	0.47
08/30/2021	15:56:50	78772.73	394763.55	41.78	Soil	11,640	0.09
08/30/2021	15:56:51	78772.75	394763.54	41.79	Soil	10,320	-0.84
08/30/2021	15:56:52	78772.74	394763.51	41.78	Soil	11,220	-0.20
08/30/2021	15:56:53	78772.67	394763.34	41.78	Soil	10,680	-0.58
08/30/2021	15:56:54	78772.70	394763.08	41.80	Soil	9,960	-1.09
08/30/2021	15:56:55	78772.66	394762.92	41.78	Soil	10,080	-1.00
08/30/2021	15:56:56	78772.60	394762.70	41.81	Soil	10,860	-0.46
08/30/2021	15:56:57	78772.72	394762.45	41.83	Soil	10,080	-1.00
08/30/2021	15:56:58	78772.65	394762.27	41.82	Soil	12,180	0.47
08/30/2021	15:56:59	78772.68	394762.05	41.83	Soil	12,360	0.60
08/30/2021	15:57:00	78772.62	394761.82	41.80	Soil	11,580	0.05
08/30/2021	15:57:01	78772.58	394761.61	41.81	Soil	10,680	-0.58
08/30/2021	15:57:02	78772.65	394761.38	41.79	Soil	10,860	-0.46
08/30/2021	15:57:03	78772.60	394761.19	41.76	Soil	12,360	0.60
08/30/2021	15:57:04	78772.68	394760.98	41.73	Soil	11,100	-0.29
08/30/2021	15:57:05	78772.65	394760.85	41.68	Soil	14,460	2.07
08/30/2021	15:57:06	78772.64	394760.64	41.69	Soil	10,140	-0.96
08/30/2021	15:57:07	78772.62	394760.48	41.66	Soil	11,520	0.01
08/30/2021	15:57:08	78772.54	394760.24	41.58	Soil	14,340	1.99
08/30/2021	15:57:09	78772.64	394760.02	41.57	Soil	11,040	-0.33
08/30/2021	15:57:10	78772.66	394759.74	41.53	Soil	12,000	0.34
08/30/2021	15:57:11	78772.67	394759.53	41.54	Soil	11,040	-0.33
08/30/2021	15:57:12	78772.57	394759.27	41.53	Soil	10,080	-1.00
08/30/2021	15:57:13	78772.53	394759.01	41.51	Soil	11,700	0.13
08/30/2021	15:57:14	78772.53	394758.79	41.51	Soil	10,440	-0.75
08/30/2021	15:57:15	78772.49	394758.52	41.45	Soil	11,700	0.13
08/30/2021	15:57:16	78772.52	394758.30	41.48	Soil	11,040	-0.33
08/30/2021	15:57:17	78772.43	394758.06	41.53	Soil	9,300	-1.55
08/30/2021	15:57:18	78772.51	394757.81	41.49	Soil	11,520	0.01
08/30/2021	15:57:19	78772.56	394757.59	41.47	Soil	10,680	-0.58
08/30/2021	15:57:20	78772.58	394757.32	41.42	Soil	10,320	-0.84
08/30/2021	15:57:21	78772.57	394757.12	41.41	Soil	9,840	-1.17
08/30/2021	15:57:22	78772.52	394756.88	41.46	Soil	9,660	-1.30
08/30/2021	15:57:23	78772.50	394756.56	41.51	Soil	10,500	-0.71
08/30/2021	15:57:24	78772.56	394756.38	41.49	Soil	10,080	-1.00
08/30/2021	15:57:25	78772.59	394756.15	41.50	Soil	10,440	-0.75
08/30/2021	15:57:26	78772.66	394755.91	41.54	Soil	9,420	-1.47
08/30/2021	15:57:27	78772.64	394755.59	41.53	Soil	9,840	-1.17
08/30/2021	15:57:28	78772.74	394755.30	41.55	Soil	10,140	-0.96
08/30/2021	15:57:29	78772.67	394755.02	41.60	Soil	10,980	-0.37
08/30/2021	15:57:30	78772.74	394754.78	41.61	Soil	12,360	0.60
08/30/2021	15:57:31	78772.69	394754.56	41.65	Soil	10,080	-1.00
08/30/2021	15:57:32	78772.72	394754.27	41.59	Soil	9,480	-1.42
08/30/2021	15:57:33	78772.78	394754.04	41.53	Soil	13,200	1.19
08/30/2021	15:57:34	78772.66	394753.74	41.50	Soil	10,380	-0.79

SU 7D GWS RESULTS
(SOIL)

08/30/2021	15:57:35	78772.71	394753.49	41.49	Soil	10,440	-0.75
08/30/2021	15:57:36	78772.67	394753.13	41.49	Soil	10,920	-0.41
08/30/2021	15:57:37	78772.79	394752.87	41.49	Soil	12,240	0.51
08/30/2021	15:57:38	78772.75	394752.75	41.45	Soil	11,100	-0.29
08/30/2021	15:57:39	78772.74	394752.60	41.49	Soil	12,660	0.81
08/30/2021	15:57:40	78772.78	394752.39	41.50	Soil	11,640	0.09
08/30/2021	15:57:41	78772.71	394752.10	41.51	Soil	10,860	-0.46
08/30/2021	15:57:42	78772.79	394751.82	41.45	Soil	9,900	-1.13
08/30/2021	15:57:43	78772.71	394751.43	41.47	Soil	10,560	-0.67
08/30/2021	15:57:44	78772.94	394751.09	41.41	Soil	11,940	0.30
08/30/2021	15:57:45	78772.95	394750.82	41.36	Soil	10,560	-0.67
08/30/2021	15:57:46	78773.05	394750.35	41.33	Soil	10,440	-0.75
08/30/2021	15:57:47	78772.84	394750.10	41.33	Soil	10,380	-0.79
08/30/2021	15:57:48	78772.75	394750.36	41.39	Soil	12,000	0.34
08/30/2021	15:57:49	78772.48	394750.63	41.43	Soil	11,760	0.18
08/30/2021	15:57:50	78772.56	394750.95	41.46	Soil	12,000	0.34
08/30/2021	15:57:51	78772.66	394751.16	41.45	Soil	10,860	-0.46
08/30/2021	15:57:52	78772.41	394751.19	41.46	Soil	12,240	0.51
08/30/2021	15:57:53	78772.33	394751.30	41.44	Soil	11,520	0.01
08/30/2021	15:57:54	78772.40	394751.20	41.44	Soil	11,400	-0.08
08/30/2021	15:57:55	78772.41	394751.23	41.41	Soil	12,480	0.68
08/30/2021	15:57:56	78772.38	394751.35	41.44	Soil	9,480	-1.42
08/30/2021	15:57:57	78772.30	394751.50	41.45	Soil	9,780	-1.21
08/30/2021	15:57:58	78772.38	394751.66	41.44	Soil	13,740	1.56
08/30/2021	15:57:59	78772.33	394751.93	41.42	Soil	11,580	0.05
08/30/2021	15:58:00	78772.38	394752.14	41.43	Soil	12,540	0.72
08/30/2021	15:58:01	78772.32	394752.38	41.41	Soil	10,200	-0.92
08/30/2021	15:58:02	78772.40	394752.54	41.38	Soil	11,820	0.22
08/30/2021	15:58:03	78772.36	394752.70	41.38	Soil	10,500	-0.71
08/30/2021	15:58:04	78772.35	394752.87	41.37	Soil	11,520	0.01
08/30/2021	15:58:05	78772.28	394753.15	41.41	Soil	11,640	0.09
08/30/2021	15:58:06	78772.27	394753.38	41.41	Soil	10,800	-0.50
08/30/2021	15:58:07	78772.23	394753.59	41.41	Soil	10,740	-0.54
08/30/2021	15:58:08	78772.15	394753.83	41.47	Soil	13,320	1.27
08/30/2021	15:58:09	78772.18	394754.12	41.49	Soil	11,160	-0.25
08/30/2021	15:58:10	78772.12	394754.20	41.44	Soil	11,940	0.30
08/30/2021	15:58:11	78772.12	394754.37	41.42	Soil	9,960	-1.09
08/30/2021	15:58:12	78772.05	394754.61	41.45	Soil	11,280	-0.16
08/30/2021	15:58:13	78772.01	394754.79	41.43	Soil	9,120	-1.68
08/30/2021	15:58:14	78772.01	394755.07	41.43	Soil	10,140	-0.96
08/30/2021	15:58:15	78772.03	394755.42	41.40	Soil	11,400	-0.08
08/30/2021	15:58:16	78772.08	394755.68	41.43	Soil	10,620	-0.62
08/30/2021	15:58:17	78771.92	394756.01	41.46	Soil	11,460	-0.04
08/30/2021	15:58:18	78771.85	394756.39	41.50	Soil	9,180	-1.64
08/30/2021	15:58:19	78771.75	394756.69	41.58	Soil	10,260	-0.88
08/30/2021	15:58:20	78771.82	394756.94	41.55	Soil	10,740	-0.54
08/30/2021	15:58:21	78771.73	394757.24	41.49	Soil	8,940	-1.80
08/30/2021	15:58:22	78771.77	394757.56	41.48	Soil	10,740	-0.54
08/30/2021	15:58:23	78771.81	394757.94	41.48	Soil	11,220	-0.20
08/30/2021	15:58:24	78771.74	394758.31	41.53	Soil	9,480	-1.42
08/30/2021	15:58:25	78771.87	394758.63	41.54	Soil	12,420	0.64

SU 7D GWS RESULTS
(SOIL)

08/30/2021	15:58:26	78771.80	394758.92	41.53	Soil	10,980	-0.37
08/30/2021	15:58:27	78771.92	394759.15	41.54	Soil	12,480	0.68
08/30/2021	15:58:28	78771.88	394759.39	41.56	Soil	10,740	-0.54
08/30/2021	15:58:29	78771.90	394759.61	41.52	Soil	11,940	0.30
08/30/2021	15:58:30	78771.91	394759.81	41.53	Soil	11,880	0.26
08/30/2021	15:58:31	78771.89	394760.19	41.53	Soil	11,820	0.22
08/30/2021	15:58:32	78771.93	394760.59	41.56	Soil	10,980	-0.37
08/30/2021	15:58:33	78771.87	394760.96	41.56	Soil	11,640	0.09
08/30/2021	15:58:34	78771.94	394761.28	41.57	Soil	12,180	0.47
08/30/2021	15:58:35	78771.81	394761.63	41.60	Soil	10,380	-0.79
08/30/2021	15:58:36	78771.89	394761.97	41.62	Soil	12,540	0.72
08/30/2021	15:58:37	78771.70	394762.30	41.63	Soil	10,980	-0.37
08/30/2021	15:58:38	78771.74	394762.61	41.65	Soil	12,180	0.47
08/30/2021	15:58:39	78771.45	394762.87	41.65	Soil	11,520	0.01
08/30/2021	15:58:40	78771.46	394762.88	41.61	Soil	10,140	-0.96
08/30/2021	16:00:38	78779.72	394761.76	41.06	Soil	12,600	0.76
08/30/2021	16:00:39	78779.88	394762.02	41.08	Soil	12,180	0.47
08/30/2021	16:00:40	78780.16	394762.20	41.11	Soil	12,120	0.43
08/30/2021	16:00:41	78780.31	394762.51	41.20	Soil	10,320	-0.84
08/30/2021	16:00:42	78780.55	394762.79	41.23	Soil	11,820	0.22
08/30/2021	16:00:43	78780.94	394763.09	41.31	Soil	12,600	0.76
08/30/2021	16:00:44	78781.08	394763.54	41.51	Soil	11,340	-0.12
08/30/2021	16:00:45	78781.23	394763.68	41.54	Soil	11,160	-0.25
08/30/2021	16:00:46	78781.43	394763.93	41.53	Soil	10,440	-0.75
08/30/2021	16:00:47	78781.77	394763.96	41.54	Soil	11,820	0.22
08/30/2021	16:00:48	78782.06	394764.05	41.54	Soil	9,360	-1.51
08/30/2021	16:00:49	78782.29	394764.48	41.56	Soil	9,240	-1.59
08/30/2021	16:00:50	78782.40	394764.65	41.61	Soil	9,360	-1.51
08/30/2021	16:00:51	78782.34	394764.86	41.62	Soil	10,680	-0.58
08/30/2021	16:00:52	78782.53	394764.98	41.66	Soil	11,100	-0.29
08/30/2021	16:00:53	78782.65	394765.30	41.66	Soil	8,940	-1.80
08/30/2021	16:00:54	78782.87	394765.57	41.68	Soil	11,100	-0.29
08/30/2021	16:00:55	78783.16	394765.84	41.69	Soil	11,100	-0.29
08/30/2021	16:00:56	78783.40	394765.91	41.66	Soil	10,260	-0.88
08/30/2021	16:00:57	78783.46	394766.12	41.61	Soil	10,920	-0.41
08/30/2021	16:00:58	78783.65	394766.46	41.63	Soil	8,340	-2.22
08/30/2021	16:00:59	78783.68	394766.62	41.64	Soil	11,700	0.13
08/30/2021	16:01:00	78783.61	394766.66	41.61	Soil	9,840	-1.17
08/30/2021	16:01:01	78783.45	394766.58	41.63	Soil	12,360	0.60
08/30/2021	16:01:02	78783.17	394766.33	41.63	Soil	7,620	-2.73
08/30/2021	16:01:03	78783.00	394766.07	41.60	Soil	8,640	-2.01
08/30/2021	16:01:04	78782.68	394765.91	41.63	Soil	8,940	-1.80
08/30/2021	16:01:05	78782.47	394765.60	41.63	Soil	10,680	-0.58
08/30/2021	16:01:06	78782.18	394765.46	41.66	Soil	9,840	-1.17
08/30/2021	16:01:07	78781.97	394765.10	41.68	Soil	9,720	-1.26
08/30/2021	16:01:08	78781.69	394764.89	41.69	Soil	9,420	-1.47
08/30/2021	16:01:09	78781.49	394764.58	41.71	Soil	10,740	-0.54
08/30/2021	16:01:10	78781.23	394764.37	41.73	Soil	8,940	-1.80
08/30/2021	16:01:11	78780.98	394764.03	41.78	Soil	10,140	-0.96
08/30/2021	16:01:12	78780.78	394763.68	41.70	Soil	9,900	-1.13
08/30/2021	16:01:13	78780.41	394763.45	41.45	Soil	11,880	0.26

SU 7D GWS RESULTS
(SOIL)

08/30/2021	16:01:14	78780.45	394763.07	41.41	Soil	12,240	0.51
08/30/2021	16:01:15	78780.14	394763.01	41.37	Soil	12,480	0.68
08/30/2021	16:01:16	78780.01	394762.60	41.36	Soil	12,120	0.43
08/30/2021	16:01:17	78779.75	394762.47	41.28	Soil	11,700	0.13
08/30/2021	16:01:18	78779.64	394762.22	41.22	Soil	12,900	0.98
08/30/2021	16:01:19	78779.39	394762.07	41.17	Soil	12,300	0.55
08/30/2021	16:01:20	78779.22	394761.80	41.14	Soil	13,620	1.48
08/30/2021	16:01:21	78779.12	394761.62	41.10	Soil	10,620	-0.62
08/30/2021	16:01:22	78778.90	394761.45	41.06	Soil	11,220	-0.20
08/30/2021	16:01:23	78778.78	394761.21	41.03	Soil	11,640	0.09
08/30/2021	16:01:24	78778.54	394761.05	40.99	Soil	11,580	0.05
08/30/2021	16:01:25	78778.38	394760.77	40.95	Soil	11,820	0.22
08/30/2021	16:01:26	78778.11	394760.66	40.96	Soil	11,520	0.01
08/30/2021	16:01:27	78778.00	394760.37	40.99	Soil	10,560	-0.67
08/30/2021	16:01:28	78777.79	394760.19	41.02	Soil	13,440	1.35
08/30/2021	16:01:29	78777.59	394759.93	41.04	Soil	10,800	-0.50
08/30/2021	16:01:30	78777.38	394759.62	41.04	Soil	11,460	-0.04
08/30/2021	16:01:31	78777.14	394759.43	41.05	Soil	11,820	0.22
08/30/2021	16:01:32	78777.01	394759.12	41.02	Soil	11,160	-0.25
08/30/2021	16:01:33	78776.72	394758.90	40.99	Soil	13,800	1.61
08/30/2021	16:01:34	78776.61	394758.49	40.98	Soil	11,520	0.01
08/30/2021	16:01:35	78776.34	394758.31	40.97	Soil	12,540	0.72
08/30/2021	16:01:36	78776.17	394758.01	40.96	Soil	12,420	0.64
08/30/2021	16:01:37	78775.96	394757.80	40.95	Soil	11,580	0.05
08/30/2021	16:01:38	78775.73	394757.55	40.92	Soil	9,600	-1.34
08/30/2021	16:01:39	78775.55	394757.24	40.90	Soil	10,080	-1.00
08/30/2021	16:01:40	78775.41	394756.85	40.94	Soil	11,040	-0.33
08/30/2021	16:01:41	78775.12	394756.64	40.93	Soil	10,140	-0.96
08/30/2021	16:01:42	78775.07	394756.73	40.98	Soil	11,040	-0.33
08/30/2021	16:01:43	78775.17	394756.78	41.01	Soil	12,240	0.51
08/30/2021	16:01:44	78775.11	394756.79	41.01	Soil	9,540	-1.38
08/30/2021	16:01:45	78775.02	394756.85	41.03	Soil	11,400	-0.08
08/30/2021	16:01:46	78774.99	394756.96	41.01	Soil	10,500	-0.71
08/30/2021	16:01:47	78774.98	394756.90	41.01	Soil	10,380	-0.79
08/30/2021	16:01:48	78774.96	394756.80	41.03	Soil	10,740	-0.54
08/30/2021	16:01:49	78775.02	394756.88	41.02	Soil	11,160	-0.25
08/30/2021	16:01:50	78775.10	394757.02	41.08	Soil	11,160	-0.25
08/30/2021	16:01:51	78775.21	394757.34	41.10	Soil	10,740	-0.54
08/30/2021	16:01:52	78775.44	394757.53	41.11	Soil	12,060	0.39
08/30/2021	16:01:53	78775.51	394757.98	41.09	Soil	12,120	0.43
08/30/2021	16:01:54	78775.80	394758.22	41.07	Soil	13,380	1.31
08/30/2021	16:01:55	78775.92	394758.62	41.05	Soil	11,040	-0.33
08/30/2021	16:01:56	78776.22	394758.84	41.02	Soil	11,760	0.18
08/30/2021	16:01:57	78776.36	394759.22	40.99	Soil	12,120	0.43
08/30/2021	16:01:58	78776.63	394759.48	40.96	Soil	13,200	1.19
08/30/2021	16:01:59	78776.79	394759.86	40.93	Soil	9,120	-1.68
08/30/2021	16:02:00	78777.01	394760.13	40.93	Soil	12,600	0.76
08/30/2021	16:02:01	78777.38	394760.43	40.96	Soil	11,520	0.01
08/30/2021	16:02:02	78777.65	394760.72	40.97	Soil	10,740	-0.54
08/30/2021	16:02:03	78777.92	394760.99	40.98	Soil	11,340	-0.12
08/30/2021	16:02:04	78778.11	394761.36	41.00	Soil	12,660	0.81

SU 7D GWS RESULTS
(SOIL)

08/30/2021	16:02:05	78778.40	394761.59	41.07	Soil	11,040	-0.33
08/30/2021	16:02:06	78778.58	394761.93	41.14	Soil	11,040	-0.33
08/30/2021	16:02:07	78778.87	394762.16	41.19	Soil	11,100	-0.29
08/30/2021	16:02:08	78779.05	394762.50	41.21	Soil	12,300	0.55
08/30/2021	16:02:09	78779.32	394762.70	41.22	Soil	11,760	0.18
08/30/2021	16:02:10	78779.56	394763.08	41.25	Soil	10,680	-0.58
08/30/2021	16:02:11	78779.93	394763.48	41.56	Soil	11,160	-0.25
08/30/2021	16:02:12	78780.03	394763.85	41.55	Soil	8,880	-1.85
08/30/2021	16:02:13	78780.30	394763.99	41.59	Soil	10,320	-0.84
08/30/2021	16:02:14	78780.53	394764.29	41.60	Soil	11,160	-0.25
08/30/2021	16:02:15	78780.76	394764.48	41.64	Soil	11,280	-0.16
08/30/2021	16:02:16	78781.03	394764.77	41.64	Soil	9,300	-1.55
08/30/2021	16:02:17	78781.18	394765.03	41.66	Soil	9,960	-1.09
08/30/2021	16:02:18	78781.48	394765.28	41.68	Soil	9,600	-1.34
08/30/2021	16:02:19	78781.56	394765.64	41.67	Soil	11,520	0.01
08/30/2021	16:02:20	78781.88	394765.77	41.67	Soil	9,780	-1.21
08/30/2021	16:02:21	78782.03	394766.12	41.66	Soil	11,160	-0.25
08/30/2021	16:02:22	78782.30	394766.31	41.63	Soil	11,460	-0.04
08/30/2021	16:02:23	78782.42	394766.52	41.66	Soil	9,420	-1.47
08/30/2021	16:02:24	78782.58	394766.71	41.64	Soil	11,400	-0.08
08/30/2021	16:02:25	78782.80	394766.74	41.63	Soil	10,980	-0.37
08/30/2021	16:02:26	78782.85	394766.88	41.62	Soil	10,740	-0.54
08/30/2021	16:02:27	78782.97	394767.25	41.62	Soil	9,420	-1.47
08/30/2021	16:02:28	78782.96	394767.38	41.61	Soil	9,000	-1.76
08/30/2021	16:02:29	78782.96	394767.33	41.60	Soil	9,480	-1.42
08/30/2021	16:02:30	78782.74	394767.23	41.61	Soil	11,520	0.01
08/30/2021	16:02:31	78782.56	394766.95	41.61	Soil	8,580	-2.06
08/30/2021	16:02:32	78782.24	394766.80	41.59	Soil	9,780	-1.21
08/30/2021	16:02:33	78782.10	394766.53	41.60	Soil	9,840	-1.17
08/30/2021	16:02:34	78781.85	394766.39	41.59	Soil	9,840	-1.17
08/30/2021	16:02:35	78781.65	394766.17	41.61	Soil	10,800	-0.50
08/30/2021	16:02:36	78781.49	394765.91	41.60	Soil	9,360	-1.51
08/30/2021	16:02:37	78781.25	394765.75	41.61	Soil	10,500	-0.71
08/30/2021	16:02:38	78781.10	394765.49	41.62	Soil	11,220	-0.20
08/30/2021	16:02:39	78780.78	394765.32	41.64	Soil	11,700	0.13
08/30/2021	16:02:40	78780.62	394764.97	41.66	Soil	10,800	-0.50
08/30/2021	16:02:41	78780.20	394764.71	41.70	Soil	10,380	-0.79
08/30/2021	16:02:42	78780.00	394764.40	41.71	Soil	10,740	-0.54
08/30/2021	16:02:43	78779.69	394764.22	41.68	Soil	13,440	1.35
08/30/2021	16:02:44	78779.40	394763.90	41.52	Soil	12,120	0.43
08/30/2021	16:02:45	78779.25	394763.52	41.45	Soil	11,280	-0.16
08/30/2021	16:02:46	78778.92	394763.37	41.38	Soil	13,140	1.14
08/30/2021	16:02:47	78778.80	394763.03	41.29	Soil	11,640	0.09
08/30/2021	16:02:48	78778.51	394762.82	41.28	Soil	12,780	0.89
08/30/2021	16:02:49	78778.35	394762.49	41.22	Soil	12,600	0.76
08/30/2021	16:02:50	78778.05	394762.36	41.18	Soil	12,120	0.43
08/30/2021	16:02:51	78777.87	394762.05	41.11	Soil	9,120	-1.68
08/30/2021	16:02:52	78777.59	394761.82	41.09	Soil	12,600	0.76
08/30/2021	16:02:53	78777.36	394761.46	41.07	Soil	10,620	-0.62
08/30/2021	16:02:54	78777.16	394761.08	41.08	Soil	10,860	-0.46
08/30/2021	16:02:55	78776.85	394760.80	41.09	Soil	10,140	-0.96

SU 7D GWS RESULTS
(SOIL)

08/30/2021	16:02:56	78776.71	394760.42	41.09	Soil	11,220	-0.20
08/30/2021	16:02:57	78776.43	394760.20	41.08	Soil	12,420	0.64
08/30/2021	16:02:58	78776.30	394759.83	41.13	Soil	11,280	-0.16
08/30/2021	16:02:59	78776.00	394759.48	41.15	Soil	11,280	-0.16
08/30/2021	16:03:00	78775.86	394759.18	41.21	Soil	13,740	1.56
08/30/2021	16:03:01	78775.62	394758.95	41.22	Soil	11,460	-0.04
08/30/2021	16:03:02	78775.47	394758.65	41.24	Soil	12,060	0.39
08/30/2021	16:03:03	78775.17	394758.38	41.23	Soil	11,940	0.30
08/30/2021	16:03:04	78775.09	394758.05	41.25	Soil	12,600	0.76
08/30/2021	16:03:05	78775.07	394757.87	41.28	Soil	11,100	-0.29
08/30/2021	16:03:06	78774.89	394757.84	41.40	Soil	12,240	0.51
08/30/2021	16:03:07	78774.44	394757.80	41.44	Soil	12,060	0.39
08/30/2021	16:03:08	78774.26	394757.54	41.38	Soil	10,740	-0.54
08/30/2021	16:03:09	78774.29	394757.49	41.38	Soil	11,880	0.26
08/30/2021	16:03:10	78774.13	394757.66	41.34	Soil	11,280	-0.16
08/30/2021	16:03:11	78774.22	394757.88	41.27	Soil	11,400	-0.08
08/30/2021	16:03:12	78774.43	394758.07	41.27	Soil	10,500	-0.71
08/30/2021	16:03:13	78774.57	394758.42	41.29	Soil	13,380	1.31
08/30/2021	16:03:14	78774.74	394758.67	41.28	Soil	13,440	1.35
08/30/2021	16:03:15	78774.92	394758.94	41.25	Soil	11,820	0.22
08/30/2021	16:03:16	78775.09	394759.11	41.24	Soil	11,100	-0.29
08/30/2021	16:03:17	78775.32	394759.35	41.19	Soil	10,620	-0.62
08/30/2021	16:03:18	78775.50	394759.60	41.14	Soil	10,800	-0.50
08/30/2021	16:03:19	78775.80	394759.81	41.19	Soil	10,740	-0.54
08/30/2021	16:03:20	78775.96	394760.23	41.19	Soil	10,140	-0.96
08/30/2021	16:03:21	78776.24	394760.43	41.19	Soil	11,220	-0.20
08/30/2021	16:03:22	78776.32	394760.87	41.19	Soil	11,400	-0.08
08/30/2021	16:03:23	78776.59	394761.05	41.18	Soil	11,340	-0.12
08/30/2021	16:03:24	78776.74	394761.40	41.13	Soil	9,060	-1.72
08/30/2021	16:03:25	78777.01	394761.54	41.13	Soil	10,260	-0.88
08/30/2021	16:03:26	78777.26	394761.86	41.17	Soil	10,800	-0.50
08/30/2021	16:03:27	78777.44	394762.14	41.23	Soil	10,140	-0.96
08/30/2021	16:03:28	78777.70	394762.32	41.26	Soil	10,860	-0.46
08/30/2021	16:03:29	78777.86	394762.65	41.33	Soil	12,060	0.39
08/30/2021	16:03:30	78778.16	394762.89	41.40	Soil	12,180	0.47
08/30/2021	16:03:31	78778.27	394763.20	41.40	Soil	11,760	0.18
08/30/2021	16:03:32	78778.56	394763.37	41.41	Soil	11,400	-0.08
08/30/2021	16:03:33	78778.73	394763.66	41.60	Soil	11,820	0.22
08/30/2021	16:03:34	78779.02	394763.92	41.64	Soil	11,280	-0.16
08/30/2021	16:03:35	78779.15	394764.27	41.64	Soil	11,520	0.01
08/30/2021	16:03:36	78779.43	394764.58	41.65	Soil	9,060	-1.72
08/30/2021	16:03:37	78779.59	394765.05	41.67	Soil	10,320	-0.84
08/30/2021	16:03:38	78780.04	394765.39	41.68	Soil	10,260	-0.88
08/30/2021	16:03:39	78780.46	394765.85	41.69	Soil	10,080	-1.00
08/30/2021	16:03:40	78780.89	394766.28	41.67	Soil	10,380	-0.79
08/30/2021	16:03:41	78781.14	394766.85	41.68	Soil	10,500	-0.71
08/30/2021	16:03:42	78781.67	394767.07	41.68	Soil	9,960	-1.09
08/30/2021	16:03:43	78781.67	394767.29	41.67	Soil	9,480	-1.42
08/30/2021	16:03:44	78781.56	394767.50	41.70	Soil	9,060	-1.72
08/30/2021	16:03:45	78781.33	394767.62	41.68	Soil	10,260	-0.88
08/30/2021	16:03:46	78781.31	394767.56	41.67	Soil	9,900	-1.13

SU 7D GWS RESULTS
(SOIL)

08/30/2021	16:03:47	78780.95	394767.42	41.67	Soil	10,320	-0.84
08/30/2021	16:03:48	78780.78	394767.06	41.66	Soil	9,780	-1.21
08/30/2021	16:03:49	78780.43	394766.85	41.67	Soil	11,760	0.18
08/30/2021	16:03:50	78780.21	394766.45	41.63	Soil	11,040	-0.33
08/30/2021	16:03:51	78779.90	394766.19	41.62	Soil	9,780	-1.21
08/30/2021	16:03:52	78779.72	394765.80	41.62	Soil	11,460	-0.04
08/30/2021	16:03:53	78779.49	394765.54	41.64	Soil	9,900	-1.13
08/30/2021	16:03:54	78779.25	394765.27	41.67	Soil	11,040	-0.33
08/30/2021	16:03:55	78779.07	394764.99	41.69	Soil	9,600	-1.34
08/30/2021	16:03:56	78778.74	394764.76	41.69	Soil	11,640	0.09
08/30/2021	16:03:57	78778.60	394764.46	41.69	Soil	10,440	-0.75
08/30/2021	16:03:58	78778.26	394764.27	41.62	Soil	11,940	0.30
08/30/2021	16:03:59	78778.20	394763.91	41.49	Soil	12,420	0.64
08/30/2021	16:04:00	78777.98	394763.76	41.41	Soil	10,620	-0.62
08/30/2021	16:04:01	78777.88	394763.50	41.37	Soil	13,620	1.48
08/30/2021	16:04:02	78777.61	394763.31	41.35	Soil	11,640	0.09
08/30/2021	16:04:03	78777.47	394762.97	41.37	Soil	10,200	-0.92
08/30/2021	16:04:04	78777.21	394762.75	41.34	Soil	10,920	-0.41
08/30/2021	16:04:05	78777.06	394762.47	41.30	Soil	10,620	-0.62
08/30/2021	16:04:06	78776.79	394762.24	41.26	Soil	11,640	0.09
08/30/2021	16:04:07	78776.61	394761.94	41.25	Soil	9,900	-1.13
08/30/2021	16:04:08	78776.41	394761.63	41.27	Soil	10,620	-0.62
08/30/2021	16:04:09	78776.18	394761.38	41.26	Soil	12,660	0.81
08/30/2021	16:04:10	78776.07	394761.07	41.28	Soil	11,340	-0.12
08/30/2021	16:04:11	78775.79	394760.86	41.26	Soil	12,060	0.39
08/30/2021	16:04:12	78775.67	394760.51	41.32	Soil	12,660	0.81
08/30/2021	16:04:13	78775.37	394760.32	41.37	Soil	13,800	1.61
08/30/2021	16:04:14	78775.26	394760.00	41.39	Soil	12,360	0.60
08/30/2021	16:04:15	78775.02	394759.77	41.40	Soil	10,980	-0.37
08/30/2021	16:04:16	78774.87	394759.48	41.43	Soil	14,220	1.90
08/30/2021	16:04:17	78774.65	394759.27	41.48	Soil	11,340	-0.12
08/30/2021	16:04:18	78774.46	394759.01	41.47	Soil	10,920	-0.41
08/30/2021	16:04:19	78774.34	394758.76	41.49	Soil	12,540	0.72
08/30/2021	16:04:20	78774.09	394758.65	41.46	Soil	12,780	0.89
08/30/2021	16:04:21	78774.09	394758.36	41.46	Soil	10,560	-0.67
08/30/2021	16:04:22	78774.01	394758.29	41.45	Soil	11,760	0.18
08/30/2021	16:04:23	78773.98	394758.27	41.41	Soil	10,380	-0.79
08/30/2021	16:04:24	78773.73	394758.28	41.38	Soil	11,520	0.01
08/30/2021	16:04:25	78773.46	394757.89	41.36	Soil	10,860	-0.46
08/30/2021	16:04:26	78773.22	394758.05	41.37	Soil	10,740	-0.54
08/30/2021	16:04:27	78773.32	394758.21	41.38	Soil	12,840	0.93
08/30/2021	16:04:28	78773.35	394758.51	41.43	Soil	13,080	1.10
08/30/2021	16:04:29	78773.70	394758.65	41.45	Soil	14,220	1.90
08/30/2021	16:04:30	78773.74	394759.00	41.40	Soil	12,600	0.76
08/30/2021	16:04:31	78774.04	394759.18	41.41	Soil	12,720	0.85
08/30/2021	16:04:32	78774.17	394759.58	41.39	Soil	11,880	0.26
08/30/2021	16:04:33	78774.46	394759.80	41.43	Soil	12,540	0.72
08/30/2021	16:04:34	78774.66	394760.18	41.42	Soil	13,080	1.10
08/30/2021	16:04:35	78774.96	394760.39	41.42	Soil	13,680	1.52
08/30/2021	16:04:36	78775.11	394760.74	41.38	Soil	11,940	0.30
08/30/2021	16:04:37	78775.38	394760.99	41.34	Soil	11,520	0.01

SU 7D GWS RESULTS
(SOIL)

08/30/2021	16:04:38	78775.61	394761.34	41.30	Soil	13,140	1.14
08/30/2021	16:04:39	78775.85	394761.60	41.30	Soil	11,460	-0.04
08/30/2021	16:04:40	78776.17	394761.97	41.29	Soil	12,060	0.39
08/30/2021	16:04:41	78776.31	394762.37	41.30	Soil	11,760	0.18
08/30/2021	16:04:42	78776.64	394762.59	41.35	Soil	11,040	-0.33
08/30/2021	16:04:43	78776.80	394763.06	41.39	Soil	10,620	-0.62
08/30/2021	16:04:44	78777.19	394763.33	41.41	Soil	10,320	-0.84
08/30/2021	16:04:45	78777.36	394763.73	41.51	Soil	12,600	0.76
08/30/2021	16:04:46	78777.72	394763.99	41.60	Soil	11,340	-0.12
08/30/2021	16:04:47	78777.80	394764.34	41.60	Soil	10,200	-0.92
08/30/2021	16:04:48	78778.16	394764.64	41.61	Soil	11,220	-0.20
08/30/2021	16:04:49	78778.39	394765.10	41.64	Soil	10,080	-1.00
08/30/2021	16:04:50	78778.73	394765.43	41.65	Soil	10,020	-1.05
08/30/2021	16:04:51	78778.92	394765.93	41.64	Soil	9,540	-1.38
08/30/2021	16:04:52	78779.30	394766.21	41.61	Soil	9,600	-1.34
08/30/2021	16:04:53	78779.50	394766.60	41.59	Soil	9,960	-1.09
08/30/2021	16:04:54	78779.75	394766.86	41.59	Soil	9,360	-1.51
08/30/2021	16:04:55	78780.03	394767.13	41.60	Soil	11,580	0.05
08/30/2021	16:04:56	78780.21	394767.23	41.58	Soil	9,180	-1.64
08/30/2021	16:04:57	78780.34	394767.27	41.54	Soil	10,680	-0.58
08/30/2021	16:04:58	78780.29	394767.40	41.55	Soil	11,100	-0.29
08/30/2021	16:04:59	78780.05	394767.90	41.54	Soil	8,940	-1.80
08/30/2021	16:05:00	78779.94	394767.77	41.54	Soil	9,000	-1.76
08/30/2021	16:05:01	78779.63	394767.31	41.53	Soil	8,640	-2.01
08/30/2021	16:05:02	78779.29	394767.08	41.53	Soil	9,360	-1.51
08/30/2021	16:05:03	78779.30	394766.80	41.53	Soil	10,560	-0.67
08/30/2021	16:05:04	78778.98	394766.64	41.52	Soil	10,200	-0.92
08/30/2021	16:05:05	78778.86	394766.25	41.51	Soil	9,240	-1.59
08/30/2021	16:05:06	78778.56	394766.01	41.54	Soil	10,020	-1.05
08/30/2021	16:05:07	78778.36	394765.65	41.58	Soil	10,260	-0.88
08/30/2021	16:05:08	78778.09	394765.40	41.61	Soil	10,860	-0.46
08/30/2021	16:05:09	78777.91	394765.10	41.61	Soil	9,240	-1.59
08/30/2021	16:05:10	78777.64	394764.76	41.59	Soil	11,040	-0.33
08/30/2021	16:05:11	78777.42	394764.45	41.59	Soil	10,980	-0.37
08/30/2021	16:05:12	78777.20	394764.06	41.51	Soil	9,480	-1.42
08/30/2021	16:05:13	78776.95	394763.80	41.43	Soil	10,620	-0.62
08/30/2021	16:05:14	78776.84	394763.39	41.38	Soil	11,700	0.13
08/30/2021	16:05:15	78776.55	394763.17	41.32	Soil	10,020	-1.05
08/30/2021	16:05:16	78776.41	394762.69	41.32	Soil	10,380	-0.79
08/30/2021	16:05:17	78776.09	394762.39	41.29	Soil	9,480	-1.42
08/30/2021	16:05:18	78775.96	394761.96	41.33	Soil	12,900	0.98
08/30/2021	16:05:19	78775.59	394761.74	41.35	Soil	11,640	0.09
08/30/2021	16:05:20	78775.36	394761.04	41.35	Soil	12,960	1.02
08/30/2021	16:05:21	78774.92	394760.83	41.39	Soil	12,900	0.98
08/30/2021	16:05:22	78774.69	394760.38	41.48	Soil	11,340	-0.12
08/30/2021	16:05:23	78774.23	394760.07	41.45	Soil	11,340	-0.12
08/30/2021	16:05:24	78774.08	394759.61	41.44	Soil	11,460	-0.04
08/30/2021	16:05:25	78773.72	394759.39	41.46	Soil	12,120	0.43
08/30/2021	16:05:26	78773.48	394759.04	41.46	Soil	12,240	0.51
08/30/2021	16:05:27	78773.11	394759.07	41.48	Soil	10,920	-0.41
08/30/2021	16:05:28	78773.03	394759.02	41.46	Soil	11,700	0.13

SU 7D GWS RESULTS
(SOIL)

08/30/2021	16:05:29	78772.54	394758.70	41.47	Soil	11,760	0.18
08/30/2021	16:05:30	78772.46	394758.62	41.45	Soil	11,880	0.26
08/30/2021	16:05:31	78772.48	394758.65	41.50	Soil	12,360	0.60
08/30/2021	16:05:32	78772.41	394759.12	41.45	Soil	13,200	1.19
08/30/2021	16:05:33	78772.57	394759.44	41.40	Soil	13,020	1.06
08/30/2021	16:05:34	78772.65	394760.04	41.37	Soil	12,180	0.47
08/30/2021	16:05:35	78772.95	394760.23	41.41	Soil	11,940	0.30
08/30/2021	16:05:36	78773.30	394760.70	41.44	Soil	13,800	1.61
08/30/2021	16:05:37	78773.56	394761.08	41.51	Soil	13,800	1.61
08/30/2021	16:05:38	78773.58	394761.45	41.48	Soil	12,300	0.55
08/30/2021	16:05:39	78773.79	394762.02	41.48	Soil	10,200	-0.92
08/30/2021	16:05:40	78774.02	394762.65	41.46	Soil	13,620	1.48
08/30/2021	16:05:41	78774.33	394762.69	41.48	Soil	12,240	0.51
08/30/2021	16:05:42	78774.55	394763.10	41.52	Soil	12,000	0.34
08/30/2021	16:05:43	78774.80	394763.11	41.52	Soil	12,720	0.85
08/30/2021	16:05:44	78774.75	394763.20	41.55	Soil	11,220	-0.20
08/30/2021	16:05:45	78775.08	394763.08	41.52	Soil	11,040	-0.33
08/30/2021	16:05:46	78775.26	394763.08	41.36	Soil	11,280	-0.16
08/30/2021	16:05:47	78775.64	394763.06	41.25	Soil	10,560	-0.67
08/30/2021	16:05:48	78775.97	394762.83	41.27	Soil	13,560	1.44
08/30/2021	16:05:49	78775.91	394763.10	41.38	Soil	11,160	-0.25
08/30/2021	16:05:50	78776.14	394763.50	41.46	Soil	9,960	-1.09
08/30/2021	16:05:51	78776.23	394763.84	41.45	Soil	9,660	-1.30
08/30/2021	16:05:52	78776.59	394764.18	41.49	Soil	10,800	-0.50
08/30/2021	16:05:53	78776.93	394764.61	41.51	Soil	10,800	-0.50
08/30/2021	16:05:54	78777.24	394764.93	41.53	Soil	11,940	0.30
08/30/2021	16:05:55	78777.40	394765.37	41.53	Soil	9,360	-1.51
08/30/2021	16:05:56	78777.72	394765.72	41.51	Soil	12,180	0.47
08/30/2021	16:05:57	78777.71	394765.85	41.54	Soil	10,020	-1.05
08/30/2021	16:05:58	78777.76	394765.90	41.56	Soil	11,100	-0.29
08/30/2021	16:05:59	78777.80	394765.91	41.56	Soil	11,820	0.22
08/30/2021	16:06:00	78777.82	394765.89	41.57	Soil	9,540	-1.38
08/30/2021	16:06:01	78777.82	394765.87	41.57	Soil	8,760	-1.93
08/30/2021	16:07:06	78786.80	394770.10	41.58	Soil	8,820	-1.89
08/30/2021	16:07:07	78786.84	394770.10	41.58	Soil	10,860	-0.46
08/30/2021	16:07:08	78786.83	394770.00	41.57	Soil	10,380	-0.79
08/30/2021	16:07:09	78786.57	394769.76	41.56	Soil	9,240	-1.59
08/30/2021	16:07:10	78786.74	394770.09	41.56	Soil	8,160	-2.35
08/30/2021	16:07:11	78786.66	394770.11	41.63	Soil	9,900	-1.13
08/30/2021	16:08:14	78794.06	394758.32	41.32	Soil	12,480	0.68
08/30/2021	16:08:14	78794.03	394758.33	41.28	Soil	11,700	0.13
08/30/2021	16:08:15	78794.12	394758.43	41.20	Soil	11,160	-0.25
08/30/2021	16:08:16	78794.15	394758.74	41.16	Soil	9,420	-1.47
08/30/2021	16:08:17	78794.29	394759.07	41.04	Soil	11,040	-0.33
08/30/2021	16:08:18	78794.45	394759.45	41.01	Soil	12,060	0.39
08/30/2021	16:08:19	78794.59	394759.77	41.01	Soil	11,520	0.01
08/30/2021	16:08:20	78794.78	394760.10	40.99	Soil	11,460	-0.04
08/30/2021	16:08:21	78794.74	394760.46	40.76	Soil	10,860	-0.46
08/30/2021	16:08:22	78794.78	394760.71	40.76	Soil	9,660	-1.30
08/30/2021	16:08:23	78794.54	394761.02	40.61	Soil	10,260	-0.88
08/30/2021	16:08:24	78794.82	394761.24	40.52	Soil	11,580	0.05

SU 7D GWS RESULTS
(SOIL)

08/30/2021	16:08:25	78794.61	394761.58	40.33	Soil	9,420	-1.47
08/30/2021	16:08:26	78794.77	394761.86	40.33	Soil	9,600	-1.34
08/30/2021	16:08:27	78794.72	394762.15	40.30	Soil	10,560	-0.67
08/30/2021	16:08:28	78794.80	394762.15	40.33	Soil	9,420	-1.47
08/30/2021	16:08:29	78794.96	394762.34	40.33	Soil	10,140	-0.96
08/30/2021	16:08:30	78794.97	394762.58	40.23	Soil	9,480	-1.42
08/30/2021	16:08:31	78794.86	394762.74	40.17	Soil	8,700	-1.97
08/30/2021	16:08:32	78795.25	394763.10	40.21	Soil	9,240	-1.59
08/30/2021	16:08:33	78795.37	394763.27	40.26	Soil	8,640	-2.01
08/30/2021	16:08:34	78795.47	394763.36	40.41	Soil	10,260	-0.88
08/30/2021	16:08:35	78795.64	394763.57	40.50	Soil	11,400	-0.08
08/30/2021	16:08:36	78795.64	394763.84	40.50	Soil	9,720	-1.26
08/30/2021	16:08:37	78795.71	394764.04	40.56	Soil	10,560	-0.67
08/30/2021	16:08:38	78795.98	394764.07	40.67	Soil	10,020	-1.05
08/30/2021	16:08:39	78795.86	394764.37	40.58	Soil	13,500	1.40
08/30/2021	16:08:40	78795.97	394764.66	40.59	Soil	9,360	-1.51
08/30/2021	16:08:41	78796.17	394764.94	40.62	Soil	10,140	-0.96
08/30/2021	16:08:42	78796.21	394765.47	40.65	Soil	10,140	-0.96
08/30/2021	16:08:43	78796.46	394765.69	40.83	Soil	9,840	-1.17
08/30/2021	16:08:44	78796.32	394766.04	40.88	Soil	10,680	-0.58
08/30/2021	16:08:45	78796.28	394766.54	41.01	Soil	9,900	-1.13
08/30/2021	16:08:46	78796.37	394766.92	41.03	Soil	9,180	-1.64
08/30/2021	16:08:47	78796.35	394767.27	41.03	Soil	10,260	-0.88
08/30/2021	16:08:48	78796.11	394767.66	41.08	Soil	10,020	-1.05
08/30/2021	16:08:49	78795.96	394768.29	41.22	Soil	10,620	-0.62
08/30/2021	16:08:50	78795.59	394768.55	41.24	Soil	8,580	-2.06
08/30/2021	16:08:51	78795.39	394768.90	41.29	Soil	8,400	-2.18
08/30/2021	16:08:52	78794.96	394769.02	41.29	Soil	9,000	-1.76
08/30/2021	16:08:53	78794.83	394769.27	41.28	Soil	9,600	-1.34
08/30/2021	16:08:54	78794.53	394769.41	41.28	Soil	7,440	-2.86
08/30/2021	16:08:55	78794.36	394769.70	41.31	Soil	8,940	-1.80
08/30/2021	16:08:56	78794.54	394770.04	41.31	Soil	7,260	-2.98
08/30/2021	16:08:57	78794.59	394770.41	41.27	Soil	8,220	-2.31
08/30/2021	16:08:58	78794.45	394770.91	41.18	Soil	8,280	-2.27
08/30/2021	16:08:59	78794.08	394771.42	41.26	Soil	8,580	-2.06
08/30/2021	16:09:00	78793.55	394771.22	41.29	Soil	9,360	-1.51
08/30/2021	16:09:01	78793.02	394771.40	41.49	Soil	8,340	-2.22
08/30/2021	16:09:02	78792.62	394771.29	41.57	Soil	9,120	-1.68
08/30/2021	16:09:03	78792.32	394771.32	41.66	Soil	8,100	-2.39
08/30/2021	16:09:04	78791.93	394771.12	41.70	Soil	8,460	-2.14
08/30/2021	16:09:05	78791.59	394771.20	41.74	Soil	7,860	-2.56
08/30/2021	16:09:06	78791.12	394771.19	41.75	Soil	6,720	-3.36
08/30/2021	16:09:07	78790.72	394771.31	41.76	Soil	7,200	-3.02
08/30/2021	16:09:08	78790.31	394771.31	41.75	Soil	9,120	-1.68
08/30/2021	16:09:09	78789.93	394771.41	41.74	Soil	7,800	-2.60
08/30/2021	16:09:10	78789.53	394771.41	41.72	Soil	8,520	-2.10
08/30/2021	16:09:11	78789.11	394771.46	41.76	Soil	8,580	-2.06
08/30/2021	16:09:12	78788.68	394771.77	41.77	Soil	9,120	-1.68
08/30/2021	16:09:13	78788.29	394771.96	41.67	Soil	9,960	-1.09
08/30/2021	16:09:14	78787.79	394771.90	41.65	Soil	10,140	-0.96
08/30/2021	16:09:15	78787.53	394771.73	41.50	Soil	11,820	0.22

SU 7D GWS RESULTS
(SOIL)

08/30/2021	16:09:16	78787.14	394771.44	41.41	Soil	11,460	-0.04
08/30/2021	16:09:17	78787.14	394771.22	41.44	Soil	9,720	-1.26
08/30/2021	16:09:18	78787.08	394771.16	41.47	Soil	10,140	-0.96
08/30/2021	16:09:19	78786.73	394771.22	41.49	Soil	10,800	-0.50
08/30/2021	16:09:20	78786.10	394771.06	41.53	Soil	10,080	-1.00
08/30/2021	16:09:21	78785.50	394770.94	41.52	Soil	10,200	-0.92
08/30/2021	16:09:22	78785.06	394770.86	41.54	Soil	11,100	-0.29
08/30/2021	16:09:23	78784.88	394770.85	41.54	Soil	9,780	-1.21
08/30/2021	16:09:24	78784.83	394770.84	41.55	Soil	10,080	-1.00
08/30/2021	16:09:25	78784.81	394770.83	41.54	Soil	10,200	-0.92
08/30/2021	16:09:26	78784.79	394770.84	41.54	Soil	9,780	-1.21
08/30/2021	16:09:27	78784.80	394770.82	41.53	Soil	9,720	-1.26
08/30/2021	16:09:28	78784.82	394770.83	41.53	Soil	10,440	-0.75
08/30/2021	16:09:29	78784.82	394770.84	41.54	Soil	9,420	-1.47
08/30/2021	16:09:30	78784.81	394770.86	41.56	Soil	9,660	-1.30
08/30/2021	16:09:31	78784.81	394770.88	41.57	Soil	10,680	-0.58
08/30/2021	16:09:32	78784.78	394770.84	41.59	Soil	11,460	-0.04
08/30/2021	16:09:33	78784.76	394770.80	41.58	Soil	10,440	-0.75
08/30/2021	16:09:34	78784.78	394770.80	41.57	Soil	10,080	-1.00
08/30/2021	16:09:35	78784.59	394770.78	41.55	Soil	11,040	-0.33
08/30/2021	16:09:36	78784.12	394770.77	41.54	Soil	11,280	-0.16
08/30/2021	16:09:37	78783.53	394770.64	41.52	Soil	11,640	0.09
08/30/2021	16:09:38	78782.78	394770.40	41.51	Soil	9,180	-1.64
08/30/2021	16:09:39	78782.39	394770.41	41.53	Soil	9,300	-1.55
08/30/2021	16:09:40	78782.03	394770.26	41.56	Soil	9,360	-1.51
08/30/2021	16:09:41	78781.49	394770.42	41.60	Soil	9,960	-1.09
08/30/2021	16:09:42	78780.82	394770.18	41.66	Soil	8,820	-1.89
08/30/2021	16:09:43	78780.16	394770.26	41.68	Soil	9,960	-1.09
08/30/2021	16:09:44	78779.53	394770.07	41.69	Soil	10,980	-0.37
08/30/2021	16:09:45	78778.98	394770.15	41.70	Soil	11,700	0.13
08/30/2021	16:09:46	78778.42	394770.03	41.71	Soil	10,080	-1.00
08/30/2021	16:09:47	78777.79	394770.02	41.74	Soil	9,300	-1.55
08/30/2021	16:09:48	78777.22	394769.78	41.72	Soil	11,580	0.05
08/30/2021	16:09:49	78776.59	394769.79	41.75	Soil	9,840	-1.17
08/30/2021	16:09:50	78776.06	394769.54	41.79	Soil	9,780	-1.21
08/30/2021	16:09:51	78775.45	394769.55	41.75	Soil	11,820	0.22
08/30/2021	16:09:52	78774.95	394769.29	41.76	Soil	10,140	-0.96
08/30/2021	16:09:53	78774.37	394769.34	41.71	Soil	9,480	-1.42
08/30/2021	16:09:54	78773.79	394769.11	41.70	Soil	12,600	0.76
08/30/2021	16:09:55	78773.16	394769.16	41.66	Soil	11,700	0.13
08/30/2021	16:09:56	78772.56	394769.03	41.64	Soil	11,580	0.05
08/30/2021	16:09:57	78771.93	394769.05	41.64	Soil	10,980	-0.37
08/30/2021	16:09:58	78771.46	394768.78	41.64	Soil	10,200	-0.92
08/30/2021	16:09:59	78770.91	394768.80	41.65	Soil	11,640	0.09
08/30/2021	16:10:00	78770.37	394768.59	41.65	Soil	9,900	-1.13
08/30/2021	16:10:01	78769.81	394768.65	41.64	Soil	12,420	0.64
08/30/2021	16:10:02	78769.27	394768.36	41.62	Soil	10,800	-0.50
08/30/2021	16:10:03	78768.76	394768.23	41.61	Soil	11,280	-0.16
08/30/2021	16:10:04	78768.11	394768.22	41.67	Soil	11,580	0.05
08/30/2021	16:10:05	78767.69	394768.62	41.88	Soil	11,100	-0.29
08/30/2021	16:10:06	78767.81	394768.85	41.87	Soil	11,520	0.01

SU 7D GWS RESULTS
(SOIL)

08/30/2021	16:10:07	78768.11	394769.21	41.85	Soil	9,900	-1.13
08/30/2021	16:10:08	78768.59	394769.28	41.84	Soil	10,920	-0.41
08/30/2021	16:10:09	78768.94	394769.64	41.82	Soil	10,560	-0.67
08/30/2021	16:10:10	78769.35	394769.55	41.79	Soil	11,280	-0.16
08/30/2021	16:10:11	78769.79	394769.77	41.75	Soil	12,180	0.47
08/30/2021	16:10:12	78770.31	394769.76	41.72	Soil	12,420	0.64
08/30/2021	16:10:13	78770.85	394770.03	41.73	Soil	10,740	-0.54
08/30/2021	16:10:14	78771.37	394770.03	41.73	Soil	11,340	-0.12
08/30/2021	16:10:15	78771.89	394770.20	41.76	Soil	10,440	-0.75
08/30/2021	16:10:16	78772.28	394770.13	41.71	Soil	10,920	-0.41
08/30/2021	16:10:17	78772.73	394770.27	41.73	Soil	10,680	-0.58
08/30/2021	16:10:18	78773.04	394770.21	41.70	Soil	10,500	-0.71
08/30/2021	16:10:19	78773.42	394770.30	41.61	Soil	10,560	-0.67
08/30/2021	16:10:20	78773.83	394770.21	41.60	Soil	11,220	-0.20
08/30/2021	16:10:21	78774.23	394770.30	41.58	Soil	10,680	-0.58
08/30/2021	16:10:22	78774.65	394770.30	41.57	Soil	10,440	-0.75
08/30/2021	16:10:23	78775.11	394770.51	41.59	Soil	11,520	0.01
08/30/2021	16:10:24	78775.59	394770.53	41.61	Soil	10,620	-0.62
08/30/2021	16:10:25	78776.02	394770.63	41.60	Soil	10,200	-0.92
08/30/2021	16:10:26	78776.42	394770.63	41.57	Soil	10,920	-0.41
08/30/2021	16:10:27	78776.92	394770.77	41.54	Soil	11,400	-0.08
08/30/2021	16:10:28	78777.45	394770.78	41.54	Soil	10,740	-0.54
08/30/2021	16:10:29	78777.89	394770.81	41.55	Soil	10,440	-0.75
08/30/2021	16:10:30	78778.32	394770.88	41.59	Soil	10,500	-0.71
08/30/2021	16:10:31	78778.77	394770.86	41.61	Soil	10,500	-0.71
08/30/2021	16:10:32	78779.25	394771.01	41.63	Soil	11,100	-0.29
08/30/2021	16:10:33	78779.65	394770.98	41.65	Soil	12,060	0.39
08/30/2021	16:10:34	78780.10	394771.07	41.63	Soil	12,300	0.55
08/30/2021	16:10:35	78780.58	394771.00	41.66	Soil	9,420	-1.47
08/30/2021	16:10:36	78781.06	394771.14	41.65	Soil	9,840	-1.17
08/30/2021	16:10:37	78781.53	394771.05	41.61	Soil	9,600	-1.34
08/30/2021	16:10:38	78781.98	394771.25	41.57	Soil	11,820	0.22
08/30/2021	16:10:39	78782.45	394771.17	41.51	Soil	9,660	-1.30
08/30/2021	16:10:40	78782.96	394771.32	41.52	Soil	9,480	-1.42
08/30/2021	16:10:41	78783.45	394771.25	41.51	Soil	10,020	-1.05
08/30/2021	16:10:42	78783.92	394771.41	41.52	Soil	9,000	-1.76
08/30/2021	16:10:43	78784.40	394771.38	41.47	Soil	10,980	-0.37
08/30/2021	16:10:44	78784.90	394771.55	41.45	Soil	10,620	-0.62
08/30/2021	16:10:45	78785.42	394771.45	41.43	Soil	10,920	-0.41
08/30/2021	16:10:46	78785.92	394771.63	41.39	Soil	9,660	-1.30
08/30/2021	16:10:47	78786.64	394771.57	41.37	Soil	10,500	-0.71
08/30/2021	16:10:48	78787.53	394771.87	41.60	Soil	11,760	0.18
08/30/2021	16:10:49	78787.78	394771.81	41.64	Soil	11,100	-0.29
08/30/2021	16:10:50	78788.24	394771.99	41.83	Soil	9,120	-1.68
08/30/2021	16:10:51	78788.69	394771.95	41.84	Soil	7,920	-2.52
08/30/2021	16:10:52	78789.21	394772.01	41.80	Soil	8,340	-2.22
08/30/2021	16:10:53	78789.70	394771.90	41.78	Soil	11,160	-0.25
08/30/2021	16:10:54	78790.20	394771.88	41.76	Soil	8,340	-2.22
08/30/2021	16:10:55	78790.67	394771.72	41.75	Soil	8,640	-2.01
08/30/2021	16:10:56	78791.23	394771.85	41.76	Soil	8,340	-2.22
08/30/2021	16:10:57	78791.64	394771.74	41.71	Soil	8,160	-2.35

SU 7D GWS RESULTS
(SOIL)

08/30/2021	16:10:58	78792.12	394771.89	41.66	Soil	10,080	-1.00
08/30/2021	16:10:59	78792.57	394771.78	41.61	Soil	10,080	-1.00
08/30/2021	16:11:00	78793.02	394771.92	41.49	Soil	9,240	-1.59
08/30/2021	16:11:01	78793.42	394771.85	41.41	Soil	11,160	-0.25
08/30/2021	16:11:02	78793.95	394771.96	41.37	Soil	10,080	-1.00
08/30/2021	16:11:03	78794.33	394771.68	41.35	Soil	10,260	-0.88
08/30/2021	16:11:04	78794.90	394771.35	41.35	Soil	10,200	-0.92
08/30/2021	16:11:05	78795.03	394770.83	41.33	Soil	9,300	-1.55
08/30/2021	16:11:06	78795.36	394770.43	41.34	Soil	10,560	-0.67
08/30/2021	16:11:07	78795.40	394769.88	41.35	Soil	9,240	-1.59
08/30/2021	16:11:08	78795.70	394769.53	41.34	Soil	10,380	-0.79
08/30/2021	16:11:09	78795.80	394769.12	41.33	Soil	9,780	-1.21
08/30/2021	16:11:10	78796.24	394768.78	41.35	Soil	10,680	-0.58
08/30/2021	16:11:11	78796.27	394768.54	41.35	Soil	10,200	-0.92
08/30/2021	16:11:12	78796.50	394768.38	41.29	Soil	9,900	-1.13
08/30/2021	16:11:13	78796.37	394768.11	41.17	Soil	10,080	-1.00
08/30/2021	16:11:14	78796.59	394767.67	41.11	Soil	9,780	-1.21
08/30/2021	16:11:15	78796.54	394767.26	41.10	Soil	10,080	-1.00
08/30/2021	16:11:16	78796.80	394766.93	41.15	Soil	10,800	-0.50
08/30/2021	16:11:17	78796.76	394766.70	41.15	Soil	11,700	0.13
08/30/2021	16:11:18	78796.82	394766.15	41.13	Soil	9,660	-1.30
08/30/2021	16:11:19	78796.72	394765.75	41.09	Soil	11,220	-0.20
08/30/2021	16:11:20	78796.90	394765.22	41.09	Soil	9,180	-1.64
08/30/2021	16:11:21	78796.76	394764.64	41.10	Soil	11,640	0.09
08/30/2021	16:11:22	78796.93	394764.11	41.15	Soil	12,300	0.55
08/30/2021	16:11:23	78796.89	394763.65	41.15	Soil	11,460	-0.04
08/30/2021	16:11:24	78797.08	394763.29	41.18	Soil	10,440	-0.75
08/30/2021	16:11:25	78797.10	394762.94	41.16	Soil	10,380	-0.79
08/30/2021	16:11:26	78797.19	394762.51	41.15	Soil	10,980	-0.37
08/30/2021	16:11:27	78796.97	394762.25	41.10	Soil	10,980	-0.37
08/30/2021	16:11:28	78797.07	394762.01	41.12	Soil	10,860	-0.46
08/30/2021	16:11:29	78796.93	394761.40	41.11	Soil	10,560	-0.67
08/30/2021	16:11:30	78796.63	394760.83	41.12	Soil	10,800	-0.50
08/30/2021	16:11:31	78796.18	394760.22	41.17	Soil	9,420	-1.47
08/30/2021	16:11:32	78795.92	394759.93	41.27	Soil	10,080	-1.00
08/30/2021	16:11:33	78795.89	394759.78	41.30	Soil	11,100	-0.29
08/30/2021	16:11:34	78795.74	394759.57	41.33	Soil	11,340	-0.12
08/30/2021	16:11:35	78795.61	394759.26	41.35	Soil	12,180	0.47
08/30/2021	16:11:36	78795.40	394759.02	41.40	Soil	10,440	-0.75
08/30/2021	16:11:37	78795.16	394758.72	41.41	Soil	12,060	0.39
08/30/2021	16:11:38	78794.90	394758.40	41.45	Soil	10,680	-0.58
08/30/2021	16:11:39	78794.67	394758.15	41.46	Soil	10,380	-0.79
08/30/2021	16:11:40	78794.38	394757.93	41.43	Soil	12,480	0.68
08/30/2021	16:11:41	78794.32	394757.65	41.44	Soil	10,740	-0.54
08/30/2021	16:11:42	78794.26	394757.31	41.44	Soil	11,400	-0.08
08/30/2021	16:11:43	78794.36	394756.91	41.46	Soil	10,140	-0.96
08/30/2021	16:11:44	78794.27	394756.48	41.48	Soil	11,640	0.09
08/30/2021	16:11:45	78794.37	394756.02	41.52	Soil	10,860	-0.46
08/30/2021	16:11:46	78794.44	394755.66	41.56	Soil	11,340	-0.12
08/30/2021	16:11:47	78794.64	394755.28	41.53	Soil	10,320	-0.84
08/30/2021	16:11:48	78794.61	394754.92	41.49	Soil	10,740	-0.54

SU 7D GWS RESULTS
(SOIL)

08/30/2021	16:11:49	78794.69	394754.61	41.43	Soil	10,800	-0.50
08/30/2021	16:11:50	78794.57	394754.24	41.46	Soil	11,520	0.01
08/30/2021	16:11:51	78794.62	394753.85	41.46	Soil	10,380	-0.79
08/30/2021	16:11:52	78794.62	394753.46	41.51	Soil	11,940	0.30
08/30/2021	16:11:53	78794.67	394753.04	41.53	Soil	13,800	1.61
08/30/2021	16:11:54	78794.57	394752.68	41.54	Soil	11,700	0.13
08/30/2021	16:11:55	78794.56	394752.30	41.56	Soil	12,000	0.34
08/30/2021	16:11:56	78794.62	394751.99	41.55	Soil	12,240	0.51
08/30/2021	16:11:57	78794.55	394751.63	41.56	Soil	11,640	0.09
08/30/2021	16:11:58	78794.65	394751.33	41.57	Soil	10,140	-0.96
08/30/2021	16:11:59	78794.62	394751.25	41.59	Soil	11,400	-0.08
08/30/2021	16:12:00	78794.63	394751.23	41.59	Soil	10,740	-0.54
08/30/2021	16:12:01	78794.64	394751.25	41.58	Soil	12,780	0.89
08/30/2021	16:12:02	78794.60	394751.28	41.58	Soil	9,660	-1.30
08/30/2021	16:12:03	78794.47	394751.12	41.57	Soil	12,660	0.81
08/30/2021	16:12:04	78794.74	394750.74	41.57	Soil	12,540	0.72
08/30/2021	16:12:05	78794.81	394750.76	41.53	Soil	9,840	-1.17
08/30/2021	16:12:06	78794.91	394751.11	41.48	Soil	11,940	0.30
08/30/2021	16:12:07	78794.85	394751.45	41.50	Soil	13,140	1.14
08/30/2021	16:12:08	78794.90	394751.88	41.49	Soil	14,100	1.82
08/30/2021	16:12:09	78794.81	394752.30	41.52	Soil	11,220	-0.20
08/30/2021	16:12:10	78794.95	394752.66	41.51	Soil	12,840	0.93
08/30/2021	16:12:11	78794.85	394753.09	41.57	Soil	11,580	0.05
08/30/2021	16:12:12	78795.03	394753.54	41.55	Soil	11,280	-0.16
08/30/2021	16:12:13	78795.00	394754.02	41.62	Soil	11,400	-0.08
08/30/2021	16:12:14	78795.16	394754.41	41.59	Soil	12,060	0.39
08/30/2021	16:12:15	78795.09	394754.86	41.56	Soil	12,840	0.93
08/30/2021	16:12:16	78795.26	394755.26	41.52	Soil	10,320	-0.84
08/30/2021	16:12:17	78795.14	394755.74	41.46	Soil	10,920	-0.41
08/30/2021	16:12:18	78795.27	394756.13	41.44	Soil	13,020	1.06
08/30/2021	16:12:19	78795.21	394756.55	41.41	Soil	10,860	-0.46
08/30/2021	16:12:20	78795.38	394756.88	41.39	Soil	11,100	-0.29
08/30/2021	16:12:21	78795.36	394757.29	41.30	Soil	10,440	-0.75
08/30/2021	16:12:22	78795.57	394757.70	41.26	Soil	10,920	-0.41
08/30/2021	16:12:23	78795.43	394758.03	41.21	Soil	10,620	-0.62
08/30/2021	16:12:24	78795.48	394758.36	41.18	Soil	11,520	0.01
08/30/2021	16:12:25	78795.46	394758.74	41.17	Soil	11,880	0.26
08/30/2021	16:12:26	78795.59	394759.01	41.16	Soil	9,300	-1.55
08/30/2021	16:12:27	78795.73	394759.33	41.14	Soil	11,580	0.05
08/30/2021	16:12:28	78796.00	394759.57	41.15	Soil	10,260	-0.88
08/30/2021	16:12:29	78796.15	394759.85	41.06	Soil	9,720	-1.26
08/30/2021	16:12:30	78796.47	394760.02	41.04	Soil	10,920	-0.41
08/30/2021	16:12:31	78796.67	394760.30	41.03	Soil	9,360	-1.51
08/30/2021	16:12:32	78796.88	394760.61	41.04	Soil	10,200	-0.92
08/30/2021	16:12:33	78797.09	394760.88	41.09	Soil	9,780	-1.21
08/30/2021	16:12:34	78797.31	394761.15	41.04	Soil	11,100	-0.29
08/30/2021	16:12:35	78797.46	394761.48	41.03	Soil	11,220	-0.20
08/30/2021	16:12:36	78797.52	394761.84	41.03	Soil	10,260	-0.88
08/30/2021	16:12:37	78797.62	394762.17	41.00	Soil	11,220	-0.20
08/30/2021	16:12:38	78797.49	394762.52	40.98	Soil	12,120	0.43
08/30/2021	16:12:39	78797.51	394762.91	40.94	Soil	8,520	-2.10

SU 7D GWS RESULTS
(SOIL)

08/30/2021	16:12:40	78797.39	394763.28	40.86	Soil	9,780	-1.21
08/30/2021	16:12:41	78797.44	394763.62	40.85	Soil	8,940	-1.80
08/30/2021	16:12:42	78797.29	394764.04	40.84	Soil	9,900	-1.13
08/30/2021	16:12:43	78797.36	394764.44	40.85	Soil	9,480	-1.42
08/30/2021	16:12:44	78797.28	394764.73	40.79	Soil	11,160	-0.25
08/30/2021	16:12:45	78797.33	394765.07	40.82	Soil	9,840	-1.17
08/30/2021	16:12:46	78797.16	394765.33	40.81	Soil	10,980	-0.37
08/30/2021	16:12:47	78797.13	394765.59	40.80	Soil	11,460	-0.04
08/30/2021	16:12:48	78796.95	394765.88	40.83	Soil	10,620	-0.62
08/30/2021	16:12:49	78797.01	394766.16	40.86	Soil	10,020	-1.05
08/30/2021	16:12:50	78796.96	394766.52	40.83	Soil	9,120	-1.68
08/30/2021	16:12:51	78797.03	394766.82	40.86	Soil	11,040	-0.33
08/30/2021	16:12:52	78797.24	394767.25	40.91	Soil	9,420	-1.47
08/30/2021	16:12:53	78797.26	394767.60	40.91	Soil	10,200	-0.92
08/30/2021	16:12:54	78797.20	394768.16	40.89	Soil	10,560	-0.67
08/30/2021	16:12:55	78796.78	394768.56	40.95	Soil	10,080	-1.00
08/30/2021	16:12:56	78796.50	394768.93	41.01	Soil	10,200	-0.92
08/30/2021	16:12:57	78796.25	394769.21	41.01	Soil	10,020	-1.05
08/30/2021	16:12:58	78796.12	394769.66	41.03	Soil	9,840	-1.17
08/30/2021	16:12:59	78795.89	394769.95	41.01	Soil	9,360	-1.51
08/30/2021	16:13:00	78795.84	394770.40	41.02	Soil	9,960	-1.09
08/30/2021	16:13:01	78795.64	394770.68	41.01	Soil	10,500	-0.71
08/30/2021	16:13:02	78795.64	394771.03	41.01	Soil	9,720	-1.26
08/30/2021	16:13:03	78795.43	394771.28	40.96	Soil	10,500	-0.71
08/30/2021	16:13:04	78795.14	394771.66	40.99	Soil	10,620	-0.62
08/30/2021	16:13:05	78794.82	394771.79	41.00	Soil	11,280	-0.16
08/30/2021	16:13:06	78794.53	394771.78	41.00	Soil	11,640	0.09
08/30/2021	16:13:07	78794.24	394771.85	41.00	Soil	11,340	-0.12
08/30/2021	16:13:08	78793.94	394771.78	41.01	Soil	9,480	-1.42
08/30/2021	16:13:09	78793.63	394771.87	41.04	Soil	9,180	-1.64
08/30/2021	16:13:10	78793.32	394771.80	41.09	Soil	9,480	-1.42
08/30/2021	16:13:11	78793.03	394771.99	41.14	Soil	9,660	-1.30
08/30/2021	16:13:12	78792.74	394772.02	41.21	Soil	7,980	-2.48
08/30/2021	16:13:13	78792.45	394772.11	41.26	Soil	10,560	-0.67
08/30/2021	16:13:14	78792.14	394772.10	41.34	Soil	10,020	-1.05
08/30/2021	16:13:15	78791.82	394772.19	41.39	Soil	9,000	-1.76
08/30/2021	16:13:16	78791.50	394772.10	41.42	Soil	9,720	-1.26
08/30/2021	16:13:17	78791.21	394772.22	41.46	Soil	9,660	-1.30
08/30/2021	16:13:18	78790.87	394772.16	41.49	Soil	8,820	-1.89
08/30/2021	16:13:19	78790.58	394772.28	41.52	Soil	9,600	-1.34
08/30/2021	16:13:20	78790.28	394772.26	41.52	Soil	10,980	-0.37
08/30/2021	16:13:21	78789.94	394772.35	41.56	Soil	8,760	-1.93
08/30/2021	16:13:22	78789.69	394772.33	41.55	Soil	9,540	-1.38
08/30/2021	16:13:23	78789.41	394772.39	41.57	Soil	8,700	-1.97
08/30/2021	16:13:24	78789.09	394772.46	41.57	Soil	10,320	-0.84
08/30/2021	16:13:25	78788.80	394772.47	41.57	Soil	9,180	-1.64
08/30/2021	16:13:26	78788.52	394772.57	41.56	Soil	9,600	-1.34
08/30/2021	16:13:27	78788.25	394772.50	41.54	Soil	10,020	-1.05
08/30/2021	16:13:28	78787.99	394772.59	41.46	Soil	10,500	-0.71
08/30/2021	16:13:29	78787.69	394772.54	41.41	Soil	13,020	1.06
08/30/2021	16:13:30	78787.35	394772.64	41.31	Soil	10,740	-0.54

SU 7D GWS RESULTS
(SOIL)

08/30/2021	16:13:31	78787.05	394772.58	41.24	Soil	11,400	-0.08
08/30/2021	16:13:32	78786.64	394772.66	41.24	Soil	12,240	0.51
08/30/2021	16:13:33	78786.23	394772.52	41.21	Soil	11,520	0.01
08/30/2021	16:13:34	78785.91	394772.58	41.23	Soil	9,900	-1.13
08/30/2021	16:13:35	78785.64	394772.54	41.24	Soil	10,680	-0.58
08/30/2021	16:13:36	78785.42	394772.48	41.24	Soil	12,840	0.93
08/30/2021	16:13:37	78785.18	394772.50	41.26	Soil	11,160	-0.25
08/30/2021	16:13:38	78784.94	394772.31	41.26	Soil	9,360	-1.51
08/30/2021	16:13:39	78784.68	394772.15	41.26	Soil	10,080	-1.00
08/30/2021	16:13:40	78784.35	394771.92	41.25	Soil	10,380	-0.79
08/30/2021	16:13:41	78783.94	394772.00	41.29	Soil	10,140	-0.96
08/30/2021	16:13:42	78783.50	394771.84	41.29	Soil	10,920	-0.41
08/30/2021	16:13:43	78783.18	394771.93	41.32	Soil	12,300	0.55
08/30/2021	16:13:44	78782.78	394771.82	41.33	Soil	10,500	-0.71
08/30/2021	16:13:45	78782.41	394771.87	41.38	Soil	11,160	-0.25
08/30/2021	16:13:46	78782.07	394771.78	41.38	Soil	12,600	0.76
08/30/2021	16:13:47	78781.70	394771.81	41.38	Soil	9,480	-1.42
08/30/2021	16:13:48	78781.36	394771.70	41.36	Soil	9,660	-1.30
08/30/2021	16:13:49	78780.98	394771.74	41.35	Soil	10,620	-0.62
08/30/2021	16:13:50	78780.63	394771.66	41.36	Soil	9,240	-1.59
08/30/2021	16:13:51	78780.19	394771.73	41.37	Soil	9,720	-1.26
08/30/2021	16:13:52	78779.81	394771.57	41.30	Soil	10,020	-1.05
08/30/2021	16:13:53	78779.36	394771.60	41.33	Soil	9,900	-1.13
08/30/2021	16:13:54	78778.99	394771.52	41.36	Soil	9,360	-1.51
08/30/2021	16:13:55	78778.57	394771.49	41.36	Soil	9,600	-1.34
08/30/2021	16:13:56	78778.17	394771.33	41.32	Soil	11,220	-0.20
08/30/2021	16:13:57	78777.81	394771.47	41.34	Soil	9,600	-1.34
08/30/2021	16:13:58	78777.54	394771.42	41.35	Soil	10,080	-1.00
08/30/2021	16:13:59	78777.24	394771.43	41.33	Soil	11,220	-0.20
08/30/2021	16:14:00	78776.87	394771.41	41.31	Soil	10,740	-0.54
08/30/2021	16:14:01	78776.48	394771.35	41.34	Soil	10,740	-0.54
08/30/2021	16:14:02	78776.06	394771.44	41.41	Soil	9,420	-1.47
08/30/2021	16:14:03	78775.71	394771.36	41.50	Soil	12,060	0.39
08/30/2021	16:14:04	78775.32	394771.42	41.55	Soil	12,000	0.34
08/30/2021	16:14:05	78774.96	394771.29	41.55	Soil	11,160	-0.25
08/30/2021	16:14:06	78774.59	394771.33	41.55	Soil	11,760	0.18
08/30/2021	16:14:07	78774.21	394771.21	41.53	Soil	10,620	-0.62
08/30/2021	16:14:08	78773.83	394771.22	41.50	Soil	11,040	-0.33
08/30/2021	16:14:09	78773.44	394771.04	41.49	Soil	10,800	-0.50
08/30/2021	16:14:10	78773.04	394771.07	41.48	Soil	11,880	0.26
08/30/2021	16:14:11	78772.66	394770.94	41.46	Soil	9,540	-1.38
08/30/2021	16:14:12	78772.26	394770.94	41.47	Soil	12,240	0.51
08/30/2021	16:14:13	78771.94	394770.83	41.45	Soil	8,580	-2.06
08/30/2021	16:14:14	78771.58	394770.84	41.49	Soil	10,260	-0.88
08/30/2021	16:14:15	78771.26	394770.91	41.47	Soil	11,760	0.18
08/30/2021	16:14:16	78771.08	394770.97	41.49	Soil	10,620	-0.62
08/30/2021	16:14:17	78771.07	394770.88	41.47	Soil	10,740	-0.54
08/30/2021	16:14:18	78771.07	394770.91	41.48	Soil	10,140	-0.96
08/30/2021	16:14:19	78771.07	394770.91	41.49	Soil	11,400	-0.08
08/30/2021	16:14:20	78771.01	394770.85	41.50	Soil	10,500	-0.71
08/30/2021	16:14:21	78770.78	394770.77	41.47	Soil	11,340	-0.12

SU 7D GWS RESULTS
(SOIL)

08/30/2021	16:14:22	78770.47	394770.53	41.47	Soil	9,960	-1.09
08/30/2021	16:14:23	78770.09	394770.49	41.49	Soil	10,500	-0.71
08/30/2021	16:14:24	78769.77	394770.23	41.49	Soil	10,200	-0.92
08/30/2021	16:14:25	78769.39	394770.14	41.46	Soil	9,960	-1.09
08/30/2021	16:14:26	78769.03	394769.82	41.45	Soil	9,180	-1.64
08/30/2021	16:14:27	78768.57	394769.76	41.43	Soil	11,040	-0.33
08/30/2021	16:14:28	78767.89	394769.65	41.46	Soil	11,760	0.18
08/30/2021	16:14:29	78767.79	394770.01	41.45	Soil	10,320	-0.84
08/30/2021	16:14:30	78767.91	394770.50	41.50	Soil	10,920	-0.41
08/30/2021	16:14:31	78768.21	394770.85	41.51	Soil	11,100	-0.29
08/30/2021	16:14:32	78768.57	394770.97	41.54	Soil	8,940	-1.80
08/30/2021	16:14:33	78768.97	394771.14	41.54	Soil	10,560	-0.67
08/30/2021	16:14:34	78769.31	394771.19	41.54	Soil	12,360	0.60
08/30/2021	16:14:35	78769.72	394771.22	41.55	Soil	10,440	-0.75
08/30/2021	16:14:36	78770.08	394771.33	41.57	Soil	11,760	0.18
08/30/2021	16:14:37	78770.43	394771.26	41.58	Soil	9,840	-1.17
08/30/2021	16:14:38	78770.78	394771.37	41.58	Soil	11,040	-0.33
08/30/2021	16:14:39	78771.20	394771.36	41.58	Soil	11,040	-0.33
08/30/2021	16:14:40	78771.65	394771.50	41.57	Soil	10,020	-1.05
08/30/2021	16:14:41	78772.05	394771.45	41.55	Soil	11,820	0.22
08/30/2021	16:14:42	78772.45	394771.59	41.56	Soil	11,220	-0.20
08/30/2021	16:14:43	78772.87	394771.57	41.54	Soil	9,960	-1.09
08/30/2021	16:14:44	78773.28	394771.71	41.54	Soil	12,300	0.55
08/30/2021	16:14:45	78773.70	394771.72	41.54	Soil	11,280	-0.16
08/30/2021	16:14:46	78774.05	394771.87	41.54	Soil	11,220	-0.20
08/30/2021	16:14:47	78774.40	394771.83	41.58	Soil	10,260	-0.88
08/30/2021	16:14:48	78774.78	394771.93	41.58	Soil	12,900	0.98
08/30/2021	16:14:49	78775.14	394771.85	41.53	Soil	9,600	-1.34
08/30/2021	16:14:50	78775.52	394771.93	41.55	Soil	11,520	0.01
08/30/2021	16:14:51	78775.88	394771.89	41.43	Soil	11,040	-0.33
08/30/2021	16:14:52	78776.24	394771.96	41.38	Soil	9,360	-1.51
08/30/2021	16:14:53	78776.72	394772.01	41.39	Soil	11,040	-0.33
08/30/2021	16:14:54	78777.18	394772.12	41.43	Soil	10,020	-1.05
08/30/2021	16:14:55	78777.56	394772.15	41.45	Soil	9,480	-1.42
08/30/2021	16:14:56	78777.95	394772.16	41.45	Soil	10,140	-0.96
08/30/2021	16:14:57	78778.35	394772.10	41.48	Soil	12,720	0.85
08/30/2021	16:14:58	78778.77	394772.14	41.52	Soil	12,360	0.60
08/30/2021	16:14:59	78779.06	394772.28	41.52	Soil	10,680	-0.58
08/30/2021	16:15:00	78779.36	394772.22	41.48	Soil	13,620	1.48
08/30/2021	16:15:01	78779.70	394772.31	41.48	Soil	9,840	-1.17
08/30/2021	16:15:02	78780.09	394772.24	41.45	Soil	9,000	-1.76
08/30/2021	16:15:03	78780.50	394772.31	41.45	Soil	10,080	-1.00
08/30/2021	16:15:04	78780.86	394772.21	41.43	Soil	11,040	-0.33
08/30/2021	16:15:05	78781.24	394772.30	41.46	Soil	9,780	-1.21
08/30/2021	16:15:06	78781.51	394772.28	41.46	Soil	11,520	0.01
08/30/2021	16:15:07	78781.81	394772.32	41.45	Soil	14,700	2.24
08/30/2021	16:15:08	78782.10	394772.23	41.42	Soil	12,540	0.72
08/30/2021	16:15:09	78782.44	394772.27	41.40	Soil	12,600	0.76
08/30/2021	16:15:10	78782.83	394772.21	41.39	Soil	11,460	-0.04
08/30/2021	16:15:11	78783.22	394772.27	41.39	Soil	11,760	0.18
08/30/2021	16:15:12	78783.58	394772.36	41.40	Soil	11,520	0.01

SU 7D GWS RESULTS
(SOIL)

08/30/2021	16:15:13	78783.94	394772.43	41.41	Soil	11,640	0.09
08/30/2021	16:15:14	78784.32	394772.52	41.38	Soil	10,260	-0.88
08/30/2021	16:15:15	78784.71	394772.50	41.36	Soil	11,100	-0.29
08/30/2021	16:15:16	78785.11	394772.61	41.35	Soil	9,780	-1.21
08/30/2021	16:15:17	78785.49	394772.53	41.34	Soil	11,400	-0.08
08/30/2021	16:15:18	78785.89	394772.74	41.37	Soil	10,920	-0.41
08/30/2021	16:15:19	78786.33	394772.72	41.38	Soil	12,900	0.98
08/30/2021	16:15:20	78786.78	394772.91	41.46	Soil	11,640	0.09
08/30/2021	16:15:21	78787.17	394773.02	41.47	Soil	11,340	-0.12
08/30/2021	16:15:22	78787.61	394773.09	41.52	Soil	10,440	-0.75
08/30/2021	16:15:23	78788.02	394772.97	41.55	Soil	9,180	-1.64
08/30/2021	16:15:24	78788.44	394772.98	41.59	Soil	10,320	-0.84
08/30/2021	16:15:25	78788.85	394772.94	41.63	Soil	9,660	-1.30
08/30/2021	16:15:26	78789.26	394773.00	41.64	Soil	9,780	-1.21
08/30/2021	16:15:27	78789.65	394772.89	41.63	Soil	11,640	0.09
08/30/2021	16:15:28	78790.04	394772.91	41.62	Soil	9,000	-1.76
08/30/2021	16:15:29	78790.42	394772.81	41.62	Soil	10,320	-0.84
08/30/2021	16:15:30	78790.78	394772.85	41.58	Soil	9,480	-1.42
08/30/2021	16:15:31	78791.20	394772.76	41.57	Soil	9,960	-1.09
08/30/2021	16:15:32	78791.62	394772.79	41.54	Soil	9,240	-1.59
08/30/2021	16:15:33	78791.95	394772.67	41.50	Soil	11,100	-0.29
08/30/2021	16:15:34	78792.37	394772.69	41.42	Soil	10,080	-1.00
08/30/2021	16:15:35	78792.57	394772.58	41.38	Soil	10,320	-0.84
08/30/2021	16:15:36	78792.80	394772.54	41.32	Soil	12,000	0.34
08/30/2021	16:15:37	78793.15	394772.58	41.25	Soil	11,220	-0.20
08/30/2021	16:15:38	78793.42	394772.44	41.18	Soil	11,460	-0.04
08/30/2021	16:15:39	78793.76	394772.43	41.18	Soil	9,780	-1.21
08/30/2021	16:15:40	78794.07	394772.30	41.15	Soil	10,860	-0.46
08/30/2021	16:15:41	78794.48	394772.27	41.12	Soil	8,400	-2.18
08/30/2021	16:15:42	78794.86	394772.18	41.08	Soil	10,320	-0.84
08/30/2021	16:15:43	78795.44	394772.21	41.06	Soil	11,460	-0.04
08/30/2021	16:15:44	78795.76	394772.02	41.08	Soil	9,180	-1.64
08/30/2021	16:15:45	78796.00	394771.73	41.12	Soil	10,860	-0.46
08/30/2021	16:15:46	78796.06	394771.50	41.10	Soil	9,660	-1.30
08/30/2021	16:15:47	78796.26	394771.25	41.06	Soil	11,220	-0.20
08/30/2021	16:15:48	78796.36	394770.88	41.08	Soil	11,280	-0.16
08/30/2021	16:15:49	78796.50	394770.51	41.06	Soil	10,500	-0.71
08/30/2021	16:15:50	78796.61	394770.17	41.04	Soil	10,980	-0.37
08/30/2021	16:15:51	78796.74	394769.82	41.02	Soil	10,980	-0.37
08/30/2021	16:15:52	78796.91	394769.46	41.02	Soil	8,640	-2.01
08/30/2021	16:15:53	78797.00	394769.08	41.03	Soil	10,320	-0.84
08/30/2021	16:15:54	78797.28	394768.77	41.03	Soil	10,680	-0.58
08/30/2021	16:15:55	78797.44	394768.29	41.06	Soil	8,820	-1.89
08/30/2021	16:15:56	78797.60	394767.97	41.03	Soil	11,160	-0.25
08/30/2021	16:15:57	78797.66	394767.63	41.02	Soil	12,480	0.68
08/30/2021	16:15:58	78797.85	394767.44	41.03	Soil	11,040	-0.33
08/30/2021	16:15:59	78798.08	394767.17	41.01	Soil	10,140	-0.96
08/30/2021	16:16:00	78798.47	394766.99	41.01	Soil	10,380	-0.79
08/30/2021	16:16:01	78798.72	394766.67	40.97	Soil	10,080	-1.00
08/30/2021	16:16:02	78799.04	394766.36	40.95	Soil	11,700	0.13
08/30/2021	16:16:03	78799.15	394765.98	40.91	Soil	9,600	-1.34

SU 7D GWS RESULTS
(SOIL)

08/30/2021	16:16:04	78799.47	394765.65	40.91	Soil	12,600	0.76
08/30/2021	16:16:05	78799.50	394765.28	40.89	Soil	9,780	-1.21
08/30/2021	16:16:06	78799.66	394764.91	40.90	Soil	12,480	0.68
08/30/2021	16:16:07	78799.73	394764.53	40.91	Soil	12,120	0.43
08/30/2021	16:16:08	78800.02	394764.17	40.90	Soil	11,280	-0.16
08/30/2021	16:16:09	78800.14	394763.86	40.86	Soil	10,320	-0.84
08/30/2021	16:16:10	78800.23	394763.79	40.87	Soil	10,140	-0.96
08/30/2021	16:16:11	78800.25	394763.79	40.86	Soil	10,260	-0.88
08/30/2021	16:16:12	78800.28	394763.75	40.86	Soil	10,320	-0.84
08/30/2021	16:16:13	78800.35	394763.60	40.85	Soil	11,220	-0.20
08/30/2021	16:16:14	78800.53	394763.27	40.84	Soil	8,160	-2.35
08/30/2021	16:16:15	78800.74	394762.97	40.83	Soil	12,780	0.89
08/30/2021	16:16:16	78800.84	394762.51	40.82	Soil	11,520	0.01
08/30/2021	16:16:17	78801.07	394762.05	40.83	Soil	10,680	-0.58
08/30/2021	16:16:18	78801.17	394761.52	40.85	Soil	13,320	1.27
08/30/2021	16:16:19	78801.37	394761.09	40.83	Soil	13,140	1.14
08/30/2021	16:16:20	78801.53	394760.53	40.82	Soil	12,060	0.39
08/30/2021	16:16:21	78801.75	394760.04	40.82	Soil	9,480	-1.42
08/30/2021	16:16:22	78801.85	394759.54	40.86	Soil	12,960	1.02
08/30/2021	16:16:23	78802.06	394759.14	40.88	Soil	10,380	-0.79
08/30/2021	16:16:24	78802.17	394758.67	40.85	Soil	14,040	1.78
08/30/2021	16:16:25	78802.42	394758.29	40.85	Soil	12,240	0.51
08/30/2021	16:16:26	78802.49	394757.85	40.85	Soil	13,260	1.23
08/30/2021	16:16:27	78802.76	394757.44	40.85	Soil	12,180	0.47
08/30/2021	16:16:28	78802.90	394756.99	40.86	Soil	12,600	0.76
08/30/2021	16:16:29	78803.17	394756.59	40.88	Soil	10,020	-1.05
08/30/2021	16:16:30	78803.32	394756.20	40.86	Soil	13,080	1.10
08/30/2021	16:16:31	78803.63	394755.87	40.85	Soil	11,580	0.05
08/30/2021	16:16:32	78803.79	394755.44	40.85	Soil	9,780	-1.21
08/30/2021	16:16:33	78804.08	394755.07	40.88	Soil	11,040	-0.33
08/30/2021	16:16:34	78804.22	394754.68	40.81	Soil	11,760	0.18
08/30/2021	16:16:35	78804.51	394754.25	40.84	Soil	10,560	-0.67
08/30/2021	16:16:36	78804.63	394753.79	40.80	Soil	14,460	2.07
08/30/2021	16:16:37	78804.81	394753.45	40.84	Soil	11,280	-0.16
08/30/2021	16:16:38	78804.64	394753.41	40.85	Soil	12,660	0.81
08/30/2021	16:16:39	78804.37	394753.44	40.87	Soil	11,160	-0.25
08/30/2021	16:16:40	78804.63	394753.20	40.86	Soil	11,700	0.13
08/30/2021	16:16:41	78804.73	394753.07	40.83	Soil	11,940	0.30
08/30/2021	16:16:42	78804.60	394753.32	40.85	Soil	11,640	0.09
08/30/2021	16:16:43	78804.54	394753.30	40.84	Soil	10,200	-0.92
08/30/2021	16:16:44	78804.47	394753.35	40.86	Soil	10,260	-0.88
08/30/2021	16:16:45	78804.37	394753.44	40.84	Soil	12,060	0.39
08/30/2021	16:16:46	78804.15	394753.26	40.84	Soil	12,720	0.85
08/30/2021	16:16:47	78803.82	394753.31	40.86	Soil	12,420	0.64
08/30/2021	16:16:48	78803.42	394753.25	40.86	Soil	12,000	0.34
08/30/2021	16:16:49	78803.11	394753.27	40.87	Soil	11,460	-0.04
08/30/2021	16:16:50	78802.62	394753.24	40.89	Soil	11,640	0.09
08/30/2021	16:16:51	78802.21	394753.12	40.96	Soil	11,760	0.18
08/30/2021	16:16:52	78801.79	394753.09	40.98	Soil	11,700	0.13
08/30/2021	16:16:53	78801.38	394753.02	41.01	Soil	9,600	-1.34
08/30/2021	16:16:54	78800.89	394753.08	41.02	Soil	11,220	-0.20

SU 7D GWS RESULTS
(SOIL)

08/30/2021	16:16:55	78800.44	394753.06	41.05	Soil	10,620	-0.62
08/30/2021	16:16:56	78800.01	394753.16	41.07	Soil	11,340	-0.12
08/30/2021	16:16:57	78799.60	394753.13	41.09	Soil	9,960	-1.09
08/30/2021	16:16:58	78799.27	394753.29	41.09	Soil	11,040	-0.33
08/30/2021	16:16:59	78798.82	394753.26	41.09	Soil	12,360	0.60
08/30/2021	16:17:00	78798.43	394753.34	41.11	Soil	11,520	0.01
08/30/2021	16:17:01	78798.00	394753.33	41.14	Soil	12,060	0.39
08/30/2021	16:17:02	78797.59	394753.41	41.16	Soil	10,980	-0.37
08/30/2021	16:17:03	78797.19	394753.45	41.18	Soil	12,780	0.89
08/30/2021	16:17:04	78796.83	394753.53	41.20	Soil	12,360	0.60
08/30/2021	16:17:05	78796.36	394753.60	41.23	Soil	12,000	0.34
08/30/2021	16:17:06	78795.93	394753.61	41.27	Soil	10,680	-0.58
08/30/2021	16:17:07	78795.56	394753.83	41.39	Soil	12,000	0.34
08/30/2021	16:17:08	78795.37	394753.81	41.40	Soil	12,180	0.47
08/30/2021	16:17:09	78795.32	394753.70	41.36	Soil	12,420	0.64
08/30/2021	16:17:10	78795.29	394753.63	41.35	Soil	12,360	0.60
08/30/2021	16:17:11	78795.25	394753.59	41.34	Soil	13,140	1.14
08/30/2021	16:17:12	78795.21	394753.60	41.35	Soil	13,140	1.14
08/30/2021	16:17:13	78795.14	394753.74	41.38	Soil	12,060	0.39
08/30/2021	16:17:14	78795.24	394754.00	41.38	Soil	12,540	0.72
08/30/2021	16:17:15	78795.29	394754.21	41.33	Soil	9,780	-1.21
08/30/2021	16:17:16	78795.01	394754.08	41.35	Soil	11,700	0.13
08/30/2021	16:17:17	78794.99	394754.31	41.34	Soil	11,400	-0.08
08/30/2021	16:17:18	78795.31	394754.40	41.31	Soil	12,660	0.81
08/30/2021	16:17:19	78795.62	394754.33	41.25	Soil	11,340	-0.12
08/30/2021	16:17:20	78796.02	394754.37	41.22	Soil	11,280	-0.16
08/30/2021	16:17:21	78796.38	394754.33	41.17	Soil	12,360	0.60
08/30/2021	16:17:22	78796.79	394754.27	41.18	Soil	10,500	-0.71
08/30/2021	16:17:23	78797.17	394754.30	41.18	Soil	11,160	-0.25
08/30/2021	16:17:24	78797.52	394754.19	41.15	Soil	11,580	0.05
08/30/2021	16:17:25	78797.88	394754.23	41.14	Soil	11,580	0.05
08/30/2021	16:17:26	78798.23	394754.10	41.12	Soil	13,740	1.56
08/30/2021	16:17:27	78798.62	394754.17	41.08	Soil	12,660	0.81
08/30/2021	16:17:28	78799.03	394754.09	41.08	Soil	12,660	0.81
08/30/2021	16:17:29	78799.48	394754.17	41.07	Soil	13,020	1.06
08/30/2021	16:17:30	78799.85	394754.06	41.06	Soil	11,940	0.30
08/30/2021	16:17:31	78800.24	394754.11	41.06	Soil	11,820	0.22
08/30/2021	16:17:32	78800.58	394754.04	41.05	Soil	9,300	-1.55
08/30/2021	16:17:33	78800.93	394754.06	41.04	Soil	11,400	-0.08
08/30/2021	16:17:34	78801.29	394753.96	41.02	Soil	13,020	1.06
08/30/2021	16:17:35	78801.68	394753.99	41.01	Soil	12,720	0.85
08/30/2021	16:17:36	78802.02	394754.00	41.00	Soil	11,040	-0.33
08/30/2021	16:17:37	78802.39	394753.89	40.98	Soil	10,980	-0.37
08/30/2021	16:17:38	78802.83	394753.88	40.95	Soil	11,700	0.13
08/30/2021	16:17:39	78803.25	394753.82	40.96	Soil	12,300	0.55
08/30/2021	16:17:40	78803.70	394753.90	40.94	Soil	12,540	0.72
08/30/2021	16:17:41	78804.06	394753.72	40.92	Soil	11,700	0.13
08/30/2021	16:17:42	78804.21	394753.69	40.92	Soil	10,380	-0.79
08/30/2021	16:17:43	78804.32	394753.78	40.91	Soil	10,500	-0.71
08/30/2021	16:17:44	78804.56	394753.97	40.88	Soil	11,220	-0.20
08/30/2021	16:17:45	78804.70	394754.28	40.89	Soil	15,000	2.45

SU 7D GWS RESULTS
(SOIL)

08/30/2021	16:17:46	78804.63	394754.17	40.86	Soil	11,520	0.01
08/30/2021	16:17:47	78804.42	394754.36	40.85	Soil	12,540	0.72
08/30/2021	16:17:48	78804.18	394754.29	40.85	Soil	12,240	0.51
08/30/2021	16:17:49	78803.88	394754.36	40.87	Soil	11,160	-0.25
08/30/2021	16:17:50	78803.60	394754.34	40.86	Soil	11,640	0.09
08/30/2021	16:17:51	78803.28	394754.44	40.85	Soil	12,120	0.43
08/30/2021	16:17:52	78802.91	394754.44	40.86	Soil	11,460	-0.04
08/30/2021	16:17:53	78802.54	394754.38	40.93	Soil	12,840	0.93
08/30/2021	16:17:54	78802.18	394754.43	40.93	Soil	11,040	-0.33
08/30/2021	16:17:55	78801.87	394754.39	40.95	Soil	12,480	0.68
08/30/2021	16:17:56	78801.53	394754.49	40.95	Soil	10,260	-0.88
08/30/2021	16:17:57	78801.22	394754.44	40.97	Soil	10,380	-0.79
08/30/2021	16:17:58	78800.93	394754.51	40.97	Soil	10,380	-0.79
08/30/2021	16:17:59	78800.59	394754.49	40.96	Soil	10,200	-0.92
08/30/2021	16:18:00	78800.35	394754.55	40.98	Soil	11,100	-0.29
08/30/2021	16:18:01	78800.12	394754.69	40.98	Soil	11,400	-0.08
08/30/2021	16:18:02	78799.86	394754.68	40.99	Soil	9,720	-1.26
08/30/2021	16:18:03	78799.59	394754.77	40.98	Soil	10,920	-0.41
08/30/2021	16:18:04	78799.30	394754.74	40.97	Soil	10,260	-0.88
08/30/2021	16:18:05	78799.08	394754.80	40.98	Soil	11,340	-0.12
08/30/2021	16:18:06	78798.87	394754.79	40.99	Soil	11,520	0.01
08/30/2021	16:18:07	78798.62	394754.84	41.03	Soil	12,000	0.34
08/30/2021	16:18:08	78798.39	394754.87	41.02	Soil	12,720	0.85
08/30/2021	16:18:09	78798.17	394754.83	41.05	Soil	10,800	-0.50
08/30/2021	16:18:10	78797.90	394754.89	41.06	Soil	10,800	-0.50
08/30/2021	16:18:11	78797.63	394754.83	41.09	Soil	10,800	-0.50
08/30/2021	16:18:12	78797.40	394754.86	41.12	Soil	12,420	0.64
08/30/2021	16:18:13	78797.18	394754.80	41.14	Soil	10,440	-0.75
08/30/2021	16:18:14	78796.97	394754.86	41.18	Soil	10,260	-0.88
08/30/2021	16:18:15	78796.74	394754.90	41.20	Soil	10,680	-0.58
08/30/2021	16:18:16	78796.54	394754.87	41.24	Soil	10,620	-0.62
08/30/2021	16:18:17	78796.34	394754.95	41.24	Soil	12,000	0.34
08/30/2021	16:18:18	78796.11	394754.91	41.27	Soil	13,200	1.19
08/30/2021	16:18:19	78795.90	394755.02	41.30	Soil	10,860	-0.46
08/30/2021	16:18:20	78795.75	394755.06	41.30	Soil	10,440	-0.75
08/30/2021	16:18:21	78795.58	394755.08	41.33	Soil	12,600	0.76
08/30/2021	16:18:22	78795.49	394755.20	41.30	Soil	12,480	0.68
08/30/2021	16:18:23	78795.12	394755.24	41.31	Soil	11,760	0.18
08/30/2021	16:18:24	78795.17	394755.37	41.27	Soil	11,520	0.01
08/30/2021	16:18:25	78795.38	394755.50	41.25	Soil	11,520	0.01
08/30/2021	16:18:26	78795.58	394755.42	41.21	Soil	10,980	-0.37
08/30/2021	16:18:27	78795.86	394755.47	41.20	Soil	11,400	-0.08
08/30/2021	16:18:28	78796.15	394755.37	41.18	Soil	11,700	0.13
08/30/2021	16:18:29	78796.43	394755.43	41.18	Soil	12,300	0.55
08/30/2021	16:18:30	78796.68	394755.34	41.16	Soil	10,260	-0.88
08/30/2021	16:18:31	78796.98	394755.31	41.17	Soil	12,540	0.72
08/30/2021	16:18:32	78797.25	394755.32	41.18	Soil	9,960	-1.09
08/30/2021	16:18:33	78797.55	394755.20	41.16	Soil	10,680	-0.58
08/30/2021	16:18:34	78797.86	394755.28	41.14	Soil	9,420	-1.47
08/30/2021	16:18:35	78798.15	394755.20	41.14	Soil	12,240	0.51
08/30/2021	16:18:36	78798.45	394755.26	41.10	Soil	11,220	-0.20

SU 7D GWS RESULTS
(SOIL)

08/30/2021	16:18:37	78798.66	394755.24	41.09	Soil	11,460	-0.04
08/30/2021	16:18:38	78798.92	394755.20	41.03	Soil	11,700	0.13
08/30/2021	16:18:39	78799.22	394755.29	40.98	Soil	12,780	0.89
08/30/2021	16:18:40	78799.52	394755.24	40.96	Soil	12,780	0.89
08/30/2021	16:18:41	78799.81	394755.35	40.93	Soil	10,560	-0.67
08/30/2021	16:18:42	78800.08	394755.28	40.92	Soil	11,340	-0.12
08/30/2021	16:18:43	78800.37	394755.23	40.92	Soil	11,580	0.05
08/30/2021	16:18:44	78800.63	394755.25	40.89	Soil	11,160	-0.25
08/30/2021	16:18:45	78800.89	394755.17	40.90	Soil	10,200	-0.92
08/30/2021	16:18:46	78801.17	394755.24	40.89	Soil	11,280	-0.16
08/30/2021	16:18:47	78801.39	394755.21	40.91	Soil	13,500	1.40
08/30/2021	16:18:48	78801.60	394755.20	40.92	Soil	12,000	0.34
08/30/2021	16:18:49	78801.79	394755.19	40.94	Soil	12,120	0.43
08/30/2021	16:18:50	78801.99	394755.12	40.94	Soil	11,940	0.30
08/30/2021	16:18:51	78802.24	394755.15	40.95	Soil	14,340	1.99
08/30/2021	16:18:52	78802.48	394755.17	40.92	Soil	10,500	-0.71
08/30/2021	16:18:53	78802.80	394755.25	40.90	Soil	12,420	0.64
08/30/2021	16:18:54	78803.15	394755.12	40.88	Soil	10,620	-0.62
08/30/2021	16:18:55	78803.50	394755.05	40.90	Soil	11,460	-0.04
08/30/2021	16:18:56	78803.77	394754.98	40.89	Soil	11,280	-0.16
08/30/2021	16:18:57	78803.80	394755.07	40.84	Soil	12,060	0.39
08/30/2021	16:18:58	78804.13	394755.65	40.87	Soil	12,240	0.51
08/30/2021	16:18:59	78804.35	394755.64	40.85	Soil	12,120	0.43
08/30/2021	16:19:00	78804.34	394755.58	40.84	Soil	12,180	0.47
08/30/2021	16:19:01	78804.15	394755.50	40.82	Soil	13,080	1.10
08/30/2021	16:19:02	78803.93	394755.52	40.85	Soil	10,800	-0.50
08/30/2021	16:19:03	78803.68	394755.59	40.86	Soil	10,920	-0.41
08/30/2021	16:19:04	78803.44	394755.52	40.90	Soil	10,620	-0.62
08/30/2021	16:19:05	78803.19	394755.58	40.91	Soil	11,700	0.13
08/30/2021	16:19:06	78802.89	394755.54	40.93	Soil	11,520	0.01
08/30/2021	16:19:07	78802.67	394755.60	40.93	Soil	11,580	0.05
08/30/2021	16:19:08	78802.41	394755.60	40.93	Soil	10,200	-0.92
08/30/2021	16:19:09	78802.21	394755.60	40.95	Soil	10,260	-0.88
08/30/2021	16:19:10	78801.94	394755.66	40.96	Soil	11,100	-0.29
08/30/2021	16:19:11	78801.63	394755.59	40.98	Soil	11,760	0.18
08/30/2021	16:19:12	78801.31	394755.68	40.98	Soil	11,520	0.01
08/30/2021	16:19:13	78801.01	394755.61	40.98	Soil	11,340	-0.12
08/30/2021	16:19:14	78800.74	394755.71	40.97	Soil	10,500	-0.71
08/30/2021	16:19:15	78800.45	394755.68	40.94	Soil	13,440	1.35
08/30/2021	16:19:16	78800.16	394755.74	40.97	Soil	11,640	0.09
08/30/2021	16:19:17	78799.88	394755.79	40.96	Soil	10,320	-0.84
08/30/2021	16:19:18	78799.59	394755.79	41.00	Soil	11,520	0.01
08/30/2021	16:19:19	78799.28	394755.83	41.02	Soil	11,520	0.01
08/30/2021	16:19:20	78799.00	394755.82	41.05	Soil	11,700	0.13
08/30/2021	16:19:21	78798.72	394755.92	41.05	Soil	11,400	-0.08
08/30/2021	16:19:22	78798.37	394755.87	41.08	Soil	10,740	-0.54
08/30/2021	16:19:23	78798.07	394755.95	41.11	Soil	10,740	-0.54
08/30/2021	16:19:24	78797.74	394755.91	41.14	Soil	11,760	0.18
08/30/2021	16:19:25	78797.42	394755.97	41.17	Soil	12,180	0.47
08/30/2021	16:19:26	78797.07	394755.90	41.20	Soil	11,880	0.26
08/30/2021	16:19:27	78796.77	394755.94	41.25	Soil	10,560	-0.67

SU 7D GWS RESULTS
(SOIL)

08/30/2021	16:19:28	78796.47	394755.90	41.29	Soil	10,740	-0.54
08/30/2021	16:19:29	78796.21	394755.97	41.33	Soil	9,720	-1.26
08/30/2021	16:19:30	78795.96	394756.10	41.35	Soil	11,820	0.22
08/30/2021	16:19:31	78795.78	394756.02	41.37	Soil	10,980	-0.37
08/30/2021	16:19:32	78795.70	394756.00	41.35	Soil	11,460	-0.04
08/30/2021	16:19:33	78795.73	394755.97	41.31	Soil	10,680	-0.58
08/30/2021	16:19:34	78795.64	394755.97	41.31	Soil	12,180	0.47
08/30/2021	16:19:35	78795.55	394756.31	41.33	Soil	12,180	0.47
08/30/2021	16:19:36	78795.18	394756.79	41.29	Soil	10,260	-0.88
08/30/2021	16:19:37	78795.08	394756.80	41.30	Soil	10,860	-0.46
08/30/2021	16:19:38	78795.10	394756.72	41.28	Soil	10,080	-1.00
08/30/2021	16:19:39	78795.13	394756.77	41.30	Soil	12,900	0.98
08/30/2021	16:19:40	78795.18	394756.80	41.31	Soil	11,220	-0.20
08/30/2021	16:19:41	78795.23	394756.79	41.31	Soil	11,340	-0.12
08/30/2021	16:19:42	78795.34	394756.73	41.27	Soil	9,420	-1.47
08/30/2021	16:19:43	78795.64	394756.85	41.26	Soil	10,980	-0.37
08/30/2021	16:19:44	78795.91	394756.76	41.24	Soil	12,360	0.60
08/30/2021	16:19:45	78796.15	394756.73	41.24	Soil	10,860	-0.46
08/30/2021	16:19:46	78796.43	394756.67	41.23	Soil	12,840	0.93
08/30/2021	16:19:47	78796.70	394756.59	41.22	Soil	9,480	-1.42
08/30/2021	16:19:48	78796.96	394756.68	41.22	Soil	12,780	0.89
08/30/2021	16:19:49	78797.22	394756.59	41.19	Soil	10,800	-0.50
08/30/2021	16:19:50	78797.51	394756.67	41.20	Soil	11,580	0.05
08/30/2021	16:19:51	78797.78	394756.68	41.18	Soil	11,640	0.09
08/30/2021	16:19:52	78798.11	394756.72	41.17	Soil	10,920	-0.41
08/30/2021	16:19:53	78798.36	394756.71	41.16	Soil	13,020	1.06
08/30/2021	16:19:54	78798.65	394756.59	41.13	Soil	11,460	-0.04
08/30/2021	16:19:55	78798.92	394756.66	41.12	Soil	12,780	0.89
08/30/2021	16:19:56	78799.19	394756.57	41.13	Soil	13,980	1.73
08/30/2021	16:19:57	78799.42	394756.64	41.08	Soil	10,980	-0.37
08/30/2021	16:19:58	78799.68	394756.54	41.05	Soil	9,960	-1.09
08/30/2021	16:19:59	78799.86	394756.65	40.99	Soil	11,100	-0.29
08/30/2021	16:20:00	78800.07	394756.67	41.02	Soil	10,800	-0.50
08/30/2021	16:20:01	78800.27	394756.64	40.98	Soil	11,460	-0.04
08/30/2021	16:20:02	78800.48	394756.73	40.99	Soil	13,140	1.14
08/30/2021	16:20:03	78800.70	394756.70	40.98	Soil	11,580	0.05
08/30/2021	16:20:04	78800.93	394756.74	40.96	Soil	13,140	1.14
08/30/2021	16:20:05	78801.19	394756.69	40.97	Soil	11,700	0.13
08/30/2021	16:20:06	78801.41	394756.71	40.95	Soil	12,000	0.34
08/30/2021	16:20:07	78801.64	394756.75	40.99	Soil	10,740	-0.54
08/30/2021	16:20:08	78801.86	394756.69	40.97	Soil	12,060	0.39
08/30/2021	16:20:09	78802.10	394756.69	40.98	Soil	11,760	0.18
08/30/2021	16:20:10	78802.35	394756.63	41.00	Soil	12,120	0.43
08/30/2021	16:20:11	78802.61	394756.73	40.97	Soil	12,720	0.85
08/30/2021	16:20:12	78802.86	394756.67	41.01	Soil	11,340	-0.12
08/30/2021	16:20:13	78803.18	394756.77	40.98	Soil	11,280	-0.16
08/30/2021	16:20:14	78803.72	394756.93	41.00	Soil	12,840	0.93
08/30/2021	16:20:15	78804.13	394756.86	41.00	Soil	12,540	0.72
08/30/2021	16:20:16	78804.22	394756.87	41.02	Soil	11,880	0.26
08/30/2021	16:20:17	78804.16	394756.99	41.04	Soil	11,160	-0.25
08/30/2021	16:20:18	78804.10	394757.08	41.04	Soil	13,140	1.14

SU 7D GWS RESULTS
(SOIL)

08/30/2021	16:20:19	78804.14	394756.93	41.05	Soil	12,300	0.55
08/30/2021	16:20:20	78804.23	394756.85	41.03	Soil	11,460	-0.04
08/30/2021	16:20:21	78804.04	394756.97	41.05	Soil	12,120	0.43
08/30/2021	16:20:22	78803.74	394756.91	41.06	Soil	10,320	-0.84
08/30/2021	16:20:23	78803.48	394757.01	41.04	Soil	10,020	-1.05
08/30/2021	16:20:24	78803.14	394757.01	41.02	Soil	13,080	1.10
08/30/2021	16:20:25	78802.79	394757.06	41.05	Soil	10,740	-0.54
08/30/2021	16:20:26	78802.46	394757.09	41.03	Soil	11,700	0.13
08/30/2021	16:20:27	78802.12	394757.12	41.04	Soil	12,300	0.55
08/30/2021	16:20:28	78801.82	394757.24	41.03	Soil	11,220	-0.20
08/30/2021	16:20:29	78801.47	394757.18	41.04	Soil	11,700	0.13
08/30/2021	16:20:30	78801.17	394757.28	41.04	Soil	12,660	0.81
08/30/2021	16:20:31	78800.82	394757.26	41.04	Soil	10,080	-1.00
08/30/2021	16:20:32	78800.46	394757.35	41.05	Soil	12,300	0.55
08/30/2021	16:20:33	78800.09	394757.38	41.05	Soil	10,620	-0.62
08/30/2021	16:20:34	78799.80	394757.42	41.04	Soil	11,460	-0.04
08/30/2021	16:20:35	78799.50	394757.46	41.07	Soil	11,100	-0.29
08/30/2021	16:20:36	78799.22	394757.38	41.12	Soil	12,540	0.72
08/30/2021	16:20:37	78798.93	394757.43	41.13	Soil	12,840	0.93
08/30/2021	16:20:38	78798.61	394757.39	41.16	Soil	11,760	0.18
08/30/2021	16:20:39	78798.25	394757.41	41.19	Soil	10,740	-0.54
08/30/2021	16:20:40	78797.98	394757.43	41.18	Soil	11,640	0.09
08/30/2021	16:20:41	78797.71	394757.47	41.23	Soil	9,960	-1.09
08/30/2021	16:20:42	78797.41	394757.52	41.21	Soil	10,980	-0.37
08/30/2021	16:20:43	78797.10	394757.43	41.24	Soil	10,620	-0.62
08/30/2021	16:20:44	78796.78	394757.45	41.26	Soil	11,580	0.05
08/30/2021	16:20:45	78796.42	394757.37	41.28	Soil	10,380	-0.79
08/30/2021	16:20:46	78796.03	394757.36	41.32	Soil	11,340	-0.12
08/30/2021	16:20:47	78795.57	394757.19	41.32	Soil	9,660	-1.30
08/30/2021	16:20:48	78795.23	394757.16	41.31	Soil	12,540	0.72
08/30/2021	16:20:49	78794.83	394757.15	41.25	Soil	9,660	-1.30
08/30/2021	16:20:50	78794.46	394757.24	41.20	Soil	10,740	-0.54
08/30/2021	16:20:51	78794.18	394757.23	41.16	Soil	9,960	-1.09
08/30/2021	16:20:52	78793.94	394757.24	41.11	Soil	12,480	0.68
08/30/2021	16:20:53	78793.71	394757.04	40.99	Soil	10,380	-0.79
08/30/2021	16:20:54	78793.62	394756.69	41.03	Soil	10,320	-0.84
08/30/2021	16:20:55	78793.65	394756.33	41.08	Soil	11,340	-0.12
08/30/2021	16:20:56	78793.81	394756.13	41.19	Soil	12,120	0.43
08/30/2021	16:20:57	78794.01	394755.90	41.23	Soil	13,620	1.48
08/30/2021	16:20:58	78794.12	394755.60	41.29	Soil	12,000	0.34
08/30/2021	16:20:59	78794.19	394755.31	41.27	Soil	10,860	-0.46
08/30/2021	16:21:00	78794.22	394755.14	41.25	Soil	11,580	0.05
08/30/2021	16:21:01	78794.09	394754.97	41.14	Soil	11,940	0.30
08/30/2021	16:21:02	78793.97	394754.62	41.13	Soil	11,040	-0.33
08/30/2021	16:21:03	78794.02	394754.31	41.20	Soil	12,240	0.51
08/30/2021	16:21:04	78794.31	394754.19	41.31	Soil	11,220	-0.20
08/30/2021	16:21:05	78794.52	394754.24	41.39	Soil	8,760	-1.93
08/30/2021	16:21:06	78794.77	394754.69	41.42	Soil	10,380	-0.79
08/30/2021	16:21:07	78794.95	394755.32	41.33	Soil	11,520	0.01
08/30/2021	16:21:08	78794.87	394756.05	41.29	Soil	10,020	-1.05
08/30/2021	16:21:09	78794.68	394756.77	41.29	Soil	12,720	0.85

SU 7D GWS RESULTS
(SOIL)

08/30/2021	16:21:10	78794.58	394757.57	41.37	Soil	10,680	-0.58
08/30/2021	16:21:11	78794.77	394757.92	41.40	Soil	11,640	0.09
08/30/2021	16:21:12	78794.84	394758.15	41.37	Soil	10,920	-0.41
08/30/2021	16:21:13	78794.99	394758.31	41.35	Soil	10,200	-0.92
08/30/2021	16:21:14	78794.99	394758.26	41.35	Soil	9,600	-1.34
08/30/2021	16:21:15	78794.97	394758.15	41.32	Soil	11,520	0.01
08/30/2021	16:21:16	78795.15	394758.09	41.33	Soil	11,460	-0.04
08/30/2021	16:21:17	78795.35	394758.10	41.31	Soil	13,800	1.61
08/30/2021	16:21:18	78795.62	394757.95	41.32	Soil	12,000	0.34
08/30/2021	16:21:19	78795.90	394757.99	41.32	Soil	11,040	-0.33
08/30/2021	16:21:20	78796.14	394758.12	41.30	Soil	10,500	-0.71
08/30/2021	16:21:21	78796.45	394758.02	41.32	Soil	12,180	0.47
08/30/2021	16:21:22	78796.74	394758.07	41.30	Soil	10,980	-0.37
08/30/2021	16:21:23	78797.01	394758.00	41.27	Soil	10,320	-0.84
08/30/2021	16:21:24	78797.34	394758.07	41.28	Soil	10,620	-0.62
08/30/2021	16:21:25	78797.57	394757.99	41.24	Soil	13,080	1.10
08/30/2021	16:21:26	78797.80	394757.98	41.21	Soil	11,640	0.09
08/30/2021	16:21:27	78798.03	394758.03	41.19	Soil	12,000	0.34
08/30/2021	16:21:28	78798.29	394757.93	41.11	Soil	11,460	-0.04
08/30/2021	16:21:29	78798.60	394757.95	41.12	Soil	12,360	0.60
08/30/2021	16:21:30	78798.84	394757.97	41.10	Soil	12,240	0.51
08/30/2021	16:21:31	78799.09	394758.01	41.06	Soil	11,280	-0.16
08/30/2021	16:21:32	78799.32	394758.02	41.06	Soil	12,600	0.76
08/30/2021	16:21:33	78799.61	394757.94	41.00	Soil	10,380	-0.79
08/30/2021	16:21:34	78799.84	394758.01	40.99	Soil	12,600	0.76
08/30/2021	16:21:35	78800.08	394757.97	40.97	Soil	11,280	-0.16
08/30/2021	16:21:36	78800.32	394758.02	40.96	Soil	12,120	0.43
08/30/2021	16:21:37	78800.52	394758.01	40.98	Soil	13,980	1.73
08/30/2021	16:21:38	78800.75	394758.04	40.97	Soil	12,240	0.51
08/30/2021	16:21:39	78800.95	394758.00	40.96	Soil	12,840	0.93
08/30/2021	16:21:40	78801.26	394757.96	40.96	Soil	13,080	1.10
08/30/2021	16:21:41	78801.54	394758.07	40.95	Soil	10,860	-0.46
08/30/2021	16:21:42	78801.79	394758.00	40.93	Soil	11,940	0.30
08/30/2021	16:21:43	78802.12	394758.05	40.93	Soil	11,820	0.22
08/30/2021	16:21:44	78802.42	394758.00	40.91	Soil	12,900	0.98
08/30/2021	16:21:45	78802.70	394758.03	40.89	Soil	11,760	0.18
08/30/2021	16:21:46	78802.96	394757.90	40.89	Soil	11,040	-0.33
08/30/2021	16:21:47	78803.13	394757.86	40.92	Soil	11,100	-0.29
08/30/2021	16:21:48	78803.19	394757.85	40.91	Soil	11,400	-0.08
08/30/2021	16:21:49	78803.22	394757.96	40.93	Soil	11,460	-0.04
08/30/2021	16:21:50	78803.37	394758.07	40.90	Soil	10,680	-0.58
08/30/2021	16:21:51	78803.54	394758.44	40.93	Soil	11,700	0.13
08/30/2021	16:21:52	78803.45	394758.72	40.92	Soil	13,560	1.44
08/30/2021	16:21:53	78803.68	394758.58	40.88	Soil	12,600	0.76
08/30/2021	16:21:54	78803.81	394758.55	40.92	Soil	12,600	0.76
08/30/2021	16:21:55	78803.80	394758.57	40.93	Soil	13,020	1.06
08/30/2021	16:21:56	78803.79	394758.50	40.93	Soil	12,600	0.76
08/30/2021	16:21:57	78803.80	394758.41	40.91	Soil	12,480	0.68
08/30/2021	16:21:58	78803.78	394758.38	40.91	Soil	10,860	-0.46
08/30/2021	16:21:59	78803.78	394758.43	40.91	Soil	11,280	-0.16
08/30/2021	16:22:00	78803.81	394758.43	40.89	Soil	10,800	-0.50

SU 7D GWS RESULTS
(SOIL)

08/30/2021	16:22:01	78803.81	394758.41	40.89	Soil	10,800	-0.50
08/30/2021	16:22:02	78803.76	394758.39	40.93	Soil	9,720	-1.26
08/30/2021	16:22:03	78803.56	394758.47	40.91	Soil	12,840	0.93
08/30/2021	16:22:04	78803.28	394758.38	40.91	Soil	8,400	-2.18
08/30/2021	16:22:05	78803.02	394758.29	40.94	Soil	12,420	0.64
08/30/2021	16:22:06	78802.78	394758.40	40.94	Soil	12,240	0.51
08/30/2021	16:22:07	78802.52	394758.31	40.94	Soil	12,420	0.64
08/30/2021	16:22:08	78802.27	394758.36	40.96	Soil	11,940	0.30
08/30/2021	16:22:09	78801.96	394758.30	40.96	Soil	12,360	0.60
08/30/2021	16:22:10	78801.65	394758.36	40.97	Soil	11,220	-0.20
08/30/2021	16:22:11	78801.35	394758.43	40.94	Soil	12,660	0.81
08/30/2021	16:22:12	78801.07	394758.44	40.97	Soil	10,920	-0.41
08/30/2021	16:22:13	78800.77	394758.50	40.94	Soil	12,480	0.68
08/30/2021	16:22:14	78800.48	394758.50	40.94	Soil	12,000	0.34
08/30/2021	16:22:15	78800.18	394758.55	40.92	Soil	11,820	0.22
08/30/2021	16:22:16	78799.89	394758.49	40.93	Soil	13,800	1.61
08/30/2021	16:22:17	78799.62	394758.51	40.96	Soil	13,500	1.40
08/30/2021	16:22:18	78799.35	394758.47	40.99	Soil	12,000	0.34
08/30/2021	16:22:19	78799.07	394758.51	41.01	Soil	10,080	-1.00
08/30/2021	16:22:20	78798.80	394758.43	41.03	Soil	11,100	-0.29
08/30/2021	16:22:21	78798.53	394758.43	41.08	Soil	11,880	0.26
08/30/2021	16:22:22	78798.23	394758.35	41.12	Soil	11,340	-0.12
08/30/2021	16:22:23	78798.00	394758.48	41.18	Soil	11,280	-0.16
08/30/2021	16:22:24	78797.76	394758.46	41.21	Soil	14,220	1.90
08/30/2021	16:22:25	78797.51	394758.50	41.26	Soil	12,540	0.72
08/30/2021	16:22:26	78797.26	394758.46	41.25	Soil	9,540	-1.38
08/30/2021	16:22:27	78796.98	394758.57	41.29	Soil	10,500	-0.71
08/30/2021	16:22:28	78796.72	394758.57	41.28	Soil	12,360	0.60
08/30/2021	16:22:29	78796.46	394758.69	41.29	Soil	11,880	0.26
08/30/2021	16:22:30	78796.17	394758.64	41.26	Soil	9,720	-1.26
08/30/2021	16:22:31	78795.93	394758.64	41.28	Soil	12,420	0.64
08/30/2021	16:22:32	78795.71	394758.81	41.24	Soil	12,720	0.85
08/30/2021	16:22:33	78795.59	394759.35	41.16	Soil	11,280	-0.16
08/30/2021	16:22:34	78795.64	394759.65	41.07	Soil	10,320	-0.84
08/30/2021	16:22:35	78795.57	394759.44	41.22	Soil	10,980	-0.37
08/30/2021	16:22:36	78795.52	394759.17	41.24	Soil	10,980	-0.37
08/30/2021	16:22:37	78795.53	394759.21	41.25	Soil	11,040	-0.33
08/30/2021	16:22:38	78795.65	394759.24	41.26	Soil	9,000	-1.76
08/30/2021	16:22:39	78795.84	394759.31	41.30	Soil	11,460	-0.04
08/30/2021	16:22:40	78796.11	394759.22	41.32	Soil	12,300	0.55
08/30/2021	16:22:41	78796.41	394759.25	41.34	Soil	10,260	-0.88
08/30/2021	16:22:42	78796.70	394759.17	41.38	Soil	11,940	0.30
08/30/2021	16:22:43	78796.97	394759.22	41.39	Soil	10,920	-0.41
08/30/2021	16:22:44	78797.28	394759.21	41.40	Soil	11,760	0.18
08/30/2021	16:22:45	78797.59	394759.30	41.36	Soil	12,840	0.93
08/30/2021	16:22:46	78797.88	394759.24	41.30	Soil	9,840	-1.17
08/30/2021	16:22:47	78798.22	394759.19	41.23	Soil	10,920	-0.41
08/30/2021	16:22:48	78798.64	394759.17	41.15	Soil	10,860	-0.46
08/30/2021	16:22:49	78799.12	394759.14	41.11	Soil	11,520	0.01
08/30/2021	16:22:50	78799.63	394759.23	41.07	Soil	11,460	-0.04
08/30/2021	16:22:51	78800.07	394759.24	41.01	Soil	11,220	-0.20

SU 7D GWS RESULTS
(SOIL)

08/30/2021	16:22:52	78800.47	394759.37	41.00	Soil	11,400	-0.08
08/30/2021	16:22:53	78800.87	394759.35	41.02	Soil	12,840	0.93
08/30/2021	16:22:54	78801.33	394759.38	41.01	Soil	12,600	0.76
08/30/2021	16:22:55	78801.76	394759.30	40.98	Soil	12,180	0.47
08/30/2021	16:22:56	78802.13	394759.39	40.92	Soil	12,960	1.02
08/30/2021	16:22:57	78802.58	394759.38	40.88	Soil	12,480	0.68
08/30/2021	16:22:58	78802.89	394759.54	40.89	Soil	12,180	0.47
08/30/2021	16:22:59	78803.15	394759.85	40.92	Soil	10,680	-0.58
08/30/2021	16:23:00	78803.29	394759.93	40.89	Soil	10,560	-0.67
08/30/2021	16:23:01	78803.17	394759.88	40.90	Soil	12,120	0.43
08/30/2021	16:23:02	78802.88	394759.90	40.92	Soil	12,180	0.47
08/30/2021	16:23:03	78802.50	394759.94	40.97	Soil	12,000	0.34
08/30/2021	16:23:04	78802.09	394759.98	40.96	Soil	11,280	-0.16
08/30/2021	16:23:05	78801.72	394759.94	40.96	Soil	11,640	0.09
08/30/2021	16:23:06	78801.36	394759.98	40.94	Soil	12,060	0.39
08/30/2021	16:23:07	78800.97	394759.90	40.92	Soil	10,560	-0.67
08/30/2021	16:23:08	78800.51	394759.92	40.97	Soil	14,100	1.82
08/30/2021	16:23:09	78800.12	394759.86	40.95	Soil	10,560	-0.67
08/30/2021	16:23:10	78799.68	394759.87	40.95	Soil	11,700	0.13
08/30/2021	16:23:11	78799.22	394759.82	40.97	Soil	12,300	0.55
08/30/2021	16:23:12	78798.79	394759.83	41.06	Soil	11,640	0.09
08/30/2021	16:23:13	78798.36	394759.75	41.16	Soil	11,040	-0.33
08/30/2021	16:23:14	78797.93	394759.81	41.20	Soil	10,980	-0.37
08/30/2021	16:23:15	78797.52	394759.77	41.19	Soil	9,060	-1.72
08/30/2021	16:23:16	78797.11	394759.77	41.20	Soil	9,420	-1.47
08/30/2021	16:23:17	78796.51	394759.87	41.20	Soil	12,120	0.43
08/30/2021	16:23:18	78796.41	394759.75	41.22	Soil	11,640	0.09
08/30/2021	16:23:19	78796.48	394759.68	41.23	Soil	11,160	-0.25
08/30/2021	16:23:20	78796.70	394760.11	41.20	Soil	11,400	-0.08
08/30/2021	16:23:21	78797.21	394760.40	41.25	Soil	10,140	-0.96
08/30/2021	16:23:22	78797.63	394760.47	41.27	Soil	11,040	-0.33
08/30/2021	16:23:23	78798.01	394760.41	41.22	Soil	11,520	0.01
08/30/2021	16:23:24	78798.46	394760.42	41.10	Soil	12,000	0.34
08/30/2021	16:23:25	78799.03	394760.37	40.99	Soil	11,760	0.18
08/30/2021	16:23:26	78799.82	394760.44	40.97	Soil	11,640	0.09
08/30/2021	16:23:27	78800.40	394760.34	40.90	Soil	10,620	-0.62
08/30/2021	16:23:28	78801.09	394760.29	40.94	Soil	12,360	0.60
08/30/2021	16:23:29	78801.77	394760.26	40.88	Soil	11,640	0.09
08/30/2021	16:23:30	78802.31	394760.11	40.87	Soil	12,120	0.43
08/30/2021	16:23:31	78802.59	394760.10	40.91	Soil	11,880	0.26
08/30/2021	16:23:32	78802.69	394760.15	40.89	Soil	11,820	0.22
08/30/2021	16:23:33	78802.71	394760.15	40.87	Soil	11,460	-0.04
08/30/2021	16:23:34	78802.76	394760.09	40.81	Soil	10,740	-0.54
08/30/2021	16:23:35	78803.09	394759.88	40.80	Soil	12,000	0.34
08/30/2021	16:23:36	78803.29	394759.79	40.80	Soil	11,760	0.18
08/30/2021	16:23:37	78803.30	394759.80	40.83	Soil	11,400	-0.08
08/30/2021	16:23:38	78803.26	394759.81	40.83	Soil	11,520	0.01
08/30/2021	16:23:39	78803.26	394759.83	40.84	Soil	12,600	0.76
08/30/2021	16:23:40	78803.32	394759.82	40.84	Soil	12,960	1.02
08/30/2021	16:23:41	78803.34	394759.82	40.86	Soil	10,920	-0.41
08/30/2021	16:23:42	78803.30	394759.86	40.87	Soil	12,780	0.89

SU 7D GWS RESULTS
(SOIL)

08/30/2021	16:23:43	78803.23	394759.99	40.88	Soil	10,800	-0.50
08/30/2021	16:23:44	78803.20	394760.33	40.81	Soil	11,820	0.22
08/30/2021	16:23:45	78803.06	394760.89	40.81	Soil	12,360	0.60
08/30/2021	16:23:46	78802.86	394761.50	40.84	Soil	12,480	0.68
08/30/2021	16:23:47	78802.64	394762.13	40.85	Soil	11,640	0.09
08/30/2021	16:23:48	78802.31	394762.76	40.92	Soil	11,580	0.05
08/30/2021	16:23:49	78801.94	394763.42	40.98	Soil	12,480	0.68
08/30/2021	16:23:50	78801.48	394764.05	40.94	Soil	11,640	0.09
08/30/2021	16:23:51	78801.05	394764.66	40.94	Soil	10,200	-0.92
08/30/2021	16:23:52	78800.65	394765.36	40.96	Soil	9,720	-1.26
08/30/2021	16:23:53	78800.18	394766.06	41.00	Soil	10,080	-1.00
08/30/2021	16:23:54	78799.80	394766.86	41.02	Soil	10,860	-0.46
08/30/2021	16:23:55	78799.46	394767.60	41.07	Soil	10,740	-0.54
08/30/2021	16:23:56	78799.05	394768.31	41.12	Soil	8,700	-1.97
08/30/2021	16:23:57	78798.63	394769.02	41.11	Soil	9,960	-1.09
08/30/2021	16:23:58	78798.15	394769.62	41.13	Soil	10,500	-0.71
08/30/2021	16:23:59	78797.66	394770.32	41.11	Soil	9,900	-1.13
08/30/2021	16:24:00	78797.24	394771.06	41.14	Soil	11,160	-0.25
08/30/2021	16:24:01	78796.76	394771.64	41.20	Soil	10,380	-0.79
08/30/2021	16:24:02	78796.37	394772.11	41.19	Soil	10,260	-0.88
08/30/2021	16:24:03	78795.96	394772.18	41.20	Soil	10,500	-0.71
08/30/2021	16:24:04	78795.68	394772.28	41.21	Soil	9,960	-1.09
08/30/2021	16:24:05	78795.60	394772.43	41.18	Soil	10,620	-0.62
08/30/2021	16:24:06	78795.46	394772.31	41.17	Soil	11,400	-0.08
08/30/2021	16:24:07	78795.49	394772.16	41.17	Soil	10,560	-0.67
08/30/2021	16:24:08	78795.59	394772.26	41.19	Soil	9,900	-1.13
08/30/2021	16:24:09	78795.57	394772.18	41.16	Soil	9,300	-1.55
08/30/2021	16:24:10	78795.33	394771.81	41.21	Soil	11,220	-0.20
08/30/2021	16:24:11	78795.50	394771.48	41.20	Soil	9,540	-1.38
08/30/2021	16:24:12	78795.87	394771.01	41.22	Soil	11,100	-0.29
08/30/2021	16:24:13	78796.21	394770.60	41.22	Soil	12,360	0.60
08/30/2021	16:24:14	78796.43	394770.12	41.23	Soil	10,740	-0.54
08/30/2021	16:24:15	78796.78	394769.69	41.21	Soil	12,720	0.85
08/30/2021	16:24:16	78797.06	394769.18	41.24	Soil	12,360	0.60
08/30/2021	16:24:17	78797.41	394768.79	41.23	Soil	10,800	-0.50
08/30/2021	16:24:18	78797.69	394768.34	41.21	Soil	10,680	-0.58
08/30/2021	16:24:19	78798.08	394767.90	41.20	Soil	9,720	-1.26
08/30/2021	16:24:20	78798.33	394767.42	41.19	Soil	10,320	-0.84
08/30/2021	16:24:21	78798.64	394767.03	41.17	Soil	10,020	-1.05
08/30/2021	16:24:22	78798.84	394766.63	41.14	Soil	10,440	-0.75
08/30/2021	16:24:23	78799.11	394766.27	41.11	Soil	8,700	-1.97
08/30/2021	16:24:24	78799.37	394765.88	41.10	Soil	11,280	-0.16
08/30/2021	16:24:25	78799.60	394765.41	41.10	Soil	9,960	-1.09
08/30/2021	16:24:26	78799.86	394764.96	41.10	Soil	11,160	-0.25
08/30/2021	16:24:27	78800.11	394764.46	41.13	Soil	11,040	-0.33
08/30/2021	16:24:28	78800.39	394764.04	41.11	Soil	9,600	-1.34
08/30/2021	16:24:29	78800.61	394763.58	41.12	Soil	9,900	-1.13
08/30/2021	16:24:30	78800.94	394763.20	41.11	Soil	10,680	-0.58
08/30/2021	16:24:31	78801.18	394762.76	41.12	Soil	12,480	0.68
08/30/2021	16:24:32	78801.49	394762.38	41.11	Soil	11,940	0.30
08/30/2021	16:24:33	78801.74	394761.99	41.11	Soil	11,460	-0.04

SU 7D GWS RESULTS
(SOIL)

08/30/2021	16:24:34	78802.03	394761.59	41.09	Soil	13,500	1.40
08/30/2021	16:24:35	78802.29	394761.13	41.08	Soil	11,880	0.26
08/30/2021	16:24:36	78802.62	394760.76	41.07	Soil	10,920	-0.41
08/30/2021	16:24:37	78802.68	394760.61	41.06	Soil	12,300	0.55
08/30/2021	16:24:38	78802.64	394760.56	41.06	Soil	12,600	0.76
08/30/2021	16:24:39	78802.64	394760.55	41.06	Soil	13,680	1.52
08/30/2021	16:24:40	78802.66	394760.55	41.06	Soil	12,180	0.47
08/30/2021	16:24:41	78802.66	394760.57	41.05	Soil	9,960	-1.09
08/30/2021	16:24:42	78802.66	394760.57	41.04	Soil	10,080	-1.00
08/30/2021	16:24:43	78802.66	394760.58	41.03	Soil	12,060	0.39
08/30/2021	16:24:44	78802.67	394760.58	41.03	Soil	12,360	0.60
08/30/2021	16:24:45	78802.68	394760.56	41.04	Soil	11,760	0.18
08/30/2021	16:24:46	78802.69	394760.55	41.03	Soil	12,000	0.34
08/30/2021	16:24:47	78802.69	394760.55	41.04	Soil	12,720	0.85
08/30/2021	16:24:48	78802.69	394760.55	41.03	Soil	13,740	1.56
08/30/2021	16:24:49	78802.69	394760.53	41.04	Soil	12,540	0.72
08/30/2021	16:24:50	78802.65	394760.43	41.05	Soil	10,440	-0.75
08/30/2021	16:24:51	78802.76	394760.20	41.06	Soil	11,460	-0.04
08/30/2021	16:24:52	78802.90	394759.90	41.07	Soil	11,940	0.30
08/30/2021	16:24:53	78802.77	394759.47	41.06	Soil	12,300	0.55
08/30/2021	16:24:54	78802.58	394759.03	41.06	Soil	12,660	0.81
08/30/2021	16:24:55	78802.52	394758.80	41.04	Soil	11,040	-0.33
08/30/2021	16:24:56	78802.53	394758.76	41.03	Soil	11,940	0.30
08/30/2021	16:24:57	78802.49	394758.83	41.02	Soil	11,580	0.05
08/30/2021	16:24:58	78802.41	394759.16	41.03	Soil	11,640	0.09
08/30/2021	16:24:59	78802.03	394759.56	41.02	Soil	10,380	-0.79
08/30/2021	16:25:00	78801.75	394760.03	41.00	Soil	11,700	0.13
08/30/2021	16:25:01	78801.43	394760.43	41.01	Soil	11,580	0.05
08/30/2021	16:25:02	78801.15	394760.91	41.04	Soil	10,380	-0.79
08/30/2021	16:25:03	78800.76	394761.31	41.02	Soil	9,660	-1.30
08/30/2021	16:25:04	78800.56	394761.73	41.01	Soil	11,700	0.13
08/30/2021	16:25:05	78800.29	394762.21	41.02	Soil	10,320	-0.84
08/30/2021	16:25:06	78800.02	394762.75	41.05	Soil	11,820	0.22
08/30/2021	16:25:07	78799.77	394763.25	41.07	Soil	11,820	0.22
08/30/2021	16:25:08	78799.52	394763.72	41.10	Soil	11,400	-0.08
08/30/2021	16:25:09	78799.23	394764.19	41.11	Soil	11,880	0.26
08/30/2021	16:25:10	78798.95	394764.63	41.12	Soil	9,660	-1.30
08/30/2021	16:25:11	78798.72	394765.16	41.15	Soil	11,880	0.26
08/30/2021	16:25:12	78798.46	394765.71	41.18	Soil	9,660	-1.30
08/30/2021	16:25:13	78798.22	394766.24	41.22	Soil	10,260	-0.88
08/30/2021	16:25:14	78797.91	394766.69	41.27	Soil	11,040	-0.33
08/30/2021	16:25:15	78797.67	394767.17	41.27	Soil	9,960	-1.09
08/30/2021	16:25:16	78797.44	394767.62	41.29	Soil	10,020	-1.05
08/30/2021	16:25:17	78797.34	394768.12	41.27	Soil	9,060	-1.72
08/30/2021	16:25:18	78797.06	394768.53	41.28	Soil	10,560	-0.67
08/30/2021	16:25:19	78796.62	394768.79	41.33	Soil	9,660	-1.30
08/30/2021	16:25:20	78796.34	394769.10	41.31	Soil	10,620	-0.62
08/30/2021	16:25:21	78795.98	394769.47	41.33	Soil	10,440	-0.75
08/30/2021	16:25:22	78795.69	394769.93	41.31	Soil	9,720	-1.26
08/30/2021	16:25:23	78795.25	394770.27	41.33	Soil	8,820	-1.89
08/30/2021	16:25:24	78794.82	394770.75	41.32	Soil	9,060	-1.72

SU 7D GWS RESULTS
(SOIL)

08/30/2021	16:25:25	78794.79	394771.39	41.26	Soil	11,040	-0.33
08/30/2021	16:25:26	78794.88	394771.36	41.36	Soil	8,160	-2.35
08/30/2021	16:25:27	78795.06	394771.07	41.34	Soil	8,040	-2.44
08/30/2021	16:25:28	78795.19	394770.57	41.34	Soil	10,200	-0.92
08/30/2021	16:25:29	78794.97	394769.96	41.27	Soil	9,000	-1.76
08/30/2021	16:25:30	78794.92	394770.04	41.39	Soil	9,900	-1.13
08/30/2021	16:25:31	78795.00	394770.38	41.35	Soil	8,460	-2.14
08/30/2021	16:25:32	78795.01	394770.33	41.38	Soil	8,640	-2.01
08/30/2021	16:25:33	78794.97	394770.21	41.36	Soil	7,500	-2.81
08/30/2021	16:25:34	78794.99	394770.07	41.35	Soil	10,680	-0.58
08/30/2021	16:25:35	78795.17	394769.82	41.38	Soil	9,000	-1.76
08/30/2021	16:25:36	78795.43	394769.47	41.34	Soil	10,440	-0.75
08/30/2021	16:25:37	78795.69	394769.07	41.26	Soil	10,560	-0.67
08/30/2021	16:25:38	78795.90	394768.67	41.19	Soil	10,020	-1.05
08/30/2021	16:25:39	78796.23	394768.23	41.14	Soil	9,900	-1.13
08/30/2021	16:25:40	78796.48	394767.73	41.04	Soil	9,420	-1.47
08/30/2021	16:25:41	78796.66	394767.17	41.08	Soil	12,180	0.47
08/30/2021	16:25:42	78796.79	394766.57	41.06	Soil	11,760	0.18
08/30/2021	16:25:43	78796.86	394766.07	41.04	Soil	13,140	1.14
08/30/2021	16:25:44	78797.02	394765.65	41.05	Soil	10,980	-0.37
08/30/2021	16:25:45	78797.18	394765.18	41.07	Soil	10,440	-0.75
08/30/2021	16:25:46	78797.43	394764.77	41.18	Soil	11,460	-0.04
08/30/2021	16:25:47	78797.69	394764.32	41.16	Soil	12,960	1.02
08/30/2021	16:25:48	78797.99	394763.92	41.18	Soil	11,580	0.05
08/30/2021	16:25:49	78798.24	394763.56	41.12	Soil	12,180	0.47
08/30/2021	16:25:50	78798.51	394763.29	41.11	Soil	11,760	0.18
08/30/2021	16:25:51	78798.76	394762.93	41.10	Soil	11,340	-0.12
08/30/2021	16:25:52	78799.12	394762.62	41.07	Soil	10,920	-0.41
08/30/2021	16:25:53	78799.37	394762.30	41.07	Soil	11,220	-0.20
08/30/2021	16:25:54	78799.64	394762.00	40.96	Soil	12,900	0.98
08/30/2021	16:25:55	78799.88	394761.59	40.98	Soil	12,000	0.34
08/30/2021	16:25:56	78800.20	394761.22	40.96	Soil	11,220	-0.20
08/30/2021	16:25:57	78800.45	394760.84	40.96	Soil	11,820	0.22
08/30/2021	16:25:58	78800.70	394760.46	40.95	Soil	11,400	-0.08
08/30/2021	16:25:59	78800.99	394760.06	40.97	Soil	11,040	-0.33
08/30/2021	16:26:00	78801.28	394759.76	40.98	Soil	11,220	-0.20
08/30/2021	16:26:01	78801.49	394759.54	41.02	Soil	10,860	-0.46
08/30/2021	16:26:02	78801.79	394759.24	40.98	Soil	11,220	-0.20
08/30/2021	16:26:03	78801.99	394759.04	40.96	Soil	10,680	-0.58
08/30/2021	16:26:04	78801.95	394759.02	40.99	Soil	10,080	-1.00
08/30/2021	16:26:05	78801.85	394759.12	40.94	Soil	13,200	1.19
08/30/2021	16:26:06	78801.68	394759.46	40.90	Soil	11,100	-0.29
08/30/2021	16:26:07	78801.50	394760.00	40.91	Soil	11,880	0.26
08/30/2021	16:26:08	78801.22	394760.50	40.90	Soil	11,880	0.26
08/30/2021	16:26:09	78800.96	394760.94	40.91	Soil	12,900	0.98
08/30/2021	16:26:10	78800.66	394761.35	40.89	Soil	11,640	0.09
08/30/2021	16:26:11	78800.35	394761.74	40.89	Soil	9,720	-1.26
08/30/2021	16:26:12	78800.11	394762.13	40.90	Soil	12,360	0.60
08/30/2021	16:26:13	78799.86	394762.51	40.94	Soil	10,860	-0.46
08/30/2021	16:26:14	78799.57	394762.92	40.96	Soil	12,300	0.55
08/30/2021	16:26:15	78799.27	394763.23	41.02	Soil	10,200	-0.92

SU 7D GWS RESULTS
(SOIL)

08/30/2021	16:26:16	78799.08	394763.58	41.06	Soil	12,240	0.51
08/30/2021	16:26:17	78798.83	394763.96	41.09	Soil	11,700	0.13
08/30/2021	16:26:18	78798.55	394764.40	41.05	Soil	11,280	-0.16
08/30/2021	16:26:19	78798.21	394764.80	41.08	Soil	10,380	-0.79
08/30/2021	16:26:20	78797.95	394765.22	41.12	Soil	12,180	0.47
08/30/2021	16:26:21	78797.68	394765.59	41.13	Soil	10,800	-0.50
08/30/2021	16:26:22	78797.64	394765.89	41.12	Soil	9,360	-1.51
08/30/2021	16:26:23	78797.53	394766.00	41.05	Soil	10,680	-0.58
08/30/2021	16:26:24	78797.40	394765.88	41.02	Soil	11,820	0.22
08/30/2021	16:26:25	78797.39	394765.48	40.98	Soil	10,620	-0.62
08/30/2021	16:26:26	78797.38	394764.94	40.98	Soil	10,920	-0.41
08/30/2021	16:26:27	78797.39	394764.60	41.02	Soil	11,340	-0.12
08/30/2021	16:26:28	78797.18	394764.40	40.96	Soil	11,940	0.30
08/30/2021	16:26:29	78797.01	394764.31	41.01	Soil	9,780	-1.21
08/30/2021	16:26:30	78797.13	394764.21	41.02	Soil	11,160	-0.25
08/30/2021	16:26:31	78797.40	394763.89	41.06	Soil	11,700	0.13
08/30/2021	16:26:32	78797.69	394763.53	41.11	Soil	11,940	0.30
08/30/2021	16:26:33	78798.06	394763.23	41.13	Soil	13,140	1.14
08/30/2021	16:26:34	78798.33	394762.83	41.11	Soil	11,820	0.22
08/30/2021	16:26:35	78798.65	394762.48	41.08	Soil	12,720	0.85
08/30/2021	16:26:36	78798.89	394762.11	41.08	Soil	9,960	-1.09
08/30/2021	16:26:37	78799.27	394761.79	41.03	Soil	11,820	0.22
08/30/2021	16:26:38	78799.62	394761.43	41.01	Soil	10,860	-0.46
08/30/2021	16:26:39	78800.01	394761.01	41.01	Soil	9,900	-1.13
08/30/2021	16:26:40	78800.35	394760.48	41.00	Soil	12,420	0.64
08/30/2021	16:26:41	78800.71	394760.05	40.98	Soil	12,600	0.76
08/30/2021	16:26:42	78801.01	394759.55	41.05	Soil	12,000	0.34
08/30/2021	16:26:43	78801.27	394759.19	41.03	Soil	11,460	-0.04
08/30/2021	16:26:44	78801.46	394759.04	41.04	Soil	13,320	1.27
08/30/2021	16:26:45	78801.56	394758.95	41.05	Soil	11,940	0.30
08/30/2021	16:26:46	78801.64	394758.88	41.07	Soil	12,000	0.34
08/30/2021	16:26:47	78801.43	394758.70	41.06	Soil	11,460	-0.04
08/30/2021	16:26:48	78801.13	394758.11	40.92	Soil	11,400	-0.08
08/30/2021	16:26:49	78801.19	394757.75	40.98	Soil	12,240	0.51
08/30/2021	16:26:50	78801.32	394757.81	40.97	Soil	11,880	0.26
08/30/2021	16:26:51	78801.32	394757.83	40.95	Soil	13,680	1.52
08/30/2021	16:26:52	78801.20	394757.99	40.96	Soil	9,360	-1.51
08/30/2021	16:26:53	78800.83	394758.18	40.95	Soil	11,400	-0.08
08/30/2021	16:26:54	78800.48	394758.51	40.96	Soil	12,480	0.68
08/30/2021	16:26:55	78800.10	394758.82	40.95	Soil	11,160	-0.25
08/30/2021	16:26:56	78799.80	394759.21	40.94	Soil	11,700	0.13
08/30/2021	16:26:57	78799.55	394759.65	40.96	Soil	13,560	1.44
08/30/2021	16:26:58	78799.39	394760.10	40.98	Soil	10,320	-0.84
08/30/2021	16:26:59	78799.20	394760.52	40.97	Soil	12,540	0.72
08/30/2021	16:27:00	78799.00	394760.98	40.99	Soil	11,040	-0.33
08/30/2021	16:27:01	78798.81	394761.43	41.00	Soil	12,420	0.64
08/30/2021	16:27:02	78798.56	394761.85	41.01	Soil	12,420	0.64
08/30/2021	16:27:03	78798.30	394762.31	41.00	Soil	13,440	1.35
08/30/2021	16:27:04	78797.99	394762.78	41.00	Soil	11,460	-0.04
08/30/2021	16:27:05	78797.68	394763.21	40.95	Soil	11,820	0.22
08/30/2021	16:27:06	78797.46	394763.55	40.95	Soil	13,020	1.06

SU 7D GWS RESULTS
(SOIL)

08/30/2021	16:27:07	78797.34	394763.88	40.99	Soil	13,320	1.27
08/30/2021	16:27:08	78797.28	394764.16	41.00	Soil	10,740	-0.54
08/30/2021	16:27:09	78797.31	394764.02	40.99	Soil	11,520	0.01
08/30/2021	16:27:10	78797.23	394763.47	41.03	Soil	12,360	0.60
08/30/2021	16:27:11	78797.09	394763.09	41.07	Soil	11,160	-0.25
08/30/2021	16:27:12	78797.09	394763.08	41.08	Soil	9,180	-1.64
08/30/2021	16:27:13	78797.31	394763.02	41.13	Soil	10,740	-0.54
08/30/2021	16:27:14	78797.52	394762.73	41.18	Soil	9,660	-1.30
08/30/2021	16:27:15	78797.73	394762.43	41.15	Soil	13,260	1.23
08/30/2021	16:27:16	78797.99	394762.10	41.16	Soil	10,680	-0.58
08/30/2021	16:27:17	78798.21	394761.72	41.15	Soil	11,040	-0.33
08/30/2021	16:27:18	78798.36	394761.35	41.15	Soil	11,100	-0.29
08/30/2021	16:27:19	78798.56	394761.00	41.08	Soil	11,940	0.30
08/30/2021	16:27:20	78798.79	394760.65	41.05	Soil	11,040	-0.33
08/30/2021	16:27:21	78798.87	394760.24	41.03	Soil	12,420	0.64
08/30/2021	16:27:22	78799.06	394759.86	41.06	Soil	11,700	0.13
08/30/2021	16:27:23	78799.29	394759.36	41.04	Soil	12,000	0.34
08/30/2021	16:27:24	78799.58	394758.84	40.99	Soil	12,480	0.68
08/30/2021	16:27:25	78799.79	394758.30	40.98	Soil	12,660	0.81
08/30/2021	16:27:26	78800.06	394757.73	41.02	Soil	11,220	-0.20
08/30/2021	16:27:27	78800.13	394757.18	40.99	Soil	10,440	-0.75
08/30/2021	16:27:28	78799.81	394756.70	41.02	Soil	12,540	0.72
08/30/2021	16:27:29	78799.61	394756.46	40.99	Soil	13,260	1.23
08/30/2021	16:27:30	78799.56	394756.53	40.99	Soil	11,940	0.30
08/30/2021	16:27:31	78799.40	394756.86	40.99	Soil	12,660	0.81
08/30/2021	16:27:32	78799.07	394757.33	41.04	Soil	11,340	-0.12
08/30/2021	16:27:33	78798.72	394757.72	41.06	Soil	13,260	1.23
08/30/2021	16:27:34	78798.46	394758.11	41.11	Soil	11,700	0.13
08/30/2021	16:27:35	78798.28	394758.51	41.12	Soil	10,200	-0.92
08/30/2021	16:27:36	78798.09	394758.87	41.18	Soil	11,700	0.13
08/30/2021	16:27:37	78797.94	394759.33	41.19	Soil	11,220	-0.20
08/30/2021	16:27:38	78797.73	394759.80	41.21	Soil	10,860	-0.46
08/30/2021	16:27:39	78797.55	394760.24	41.17	Soil	11,040	-0.33
08/30/2021	16:27:40	78797.38	394760.67	41.12	Soil	11,100	-0.29
08/30/2021	16:27:41	78797.27	394761.05	41.08	Soil	11,520	0.01
08/30/2021	16:27:42	78797.15	394761.35	41.03	Soil	11,340	-0.12
08/30/2021	16:27:43	78796.88	394761.61	40.91	Soil	8,940	-1.80
08/30/2021	16:27:44	78796.78	394761.84	40.91	Soil	11,460	-0.04
08/30/2021	16:27:45	78796.71	394762.15	40.89	Soil	10,800	-0.50
08/30/2021	16:27:46	78796.68	394762.43	40.90	Soil	10,500	-0.71
08/30/2021	16:27:47	78796.84	394762.70	41.00	Soil	9,360	-1.51
08/30/2021	16:27:48	78797.09	394762.82	41.06	Soil	10,680	-0.58
08/30/2021	16:27:49	78797.46	394762.83	41.10	Soil	10,860	-0.46
08/30/2021	16:27:50	78797.73	394762.79	41.09	Soil	10,200	-0.92
08/30/2021	16:27:51	78797.87	394762.69	41.09	Soil	11,460	-0.04
08/30/2021	16:27:52	78797.98	394762.54	41.09	Soil	9,300	-1.55
08/30/2021	16:27:53	78798.05	394762.23	41.07	Soil	11,880	0.26
08/30/2021	16:27:54	78798.00	394761.92	41.10	Soil	9,480	-1.42
08/30/2021	16:27:55	78797.81	394761.62	41.14	Soil	11,940	0.30
08/30/2021	16:27:56	78797.55	394761.30	41.17	Soil	11,340	-0.12
08/30/2021	16:27:57	78797.39	394760.94	41.13	Soil	10,500	-0.71

SU 7D GWS RESULTS
(SOIL)

08/30/2021	16:27:58	78797.27	394760.49	41.13	Soil	10,800	-0.50
08/30/2021	16:27:59	78797.30	394760.07	41.18	Soil	12,180	0.47
08/30/2021	16:28:00	78797.39	394759.69	41.22	Soil	12,600	0.76
08/30/2021	16:28:01	78797.52	394759.33	41.24	Soil	13,680	1.52
08/30/2021	16:28:02	78797.70	394758.98	41.17	Soil	10,440	-0.75
08/30/2021	16:28:03	78797.91	394758.87	41.17	Soil	11,520	0.01
08/30/2021	16:28:04	78798.24	394759.08	41.08	Soil	11,400	-0.08
08/30/2021	16:28:05	78798.58	394759.36	41.02	Soil	10,740	-0.54
08/30/2021	16:28:06	78798.88	394759.63	40.98	Soil	12,480	0.68
08/30/2021	16:28:07	78799.12	394759.87	40.98	Soil	10,680	-0.58
08/30/2021	16:28:08	78799.25	394760.14	41.00	Soil	11,580	0.05
08/30/2021	16:28:09	78799.20	394760.27	41.04	Soil	12,480	0.68
08/30/2021	16:28:10	78798.94	394760.37	41.13	Soil	11,580	0.05
08/30/2021	16:28:11	78798.67	394760.42	41.18	Soil	11,220	-0.20
08/30/2021	16:28:12	78798.42	394760.43	41.20	Soil	11,940	0.30
08/30/2021	16:28:13	78798.09	394760.42	41.21	Soil	11,520	0.01
08/30/2021	16:28:14	78797.77	394760.37	41.18	Soil	10,680	-0.58
08/30/2021	16:28:15	78797.39	394760.29	41.14	Soil	10,740	-0.54
08/30/2021	16:28:16	78797.05	394760.39	41.09	Soil	10,620	-0.62
08/30/2021	16:28:17	78796.88	394760.71	41.09	Soil	10,800	-0.50
08/30/2021	16:28:18	78797.07	394760.92	41.16	Soil	10,620	-0.62
08/30/2021	16:28:19	78797.33	394761.23	41.12	Soil	11,280	-0.16
08/30/2021	16:28:20	78797.65	394761.58	41.04	Soil	11,100	-0.29
08/30/2021	16:28:21	78797.98	394761.79	41.03	Soil	12,240	0.51
08/30/2021	16:28:22	78798.14	394761.63	41.04	Soil	12,300	0.55
08/30/2021	16:28:23	78798.25	394761.44	41.06	Soil	12,120	0.43
08/30/2021	16:28:24	78798.19	394761.16	41.10	Soil	12,000	0.34
08/30/2021	16:28:25	78798.02	394760.77	41.18	Soil	10,140	-0.96
08/30/2021	16:28:26	78797.87	394760.54	41.18	Soil	10,740	-0.54
08/30/2021	16:28:27	78797.76	394760.39	41.19	Soil	10,800	-0.50
08/30/2021	16:28:28	78797.68	394760.37	41.19	Soil	10,140	-0.96
08/30/2021	16:28:29	78797.63	394760.35	41.18	Soil	11,580	0.05
08/30/2021	16:28:30	78797.63	394760.31	41.18	Soil	9,780	-1.21
08/30/2021	16:28:31	78797.64	394760.31	41.19	Soil	10,800	-0.50
08/30/2021	16:28:32	78797.75	394760.28	41.23	Soil	12,840	0.93
08/30/2021	16:28:33	78797.95	394760.26	41.21	Soil	10,020	-1.05
08/30/2021	16:28:34	78797.97	394760.24	41.18	Soil	10,260	-0.88
08/30/2021	16:28:35	78797.87	394760.25	41.18	Soil	9,780	-1.21
08/30/2021	16:28:36	78797.83	394760.27	41.18	Soil	11,400	-0.08
08/30/2021	16:28:37	78797.83	394760.27	41.19	Soil	11,100	-0.29
08/30/2021	16:28:38	78797.85	394760.26	41.19	Soil	11,700	0.13
08/30/2021	16:28:39	78797.88	394760.26	41.18	Soil	11,040	-0.33
08/30/2021	16:28:40	78797.99	394760.29	41.20	Soil	12,960	1.02
08/30/2021	16:28:41	78798.02	394760.29	41.17	Soil	12,660	0.81
08/30/2021	16:28:42	78797.95	394760.26	41.17	Soil	11,400	-0.08
08/30/2021	16:28:43	78798.03	394760.29	41.19	Soil	11,520	0.01
08/30/2021	16:28:44	78798.10	394760.30	41.17	Soil	11,520	0.01
08/30/2021	16:28:45	78797.98	394760.27	41.15	Soil	11,220	-0.20
08/30/2021	16:28:46	78797.87	394760.25	41.14	Soil	9,660	-1.30
08/30/2021	16:28:47	78797.86	394760.24	41.14	Soil	10,920	-0.41
08/30/2021	16:28:48	78797.88	394760.24	41.13	Soil	12,540	0.72

SU 7D GWS RESULTS
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08/30/2021	16:28:49	78797.89	394760.23	41.13	Soil	10,500	-0.71
08/30/2021	16:28:50	78797.94	394760.29	41.18	Soil	11,640	0.09
08/30/2021	16:28:51	78797.86	394760.77	40.60	Soil	10,380	-0.79
08/30/2021	16:28:52	78797.91	394760.96	41.16	Soil	10,560	-0.67
08/30/2021	16:28:53	78798.14	394760.94	41.03	Soil	9,720	-1.26
08/30/2021	16:28:54	78798.19	394761.46	40.92	Soil	10,380	-0.79
08/30/2021	16:31:25	78764.48	394730.45	41.66	Soil	10,140	-0.96
08/30/2021	16:31:26	78764.48	394730.42	41.65	Soil	10,380	-0.79
08/30/2021	16:31:27	78764.43	394730.48	41.64	Soil	11,640	0.09
08/30/2021	16:31:28	78764.34	394730.66	41.66	Soil	10,920	-0.41
08/30/2021	16:31:29	78764.33	394730.98	41.66	Soil	11,340	-0.12
08/30/2021	16:31:30	78764.22	394731.39	41.64	Soil	10,740	-0.54
08/30/2021	16:31:31	78764.16	394731.79	41.64	Soil	10,020	-1.05
08/30/2021	16:31:32	78764.17	394732.21	41.66	Soil	9,720	-1.26
08/30/2021	16:31:33	78764.11	394732.58	41.66	Soil	10,980	-0.37
08/30/2021	16:31:34	78764.06	394732.95	41.64	Soil	11,760	0.18
08/30/2021	16:31:35	78763.98	394733.31	41.66	Soil	12,540	0.72
08/30/2021	16:31:36	78764.05	394733.70	41.67	Soil	11,160	-0.25
08/30/2021	16:31:37	78764.04	394734.14	41.66	Soil	10,140	-0.96
08/30/2021	16:31:38	78764.02	394734.59	41.68	Soil	11,220	-0.20
08/30/2021	16:31:39	78763.97	394735.00	41.64	Soil	11,820	0.22
08/30/2021	16:31:40	78763.92	394735.45	41.65	Soil	10,020	-1.05
08/30/2021	16:31:41	78763.93	394735.93	41.67	Soil	11,820	0.22
08/30/2021	16:31:42	78763.87	394736.33	41.65	Soil	11,880	0.26
08/30/2021	16:31:43	78763.83	394736.68	41.61	Soil	10,860	-0.46
08/30/2021	16:31:44	78763.75	394737.10	41.63	Soil	11,940	0.30
08/30/2021	16:31:45	78763.77	394737.52	41.65	Soil	10,320	-0.84
08/30/2021	16:31:46	78763.69	394737.94	41.67	Soil	11,220	-0.20
08/30/2021	16:31:47	78763.67	394738.32	41.67	Soil	11,040	-0.33
08/30/2021	16:31:48	78763.60	394738.66	41.68	Soil	13,920	1.69
08/30/2021	16:31:49	78763.49	394738.86	41.68	Soil	11,280	-0.16
08/30/2021	16:31:50	78763.68	394738.96	41.68	Soil	12,360	0.60
08/30/2021	16:31:51	78763.94	394739.07	41.68	Soil	10,800	-0.50
08/30/2021	16:31:52	78763.83	394739.30	41.63	Soil	13,200	1.19
08/30/2021	16:31:53	78763.73	394739.57	41.61	Soil	12,540	0.72
08/30/2021	16:31:54	78764.05	394739.50	41.63	Soil	10,500	-0.71
08/30/2021	16:31:55	78764.28	394739.17	41.66	Soil	10,680	-0.58
08/30/2021	16:31:56	78764.40	394738.80	41.57	Soil	10,260	-0.88
08/30/2021	16:31:57	78764.47	394738.39	41.57	Soil	9,780	-1.21
08/30/2021	16:31:58	78764.48	394737.94	41.58	Soil	11,340	-0.12
08/30/2021	16:31:59	78764.57	394737.50	41.58	Soil	11,460	-0.04
08/30/2021	16:32:00	78764.61	394737.07	41.59	Soil	11,280	-0.16
08/30/2021	16:32:01	78764.68	394736.63	41.60	Soil	10,140	-0.96
08/30/2021	16:32:02	78764.69	394736.18	41.62	Soil	12,780	0.89
08/30/2021	16:32:03	78764.74	394735.71	41.62	Soil	12,240	0.51
08/30/2021	16:32:04	78764.81	394735.25	41.59	Soil	12,660	0.81
08/30/2021	16:32:05	78764.88	394734.78	41.61	Soil	11,160	-0.25
08/30/2021	16:32:06	78764.89	394734.36	41.58	Soil	9,480	-1.42
08/30/2021	16:32:07	78764.88	394733.91	41.58	Soil	11,400	-0.08
08/30/2021	16:32:08	78764.90	394733.40	41.57	Soil	9,660	-1.30
08/30/2021	16:32:09	78764.96	394732.91	41.57	Soil	12,000	0.34

SU 7D GWS RESULTS
(SOIL)

08/30/2021	16:32:10	78765.09	394732.40	41.55	Soil	11,940	0.30
08/30/2021	16:32:11	78765.19	394731.90	41.57	Soil	10,800	-0.50
08/30/2021	16:32:12	78765.28	394731.35	41.57	Soil	11,100	-0.29
08/30/2021	16:32:13	78765.19	394731.00	41.59	Soil	11,280	-0.16
08/30/2021	16:32:14	78765.21	394730.93	41.53	Soil	10,440	-0.75
08/30/2021	16:32:15	78765.43	394730.71	41.56	Soil	12,840	0.93
08/30/2021	16:32:16	78765.57	394730.55	41.56	Soil	11,700	0.13
08/30/2021	16:32:17	78765.46	394730.71	41.54	Soil	10,320	-0.84
08/30/2021	16:32:18	78765.38	394731.02	41.54	Soil	10,980	-0.37
08/30/2021	16:32:19	78765.36	394731.34	41.55	Soil	11,520	0.01
08/30/2021	16:32:20	78765.38	394731.67	41.54	Soil	10,980	-0.37
08/30/2021	16:32:21	78765.31	394732.01	41.54	Soil	11,700	0.13
08/30/2021	16:32:22	78765.26	394732.40	41.53	Soil	9,480	-1.42
08/30/2021	16:32:23	78765.19	394732.75	41.51	Soil	9,540	-1.38
08/30/2021	16:32:24	78765.19	394733.15	41.52	Soil	10,920	-0.41
08/30/2021	16:32:25	78765.16	394733.58	41.53	Soil	12,600	0.76
08/30/2021	16:32:26	78765.19	394733.94	41.53	Soil	9,600	-1.34
08/30/2021	16:32:27	78765.17	394734.28	41.56	Soil	14,400	2.03
08/30/2021	16:32:28	78765.14	394734.61	41.55	Soil	9,360	-1.51
08/30/2021	16:32:29	78765.10	394734.91	41.58	Soil	12,720	0.85
08/30/2021	16:32:30	78765.07	394735.19	41.56	Soil	9,600	-1.34
08/30/2021	16:32:31	78765.06	394735.54	41.56	Soil	10,620	-0.62
08/30/2021	16:32:32	78765.00	394735.83	41.56	Soil	10,020	-1.05
08/30/2021	16:32:33	78765.02	394736.13	41.54	Soil	10,860	-0.46
08/30/2021	16:32:34	78764.98	394736.45	41.54	Soil	10,680	-0.58
08/30/2021	16:32:35	78765.05	394736.72	41.51	Soil	12,540	0.72
08/30/2021	16:32:36	78765.00	394737.04	41.52	Soil	11,580	0.05
08/30/2021	16:32:37	78764.97	394737.33	41.49	Soil	10,500	-0.71
08/30/2021	16:32:38	78764.95	394737.61	41.50	Soil	10,440	-0.75
08/30/2021	16:32:39	78764.90	394737.92	41.52	Soil	10,920	-0.41
08/30/2021	16:32:40	78764.94	394738.24	41.51	Soil	11,940	0.30
08/30/2021	16:32:41	78764.92	394738.49	41.54	Soil	10,860	-0.46
08/30/2021	16:32:42	78765.10	394738.71	41.54	Soil	12,360	0.60
08/30/2021	16:32:43	78765.22	394738.97	41.56	Soil	9,960	-1.09
08/30/2021	16:32:44	78765.14	394739.16	41.55	Soil	12,300	0.55
08/30/2021	16:32:45	78765.07	394739.49	41.52	Soil	11,700	0.13
08/30/2021	16:32:46	78765.24	394739.71	41.51	Soil	12,060	0.39
08/30/2021	16:32:47	78765.47	394739.50	41.50	Soil	10,740	-0.54
08/30/2021	16:32:48	78765.46	394739.19	41.48	Soil	11,400	-0.08
08/30/2021	16:32:49	78765.52	394738.85	41.48	Soil	11,640	0.09
08/30/2021	16:32:50	78765.49	394738.54	41.50	Soil	11,160	-0.25
08/30/2021	16:32:51	78765.51	394738.20	41.48	Soil	11,760	0.18
08/30/2021	16:32:52	78765.55	394737.82	41.47	Soil	10,200	-0.92
08/30/2021	16:32:53	78765.56	394737.46	41.48	Soil	10,140	-0.96
08/30/2021	16:32:54	78765.61	394737.10	41.51	Soil	11,160	-0.25
08/30/2021	16:32:55	78765.61	394736.72	41.50	Soil	11,520	0.01
08/30/2021	16:32:56	78765.70	394736.35	41.52	Soil	10,200	-0.92
08/30/2021	16:32:57	78765.74	394735.98	41.50	Soil	11,700	0.13
08/30/2021	16:32:58	78765.79	394735.65	41.51	Soil	9,480	-1.42
08/30/2021	16:32:59	78765.77	394735.32	41.49	Soil	11,340	-0.12
08/30/2021	16:33:00	78765.85	394734.99	41.48	Soil	11,340	-0.12

SU 7D GWS RESULTS
(SOIL)

08/30/2021	16:33:01	78765.85	394734.67	41.49	Soil	13,200	1.19
08/30/2021	16:33:02	78765.89	394734.36	41.47	Soil	11,340	-0.12
08/30/2021	16:33:03	78765.96	394734.03	41.46	Soil	11,280	-0.16
08/30/2021	16:33:04	78766.02	394733.68	41.47	Soil	12,720	0.85
08/30/2021	16:33:05	78766.07	394733.34	41.50	Soil	11,760	0.18
08/30/2021	16:33:06	78766.03	394733.06	41.48	Soil	12,180	0.47
08/30/2021	16:33:07	78766.11	394732.80	41.49	Soil	13,020	1.06
08/30/2021	16:33:08	78766.15	394732.51	41.49	Soil	11,160	-0.25
08/30/2021	16:33:09	78766.23	394732.21	41.50	Soil	11,940	0.30
08/30/2021	16:33:10	78766.22	394731.96	41.51	Soil	10,320	-0.84
08/30/2021	16:33:11	78766.24	394731.72	41.53	Soil	11,460	-0.04
08/30/2021	16:33:12	78766.22	394731.35	41.53	Soil	12,180	0.47
08/30/2021	16:33:13	78766.30	394731.05	41.50	Soil	12,660	0.81
08/30/2021	16:33:14	78766.55	394730.96	41.53	Soil	11,700	0.13
08/30/2021	16:33:15	78766.63	394730.83	41.50	Soil	11,220	-0.20
08/30/2021	16:33:16	78766.48	394730.91	41.49	Soil	10,140	-0.96
08/30/2021	16:33:17	78766.40	394731.17	41.49	Soil	12,360	0.60
08/30/2021	16:33:18	78766.38	394731.46	41.48	Soil	9,960	-1.09
08/30/2021	16:33:19	78766.38	394731.78	41.49	Soil	10,380	-0.79
08/30/2021	16:33:20	78766.33	394732.07	41.48	Soil	8,820	-1.89
08/30/2021	16:33:21	78766.34	394732.39	41.48	Soil	9,300	-1.55
08/30/2021	16:33:22	78766.30	394732.68	41.47	Soil	11,280	-0.16
08/30/2021	16:33:23	78766.30	394732.97	41.45	Soil	12,300	0.55
08/30/2021	16:33:24	78766.22	394733.30	41.47	Soil	10,860	-0.46
08/30/2021	16:33:25	78766.27	394733.59	41.47	Soil	9,360	-1.51
08/30/2021	16:33:26	78766.26	394733.90	41.48	Soil	12,120	0.43
08/30/2021	16:33:27	78766.24	394734.19	41.44	Soil	12,120	0.43
08/30/2021	16:33:28	78766.25	394734.54	41.46	Soil	11,880	0.26
08/30/2021	16:33:29	78766.21	394734.85	41.45	Soil	11,460	-0.04
08/30/2021	16:33:30	78766.24	394735.17	41.43	Soil	10,980	-0.37
08/30/2021	16:33:31	78766.21	394735.46	41.40	Soil	10,380	-0.79
08/30/2021	16:33:32	78766.25	394735.76	41.39	Soil	11,760	0.18
08/30/2021	16:33:33	78766.20	394736.09	41.43	Soil	12,240	0.51
08/30/2021	16:33:34	78766.21	394736.40	41.42	Soil	12,480	0.68
08/30/2021	16:33:35	78766.20	394736.68	41.44	Soil	12,060	0.39
08/30/2021	16:33:36	78766.17	394736.95	41.42	Soil	12,720	0.85
08/30/2021	16:33:37	78766.16	394737.25	41.43	Soil	9,900	-1.13
08/30/2021	16:33:38	78766.15	394737.56	41.43	Soil	11,220	-0.20
08/30/2021	16:33:39	78766.19	394737.86	41.43	Soil	10,200	-0.92
08/30/2021	16:33:40	78766.17	394738.16	41.45	Soil	9,960	-1.09
08/30/2021	16:33:41	78766.25	394738.39	41.46	Soil	11,700	0.13
08/30/2021	16:33:42	78766.24	394738.61	41.49	Soil	9,960	-1.09
08/30/2021	16:33:43	78766.32	394738.83	41.48	Soil	10,800	-0.50
08/30/2021	16:33:44	78766.52	394739.04	41.49	Soil	10,380	-0.79
08/30/2021	16:33:45	78766.45	394739.26	41.49	Soil	11,100	-0.29
08/30/2021	16:33:46	78766.39	394739.51	41.46	Soil	10,560	-0.67
08/30/2021	16:33:47	78766.67	394739.52	41.43	Soil	10,620	-0.62
08/30/2021	16:33:48	78766.88	394739.27	41.41	Soil	11,760	0.18
08/30/2021	16:33:49	78766.96	394738.99	41.37	Soil	13,440	1.35
08/30/2021	16:33:50	78767.06	394738.66	41.38	Soil	10,080	-1.00
08/30/2021	16:33:51	78767.05	394738.33	41.37	Soil	10,800	-0.50

SU 7D GWS RESULTS
(SOIL)

08/30/2021	16:33:52	78767.10	394738.04	41.37	Soil	12,120	0.43
08/30/2021	16:33:53	78767.10	394737.75	41.37	Soil	10,260	-0.88
08/30/2021	16:33:54	78767.11	394737.45	41.37	Soil	11,100	-0.29
08/30/2021	16:33:55	78767.14	394737.14	41.39	Soil	11,760	0.18
08/30/2021	16:33:56	78767.13	394736.84	41.40	Soil	10,920	-0.41
08/30/2021	16:33:57	78767.16	394736.52	41.41	Soil	10,500	-0.71
08/30/2021	16:33:58	78767.16	394736.23	41.41	Soil	12,120	0.43
08/30/2021	16:33:59	78767.21	394735.96	41.43	Soil	12,300	0.55
08/30/2021	16:34:00	78767.19	394735.68	41.45	Soil	12,300	0.55
08/30/2021	16:34:01	78767.21	394735.40	41.47	Soil	12,420	0.64
08/30/2021	16:34:02	78767.22	394735.09	41.48	Soil	11,340	-0.12
08/30/2021	16:34:03	78767.22	394734.78	41.47	Soil	11,700	0.13
08/30/2021	16:34:04	78767.27	394734.50	41.48	Soil	11,340	-0.12
08/30/2021	16:34:05	78767.28	394734.20	41.48	Soil	10,560	-0.67
08/30/2021	16:34:06	78767.36	394733.94	41.48	Soil	10,980	-0.37
08/30/2021	16:34:07	78767.37	394733.65	41.47	Soil	10,920	-0.41
08/30/2021	16:34:08	78767.42	394733.38	41.49	Soil	12,720	0.85
08/30/2021	16:34:09	78767.41	394733.12	41.50	Soil	12,600	0.76
08/30/2021	16:34:10	78767.44	394732.85	41.50	Soil	9,840	-1.17
08/30/2021	16:34:11	78767.48	394732.58	41.50	Soil	10,800	-0.50
08/30/2021	16:34:12	78767.47	394732.27	41.50	Soil	10,920	-0.41
08/30/2021	16:34:13	78767.50	394731.98	41.55	Soil	10,500	-0.71
08/30/2021	16:34:14	78767.43	394731.67	41.53	Soil	11,880	0.26
08/30/2021	16:34:15	78767.43	394731.55	41.52	Soil	11,640	0.09
08/30/2021	16:34:16	78767.49	394731.50	41.51	Soil	12,180	0.47
08/30/2021	16:34:17	78767.83	394731.31	41.54	Soil	10,380	-0.79
08/30/2021	16:34:18	78768.03	394731.25	41.52	Soil	10,800	-0.50
08/30/2021	16:34:19	78767.85	394731.28	41.49	Soil	11,280	-0.16
08/30/2021	16:34:20	78767.82	394731.41	41.47	Soil	12,480	0.68
08/30/2021	16:34:21	78767.82	394731.63	41.48	Soil	10,740	-0.54
08/30/2021	16:34:22	78767.71	394731.86	41.46	Soil	11,280	-0.16
08/30/2021	16:34:23	78767.70	394732.09	41.46	Soil	10,200	-0.92
08/30/2021	16:34:24	78767.65	394732.36	41.46	Soil	9,600	-1.34
08/30/2021	16:34:25	78767.67	394732.63	41.45	Soil	11,340	-0.12
08/30/2021	16:34:26	78767.62	394732.91	41.44	Soil	9,360	-1.51
08/30/2021	16:34:27	78767.62	394733.16	41.40	Soil	12,120	0.43
08/30/2021	16:34:28	78767.60	394733.45	41.41	Soil	11,820	0.22
08/30/2021	16:34:29	78767.53	394733.70	41.42	Soil	12,480	0.68
08/30/2021	16:34:30	78767.52	394733.94	41.42	Soil	10,260	-0.88
08/30/2021	16:34:31	78767.51	394734.20	41.41	Soil	11,640	0.09
08/30/2021	16:34:32	78767.55	394734.45	41.40	Soil	11,580	0.05
08/30/2021	16:34:33	78767.51	394734.71	41.42	Soil	10,680	-0.58
08/30/2021	16:34:34	78767.60	394734.97	41.44	Soil	10,620	-0.62
08/30/2021	16:34:35	78767.61	394735.26	41.43	Soil	9,300	-1.55
08/30/2021	16:34:36	78767.58	394735.55	41.44	Soil	11,400	-0.08
08/30/2021	16:34:37	78767.60	394735.79	41.42	Soil	13,560	1.44
08/30/2021	16:34:38	78767.57	394736.02	41.44	Soil	13,740	1.56
08/30/2021	16:34:39	78767.62	394736.23	41.42	Soil	11,100	-0.29
08/30/2021	16:34:40	78767.60	394736.42	41.42	Soil	12,120	0.43
08/30/2021	16:34:41	78767.62	394736.63	41.40	Soil	11,880	0.26
08/30/2021	16:34:42	78767.57	394736.87	41.40	Soil	10,620	-0.62

SU 7D GWS RESULTS
(SOIL)

08/30/2021	16:34:43	78767.55	394737.11	41.38	Soil	10,140	-0.96
08/30/2021	16:34:44	78767.56	394737.37	41.38	Soil	10,740	-0.54
08/30/2021	16:34:45	78767.53	394737.65	41.37	Soil	11,520	0.01
08/30/2021	16:34:46	78767.56	394737.96	41.38	Soil	9,900	-1.13
08/30/2021	16:34:47	78767.53	394738.25	41.37	Soil	9,720	-1.26
08/30/2021	16:34:48	78767.54	394738.50	41.38	Soil	10,560	-0.67
08/30/2021	16:34:49	78767.48	394738.74	41.38	Soil	10,680	-0.58
08/30/2021	16:34:50	78767.57	394738.90	41.37	Soil	12,540	0.72
08/30/2021	16:34:51	78767.76	394739.01	41.36	Soil	11,280	-0.16
08/30/2021	16:34:52	78767.76	394739.19	41.35	Soil	12,300	0.55
08/30/2021	16:34:53	78767.61	394739.42	41.29	Soil	11,040	-0.33
08/30/2021	16:34:54	78767.82	394739.38	41.29	Soil	9,540	-1.38
08/30/2021	16:34:55	78767.96	394739.16	41.29	Soil	11,640	0.09
08/30/2021	16:34:56	78767.95	394738.85	41.29	Soil	10,500	-0.71
08/30/2021	16:34:57	78768.00	394738.56	41.30	Soil	10,920	-0.41
08/30/2021	16:34:58	78767.96	394738.32	41.30	Soil	11,160	-0.25
08/30/2021	16:34:59	78768.03	394738.07	41.37	Soil	13,080	1.10
08/30/2021	16:35:00	78768.04	394737.80	41.32	Soil	12,000	0.34
08/30/2021	16:35:01	78768.06	394737.52	41.36	Soil	10,500	-0.71
08/30/2021	16:35:02	78768.09	394737.23	41.31	Soil	12,120	0.43
08/30/2021	16:35:03	78768.11	394737.00	41.34	Soil	10,200	-0.92
08/30/2021	16:35:04	78768.12	394736.76	41.34	Soil	12,300	0.55
08/30/2021	16:35:05	78768.14	394736.49	41.35	Soil	10,800	-0.50
08/30/2021	16:35:06	78768.21	394736.24	41.33	Soil	10,020	-1.05
08/30/2021	16:35:07	78768.27	394735.97	41.30	Soil	12,600	0.76
08/30/2021	16:35:08	78768.34	394735.74	41.37	Soil	12,900	0.98
08/30/2021	16:35:09	78768.21	394735.51	41.38	Soil	10,980	-0.37
08/30/2021	16:35:10	78768.24	394735.30	41.40	Soil	10,380	-0.79
08/30/2021	16:35:11	78768.26	394735.06	41.37	Soil	12,600	0.76
08/30/2021	16:35:12	78768.31	394734.78	41.39	Soil	11,100	-0.29
08/30/2021	16:35:13	78768.32	394734.50	41.40	Soil	11,460	-0.04
08/30/2021	16:35:14	78768.38	394734.23	41.38	Soil	10,680	-0.58
08/30/2021	16:35:15	78768.41	394733.94	41.39	Soil	13,140	1.14
08/30/2021	16:35:16	78768.46	394733.63	41.30	Soil	11,760	0.18
08/30/2021	16:35:17	78768.61	394733.37	41.31	Soil	11,100	-0.29
08/30/2021	16:35:18	78768.67	394733.05	41.27	Soil	9,780	-1.21
08/30/2021	16:35:19	78768.76	394732.73	41.28	Soil	9,240	-1.59
08/30/2021	16:35:20	78768.71	394732.23	41.21	Soil	12,900	0.98
08/30/2021	16:35:21	78768.86	394731.89	41.25	Soil	11,580	0.05
08/30/2021	16:35:22	78769.03	394731.99	41.28	Soil	10,260	-0.88
08/30/2021	16:35:23	78769.27	394731.73	41.18	Soil	12,060	0.39
08/30/2021	16:35:24	78769.30	394731.71	41.31	Soil	11,760	0.18
08/30/2021	16:35:25	78768.96	394731.60	41.32	Soil	11,460	-0.04
08/30/2021	16:35:26	78768.97	394731.56	41.21	Soil	9,480	-1.42
08/30/2021	16:35:27	78768.99	394731.70	41.32	Soil	12,660	0.81
08/30/2021	16:35:28	78769.01	394731.80	41.31	Soil	11,100	-0.29
08/30/2021	16:35:29	78768.89	394731.99	41.28	Soil	11,160	-0.25
08/30/2021	16:35:30	78768.86	394732.33	41.27	Soil	12,660	0.81
08/30/2021	16:35:31	78768.81	394732.70	41.26	Soil	11,820	0.22
08/30/2021	16:35:32	78768.90	394733.03	41.27	Soil	11,160	-0.25
08/30/2021	16:35:33	78768.84	394733.32	41.22	Soil	12,360	0.60

SU 7D GWS RESULTS
(SOIL)

08/30/2021	16:35:34	78768.88	394733.49	41.21	Soil	10,380	-0.79
08/30/2021	16:35:35	78768.83	394733.79	41.19	Soil	13,440	1.35
08/30/2021	16:35:36	78768.85	394734.15	41.22	Soil	11,220	-0.20
08/30/2021	16:35:37	78768.75	394734.53	41.23	Soil	12,240	0.51
08/30/2021	16:35:38	78768.70	394734.83	41.22	Soil	11,280	-0.16
08/30/2021	16:35:39	78768.65	394735.12	41.24	Soil	10,260	-0.88
08/30/2021	16:35:40	78768.58	394735.44	41.21	Soil	9,600	-1.34
08/30/2021	16:35:41	78768.60	394735.77	41.22	Soil	11,220	-0.20
08/30/2021	16:35:42	78768.57	394736.11	41.22	Soil	11,400	-0.08
08/30/2021	16:35:43	78768.61	394736.42	41.20	Soil	11,640	0.09
08/30/2021	16:35:44	78768.60	394736.75	41.19	Soil	10,800	-0.50
08/30/2021	16:35:45	78768.63	394737.07	41.19	Soil	11,160	-0.25
08/30/2021	16:35:46	78768.54	394737.36	41.20	Soil	11,640	0.09
08/30/2021	16:35:47	78768.58	394737.68	41.17	Soil	12,000	0.34
08/30/2021	16:35:48	78768.58	394737.97	41.16	Soil	12,660	0.81
08/30/2021	16:35:49	78768.67	394738.22	41.13	Soil	11,100	-0.29
08/30/2021	16:35:50	78768.58	394738.58	41.16	Soil	12,720	0.85
08/30/2021	16:35:51	78768.57	394738.91	41.14	Soil	10,380	-0.79
08/30/2021	16:35:52	78768.65	394739.25	41.15	Soil	9,720	-1.26
08/30/2021	16:35:53	78769.00	394739.65	41.10	Soil	12,180	0.47
08/30/2021	16:35:54	78769.38	394739.86	41.11	Soil	10,080	-1.00
08/30/2021	16:35:55	78769.27	394739.73	41.16	Soil	12,480	0.68
08/30/2021	16:35:56	78769.08	394739.52	41.16	Soil	10,560	-0.67
08/30/2021	16:35:57	78769.14	394739.36	41.15	Soil	12,720	0.85
08/30/2021	16:35:58	78769.09	394739.12	41.13	Soil	10,380	-0.79
08/30/2021	16:35:59	78769.06	394738.83	41.12	Soil	9,960	-1.09
08/30/2021	16:36:00	78769.13	394738.57	41.12	Soil	10,440	-0.75
08/30/2021	16:36:01	78769.29	394738.20	41.13	Soil	9,300	-1.55
08/30/2021	16:36:02	78769.55	394737.79	41.16	Soil	11,880	0.26
08/30/2021	16:36:03	78769.61	394737.31	41.14	Soil	10,740	-0.54
08/30/2021	16:36:04	78769.65	394736.92	41.15	Soil	10,500	-0.71
08/30/2021	16:36:05	78769.50	394736.56	41.18	Soil	12,000	0.34
08/30/2021	16:36:06	78769.44	394736.21	41.18	Soil	11,160	-0.25
08/30/2021	16:36:07	78769.43	394735.89	41.19	Soil	12,840	0.93
08/30/2021	16:36:08	78769.50	394735.54	41.17	Soil	13,140	1.14
08/30/2021	16:36:09	78769.52	394735.19	41.19	Soil	10,560	-0.67
08/30/2021	16:36:10	78769.45	394734.82	41.18	Soil	10,800	-0.50
08/30/2021	16:36:11	78769.54	394734.42	41.21	Soil	12,720	0.85
08/30/2021	16:36:12	78769.60	394734.02	41.20	Soil	12,420	0.64
08/30/2021	16:36:13	78769.69	394733.68	41.21	Soil	11,880	0.26
08/30/2021	16:36:14	78769.68	394733.30	41.22	Soil	11,520	0.01
08/30/2021	16:36:15	78769.73	394732.95	41.23	Soil	9,960	-1.09
08/30/2021	16:36:16	78769.71	394732.65	41.24	Soil	14,400	2.03
08/30/2021	16:36:17	78769.77	394732.39	41.26	Soil	11,880	0.26
08/30/2021	16:36:18	78769.83	394732.16	41.21	Soil	10,980	-0.37
08/30/2021	16:36:19	78769.94	394731.84	41.22	Soil	11,880	0.26
08/30/2021	16:36:20	78770.14	394731.64	41.22	Soil	12,300	0.55
08/30/2021	16:36:21	78770.10	394731.98	41.22	Soil	10,800	-0.50
08/30/2021	16:36:22	78770.06	394732.42	41.23	Soil	11,160	-0.25
08/30/2021	16:36:23	78770.04	394732.85	41.21	Soil	12,600	0.76
08/30/2021	16:36:24	78770.07	394733.25	41.18	Soil	12,480	0.68

SU 7D GWS RESULTS
(SOIL)

08/30/2021	16:36:25	78770.02	394733.62	41.13	Soil	10,920	-0.41
08/30/2021	16:36:26	78770.18	394733.98	41.07	Soil	11,820	0.22
08/30/2021	16:36:27	78770.21	394734.37	41.03	Soil	12,420	0.64
08/30/2021	16:36:28	78770.30	394734.71	41.03	Soil	10,440	-0.75
08/30/2021	16:36:29	78770.29	394735.06	41.00	Soil	9,960	-1.09
08/30/2021	16:36:30	78770.42	394735.39	40.91	Soil	11,220	-0.20
08/30/2021	16:36:31	78770.43	394735.63	40.88	Soil	11,580	0.05
08/30/2021	16:36:32	78770.50	394735.92	40.89	Soil	10,920	-0.41
08/30/2021	16:36:33	78770.45	394736.21	40.97	Soil	11,700	0.13
08/30/2021	16:36:34	78770.49	394736.49	41.00	Soil	11,820	0.22
08/30/2021	16:36:35	78770.52	394736.85	40.98	Soil	10,740	-0.54
08/30/2021	16:36:36	78770.56	394737.22	40.93	Soil	10,440	-0.75
08/30/2021	16:36:37	78770.55	394737.59	40.94	Soil	10,980	-0.37
08/30/2021	16:36:38	78770.52	394737.93	40.95	Soil	12,600	0.76
08/30/2021	16:36:39	78770.49	394738.32	40.96	Soil	10,860	-0.46
08/30/2021	16:36:40	78770.41	394738.61	40.89	Soil	12,360	0.60
08/30/2021	16:36:41	78770.49	394739.10	40.92	Soil	11,280	-0.16
08/30/2021	16:36:42	78770.44	394739.80	40.90	Soil	11,880	0.26
08/30/2021	16:36:43	78770.77	394740.06	40.82	Soil	12,540	0.72
08/30/2021	16:36:44	78771.03	394740.43	40.81	Soil	12,240	0.51
08/30/2021	16:36:45	78771.21	394740.66	40.78	Soil	12,600	0.76
08/30/2021	16:36:46	78771.31	394740.47	40.77	Soil	12,120	0.43
08/30/2021	16:36:47	78771.39	394740.19	40.78	Soil	12,060	0.39
08/30/2021	16:36:48	78771.33	394739.97	40.83	Soil	11,220	-0.20
08/30/2021	16:36:49	78771.19	394739.68	40.76	Soil	12,480	0.68
08/30/2021	16:36:50	78770.98	394739.23	40.79	Soil	11,760	0.18
08/30/2021	16:36:51	78771.06	394738.74	40.63	Soil	11,040	-0.33
08/30/2021	16:36:52	78771.18	394738.27	40.80	Soil	13,020	1.06
08/30/2021	16:36:53	78771.08	394738.05	40.83	Soil	12,600	0.76
08/30/2021	16:36:54	78771.01	394737.69	40.87	Soil	11,940	0.30
08/30/2021	16:36:55	78771.02	394737.36	40.89	Soil	13,680	1.52
08/30/2021	16:36:56	78770.98	394736.94	40.90	Soil	12,360	0.60
08/30/2021	16:36:57	78770.92	394736.45	40.71	Soil	10,680	-0.58
08/30/2021	16:36:58	78771.00	394736.08	40.84	Soil	11,700	0.13
08/30/2021	16:36:59	78770.91	394735.86	40.88	Soil	12,120	0.43
08/30/2021	16:37:41	78769.74	394733.13	41.25	Soil	12,240	0.51
08/30/2021	16:37:42	78769.81	394733.10	41.25	Soil	12,300	0.55
08/30/2021	16:37:43	78769.95	394733.05	41.22	Soil	10,920	-0.41
08/30/2021	16:37:44	78770.09	394732.99	41.18	Soil	13,140	1.14
08/30/2021	16:37:45	78770.34	394732.85	41.22	Soil	12,840	0.93
08/30/2021	16:37:46	78770.40	394732.61	41.19	Soil	11,880	0.26
08/30/2021	16:37:47	78770.47	394732.25	41.18	Soil	11,400	-0.08
08/30/2021	16:37:48	78770.45	394731.77	41.14	Soil	11,520	0.01
08/30/2021	16:37:49	78770.56	394731.29	41.19	Soil	12,060	0.39
08/30/2021	16:37:50	78770.44	394730.80	41.22	Soil	11,460	-0.04
08/30/2021	16:37:51	78770.39	394730.44	41.24	Soil	12,360	0.60
08/30/2021	16:40:36	78794.16	394773.35	41.15	Soil	10,440	-0.75
08/30/2021	16:40:37	78794.04	394773.39	41.19	Soil	10,320	-0.84
08/30/2021	16:40:38	78793.60	394773.40	41.11	Soil	10,260	-0.88
08/30/2021	16:40:39	78793.08	394773.24	41.11	Soil	10,500	-0.71
08/30/2021	16:40:40	78792.40	394773.32	41.20	Soil	9,360	-1.51

SU 7D GWS RESULTS
(SOIL)

08/30/2021	16:40:41	78791.78	394773.11	41.30	Soil	12,420	0.64
08/30/2021	16:40:42	78791.28	394773.14	41.37	Soil	9,480	-1.42
08/30/2021	16:40:43	78790.77	394773.11	41.41	Soil	10,500	-0.71
08/30/2021	16:40:44	78790.32	394773.31	41.43	Soil	11,220	-0.20
08/30/2021	16:40:45	78789.79	394773.29	41.40	Soil	10,500	-0.71
08/30/2021	16:40:46	78789.27	394773.40	41.43	Soil	10,860	-0.46
08/30/2021	16:40:47	78788.76	394773.35	41.37	Soil	9,840	-1.17
08/30/2021	16:40:48	78788.30	394773.48	41.34	Soil	10,920	-0.41
08/30/2021	16:40:49	78787.71	394773.46	41.39	Soil	11,280	-0.16
08/30/2021	16:40:50	78787.10	394773.62	41.39	Soil	13,440	1.35
08/30/2021	16:40:51	78786.62	394773.51	41.43	Soil	10,200	-0.92
08/30/2021	16:40:52	78786.11	394773.57	41.43	Soil	10,620	-0.62
08/30/2021	16:40:53	78785.64	394773.46	41.44	Soil	13,260	1.23
08/30/2021	16:40:54	78785.18	394773.53	41.40	Soil	12,360	0.60
08/30/2021	16:40:55	78784.58	394773.40	41.44	Soil	13,920	1.69
08/30/2021	16:40:56	78784.04	394773.53	41.45	Soil	12,000	0.34
08/30/2021	16:40:57	78783.63	394773.51	41.46	Soil	13,740	1.56
08/30/2021	16:40:58	78783.11	394773.65	41.45	Soil	12,840	0.93
08/30/2021	16:40:59	78782.61	394773.64	41.47	Soil	12,540	0.72
08/30/2021	16:41:00	78782.16	394773.70	41.47	Soil	13,200	1.19
08/30/2021	16:41:01	78781.80	394773.75	41.43	Soil	12,420	0.64
08/30/2021	16:41:02	78781.37	394773.63	41.38	Soil	11,340	-0.12
08/30/2021	16:41:03	78780.84	394773.42	41.40	Soil	13,380	1.31
08/30/2021	16:41:04	78780.25	394773.29	41.43	Soil	11,700	0.13
08/30/2021	16:41:05	78779.77	394773.12	41.43	Soil	12,360	0.60
08/30/2021	16:41:06	78779.31	394772.99	41.40	Soil	10,800	-0.50
08/30/2021	16:41:07	78778.84	394772.72	41.39	Soil	10,260	-0.88
08/30/2021	16:41:08	78778.34	394772.53	41.31	Soil	11,640	0.09
08/30/2021	16:41:09	78777.83	394772.36	41.36	Soil	12,660	0.81
08/30/2021	16:41:10	78777.21	394772.25	41.37	Soil	10,500	-0.71
08/30/2021	16:41:11	78776.76	394772.10	41.44	Soil	10,560	-0.67
08/30/2021	16:41:12	78776.27	394772.17	41.39	Soil	12,780	0.89
08/30/2021	16:41:13	78775.74	394772.01	41.43	Soil	12,180	0.47
08/30/2021	16:41:14	78775.16	394772.01	41.44	Soil	11,520	0.01
08/30/2021	16:41:15	78774.50	394771.91	41.45	Soil	11,580	0.05
08/30/2021	16:41:16	78773.96	394771.88	41.46	Soil	12,660	0.81
08/30/2021	16:41:17	78773.46	394771.64	41.46	Soil	12,420	0.64
08/30/2021	16:41:18	78772.86	394771.59	41.46	Soil	11,160	-0.25
08/30/2021	16:41:19	78772.24	394771.46	41.43	Soil	11,460	-0.04
08/30/2021	16:41:20	78771.57	394771.50	41.44	Soil	9,240	-1.59
08/30/2021	16:41:21	78770.99	394771.29	41.46	Soil	9,600	-1.34
08/30/2021	16:41:22	78770.79	394771.17	41.43	Soil	11,820	0.22
08/30/2021	16:41:23	78770.77	394771.43	41.50	Soil	10,500	-0.71
08/30/2021	16:41:24	78771.12	394771.82	41.50	Soil	12,360	0.60
08/30/2021	16:41:25	78770.96	394771.87	41.47	Soil	11,580	0.05
08/30/2021	16:41:26	78770.85	394772.10	41.47	Soil	9,600	-1.34
08/30/2021	16:41:27	78771.27	394772.21	41.46	Soil	11,760	0.18
08/30/2021	16:41:28	78771.70	394772.47	41.46	Soil	11,280	-0.16
08/30/2021	16:41:29	78772.23	394772.56	41.44	Soil	11,100	-0.29
08/30/2021	16:41:30	78772.65	394772.74	41.45	Soil	11,880	0.26
08/30/2021	16:41:31	78773.18	394772.68	41.43	Soil	12,360	0.60

SU 7D GWS RESULTS
(SOIL)

08/30/2021	16:41:32	78773.72	394772.81	41.41	Soil	12,360	0.60
08/30/2021	16:41:33	78774.34	394772.80	41.40	Soil	10,380	-0.79
08/30/2021	16:41:34	78774.98	394773.02	41.38	Soil	11,340	-0.12
08/30/2021	16:41:35	78775.59	394773.00	41.37	Soil	10,560	-0.67
08/30/2021	16:41:36	78776.23	394773.18	41.40	Soil	11,820	0.22
08/30/2021	16:41:37	78776.74	394773.19	41.39	Soil	11,280	-0.16
08/30/2021	16:41:38	78777.14	394773.40	41.35	Soil	10,320	-0.84
08/30/2021	16:41:39	78777.49	394773.31	41.31	Soil	10,620	-0.62
08/30/2021	16:41:40	78777.90	394773.43	41.33	Soil	11,700	0.13
08/30/2021	16:41:41	78778.41	394773.43	41.34	Soil	11,460	-0.04
08/30/2021	16:41:42	78778.88	394773.47	41.37	Soil	11,460	-0.04
08/30/2021	16:41:43	78779.28	394773.54	41.38	Soil	12,840	0.93
08/30/2021	16:41:44	78779.75	394773.51	41.28	Soil	14,160	1.86
08/30/2021	16:41:45	78780.25	394773.51	41.25	Soil	12,240	0.51
08/30/2021	16:41:46	78780.78	394773.47	41.28	Soil	12,720	0.85
08/30/2021	16:41:47	78781.42	394773.47	41.31	Soil	13,260	1.23
08/30/2021	16:41:48	78782.01	394773.50	41.29	Soil	12,360	0.60
08/30/2021	16:41:49	78782.57	394773.44	41.31	Soil	13,380	1.31
08/30/2021	16:41:50	78783.18	394773.48	41.32	Soil	11,460	-0.04
08/30/2021	16:41:51	78783.78	394773.40	41.29	Soil	12,540	0.72
08/30/2021	16:41:52	78784.35	394773.55	41.32	Soil	14,040	1.78
08/30/2021	16:41:53	78785.06	394773.59	41.38	Soil	13,860	1.65
08/30/2021	16:41:54	78785.70	394773.78	41.38	Soil	13,860	1.65
08/30/2021	16:41:55	78786.21	394773.96	41.37	Soil	12,420	0.64
08/30/2021	16:41:56	78786.74	394774.08	41.36	Soil	12,060	0.39
08/30/2021	16:41:57	78787.34	394774.16	41.33	Soil	12,600	0.76
08/30/2021	16:41:58	78787.96	394774.14	41.30	Soil	11,640	0.09
08/30/2021	16:41:59	78788.53	394774.23	41.29	Soil	10,140	-0.96
08/30/2021	16:42:00	78789.07	394774.19	41.27	Soil	12,360	0.60
08/30/2021	16:42:01	78789.67	394774.26	41.25	Soil	12,120	0.43
08/30/2021	16:42:02	78790.30	394774.22	41.24	Soil	10,260	-0.88
08/30/2021	16:42:03	78790.86	394774.28	41.23	Soil	11,160	-0.25
08/30/2021	16:42:04	78791.32	394774.18	41.23	Soil	12,000	0.34
08/30/2021	16:42:05	78791.84	394774.31	41.24	Soil	14,520	2.11
08/30/2021	16:42:06	78792.28	394774.25	41.24	Soil	11,880	0.26
08/30/2021	16:42:07	78792.84	394774.28	41.21	Soil	11,640	0.09
08/30/2021	16:42:08	78793.38	394774.12	41.20	Soil	12,000	0.34
08/30/2021	16:42:09	78793.97	394774.05	41.17	Soil	10,680	-0.58
08/30/2021	16:42:10	78794.52	394774.19	41.18	Soil	13,020	1.06
08/30/2021	16:42:11	78794.74	394774.61	41.23	Soil	11,400	-0.08
08/30/2021	16:42:12	78794.60	394774.71	41.20	Soil	10,620	-0.62
08/30/2021	16:42:13	78794.59	394774.86	41.22	Soil	12,900	0.98
08/30/2021	16:42:14	78794.53	394774.91	41.22	Soil	11,340	-0.12
08/30/2021	16:42:15	78794.48	394774.85	41.22	Soil	11,280	-0.16
08/30/2021	16:42:16	78794.21	394774.78	41.23	Soil	11,400	-0.08
08/30/2021	16:42:17	78793.79	394774.83	41.25	Soil	13,260	1.23
08/30/2021	16:42:18	78793.40	394774.78	41.25	Soil	11,580	0.05
08/30/2021	16:42:19	78793.00	394774.83	41.28	Soil	11,940	0.30
08/30/2021	16:42:20	78792.57	394774.76	41.28	Soil	12,960	1.02
08/30/2021	16:42:21	78792.21	394774.86	41.29	Soil	14,220	1.90
08/30/2021	16:42:22	78791.79	394774.74	41.31	Soil	11,220	-0.20

SU 7D GWS RESULTS
(SOIL)

08/30/2021	16:42:23	78791.38	394774.86	41.32	Soil	10,680	-0.58
08/30/2021	16:42:24	78790.86	394774.75	41.34	Soil	12,300	0.55
08/30/2021	16:42:25	78790.49	394774.84	41.34	Soil	13,680	1.52
08/30/2021	16:42:26	78790.07	394774.78	41.35	Soil	13,200	1.19
08/30/2021	16:42:27	78789.69	394774.85	41.35	Soil	12,600	0.76
08/30/2021	16:42:28	78789.25	394774.80	41.37	Soil	13,920	1.69
08/30/2021	16:42:29	78788.73	394774.88	41.38	Soil	9,720	-1.26
08/30/2021	16:42:30	78788.32	394774.73	41.39	Soil	12,480	0.68
08/30/2021	16:42:31	78787.97	394774.74	41.38	Soil	12,060	0.39
08/30/2021	16:42:32	78787.59	394774.81	41.41	Soil	13,200	1.19
08/30/2021	16:42:33	78787.14	394774.73	41.40	Soil	12,180	0.47
08/30/2021	16:42:34	78786.63	394774.72	41.44	Soil	12,540	0.72
08/30/2021	16:42:35	78786.17	394774.59	41.42	Soil	11,760	0.18
08/30/2021	16:42:36	78785.76	394774.63	41.43	Soil	12,540	0.72
08/30/2021	16:42:37	78785.30	394774.50	41.43	Soil	13,140	1.14
08/30/2021	16:42:38	78784.81	394774.48	41.44	Soil	13,200	1.19
08/30/2021	16:42:39	78784.33	394774.33	41.45	Soil	12,060	0.39
08/30/2021	16:42:40	78783.78	394774.39	41.46	Soil	12,420	0.64
08/30/2021	16:42:41	78783.33	394774.27	41.47	Soil	13,020	1.06
08/30/2021	16:42:42	78782.93	394774.29	41.46	Soil	12,960	1.02
08/30/2021	16:42:43	78782.52	394774.17	41.46	Soil	12,420	0.64
08/30/2021	16:42:44	78782.14	394774.21	41.46	Soil	12,960	1.02
08/30/2021	16:42:45	78781.73	394774.14	41.46	Soil	11,700	0.13
08/30/2021	16:42:46	78781.38	394774.13	41.40	Soil	11,280	-0.16
08/30/2021	16:42:47	78780.90	394774.05	41.37	Soil	12,660	0.81
08/30/2021	16:42:48	78780.43	394773.95	41.44	Soil	11,760	0.18
08/30/2021	16:42:49	78779.96	394773.97	41.46	Soil	11,520	0.01
08/30/2021	16:42:50	78779.59	394773.82	41.45	Soil	12,240	0.51
08/30/2021	16:42:51	78779.20	394773.77	41.41	Soil	12,420	0.64
08/30/2021	16:42:52	78778.78	394773.60	41.35	Soil	9,480	-1.42
08/30/2021	16:42:53	78778.44	394773.67	41.34	Soil	12,360	0.60
08/30/2021	16:42:54	78777.93	394773.48	41.34	Soil	11,700	0.13
08/30/2021	16:42:55	78777.59	394773.46	41.31	Soil	10,740	-0.54
08/30/2021	16:42:56	78777.11	394773.50	41.34	Soil	10,380	-0.79
08/30/2021	16:42:57	78776.70	394773.44	41.35	Soil	10,320	-0.84
08/30/2021	16:42:58	78776.20	394773.47	41.35	Soil	10,140	-0.96
08/30/2021	16:42:59	78775.68	394773.28	41.35	Soil	9,960	-1.09
08/30/2021	16:43:00	78775.16	394773.31	41.36	Soil	12,000	0.34
08/30/2021	16:43:01	78774.61	394773.15	41.36	Soil	10,680	-0.58
08/30/2021	16:43:02	78774.13	394773.20	41.36	Soil	12,300	0.55
08/30/2021	16:43:03	78773.65	394773.05	41.32	Soil	10,500	-0.71
08/30/2021	16:43:04	78773.16	394773.02	41.36	Soil	11,040	-0.33
08/30/2021	16:43:05	78772.57	394772.84	41.38	Soil	11,760	0.18
08/30/2021	16:43:06	78772.10	394772.91	41.38	Soil	10,980	-0.37
08/30/2021	16:43:07	78771.68	394772.90	41.39	Soil	9,300	-1.55
08/30/2021	16:43:08	78771.03	394773.26	41.39	Soil	12,240	0.51
08/30/2021	16:43:09	78770.58	394773.43	41.42	Soil	10,920	-0.41
08/30/2021	16:43:10	78770.57	394773.44	41.43	Soil	10,260	-0.88
08/30/2021	16:43:11	78770.62	394773.53	41.41	Soil	10,980	-0.37
08/30/2021	16:43:12	78770.79	394773.65	41.42	Soil	10,860	-0.46
08/30/2021	16:43:13	78771.25	394773.69	41.41	Soil	9,900	-1.13

SU 7D GWS RESULTS
(SOIL)

08/30/2021	16:43:14	78771.65	394773.98	41.38	Soil	11,880	0.26
08/30/2021	16:43:15	78772.17	394773.99	41.38	Soil	10,860	-0.46
08/30/2021	16:43:16	78772.63	394774.18	41.37	Soil	10,260	-0.88
08/30/2021	16:43:17	78773.15	394774.18	41.38	Soil	12,060	0.39
08/30/2021	16:43:18	78773.66	394774.32	41.37	Soil	11,700	0.13
08/30/2021	16:43:19	78774.23	394774.33	41.33	Soil	11,280	-0.16
08/30/2021	16:43:20	78774.83	394774.50	41.32	Soil	10,740	-0.54
08/30/2021	16:43:21	78775.42	394774.54	41.32	Soil	11,280	-0.16
08/30/2021	16:43:22	78775.94	394774.66	41.34	Soil	9,720	-1.26
08/30/2021	16:43:23	78776.45	394774.58	41.36	Soil	11,520	0.01
08/30/2021	16:43:24	78776.95	394774.69	41.36	Soil	11,880	0.26
08/30/2021	16:43:25	78777.46	394774.65	41.38	Soil	12,720	0.85
08/30/2021	16:43:26	78778.02	394774.79	41.37	Soil	12,900	0.98
08/30/2021	16:43:27	78778.56	394774.68	41.41	Soil	11,400	-0.08
08/30/2021	16:43:28	78779.09	394774.74	41.50	Soil	12,060	0.39
08/30/2021	16:43:29	78779.64	394774.65	41.46	Soil	10,500	-0.71
08/30/2021	16:43:30	78780.18	394774.80	41.46	Soil	12,000	0.34
08/30/2021	16:43:31	78780.80	394774.78	41.44	Soil	14,340	1.99
08/30/2021	16:43:32	78781.36	394774.92	41.44	Soil	13,080	1.10
08/30/2021	16:43:33	78781.97	394774.90	41.44	Soil	14,100	1.82
08/30/2021	16:43:34	78782.54	394775.11	41.44	Soil	12,480	0.68
08/30/2021	16:43:35	78783.14	394775.11	41.42	Soil	11,040	-0.33
08/30/2021	16:43:36	78783.70	394775.26	41.42	Soil	12,420	0.64
08/30/2021	16:43:37	78784.30	394775.23	41.40	Soil	10,620	-0.62
08/30/2021	16:43:38	78784.85	394775.35	41.38	Soil	12,420	0.64
08/30/2021	16:43:39	78785.41	394775.27	41.35	Soil	13,020	1.06
08/30/2021	16:43:40	78785.96	394775.39	41.34	Soil	13,080	1.10
08/30/2021	16:43:41	78786.47	394775.32	41.33	Soil	12,900	0.98
08/30/2021	16:43:42	78787.01	394775.43	41.32	Soil	13,560	1.44
08/30/2021	16:43:43	78787.54	394775.36	41.31	Soil	11,700	0.13
08/30/2021	16:43:44	78788.06	394775.46	41.31	Soil	12,840	0.93
08/30/2021	16:43:45	78788.59	394775.42	41.26	Soil	12,000	0.34
08/30/2021	16:43:46	78789.18	394775.56	41.27	Soil	13,860	1.65
08/30/2021	16:43:47	78789.76	394775.51	41.27	Soil	13,140	1.14
08/30/2021	16:43:48	78790.28	394775.64	41.27	Soil	12,000	0.34
08/30/2021	16:43:49	78790.72	394775.51	41.25	Soil	11,340	-0.12
08/30/2021	16:43:50	78791.25	394775.62	41.26	Soil	13,380	1.31
08/30/2021	16:43:51	78791.76	394775.53	41.25	Soil	14,280	1.94
08/30/2021	16:43:52	78792.30	394775.61	41.24	Soil	10,080	-1.00
08/30/2021	16:43:53	78792.83	394775.49	41.22	Soil	13,980	1.73
08/30/2021	16:43:54	78793.34	394775.54	41.20	Soil	11,160	-0.25
08/30/2021	16:43:55	78793.83	394775.32	41.20	Soil	11,760	0.18
08/30/2021	16:43:56	78794.38	394775.16	41.16	Soil	11,280	-0.16
08/30/2021	16:43:57	78794.94	394774.95	41.14	Soil	12,000	0.34
08/30/2021	16:43:58	78795.56	394774.80	41.11	Soil	10,560	-0.67
08/30/2021	16:43:59	78796.01	394774.40	41.07	Soil	14,400	2.03
08/30/2021	16:44:00	78796.50	394774.10	41.05	Soil	12,480	0.68
08/30/2021	16:44:01	78796.79	394773.70	41.04	Soil	12,540	0.72
08/30/2021	16:44:02	78797.26	394773.40	41.01	Soil	10,800	-0.50
08/30/2021	16:44:03	78797.51	394772.87	40.98	Soil	9,540	-1.38
08/30/2021	16:44:04	78797.93	394772.44	40.95	Soil	11,760	0.18

SU 7D GWS RESULTS
(SOIL)

08/30/2021	16:44:05	78798.24	394771.85	40.95	Soil	10,200	-0.92
08/30/2021	16:44:06	78798.26	394771.24	40.95	Soil	10,920	-0.41
08/30/2021	16:44:07	78797.82	394771.34	40.96	Soil	11,280	-0.16
08/30/2021	16:44:08	78797.28	394771.52	40.97	Soil	9,480	-1.42
08/30/2021	16:44:09	78796.86	394771.88	40.98	Soil	10,680	-0.58
08/30/2021	16:44:10	78796.34	394772.14	40.99	Soil	12,480	0.68
08/30/2021	16:44:11	78795.96	394772.52	41.01	Soil	9,540	-1.38
08/30/2021	16:44:12	78795.50	394772.81	41.05	Soil	10,500	-0.71
08/30/2021	16:44:13	78795.26	394773.27	41.10	Soil	10,500	-0.71
08/30/2021	16:44:14	78794.80	394773.68	41.19	Soil	11,520	0.01
08/30/2021	16:44:15	78794.49	394774.07	41.22	Soil	11,100	-0.29
08/30/2021	16:44:16	78794.01	394774.26	41.24	Soil	11,880	0.26
08/30/2021	16:44:17	78793.68	394774.57	41.22	Soil	11,400	-0.08
08/30/2021	16:44:18	78793.39	394774.66	41.20	Soil	12,960	1.02
08/30/2021	16:44:19	78793.10	394774.51	41.18	Soil	11,820	0.22
08/30/2021	16:44:20	78793.34	394774.26	41.17	Soil	11,220	-0.20
08/30/2021	16:44:21	78793.72	394773.97	41.08	Soil	11,040	-0.33
08/30/2021	16:44:22	78794.03	394773.65	41.10	Soil	10,920	-0.41
08/30/2021	16:44:23	78794.46	394773.46	41.09	Soil	11,820	0.22
08/30/2021	16:44:24	78794.79	394773.17	41.01	Soil	10,440	-0.75
08/30/2021	16:44:25	78795.26	394772.99	40.97	Soil	10,800	-0.50
08/30/2021	16:44:26	78795.58	394772.52	40.96	Soil	10,080	-1.00
08/30/2021	16:44:27	78796.00	394772.12	40.96	Soil	8,940	-1.80
08/30/2021	16:44:28	78796.29	394771.64	40.99	Soil	11,400	-0.08
08/30/2021	16:44:29	78796.63	394771.11	40.99	Soil	9,840	-1.17
08/30/2021	16:44:30	78796.20	394771.08	41.03	Soil	9,360	-1.51
08/30/2021	16:44:31	78795.77	394771.21	41.07	Soil	10,500	-0.71
08/30/2021	16:44:32	78795.40	394771.51	41.01	Soil	10,080	-1.00
08/30/2021	16:44:33	78795.02	394771.68	41.04	Soil	9,780	-1.21
08/30/2021	16:44:34	78794.76	394772.09	41.06	Soil	11,520	0.01
08/30/2021	16:44:35	78794.37	394772.25	41.09	Soil	10,440	-0.75
08/30/2021	16:44:36	78794.00	394772.67	41.12	Soil	10,920	-0.41
08/30/2021	16:44:37	78793.52	394772.92	41.15	Soil	9,780	-1.21
08/30/2021	16:44:38	78793.18	394773.41	41.26	Soil	10,380	-0.79
08/30/2021	16:44:39	78792.71	394773.87	41.24	Soil	10,380	-0.79
08/30/2021	16:44:40	78792.80	394774.10	41.22	Soil	12,840	0.93
08/30/2021	16:44:41	78793.11	394773.87	41.18	Soil	9,900	-1.13
08/30/2021	16:44:42	78793.73	394773.97	41.16	Soil	10,680	-0.58
08/30/2021	16:44:43	78793.89	394774.21	41.11	Soil	10,140	-0.96
08/30/2021	16:44:44	78794.14	394773.94	41.08	Soil	12,060	0.39
08/30/2021	16:44:45	78794.55	394773.72	41.09	Soil	8,880	-1.85
08/30/2021	16:44:46	78794.59	394773.65	41.09	Soil	11,340	-0.12
08/30/2021	16:44:47	78794.65	394773.62	41.09	Soil	10,260	-0.88
08/30/2021	16:44:48	78794.68	394773.59	41.06	Soil	9,960	-1.09
08/30/2021	16:44:49	78794.64	394773.51	41.03	Soil	10,860	-0.46
08/30/2021	16:44:50	78794.30	394773.20	41.05	Soil	10,320	-0.84
08/30/2021	16:44:51	78794.17	394772.89	41.08	Soil	10,200	-0.92
08/30/2021	16:44:52	78794.10	394772.78	41.09	Soil	10,860	-0.46
08/30/2021	16:44:53	78794.13	394772.72	41.09	Soil	10,440	-0.75
08/30/2021	16:44:54	78794.09	394772.68	41.07	Soil	12,240	0.51
08/30/2021	16:44:55	78793.84	394772.45	41.05	Soil	10,020	-1.05

SU 7D GWS RESULTS
(SOIL)

08/30/2021	16:44:56	78793.87	394772.27	41.03	Soil	13,020	1.06
08/30/2021	16:44:57	78793.99	394772.41	41.01	Soil	8,340	-2.22
08/30/2021	16:44:58	78794.35	394772.44	41.03	Soil	10,800	-0.50
08/30/2021	16:44:59	78794.63	394772.30	41.03	Soil	9,960	-1.09
08/30/2021	16:45:00	78794.67	394772.31	41.02	Soil	10,440	-0.75
08/30/2021	16:45:01	78794.79	394772.36	41.02	Soil	9,720	-1.26
08/30/2021	16:45:02	78795.06	394772.48	41.02	Soil	9,660	-1.30
08/30/2021	16:45:03	78795.04	394772.36	41.03	Soil	11,100	-0.29
08/30/2021	16:45:04	78794.45	394772.23	41.09	Soil	8,400	-2.18
08/30/2021	16:45:05	78793.59	394772.20	41.20	Soil	9,600	-1.34
08/30/2021	16:45:06	78792.82	394772.37	41.26	Soil	10,440	-0.75
08/30/2021	16:45:07	78792.13	394772.31	41.35	Soil	9,960	-1.09
08/30/2021	16:45:08	78791.40	394772.39	41.41	Soil	9,480	-1.42
08/30/2021	16:45:09	78790.72	394772.51	41.43	Soil	8,880	-1.85
08/30/2021	16:45:10	78789.99	394772.46	41.45	Soil	9,360	-1.51
08/30/2021	16:45:11	78789.25	394772.54	41.46	Soil	12,180	0.47
08/30/2021	16:45:12	78788.60	394772.65	41.41	Soil	9,120	-1.68
08/30/2021	16:45:13	78787.95	394772.72	41.25	Soil	10,200	-0.92
08/30/2021	16:45:14	78787.34	394772.92	41.16	Soil	10,080	-1.00
08/30/2021	16:45:15	78786.52	394772.84	41.10	Soil	10,200	-0.92
08/30/2021	16:45:16	78785.76	394772.55	41.02	Soil	10,980	-0.37
08/30/2021	16:45:17	78785.16	394772.26	41.04	Soil	11,220	-0.20
08/30/2021	16:45:18	78784.71	394772.02	41.05	Soil	10,920	-0.41
08/30/2021	16:45:19	78784.58	394771.81	41.03	Soil	10,860	-0.46
08/30/2021	16:45:20	78784.60	394771.89	41.02	Soil	11,700	0.13
08/30/2021	16:45:21	78784.55	394771.75	41.02	Soil	10,200	-0.92
08/30/2021	16:45:22	78784.47	394771.81	41.07	Soil	10,620	-0.62
08/30/2021	16:45:23	78784.33	394772.21	41.12	Soil	10,320	-0.84
08/30/2021	16:45:24	78783.95	394772.31	41.24	Soil	10,620	-0.62
08/30/2021	16:45:25	78783.74	394772.76	41.27	Soil	9,360	-1.51
08/30/2021	16:45:26	78783.36	394772.87	41.29	Soil	11,640	0.09
08/30/2021	16:45:27	78782.80	394773.16	41.31	Soil	12,720	0.85
08/30/2021	16:45:28	78782.02	394773.25	41.26	Soil	12,780	0.89
08/30/2021	16:45:29	78781.38	394773.39	41.28	Soil	11,880	0.26
08/30/2021	16:45:30	78780.65	394773.56	41.37	Soil	11,760	0.18
08/30/2021	16:45:31	78779.93	394773.63	41.43	Soil	12,240	0.51
08/30/2021	16:45:32	78779.40	394773.71	41.36	Soil	11,400	-0.08
08/30/2021	16:45:33	78778.81	394773.45	41.31	Soil	11,700	0.13
08/30/2021	16:45:34	78778.08	394773.31	41.32	Soil	11,760	0.18
08/30/2021	16:45:35	78777.47	394773.31	41.31	Soil	10,740	-0.54
08/30/2021	16:45:36	78777.12	394773.28	41.34	Soil	10,260	-0.88
08/30/2021	16:45:37	78777.47	394773.02	41.34	Soil	12,120	0.43
08/30/2021	16:45:38	78777.80	394773.04	41.32	Soil	10,500	-0.71
08/30/2021	16:45:39	78778.19	394772.96	41.34	Soil	10,980	-0.37
08/30/2021	16:45:40	78778.71	394772.92	41.28	Soil	11,580	0.05
08/30/2021	16:45:41	78779.07	394772.85	41.24	Soil	12,480	0.68
08/30/2021	16:45:42	78779.52	394772.89	41.18	Soil	10,260	-0.88
08/30/2021	16:45:43	78780.05	394772.85	41.20	Soil	10,920	-0.41
08/30/2021	16:45:44	78780.66	394772.85	41.22	Soil	11,880	0.26
08/30/2021	16:45:45	78781.33	394772.83	41.26	Soil	11,280	-0.16
08/30/2021	16:45:46	78781.97	394772.99	41.24	Soil	12,900	0.98

SU 7D GWS RESULTS
(SOIL)

08/30/2021	16:45:47	78782.52	394773.07	41.25	Soil	12,300	0.55
08/30/2021	16:45:48	78783.18	394773.26	41.26	Soil	11,520	0.01
08/30/2021	16:45:49	78783.82	394773.30	41.22	Soil	13,860	1.65
08/30/2021	16:45:50	78784.39	394773.59	41.24	Soil	13,980	1.73
08/30/2021	16:45:51	78784.99	394773.58	41.26	Soil	13,920	1.69
08/30/2021	16:45:52	78785.37	394773.85	41.27	Soil	11,040	-0.33
08/30/2021	16:45:53	78785.50	394773.87	41.27	Soil	10,920	-0.41
08/30/2021	16:45:54	78785.52	394773.87	41.23	Soil	11,280	-0.16
08/30/2021	16:45:55	78785.49	394773.93	41.26	Soil	11,100	-0.29
08/30/2021	16:45:56	78785.42	394773.86	41.25	Soil	13,020	1.06
08/30/2021	16:45:57	78785.43	394773.85	41.26	Soil	11,520	0.01
08/30/2021	16:45:58	78785.45	394773.83	41.27	Soil	11,040	-0.33
08/30/2021	16:45:59	78785.45	394773.83	41.27	Soil	12,000	0.34
08/30/2021	16:46:00	78785.45	394773.84	41.27	Soil	12,840	0.93
08/30/2021	16:46:01	78785.46	394773.84	41.28	Soil	13,140	1.14
08/30/2021	16:46:02	78785.47	394773.83	41.28	Soil	13,020	1.06
08/30/2021	16:46:03	78785.44	394773.84	41.28	Soil	10,260	-0.88
08/30/2021	16:46:04	78785.44	394773.84	41.28	Soil	11,580	0.05
08/30/2021	16:46:05	78785.45	394773.83	41.28	Soil	11,700	0.13
08/30/2021	16:46:06	78785.47	394773.85	41.28	Soil	10,020	-1.05
08/30/2021	16:46:07	78785.47	394773.86	41.29	Soil	10,500	-0.71
08/30/2021	17:47:15	78784.87	394762.27	40.79	Soil	11,340	-0.12
08/30/2021	17:47:16	78785.36	394762.47	40.70	Soil	10,860	-0.46
08/30/2021	17:47:17	78785.72	394762.29	40.61	Soil	9,420	-1.47
08/30/2021	17:47:18	78786.21	394762.15	40.54	Soil	10,500	-0.71
08/30/2021	17:47:19	78786.60	394761.75	40.51	Soil	9,900	-1.13
08/30/2021	17:47:20	78786.94	394761.56	40.46	Soil	10,500	-0.71
08/30/2021	17:47:21	78787.10	394761.21	40.41	Soil	9,780	-1.21
08/30/2021	17:47:22	78787.46	394761.12	40.32	Soil	9,480	-1.42
08/30/2021	17:47:23	78787.82	394760.85	40.29	Soil	11,640	0.09
08/30/2021	17:47:24	78788.05	394760.61	40.25	Soil	12,180	0.47
08/30/2021	17:47:25	78788.38	394760.20	40.21	Soil	11,700	0.13
08/30/2021	17:47:26	78788.73	394760.04	40.18	Soil	11,640	0.09
08/30/2021	17:47:27	78788.99	394759.77	40.14	Soil	9,300	-1.55
08/30/2021	17:47:28	78789.16	394759.56	40.13	Soil	13,200	1.19
08/30/2021	17:47:29	78789.49	394759.25	40.13	Soil	10,500	-0.71
08/30/2021	17:47:41	78789.41	394760.03	39.68	Soil	10,740	-0.54
08/30/2021	17:47:42	78789.11	394760.46	39.68	Soil	12,060	0.39
08/30/2021	17:47:43	78788.94	394760.55	39.78	Soil	10,200	-0.92
08/30/2021	17:47:44	78788.57	394760.91	39.82	Soil	10,740	-0.54
08/30/2021	17:47:45	78788.36	394760.93	39.86	Soil	10,560	-0.67
08/30/2021	17:47:46	78788.19	394761.03	39.96	Soil	11,040	-0.33
08/30/2021	17:47:47	78787.87	394761.27	40.11	Soil	10,980	-0.37
08/30/2021	17:47:48	78787.51	394761.47	40.26	Soil	11,760	0.18
08/30/2021	17:47:49	78787.39	394761.64	40.37	Soil	12,060	0.39
08/30/2021	17:47:50	78787.10	394761.67	40.42	Soil	9,480	-1.42
08/30/2021	17:47:51	78786.87	394761.93	40.44	Soil	10,620	-0.62
08/30/2021	17:47:52	78786.60	394762.15	40.48	Soil	9,840	-1.17
08/30/2021	17:47:53	78786.34	394762.40	40.54	Soil	10,140	-0.96
08/30/2021	17:47:54	78786.01	394762.63	40.64	Soil	11,940	0.30
08/30/2021	17:47:55	78785.69	394762.88	40.71	Soil	11,940	0.30

SU 7D GWS RESULTS
(SOIL)

08/30/2021	17:47:56	78785.32	394763.09	40.83	Soil	9,180	-1.64
08/30/2021	17:47:57	78784.98	394763.26	40.90	Soil	10,260	-0.88
08/30/2021	17:47:58	78784.66	394763.55	40.96	Soil	10,980	-0.37
08/30/2021	17:47:59	78784.30	394763.72	41.01	Soil	9,660	-1.30
08/30/2021	17:48:00	78783.96	394764.08	41.11	Soil	11,640	0.09
08/30/2021	17:48:01	78783.45	394764.33	41.18	Soil	11,160	-0.25
08/30/2021	17:48:02	78783.15	394764.71	41.20	Soil	8,280	-2.27
08/30/2021	17:48:03	78782.70	394764.94	41.19	Soil	9,120	-1.68
08/30/2021	17:48:04	78782.39	394765.34	41.19	Soil	12,060	0.39
08/30/2021	17:48:05	78782.04	394765.45	41.19	Soil	10,920	-0.41
08/30/2021	17:48:06	78781.65	394765.58	41.19	Soil	11,340	-0.12
08/30/2021	17:48:07	78781.43	394765.31	41.21	Soil	10,860	-0.46
08/30/2021	17:48:08	78781.34	394765.25	41.19	Soil	11,040	-0.33
08/30/2021	17:48:09	78781.57	394765.21	41.18	Soil	11,400	-0.08
08/30/2021	17:48:10	78781.42	394765.60	41.19	Soil	12,240	0.51
08/30/2021	17:48:11	78781.72	394765.77	41.20	Soil	11,100	-0.29
08/30/2021	17:48:12	78782.17	394765.70	41.21	Soil	11,160	-0.25
08/30/2021	17:48:13	78782.52	394765.39	41.21	Soil	10,380	-0.79
08/30/2021	17:48:14	78782.98	394765.23	41.20	Soil	11,940	0.30
08/30/2021	17:48:15	78783.29	394764.95	41.17	Soil	10,320	-0.84
08/30/2021	17:48:16	78783.71	394764.77	41.07	Soil	10,560	-0.67
08/30/2021	17:48:17	78784.04	394764.40	41.05	Soil	11,820	0.22
08/30/2021	17:48:18	78784.48	394764.34	40.95	Soil	10,680	-0.58
08/30/2021	17:48:19	78784.77	394764.08	40.83	Soil	11,820	0.22
08/30/2021	17:48:20	78785.25	394763.99	40.76	Soil	12,300	0.55
08/30/2021	17:48:21	78785.52	394763.64	40.60	Soil	10,560	-0.67
08/30/2021	17:48:22	78785.98	394763.58	40.56	Soil	11,940	0.30
08/30/2021	17:48:23	78786.30	394763.16	40.49	Soil	10,500	-0.71
08/30/2021	17:48:24	78786.65	394763.13	40.43	Soil	10,800	-0.50
08/30/2021	17:48:25	78786.72	394762.98	40.41	Soil	11,520	0.01
08/30/2021	17:48:26	78786.93	394762.82	40.37	Soil	11,640	0.09
08/30/2021	17:48:27	78787.21	394762.69	40.31	Soil	9,540	-1.38
08/30/2021	17:48:28	78787.41	394762.41	40.25	Soil	10,440	-0.75
08/30/2021	17:48:29	78787.71	394762.35	40.12	Soil	11,220	-0.20
08/30/2021	17:48:30	78787.87	394762.08	40.05	Soil	11,520	0.01
08/30/2021	17:48:31	78788.13	394762.00	39.97	Soil	11,100	-0.29
08/30/2021	17:48:32	78788.26	394761.82	39.93	Soil	10,860	-0.46
08/30/2021	17:48:33	78788.48	394761.47	39.87	Soil	10,020	-1.05
08/30/2021	17:48:34	78788.69	394761.43	39.81	Soil	12,540	0.72
08/30/2021	17:48:35	78788.89	394761.26	39.75	Soil	12,600	0.76
08/30/2021	17:48:36	78789.24	394761.18	39.71	Soil	11,220	-0.20
08/30/2021	17:48:51	78789.45	394761.29	39.77	Soil	10,380	-0.79
08/30/2021	17:48:52	78789.16	394761.52	39.83	Soil	11,220	-0.20
08/30/2021	17:48:53	78788.99	394761.90	39.96	Soil	10,800	-0.50
08/30/2021	17:48:54	78788.71	394761.90	40.02	Soil	11,760	0.18
08/30/2021	17:48:55	78788.55	394762.21	40.11	Soil	10,680	-0.58
08/30/2021	17:48:56	78788.20	394762.27	40.20	Soil	9,180	-1.64
08/30/2021	17:48:57	78787.96	394762.54	40.27	Soil	12,060	0.39
08/30/2021	17:48:58	78787.62	394762.63	40.34	Soil	9,960	-1.09
08/30/2021	17:48:59	78787.29	394762.92	40.39	Soil	10,980	-0.37
08/30/2021	17:49:00	78786.97	394763.03	40.42	Soil	11,880	0.26

SU 7D GWS RESULTS
(SOIL)

08/30/2021	17:49:01	78786.75	394763.42	40.50	Soil	12,360	0.60
08/30/2021	17:49:02	78786.35	394763.61	40.57	Soil	11,280	-0.16
08/30/2021	17:49:03	78786.08	394763.90	40.65	Soil	10,320	-0.84
08/30/2021	17:49:04	78785.70	394764.01	40.72	Soil	10,080	-1.00
08/30/2021	17:49:05	78785.46	394764.30	40.88	Soil	12,180	0.47
08/30/2021	17:49:06	78785.04	394764.42	40.96	Soil	9,300	-1.55
08/30/2021	17:49:07	78784.82	394764.61	40.99	Soil	10,740	-0.54
08/30/2021	17:49:08	78784.47	394764.73	41.01	Soil	11,520	0.01
08/30/2021	17:49:09	78784.15	394765.11	41.17	Soil	11,520	0.01
08/30/2021	17:49:10	78783.70	394765.28	41.22	Soil	10,080	-1.00
08/30/2021	17:49:11	78783.73	394765.52	41.22	Soil	10,800	-0.50
08/30/2021	17:49:12	78783.77	394765.60	41.23	Soil	11,340	-0.12
08/30/2021	17:49:13	78783.74	394765.64	41.22	Soil	10,800	-0.50
08/30/2021	17:49:14	78783.75	394765.63	41.23	Soil	11,040	-0.33
08/30/2021	17:49:15	78783.77	394765.60	41.23	Soil	9,660	-1.30
08/30/2021	17:49:16	78783.77	394765.62	41.23	Soil	10,980	-0.37
08/30/2021	17:49:17	78783.78	394765.60	41.23	Soil	11,220	-0.20
08/30/2021	17:49:18	78783.77	394765.58	41.23	Soil	11,520	0.01
08/30/2021	17:49:19	78783.60	394765.49	41.24	Soil	11,220	-0.20
08/30/2021	17:49:20	78783.31	394765.50	41.22	Soil	11,220	-0.20
08/30/2021	17:49:21	78783.34	394765.50	41.22	Soil	10,440	-0.75
08/30/2021	17:49:22	78783.61	394765.49	41.19	Soil	10,680	-0.58
08/30/2021	17:49:23	78783.57	394765.53	41.20	Soil	11,400	-0.08
08/30/2021	17:49:24	78783.04	394765.62	41.19	Soil	10,620	-0.62
08/30/2021	17:49:25	78782.43	394765.35	41.17	Soil	11,760	0.18
08/30/2021	17:49:26	78781.98	394765.33	41.18	Soil	11,940	0.30
08/30/2021	17:49:27	78781.89	394765.24	41.19	Soil	10,680	-0.58
08/30/2021	17:49:28	78781.87	394765.23	41.20	Soil	10,860	-0.46
08/30/2021	17:49:29	78781.87	394765.22	41.20	Soil	11,160	-0.25
08/30/2021	17:49:30	78781.76	394765.18	41.19	Soil	8,640	-2.01
08/30/2021	17:49:31	78781.41	394765.19	41.21	Soil	11,460	-0.04
08/30/2021	17:49:32	78781.27	394765.01	41.20	Soil	11,100	-0.29
08/30/2021	17:49:33	78781.19	394764.91	41.20	Soil	10,740	-0.54
08/30/2021	17:49:34	78780.92	394764.81	41.16	Soil	10,680	-0.58
08/30/2021	17:49:35	78780.40	394764.66	41.17	Soil	9,660	-1.30
08/30/2021	17:49:36	78779.79	394764.48	41.17	Soil	11,160	-0.25
08/30/2021	17:49:37	78779.31	394764.32	41.15	Soil	10,020	-1.05
08/30/2021	17:49:38	78778.69	394764.22	41.08	Soil	11,040	-0.33
08/30/2021	17:49:39	78778.04	394763.87	40.96	Soil	10,380	-0.79
08/30/2021	17:49:40	78777.49	394763.70	40.92	Soil	10,500	-0.71
08/30/2021	17:49:41	78776.96	394763.41	40.93	Soil	11,400	-0.08
08/30/2021	17:49:42	78776.52	394763.31	40.93	Soil	11,100	-0.29
08/30/2021	17:49:43	78776.07	394763.18	40.94	Soil	10,140	-0.96
08/30/2021	17:49:44	78775.56	394763.04	41.10	Soil	11,220	-0.20
08/30/2021	17:49:45	78775.22	394762.92	41.10	Soil	11,340	-0.12
08/30/2021	17:49:46	78774.78	394762.66	41.07	Soil	12,960	1.02
08/30/2021	17:49:47	78774.35	394762.66	41.07	Soil	12,480	0.68
08/30/2021	17:49:48	78774.13	394762.54	41.08	Soil	11,820	0.22
08/30/2021	17:49:49	78774.04	394762.20	41.11	Soil	12,000	0.34
08/30/2021	17:49:50	78774.04	394762.19	41.11	Soil	10,020	-1.05
08/30/2021	17:49:51	78774.06	394762.22	41.11	Soil	12,840	0.93

SU 7D GWS RESULTS
(SOIL)

08/30/2021	17:49:52	78774.06	394762.22	41.10	Soil	13,260	1.23
08/30/2021	17:49:53	78774.06	394762.24	41.10	Soil	14,040	1.78
08/30/2021	17:49:54	78774.06	394762.24	41.10	Soil	12,780	0.89
08/30/2021	17:49:55	78774.06	394762.24	41.10	Soil	14,520	2.11
08/30/2021	17:49:56	78774.06	394762.25	41.09	Soil	12,300	0.55
08/30/2021	17:49:57	78774.04	394762.24	41.09	Soil	13,500	1.40
08/30/2021	17:49:58	78774.03	394762.25	41.08	Soil	11,700	0.13
08/30/2021	17:49:59	78774.02	394762.25	41.07	Soil	13,020	1.06
08/30/2021	17:50:00	78774.01	394762.24	41.06	Soil	12,660	0.81
08/30/2021	17:50:01	78774.01	394762.25	41.06	Soil	11,100	-0.29
08/30/2021	17:50:02	78774.01	394762.24	41.06	Soil	11,820	0.22
08/30/2021	17:50:03	78774.04	394762.24	41.05	Soil	12,300	0.55
08/30/2021	17:50:04	78774.13	394762.24	41.04	Soil	12,240	0.51
08/30/2021	17:50:05	78774.03	394761.75	41.03	Soil	12,240	0.51
08/30/2021	17:50:06	78773.98	394761.80	41.02	Soil	13,680	1.52
08/30/2021	17:50:07	78774.07	394761.84	41.04	Soil	12,960	1.02
08/30/2021	17:50:08	78774.33	394761.63	41.04	Soil	13,200	1.19
08/30/2021	17:50:09	78774.70	394761.63	40.93	Soil	12,420	0.64
08/30/2021	17:50:10	78774.93	394761.51	40.88	Soil	12,540	0.72
08/30/2021	17:50:11	78775.18	394761.73	40.80	Soil	10,800	-0.50
08/30/2021	17:50:12	78775.51	394761.83	40.78	Soil	10,620	-0.62
08/30/2021	17:50:13	78775.79	394762.05	40.74	Soil	10,560	-0.67
08/30/2021	17:50:14	78776.16	394762.06	40.76	Soil	8,160	-2.35
08/30/2021	17:50:15	78776.43	394762.26	40.72	Soil	10,020	-1.05
08/30/2021	17:50:16	78776.70	394762.24	40.71	Soil	11,100	-0.29
08/30/2021	17:50:17	78776.96	394762.35	40.71	Soil	12,060	0.39
08/30/2021	17:50:18	78777.21	394762.34	40.73	Soil	12,780	0.89
08/30/2021	17:50:19	78777.38	394762.49	40.73	Soil	11,100	-0.29
08/30/2021	17:50:20	78777.59	394762.62	40.76	Soil	10,320	-0.84
08/30/2021	17:50:21	78777.91	394762.80	40.81	Soil	11,940	0.30
08/30/2021	17:50:22	78778.29	394762.91	40.85	Soil	12,240	0.51
08/30/2021	17:50:23	78778.64	394763.07	40.86	Soil	13,080	1.10
08/30/2021	17:50:24	78778.99	394763.13	40.82	Soil	11,460	-0.04
08/30/2021	17:50:25	78779.41	394763.28	40.80	Soil	11,820	0.22
08/30/2021	17:50:26	78779.88	394763.18	40.82	Soil	13,080	1.10
08/30/2021	17:50:27	78780.25	394763.34	40.81	Soil	12,240	0.51
08/30/2021	17:50:28	78780.69	394763.24	40.82	Soil	13,440	1.35
08/30/2021	17:50:29	78781.08	394763.39	40.80	Soil	12,540	0.72
08/30/2021	17:50:30	78781.52	394763.41	40.83	Soil	11,760	0.18
08/30/2021	17:50:31	78781.88	394763.53	40.82	Soil	10,860	-0.46
08/30/2021	17:50:32	78782.30	394763.58	40.90	Soil	10,620	-0.62
08/30/2021	17:50:33	78782.57	394763.77	40.88	Soil	11,280	-0.16
08/30/2021	17:50:34	78782.99	394763.75	40.86	Soil	11,580	0.05
08/30/2021	17:50:35	78783.39	394763.92	40.84	Soil	9,780	-1.21
08/30/2021	17:50:36	78783.86	394763.86	40.88	Soil	10,440	-0.75
08/30/2021	17:50:37	78784.29	394763.98	40.83	Soil	12,060	0.39
08/30/2021	17:50:38	78784.69	394763.90	40.70	Soil	10,500	-0.71
08/30/2021	17:50:39	78785.05	394764.03	40.55	Soil	11,040	-0.33
08/30/2021	17:50:40	78785.42	394764.01	40.45	Soil	10,680	-0.58
08/30/2021	17:50:41	78785.87	394764.10	40.35	Soil	10,500	-0.71
08/30/2021	17:50:42	78786.19	394764.02	40.16	Soil	10,320	-0.84

SU 7D GWS RESULTS
(SOIL)

08/30/2021	17:50:43	78786.66	394764.07	40.18	Soil	10,020	-1.05
08/30/2021	17:50:44	78786.61	394763.87	40.29	Soil	11,040	-0.33
08/30/2021	17:50:45	78786.65	394763.61	40.36	Soil	10,080	-1.00
08/30/2021	17:50:46	78786.38	394763.45	40.48	Soil	12,060	0.39
08/30/2021	17:50:47	78786.13	394763.24	40.54	Soil	11,100	-0.29
08/30/2021	17:50:48	78785.92	394763.22	40.64	Soil	9,720	-1.26
08/30/2021	17:50:49	78785.55	394763.20	40.75	Soil	11,640	0.09
08/30/2021	17:50:50	78785.14	394763.17	40.80	Soil	9,720	-1.26
08/30/2021	17:50:51	78784.87	394762.99	40.83	Soil	10,620	-0.62
08/30/2021	17:50:52	78784.71	394762.94	40.83	Soil	10,140	-0.96
08/30/2021	17:50:53	78784.55	394763.05	40.80	Soil	11,100	-0.29
08/30/2021	17:50:54	78784.42	394762.97	40.67	Soil	13,320	1.27
08/30/2021	17:50:55	78784.06	394762.78	40.67	Soil	10,200	-0.92
08/30/2021	17:50:56	78783.60	394762.80	40.68	Soil	10,800	-0.50
08/30/2021	17:50:57	78783.18	394762.64	40.68	Soil	9,300	-1.55
08/30/2021	17:50:58	78782.79	394762.63	40.66	Soil	10,200	-0.92
08/30/2021	17:50:59	78782.39	394762.49	40.67	Soil	11,220	-0.20
08/30/2021	17:51:00	78782.02	394762.47	40.65	Soil	12,300	0.55
08/30/2021	17:51:01	78781.60	394762.32	40.67	Soil	10,020	-1.05
08/30/2021	17:51:02	78781.12	394762.35	40.68	Soil	14,460	2.07
08/30/2021	17:51:03	78780.64	394762.23	40.71	Soil	9,780	-1.21
08/30/2021	17:51:04	78780.22	394762.32	40.72	Soil	12,780	0.89
08/30/2021	17:51:05	78779.85	394762.16	40.72	Soil	12,780	0.89
08/30/2021	17:51:06	78779.36	394762.01	40.70	Soil	10,320	-0.84
08/30/2021	17:51:07	78778.95	394761.87	40.72	Soil	10,800	-0.50
08/30/2021	17:51:08	78778.50	394761.97	40.72	Soil	11,880	0.26
08/30/2021	17:51:09	78778.00	394761.85	40.69	Soil	12,660	0.81
08/30/2021	17:51:10	78777.52	394761.92	40.68	Soil	12,780	0.89
08/30/2021	17:51:11	78777.09	394761.74	40.72	Soil	10,680	-0.58
08/30/2021	17:51:12	78776.72	394761.74	40.72	Soil	9,900	-1.13
08/30/2021	17:51:13	78776.36	394761.54	40.75	Soil	10,260	-0.88
08/30/2021	17:51:14	78776.10	394761.66	40.74	Soil	12,720	0.85
08/30/2021	17:51:15	78775.86	394761.56	40.72	Soil	10,560	-0.67
08/30/2021	17:51:16	78776.14	394761.52	40.70	Soil	9,360	-1.51
08/30/2021	17:51:17	78776.43	394761.51	40.70	Soil	10,800	-0.50
08/30/2021	17:51:18	78776.51	394761.83	40.68	Soil	10,200	-0.92
08/30/2021	17:51:19	78776.79	394762.11	40.72	Soil	10,620	-0.62
08/30/2021	17:51:20	78777.23	394762.50	40.76	Soil	13,320	1.27
08/30/2021	17:51:21	78777.73	394762.62	40.78	Soil	11,340	-0.12
08/30/2021	17:51:22	78778.12	394762.79	40.81	Soil	11,940	0.30
08/30/2021	17:51:23	78778.65	394762.70	40.81	Soil	11,640	0.09
08/30/2021	17:51:24	78779.10	394762.86	40.77	Soil	12,300	0.55
08/30/2021	17:51:25	78779.56	394762.86	40.74	Soil	12,120	0.43
08/30/2021	17:51:26	78779.96	394762.88	40.71	Soil	11,880	0.26
08/30/2021	17:51:27	78780.42	394762.73	40.71	Soil	12,120	0.43
08/30/2021	17:51:28	78780.79	394762.74	40.69	Soil	12,540	0.72
08/30/2021	17:51:29	78781.22	394762.76	40.74	Soil	12,420	0.64
08/30/2021	17:51:30	78781.66	394762.92	40.72	Soil	10,140	-0.96
08/30/2021	17:51:31	78782.16	394763.04	40.73	Soil	11,100	-0.29
08/30/2021	17:51:32	78782.60	394763.08	40.71	Soil	11,160	-0.25
08/30/2021	17:51:33	78783.05	394763.20	40.72	Soil	12,480	0.68

SU 7D GWS RESULTS
(SOIL)

08/30/2021	17:51:34	78783.45	394763.19	40.72	Soil	12,120	0.43
08/30/2021	17:51:35	78783.94	394763.31	40.81	Soil	9,480	-1.42
08/30/2021	17:51:36	78784.31	394763.41	40.77	Soil	10,200	-0.92
08/30/2021	17:51:37	78784.74	394763.45	40.70	Soil	9,240	-1.59
08/30/2021	17:51:38	78785.13	394763.39	40.58	Soil	11,460	-0.04
08/30/2021	17:51:39	78785.52	394763.44	40.54	Soil	9,300	-1.55
08/30/2021	17:51:40	78785.93	394763.45	40.44	Soil	10,440	-0.75
08/30/2021	17:51:41	78786.30	394763.27	40.36	Soil	10,620	-0.62
08/30/2021	17:51:42	78786.71	394763.00	40.27	Soil	9,360	-1.51
08/30/2021	17:51:43	78787.00	394762.74	40.29	Soil	10,440	-0.75
08/30/2021	17:51:44	78787.08	394762.41	40.27	Soil	11,580	0.05
08/30/2021	17:51:45	78787.26	394762.06	40.23	Soil	10,740	-0.54
08/30/2021	17:51:46	78787.36	394761.79	40.19	Soil	10,320	-0.84
08/30/2021	17:51:47	78787.55	394761.77	40.05	Soil	11,280	-0.16
08/30/2021	17:51:48	78787.75	394761.46	39.84	Soil	11,100	-0.29
08/30/2021	17:51:49	78788.13	394761.11	39.84	Soil	9,720	-1.26
08/30/2021	17:51:50	78789.03	394760.80	39.68	Soil	10,860	-0.46
08/30/2021	17:51:51	78789.28	394760.21	39.55	Soil	10,020	-1.05
08/30/2021	17:53:10	78789.41	394759.19	40.07	Soil	13,380	1.31
08/30/2021	17:53:11	78789.02	394759.41	40.08	Soil	13,260	1.23
08/30/2021	17:53:12	78788.60	394759.73	40.15	Soil	13,860	1.65
08/30/2021	17:53:13	78788.23	394760.07	40.19	Soil	10,980	-0.37
08/30/2021	17:53:14	78787.89	394760.21	40.19	Soil	11,940	0.30
08/30/2021	17:53:15	78787.73	394760.67	40.22	Soil	11,820	0.22
08/30/2021	17:53:16	78787.34	394760.70	40.16	Soil	12,300	0.55
08/30/2021	17:53:17	78787.29	394760.74	40.29	Soil	10,860	-0.46
08/30/2021	17:53:18	78787.23	394761.18	40.39	Soil	9,840	-1.17
08/30/2021	17:53:19	78786.85	394761.06	40.41	Soil	11,640	0.09
08/30/2021	17:53:20	78786.76	394761.40	40.42	Soil	12,960	1.02
08/30/2021	17:53:21	78786.44	394761.40	40.46	Soil	9,540	-1.38
08/30/2021	17:53:22	78786.29	394761.69	40.50	Soil	12,000	0.34
08/30/2021	17:53:23	78786.02	394761.86	40.57	Soil	11,580	0.05
08/30/2021	17:53:24	78785.71	394762.19	40.64	Soil	9,900	-1.13
08/30/2021	17:53:25	78785.32	394762.23	40.64	Soil	11,040	-0.33
08/30/2021	17:53:26	78784.96	394762.68	40.81	Soil	11,280	-0.16
08/30/2021	17:53:27	78784.55	394762.84	40.81	Soil	11,640	0.09
08/30/2021	17:53:28	78784.25	394763.20	40.82	Soil	11,040	-0.33
08/30/2021	17:53:29	78783.75	394763.38	40.85	Soil	10,860	-0.46
08/30/2021	17:53:30	78783.37	394763.69	40.95	Soil	10,440	-0.75
08/30/2021	17:53:31	78782.84	394764.13	41.11	Soil	11,220	-0.20
08/30/2021	17:53:32	78782.55	394764.56	41.14	Soil	9,900	-1.13
08/30/2021	17:53:33	78782.18	394764.92	41.13	Soil	9,120	-1.68
08/30/2021	17:53:34	78781.82	394765.21	41.14	Soil	9,900	-1.13
08/30/2021	17:53:35	78781.27	394765.14	41.15	Soil	9,360	-1.51
08/30/2021	17:53:36	78781.28	394764.67	41.16	Soil	12,420	0.64
08/30/2021	17:53:37	78781.46	394764.21	40.94	Soil	11,700	0.13
08/30/2021	17:53:38	78781.86	394763.82	40.82	Soil	9,420	-1.47
08/30/2021	17:53:39	78782.14	394763.36	40.85	Soil	10,680	-0.58
08/30/2021	17:53:40	78782.54	394763.59	40.85	Soil	11,760	0.18
08/30/2021	17:53:41	78782.96	394763.58	40.83	Soil	11,160	-0.25
08/30/2021	17:53:42	78783.33	394763.62	40.75	Soil	9,480	-1.42

SU 7D GWS RESULTS
(SOIL)

08/30/2021	17:53:43	78783.56	394763.33	40.73	Soil	8,220	-2.31
08/30/2021	17:53:44	78784.01	394763.13	40.67	Soil	10,680	-0.58
08/30/2021	17:53:45	78784.31	394762.80	40.67	Soil	11,340	-0.12
08/30/2021	17:53:46	78784.79	394762.46	40.64	Soil	12,300	0.55
08/30/2021	17:53:48	78785.71	394761.81	40.65	Soil	11,880	0.26
08/30/2021	17:53:50	78786.34	394761.41	40.65	Soil	11,160	-0.25
08/30/2021	17:53:52	78786.96	394760.83	40.66	Soil	11,760	0.18
08/30/2021	17:53:54	78787.59	394760.30	40.67	Soil	13,320	1.27
08/30/2021	17:53:56	78788.22	394759.73	40.68	Soil	11,820	0.22
08/30/2021	17:53:58	78788.83	394759.21	40.67	Soil	12,180	0.47
08/30/2021	17:54:00	78789.45	394758.68	40.67	Soil	12,420	0.64
08/30/2021	17:54:26	78787.00	394760.76	40.41	Soil	11,820	0.22
08/30/2021	17:54:27	78786.75	394761.42	40.41	Soil	12,180	0.47
08/30/2021	17:54:28	78786.95	394761.88	40.34	Soil	10,740	-0.54
08/30/2021	17:54:30	78787.31	394762.28	40.18	Soil	9,840	-1.17
08/30/2021	17:54:31	78787.75	394762.46	39.98	Soil	10,740	-0.54
08/30/2021	17:54:31	78788.03	394762.47	39.90	Soil	9,000	-1.76
08/30/2021	17:54:32	78788.28	394762.41	39.90	Soil	10,740	-0.54
08/30/2021	17:54:33	78788.40	394762.37	39.90	Soil	10,740	-0.54
08/30/2021	17:54:34	78788.46	394762.32	39.90	Soil	10,260	-0.88
08/30/2021	17:54:36	78788.53	394762.21	39.88	Soil	11,460	-0.04
08/30/2021	17:54:36	78788.72	394762.13	39.92	Soil	10,800	-0.50
08/30/2021	17:54:38	78788.55	394762.12	40.00	Soil	9,840	-1.17
08/30/2021	17:54:38	78788.23	394762.25	40.00	Soil	10,320	-0.84
08/30/2021	17:54:39	78787.86	394762.17	40.20	Soil	11,580	0.05
08/30/2021	17:54:40	78787.48	394762.27	40.23	Soil	9,840	-1.17
08/30/2021	17:54:42	78787.39	394762.33	40.25	Soil	9,660	-1.30
08/30/2021	17:54:43	78787.35	394762.29	40.25	Soil	9,420	-1.47
08/30/2021	17:54:43	78787.26	394762.24	40.25	Soil	9,960	-1.09
08/30/2021	17:54:44	78787.17	394762.43	40.25	Soil	9,420	-1.47
08/30/2021	17:54:45	78786.82	394762.91	40.43	Soil	9,420	-1.47
08/30/2021	17:54:47	78786.40	394763.29	40.51	Soil	10,440	-0.75
08/30/2021	17:54:47	78786.03	394763.32	40.51	Soil	10,740	-0.54
08/30/2021	17:54:48	78785.75	394763.71	40.66	Soil	9,840	-1.17
08/30/2021	17:54:49	78785.31	394763.80	40.77	Soil	10,920	-0.41
08/30/2021	17:54:50	78785.21	394764.37	40.77	Soil	10,020	-1.05
08/30/2021	17:54:52	78784.82	394764.68	40.87	Soil	10,800	-0.50
08/30/2021	17:54:52	78784.49	394765.29	40.91	Soil	12,000	0.34
08/30/2021	17:54:53	78784.07	394765.56	41.01	Soil	10,500	-0.71
08/30/2021	17:54:55	78783.67	394765.86	41.12	Soil	9,660	-1.30
08/30/2021	17:54:56	78783.31	394765.85	41.14	Soil	9,960	-1.09
08/30/2021	17:54:57	78783.27	394765.94	41.14	Soil	11,280	-0.16
08/30/2021	17:54:58	78783.24	394765.94	41.14	Soil	11,880	0.26
08/30/2021	17:54:59	78783.16	394765.95	41.13	Soil	12,180	0.47
08/30/2021	17:55:00	78783.22	394766.27	41.13	Soil	10,200	-0.92
08/30/2021	17:55:01	78783.39	394767.05	41.15	Soil	10,200	-0.92
08/30/2021	17:55:02	78783.65	394767.77	41.09	Soil	12,240	0.51
08/30/2021	17:55:03	78784.18	394768.41	41.05	Soil	11,520	0.01
08/30/2021	17:55:04	78784.59	394769.20	41.01	Soil	10,860	-0.46
08/30/2021	17:55:05	78785.19	394769.71	41.00	Soil	9,360	-1.51
08/30/2021	17:55:06	78785.79	394770.07	41.00	Soil	10,980	-0.37

SU 7D GWS RESULTS
(SOIL)

08/30/2021	17:55:07	78786.35	394770.54	40.99	Soil	10,500	-0.71
08/30/2021	17:55:08	78786.97	394770.77	41.16	Soil	9,420	-1.47
08/30/2021	17:55:09	78787.49	394771.33	41.30	Soil	11,040	-0.33
08/30/2021	17:55:10	78788.07	394771.63	41.30	Soil	11,220	-0.20
08/30/2021	17:55:11	78788.47	394771.66	41.34	Soil	8,040	-2.44
08/30/2021	17:55:12	78788.73	394771.77	41.34	Soil	8,580	-2.06
08/30/2021	17:55:13	78789.01	394771.70	41.30	Soil	7,500	-2.81
08/30/2021	17:55:14	78789.47	394771.64	41.30	Soil	7,260	-2.98
08/30/2021	17:55:15	78789.83	394771.58	41.28	Soil	8,100	-2.39
08/30/2021	17:55:16	78790.03	394771.47	41.28	Soil	9,000	-1.76
08/30/2021	17:55:17	78790.27	394771.61	41.27	Soil	9,420	-1.47
08/30/2021	17:55:18	78790.30	394771.54	41.25	Soil	9,420	-1.47
08/30/2021	17:55:19	78790.28	394771.56	41.25	Soil	10,260	-0.88
08/30/2021	17:55:20	78790.27	394771.57	41.24	Soil	8,880	-1.85
08/30/2021	17:55:21	78790.28	394771.58	41.24	Soil	11,460	-0.04
08/30/2021	17:55:22	78790.32	394771.58	41.21	Soil	11,340	-0.12
08/30/2021	17:55:23	78790.60	394771.65	41.20	Soil	8,760	-1.93
08/30/2021	17:55:24	78790.92	394771.76	41.20	Soil	8,880	-1.85
08/30/2021	17:55:25	78791.33	394771.60	41.17	Soil	9,060	-1.72
08/30/2021	17:55:26	78791.80	394771.73	41.13	Soil	9,420	-1.47
08/30/2021	17:55:27	78792.30	394771.72	41.02	Soil	9,960	-1.09
08/30/2021	17:55:27	78792.75	394771.87	40.91	Soil	9,420	-1.47
08/30/2021	17:55:29	78793.43	394772.02	40.85	Soil	10,020	-1.05
08/30/2021	17:55:29	78793.97	394771.86	40.82	Soil	9,840	-1.17
08/30/2021	17:55:31	78794.55	394771.44	40.81	Soil	9,060	-1.72
08/30/2021	17:55:32	78794.76	394770.76	40.81	Soil	8,760	-1.93
08/30/2021	17:55:33	78794.59	394770.25	40.83	Soil	8,640	-2.01
08/30/2021	17:55:33	78794.60	394769.90	40.85	Soil	8,700	-1.97
08/30/2021	17:55:34	78794.58	394769.60	40.84	Soil	9,360	-1.51
08/30/2021	17:55:36	78795.02	394769.37	40.83	Soil	11,340	-0.12
08/30/2021	17:55:37	78795.47	394769.06	40.83	Soil	9,960	-1.09
08/30/2021	17:55:38	78795.96	394768.68	40.84	Soil	11,400	-0.08
08/30/2021	17:55:39	78796.20	394768.69	40.84	Soil	12,060	0.39
08/30/2021	17:55:40	78796.25	394768.68	40.83	Soil	10,200	-0.92
08/30/2021	17:55:40	78796.25	394768.66	40.83	Soil	12,300	0.55
08/30/2021	17:55:41	78796.23	394768.67	40.81	Soil	11,220	-0.20
08/30/2021	17:55:42	78796.22	394768.66	40.80	Soil	10,560	-0.67
08/30/2021	17:55:44	78796.22	394768.65	40.80	Soil	11,040	-0.33
08/30/2021	17:55:44	78796.15	394768.60	40.78	Soil	8,640	-2.01
08/30/2021	17:55:45	78796.21	394768.28	40.51	Soil	10,500	-0.71
08/30/2021	17:55:47	78796.43	394767.82	40.51	Soil	11,400	-0.08
08/30/2021	17:55:47	78796.47	394767.01	40.52	Soil	11,220	-0.20
08/30/2021	17:55:49	78796.63	394766.11	40.42	Soil	10,740	-0.54
08/30/2021	17:55:49	78796.84	394765.07	40.40	Soil	10,920	-0.41
08/30/2021	17:55:50	78796.67	394764.19	40.36	Soil	11,280	-0.16
08/30/2021	17:55:51	78796.50	394763.77	40.30	Soil	12,360	0.60
08/30/2021	17:55:53	78796.36	394763.33	40.27	Soil	11,880	0.26
08/30/2021	17:55:53	78796.11	394762.86	40.15	Soil	11,880	0.26
08/30/2021	17:55:55	78795.79	394762.34	39.93	Soil	11,880	0.26
08/30/2021	17:55:55	78795.61	394762.23	39.90	Soil	9,720	-1.26
08/30/2021	17:55:56	78795.65	394761.80	39.98	Soil	10,500	-0.71

SU 7D GWS RESULTS
(SOIL)

08/30/2021	17:55:57	78795.37	394761.52	40.01	Soil	11,280	-0.16
08/30/2021	17:55:58	78795.49	394761.14	40.07	Soil	9,780	-1.21
08/30/2021	17:55:59	78795.11	394760.58	40.26	Soil	10,620	-0.62
08/30/2021	17:56:00	78794.97	394760.17	40.36	Soil	11,280	-0.16
08/30/2021	17:56:01	78794.69	394759.82	40.36	Soil	10,740	-0.54
08/30/2021	17:56:02	78794.42	394759.35	40.43	Soil	10,740	-0.54
08/30/2021	17:56:03	78794.20	394758.83	40.52	Soil	11,760	0.18
08/30/2021	17:56:04	78793.87	394758.54	40.52	Soil	12,540	0.72
08/30/2021	17:56:05	78793.64	394758.13	40.55	Soil	12,900	0.98
08/30/2021	17:56:06	78793.48	394757.88	40.48	Soil	10,560	-0.67
08/30/2021	17:56:12	78793.45	394757.33	40.44	Soil	9,900	-1.13
08/30/2021	17:56:13	78793.68	394757.57	40.52	Soil	11,040	-0.33
08/30/2021	17:56:14	78794.07	394757.95	40.63	Soil	10,500	-0.71
08/30/2021	17:56:15	78794.29	394758.38	40.60	Soil	11,340	-0.12
08/30/2021	17:56:16	78794.49	394758.74	40.56	Soil	11,640	0.09
08/30/2021	17:56:17	78794.65	394759.13	40.48	Soil	8,760	-1.93
08/30/2021	17:56:19	78794.91	394759.51	40.43	Soil	9,960	-1.09
08/30/2021	17:56:19	78795.02	394759.90	40.41	Soil	10,740	-0.54
08/30/2021	17:56:20	78795.07	394760.29	40.30	Soil	9,600	-1.34
08/30/2021	17:56:21	78795.54	394760.57	40.28	Soil	12,180	0.47
08/30/2021	17:56:22	78795.60	394760.79	40.25	Soil	11,100	-0.29
08/30/2021	17:56:23	78795.90	394760.94	40.28	Soil	12,180	0.47
08/30/2021	17:56:24	78796.13	394761.28	40.25	Soil	11,100	-0.29
08/30/2021	17:56:25	78796.42	394761.70	40.30	Soil	11,580	0.05
08/30/2021	17:56:26	78796.75	394762.11	40.37	Soil	10,800	-0.50
08/30/2021	17:56:27	78796.82	394762.60	40.41	Soil	10,800	-0.50
08/30/2021	17:56:28	78797.03	394763.22	40.41	Soil	11,820	0.22
08/30/2021	17:56:29	78797.11	394763.96	40.41	Soil	11,760	0.18
08/30/2021	17:56:30	78797.13	394764.52	40.40	Soil	11,460	-0.04
08/30/2021	17:56:31	78797.42	394764.99	40.45	Soil	10,440	-0.75
08/30/2021	17:56:32	78798.06	394765.17	40.52	Soil	11,220	-0.20
08/30/2021	17:56:33	78798.19	394764.73	40.50	Soil	12,060	0.39
08/30/2021	17:56:34	78798.37	394764.25	40.53	Soil	11,460	-0.04
08/30/2021	17:56:35	78798.21	394763.74	40.50	Soil	8,880	-1.85
08/30/2021	17:56:36	78798.08	394763.10	40.48	Soil	14,220	1.90
08/30/2021	17:56:37	78797.83	394762.55	40.50	Soil	11,940	0.30
08/30/2021	17:56:38	78797.69	394761.99	40.51	Soil	10,620	-0.62
08/30/2021	17:56:39	78797.61	394761.51	40.59	Soil	11,820	0.22
08/30/2021	17:56:40	78797.28	394761.50	40.54	Soil	12,720	0.85
08/30/2021	17:56:41	78796.88	394761.18	40.48	Soil	11,040	-0.33
08/30/2021	17:56:42	78796.57	394760.94	40.42	Soil	11,100	-0.29
08/30/2021	17:56:43	78796.22	394760.53	40.44	Soil	11,940	0.30
08/30/2021	17:56:44	78796.06	394760.26	40.43	Soil	11,520	0.01
08/30/2021	17:56:45	78795.77	394759.95	40.55	Soil	10,920	-0.41
08/30/2021	17:56:46	78795.63	394759.77	40.57	Soil	11,100	-0.29
08/30/2021	17:56:47	78795.44	394759.66	40.53	Soil	11,760	0.18
08/30/2021	17:56:48	78795.27	394759.54	40.51	Soil	11,520	0.01
08/30/2021	17:56:49	78794.95	394759.38	40.48	Soil	11,220	-0.20
08/30/2021	17:56:50	78794.68	394759.11	40.49	Soil	9,900	-1.13
08/30/2021	17:56:51	78794.50	394758.68	40.55	Soil	11,760	0.18
08/30/2021	17:56:52	78794.32	394758.25	40.63	Soil	10,140	-0.96

SU 7D GWS RESULTS
(SOIL)

08/30/2021	17:56:53	78794.04	394757.92	40.58	Soil	10,560	-0.67
08/30/2021	17:56:54	78793.86	394757.44	40.55	Soil	12,480	0.68
08/30/2021	17:56:55	78793.57	394757.02	40.43	Soil	11,400	-0.08
08/30/2021	17:57:02	78793.63	394756.22	40.51	Soil	10,140	-0.96
08/30/2021	17:57:03	78793.77	394756.72	40.57	Soil	11,400	-0.08
08/30/2021	17:57:04	78794.21	394757.22	40.71	Soil	12,960	1.02
08/30/2021	17:57:05	78794.53	394757.66	40.71	Soil	11,880	0.26
08/30/2021	17:57:06	78794.68	394758.05	40.70	Soil	11,460	-0.04
08/30/2021	17:57:07	78794.93	394758.49	40.65	Soil	11,460	-0.04
08/30/2021	17:57:08	78795.02	394758.99	40.64	Soil	11,940	0.30
08/30/2021	17:57:09	78795.25	394759.38	40.60	Soil	12,240	0.51
08/30/2021	17:57:10	78795.49	394759.75	40.56	Soil	10,740	-0.54
08/30/2021	17:57:11	78795.70	394760.16	40.42	Soil	11,520	0.01
08/30/2021	17:57:12	78796.06	394760.57	40.39	Soil	11,940	0.30
08/30/2021	17:57:14	78796.28	394761.18	40.35	Soil	9,780	-1.21
08/30/2021	17:57:14	78796.89	394761.68	40.40	Soil	10,980	-0.37
08/30/2021	17:57:15	78796.95	394762.21	40.44	Soil	11,520	0.01
08/30/2021	17:57:16	78797.26	394762.61	40.49	Soil	11,340	-0.12
08/30/2021	17:57:17	78797.31	394763.18	40.45	Soil	10,380	-0.79
08/30/2021	17:57:18	78797.46	394763.81	40.48	Soil	10,980	-0.37
08/30/2021	17:57:19	78797.62	394764.37	40.48	Soil	11,520	0.01
08/30/2021	17:57:20	78797.44	394764.68	40.44	Soil	10,200	-0.92
08/30/2021	17:57:21	78797.17	394764.77	40.36	Soil	10,920	-0.41
08/30/2021	17:57:22	78796.89	394764.43	40.39	Soil	9,780	-1.21
08/30/2021	17:57:23	78796.64	394764.27	40.35	Soil	11,160	-0.25
08/30/2021	17:57:24	78796.80	394763.95	40.39	Soil	11,160	-0.25
08/30/2021	17:57:25	78796.75	394763.99	40.35	Soil	11,760	0.18
08/30/2021	17:57:26	78796.74	394763.97	40.35	Soil	10,020	-1.05
08/30/2021	17:57:27	78796.74	394763.91	40.36	Soil	11,880	0.26
08/30/2021	17:57:28	78796.70	394763.55	40.40	Soil	10,080	-1.00
08/30/2021	17:57:29	78796.67	394763.59	40.37	Soil	11,100	-0.29
08/30/2021	17:57:30	78796.74	394763.28	40.42	Soil	11,520	0.01
08/30/2021	17:57:31	78796.86	394762.69	40.49	Soil	14,220	1.90
08/30/2021	17:57:32	78797.04	394761.74	40.57	Soil	11,520	0.01
08/30/2021	17:57:33	78797.12	394761.03	40.63	Soil	12,900	0.98
08/30/2021	17:57:34	78796.96	394760.24	40.67	Soil	11,580	0.05
08/30/2021	17:57:35	78796.84	394759.45	40.74	Soil	11,340	-0.12
08/30/2021	17:57:36	78796.37	394758.84	40.76	Soil	10,980	-0.37
08/30/2021	17:57:37	78796.04	394758.04	40.79	Soil	12,300	0.55
08/30/2021	17:57:39	78795.73	394757.11	40.78	Soil	11,160	-0.25
08/30/2021	17:57:39	78795.39	394756.36	40.78	Soil	11,220	-0.20
08/30/2021	17:57:40	78795.09	394755.54	40.84	Soil	12,060	0.39
08/30/2021	17:57:41	78794.90	394754.90	40.84	Soil	11,160	-0.25
08/30/2021	17:57:42	78794.76	394754.42	40.84	Soil	10,860	-0.46
08/30/2021	17:57:43	78794.78	394754.19	40.86	Soil	12,660	0.81
08/30/2021	17:57:44	78794.85	394754.11	40.89	Soil	14,700	2.24
08/30/2021	17:57:45	78794.87	394754.00	40.89	Soil	12,960	1.02
08/30/2021	17:57:46	78794.61	394753.71	40.86	Soil	13,140	1.14
08/30/2021	17:57:47	78794.72	394753.20	40.85	Soil	12,540	0.72
08/30/2021	17:57:48	78794.64	394752.67	40.83	Soil	11,880	0.26
08/30/2021	17:57:49	78794.80	394752.41	40.81	Soil	12,960	1.02

SU 7D GWS RESULTS
(SOIL)

08/30/2021	17:57:50	78794.75	394752.36	40.82	Soil	14,100	1.82
08/30/2021	17:57:51	78794.72	394752.35	40.83	Soil	13,020	1.06
08/30/2021	17:57:52	78794.71	394752.34	40.84	Soil	12,180	0.47
08/30/2021	17:57:53	78794.71	394752.35	40.85	Soil	12,300	0.55
08/31/2021	15:48:34	78797.92	394721.78	40.48	Soil	9,840	-1.17
08/31/2021	15:48:35	78797.92	394721.78	40.46	Soil	10,380	-0.79
08/31/2021	15:48:36	78797.92	394721.78	40.45	Soil	11,580	0.05
08/31/2021	15:48:37	78797.91	394721.78	40.44	Soil	11,100	-0.29
08/31/2021	15:48:38	78797.91	394721.79	40.42	Soil	11,280	-0.16
08/31/2021	15:48:39	78797.91	394721.79	40.40	Soil	11,040	-0.33
08/31/2021	15:48:40	78797.91	394721.79	40.39	Soil	10,980	-0.37
08/31/2021	15:48:41	78797.91	394721.78	40.39	Soil	10,440	-0.75
08/31/2021	15:48:42	78797.90	394721.79	40.39	Soil	10,500	-0.71
08/31/2021	15:48:43	78797.90	394721.78	40.39	Soil	9,840	-1.17
08/31/2021	15:48:44	78797.90	394721.78	40.40	Soil	11,400	-0.08
08/31/2021	15:48:45	78797.90	394721.78	40.41	Soil	10,800	-0.50
08/31/2021	15:48:46	78797.89	394721.77	40.42	Soil	10,440	-0.75
08/31/2021	15:48:47	78797.89	394721.78	40.40	Soil	11,100	-0.29
08/31/2021	16:06:57	78798.43	394729.03	39.16	Soil	10,320	-0.84
08/31/2021	16:06:58	78798.43	394729.03	39.16	Soil	8,820	-1.89
08/31/2021	16:06:59	78798.44	394729.04	39.17	Soil	10,260	-0.88
08/31/2021	16:07:00	78798.44	394729.04	39.18	Soil	10,860	-0.46
08/31/2021	16:07:01	78798.45	394729.05	39.20	Soil	10,920	-0.41
08/31/2021	16:07:02	78798.50	394729.20	39.21	Soil	11,040	-0.33
08/31/2021	16:07:03	78798.59	394729.52	39.22	Soil	10,860	-0.46
08/31/2021	16:07:04	78798.55	394729.75	39.23	Soil	9,660	-1.30
08/31/2021	16:07:05	78798.49	394729.55	39.20	Soil	11,820	0.22
08/31/2021	16:07:06	78798.46	394729.25	39.18	Soil	11,760	0.18
08/31/2021	16:07:07	78798.53	394729.25	39.22	Soil	12,120	0.43
08/31/2021	16:07:08	78798.77	394729.48	39.22	Soil	12,000	0.34
08/31/2021	16:07:09	78798.74	394729.43	39.19	Soil	11,520	0.01
08/31/2021	16:07:10	78798.46	394729.13	39.10	Soil	10,560	-0.67
08/31/2021	16:07:11	78798.26	394729.12	39.03	Soil	10,200	-0.92
08/31/2021	16:07:12	78798.22	394729.43	39.06	Soil	10,320	-0.84
08/31/2021	16:07:13	78798.33	394729.57	39.03	Soil	10,560	-0.67
08/31/2021	16:07:14	78798.37	394729.38	39.00	Soil	11,040	-0.33
08/31/2021	16:07:15	78798.25	394729.08	38.96	Soil	11,100	-0.29
08/31/2021	16:07:16	78798.15	394729.01	38.95	Soil	9,900	-1.13
08/31/2021	16:07:17	78798.14	394729.26	39.00	Soil	8,820	-1.89
08/31/2021	16:07:18	78798.22	394729.46	38.94	Soil	11,460	-0.04
08/31/2021	16:07:19	78798.35	394729.38	39.00	Soil	11,040	-0.33
08/31/2021	16:07:20	78798.41	394729.08	39.01	Soil	9,840	-1.17
08/31/2021	16:07:21	78798.50	394728.91	38.99	Soil	9,360	-1.51
08/31/2021	16:07:22	78798.67	394729.07	39.04	Soil	10,080	-1.00
08/31/2021	16:07:23	78798.94	394729.32	39.13	Soil	10,980	-0.37
08/31/2021	16:07:24	78799.07	394729.38	39.15	Soil	12,480	0.68
08/31/2021	16:07:25	78798.90	394729.20	39.10	Soil	9,780	-1.21
08/31/2021	16:07:26	78798.82	394728.87	39.11	Soil	9,120	-1.68
08/31/2021	16:07:27	78798.98	394728.88	39.17	Soil	11,880	0.26
08/31/2021	16:07:28	78799.16	394729.11	39.24	Soil	12,000	0.34
08/31/2021	16:07:29	78799.26	394729.03	39.30	Soil	10,380	-0.79

SU 7D GWS RESULTS
(SOIL)

08/31/2021	16:07:30	78799.22	394728.89	39.31	Soil	11,100	-0.29
08/31/2021	16:07:31	78799.14	394729.04	39.33	Soil	11,280	-0.16
08/31/2021	16:07:32	78798.94	394729.14	39.29	Soil	11,820	0.22
08/31/2021	16:07:33	78798.76	394728.97	39.21	Soil	11,460	-0.04
08/31/2021	16:07:34	78798.70	394729.00	39.26	Soil	11,820	0.22
08/31/2021	16:07:35	78798.56	394729.11	39.20	Soil	10,740	-0.54
08/31/2021	16:07:36	78798.32	394728.97	39.17	Soil	11,280	-0.16
08/31/2021	16:07:37	78798.27	394729.09	39.17	Soil	9,720	-1.26
08/31/2021	16:07:38	78798.15	394729.27	39.09	Soil	10,680	-0.58
08/31/2021	16:07:39	78797.86	394729.14	39.05	Soil	9,660	-1.30
08/31/2021	16:07:40	78797.81	394729.17	39.03	Soil	10,200	-0.92
08/31/2021	16:07:41	78797.98	394729.44	39.07	Soil	10,860	-0.46
08/31/2021	16:07:42	78798.13	394729.47	39.04	Soil	10,620	-0.62
08/31/2021	16:07:43	78798.09	394729.15	38.97	Soil	9,900	-1.13
08/31/2021	16:07:44	78797.86	394729.02	38.92	Soil	9,540	-1.38
08/31/2021	16:07:45	78797.74	394729.35	38.95	Soil	10,260	-0.88
08/31/2021	16:07:46	78797.78	394729.58	38.97	Soil	11,220	-0.20
08/31/2021	16:07:47	78797.71	394729.36	38.91	Soil	8,940	-1.80
08/31/2021	16:07:48	78797.63	394729.27	38.86	Soil	9,600	-1.34
08/31/2021	16:07:49	78797.67	394729.41	38.83	Soil	9,180	-1.64
08/31/2021	16:07:50	78797.63	394729.28	38.80	Soil	9,000	-1.76
08/31/2021	16:07:51	78797.48	394729.08	38.82	Soil	10,440	-0.75
08/31/2021	16:07:52	78797.44	394729.27	38.84	Soil	10,020	-1.05
08/31/2021	16:07:53	78797.49	394729.54	38.85	Soil	10,200	-0.92
08/31/2021	16:07:54	78797.50	394729.62	38.91	Soil	9,780	-1.21
08/31/2021	16:07:55	78797.48	394729.69	38.87	Soil	9,780	-1.21
08/31/2021	16:07:56	78797.40	394729.63	38.84	Soil	10,260	-0.88
08/31/2021	16:07:57	78797.44	394729.51	38.85	Soil	11,520	0.01
08/31/2021	16:07:58	78797.56	394729.50	38.87	Soil	10,380	-0.79
08/31/2021	16:07:59	78797.52	394729.38	38.85	Soil	10,920	-0.41
08/31/2021	16:08:00	78797.53	394729.16	38.86	Soil	11,340	-0.12
08/31/2021	16:08:01	78797.71	394729.20	38.87	Soil	9,540	-1.38
08/31/2021	16:08:02	78797.83	394729.31	38.95	Soil	9,360	-1.51
08/31/2021	16:08:03	78797.80	394729.21	38.89	Soil	8,940	-1.80
08/31/2021	16:08:04	78797.76	394729.01	38.95	Soil	10,320	-0.84
08/31/2021	16:08:05	78797.89	394728.98	38.99	Soil	9,540	-1.38
08/31/2021	16:08:06	78798.06	394729.12	39.03	Soil	10,500	-0.71
08/31/2021	16:08:07	78798.08	394729.03	39.00	Soil	9,840	-1.17
08/31/2021	16:08:08	78798.07	394728.82	39.06	Soil	12,000	0.34
08/31/2021	16:08:09	78798.23	394728.92	39.16	Soil	10,140	-0.96
08/31/2021	16:08:10	78798.42	394729.05	39.15	Soil	11,700	0.13
08/31/2021	16:08:11	78798.43	394728.89	39.04	Soil	10,440	-0.75
08/31/2021	16:08:12	78798.36	394728.73	39.01	Soil	9,900	-1.13
08/31/2021	16:08:13	78798.43	394728.91	39.13	Soil	9,660	-1.30
08/31/2021	16:08:14	78798.55	394729.09	39.17	Soil	10,620	-0.62
08/31/2021	16:08:15	78798.57	394728.95	39.04	Soil	12,540	0.72
08/31/2021	16:08:16	78798.59	394728.74	39.02	Soil	11,460	-0.04
08/31/2021	16:08:17	78798.57	394728.74	39.03	Soil	11,280	-0.16
08/31/2021	16:08:18	78798.54	394728.91	39.08	Soil	12,060	0.39
08/31/2021	16:08:19	78798.54	394728.96	39.07	Soil	10,860	-0.46
08/31/2021	16:08:20	78798.49	394728.86	39.10	Soil	11,760	0.18

SU 7D GWS RESULTS
(SOIL)

08/31/2021	16:08:21	78798.49	394728.87	39.13	Soil	11,340	-0.12
08/31/2021	16:08:22	78798.53	394728.87	39.12	Soil	11,520	0.01
08/31/2021	16:08:23	78798.50	394728.85	39.14	Soil	10,800	-0.50
08/31/2021	16:08:24	78798.46	394728.82	39.18	Soil	11,220	-0.20
08/31/2021	16:08:25	78798.50	394728.79	39.27	Soil	12,000	0.34
08/31/2021	16:08:26	78798.51	394728.80	39.32	Soil	11,400	-0.08
08/31/2021	16:08:27	78798.40	394728.73	39.35	Soil	11,520	0.01
08/31/2021	16:08:28	78798.26	394728.60	39.38	Soil	10,680	-0.58
08/31/2021	16:08:29	78798.21	394728.48	39.39	Soil	10,800	-0.50
08/31/2021	16:08:30	78798.20	394728.29	39.42	Soil	11,220	-0.20
08/31/2021	16:08:31	78798.20	394728.15	39.46	Soil	10,020	-1.05
08/31/2021	16:08:32	78798.19	394728.19	39.37	Soil	9,840	-1.17
08/31/2021	16:08:33	78798.14	394728.26	39.37	Soil	10,680	-0.58
08/31/2021	16:08:34	78798.12	394728.27	39.36	Soil	10,440	-0.75
08/31/2021	16:08:35	78798.16	394728.30	39.48	Soil	10,380	-0.79
08/31/2021	16:08:36	78798.21	394728.35	39.54	Soil	10,560	-0.67
08/31/2021	16:08:37	78798.22	394728.41	39.61	Soil	10,560	-0.67
08/31/2021	16:08:38	78798.22	394728.39	39.62	Soil	10,140	-0.96
08/31/2021	16:08:39	78798.22	394728.34	39.55	Soil	10,020	-1.05
08/31/2021	16:08:40	78798.26	394728.40	39.30	Soil	10,980	-0.37
08/31/2021	16:08:41	78798.28	394728.47	39.34	Soil	10,620	-0.62
08/31/2021	16:08:42	78798.26	394728.59	39.36	Soil	9,660	-1.30
08/31/2021	16:08:43	78798.34	394728.85	39.44	Soil	10,560	-0.67
08/31/2021	16:08:44	78798.31	394728.82	39.23	Soil	10,560	-0.67
08/31/2021	16:08:45	78798.16	394728.57	39.21	Soil	11,220	-0.20
08/31/2021	16:08:46	78798.27	394728.74	39.29	Soil	10,980	-0.37
08/31/2021	16:08:47	78798.45	394729.00	39.28	Soil	11,760	0.18
08/31/2021	16:08:48	78798.41	394728.83	39.18	Soil	12,060	0.39
08/31/2021	16:08:49	78798.34	394728.53	39.14	Soil	10,860	-0.46
08/31/2021	16:08:50	78798.47	394728.45	39.21	Soil	12,420	0.64
08/31/2021	16:08:51	78798.50	394728.41	39.16	Soil	11,040	-0.33
08/31/2021	16:08:52	78798.36	394728.38	39.17	Soil	10,320	-0.84
08/31/2021	16:08:53	78798.39	394728.60	39.19	Soil	10,260	-0.88
08/31/2021	16:08:54	78798.57	394728.75	39.17	Soil	10,680	-0.58
08/31/2021	16:08:55	78798.63	394728.53	39.17	Soil	10,380	-0.79
08/31/2021	16:08:56	78798.62	394728.28	39.23	Soil	11,880	0.26
08/31/2021	16:08:57	78798.75	394728.39	39.24	Soil	12,540	0.72
08/31/2021	16:08:58	78798.85	394728.48	39.18	Soil	10,620	-0.62
08/31/2021	16:08:59	78798.92	394728.31	39.25	Soil	11,760	0.18
08/31/2021	16:09:00	78799.08	394728.38	39.26	Soil	11,460	-0.04
08/31/2021	16:09:01	78799.13	394728.58	39.23	Soil	12,840	0.93
08/31/2021	16:09:02	78799.08	394728.51	39.21	Soil	11,040	-0.33
08/31/2021	16:09:03	78799.14	394728.46	39.20	Soil	11,160	-0.25
08/31/2021	16:09:04	78799.35	394728.71	39.31	Soil	10,680	-0.58
08/31/2021	16:09:05	78799.47	394728.78	39.24	Soil	12,180	0.47
08/31/2021	16:09:06	78799.27	394728.48	39.21	Soil	12,420	0.64
08/31/2021	16:09:07	78799.19	394728.38	39.27	Soil	11,640	0.09
08/31/2021	16:09:08	78799.35	394728.50	39.26	Soil	9,660	-1.30
08/31/2021	16:09:09	78799.18	394728.46	39.16	Soil	12,240	0.51
08/31/2021	16:09:10	78798.86	394728.44	39.16	Soil	12,120	0.43
08/31/2021	16:09:11	78798.98	394728.63	39.16	Soil	9,720	-1.26

SU 7D GWS RESULTS
(SOIL)

08/31/2021	16:09:12	78799.07	394728.66	39.19	Soil	12,180	0.47
08/31/2021	16:09:13	78798.92	394728.60	39.15	Soil	11,940	0.30
08/31/2021	16:09:14	78798.91	394728.84	39.21	Soil	12,660	0.81
08/31/2021	16:09:15	78798.83	394728.76	39.12	Soil	11,340	-0.12
08/31/2021	16:09:16	78798.68	394728.36	39.06	Soil	11,760	0.18
08/31/2021	16:09:17	78798.60	394728.43	38.98	Soil	9,900	-1.13
08/31/2021	16:09:18	78798.51	394728.65	38.84	Soil	11,640	0.09
08/31/2021	16:09:19	78798.38	394728.55	38.86	Soil	10,440	-0.75
08/31/2021	16:09:20	78798.32	394728.66	38.90	Soil	12,600	0.76
08/31/2021	16:09:21	78798.31	394728.89	38.95	Soil	11,100	-0.29
08/31/2021	16:09:22	78798.17	394728.71	38.85	Soil	11,940	0.30
08/31/2021	16:09:23	78798.18	394728.53	38.87	Soil	9,960	-1.09
08/31/2021	16:09:24	78798.38	394728.67	38.92	Soil	10,320	-0.84
08/31/2021	16:09:25	78798.27	394728.77	38.87	Soil	10,020	-1.05
08/31/2021	16:09:26	78797.96	394728.64	38.83	Soil	9,780	-1.21
08/31/2021	16:09:27	78797.92	394728.76	38.87	Soil	12,060	0.39
08/31/2021	16:09:28	78797.96	394728.97	38.87	Soil	9,900	-1.13
08/31/2021	16:09:29	78797.92	394728.73	38.89	Soil	11,760	0.18
08/31/2021	16:09:30	78797.91	394728.50	38.85	Soil	9,300	-1.55
08/31/2021	16:09:31	78797.91	394728.71	38.86	Soil	10,980	-0.37
08/31/2021	16:09:32	78797.80	394728.85	38.86	Soil	10,380	-0.79
08/31/2021	16:09:33	78797.61	394728.63	38.81	Soil	10,800	-0.50
08/31/2021	16:09:34	78797.63	394728.46	38.83	Soil	11,340	-0.12
08/31/2021	16:09:35	78797.84	394728.58	38.87	Soil	11,160	-0.25
08/31/2021	16:09:36	78797.94	394728.61	38.85	Soil	11,100	-0.29
08/31/2021	16:09:37	78797.87	394728.47	38.93	Soil	11,220	-0.20
08/31/2021	16:09:38	78797.84	394728.52	38.89	Soil	11,100	-0.29
08/31/2021	16:09:39	78797.76	394728.58	38.87	Soil	9,840	-1.17
08/31/2021	16:09:40	78797.47	394728.51	38.84	Soil	8,940	-1.80
08/31/2021	16:09:41	78797.35	394728.71	38.81	Soil	11,700	0.13
08/31/2021	16:09:42	78797.39	394728.95	38.77	Soil	11,280	-0.16
08/31/2021	16:09:43	78797.21	394728.81	38.82	Soil	10,320	-0.84
08/31/2021	16:09:44	78797.07	394728.62	38.79	Soil	10,380	-0.79
08/31/2021	16:09:45	78797.23	394728.86	38.81	Soil	9,300	-1.55
08/31/2021	16:09:46	78797.29	394729.07	38.81	Soil	10,260	-0.88
08/31/2021	16:09:47	78797.21	394728.89	38.80	Soil	8,940	-1.80
08/31/2021	16:09:48	78797.28	394728.82	38.81	Soil	10,620	-0.62
08/31/2021	16:09:49	78797.49	394729.07	38.79	Soil	10,980	-0.37
08/31/2021	16:09:50	78797.48	394729.13	38.80	Soil	10,380	-0.79
08/31/2021	16:09:51	78797.36	394728.94	38.80	Soil	11,520	0.01
08/31/2021	16:09:52	78797.33	394728.72	38.79	Soil	10,140	-0.96
08/31/2021	16:09:53	78797.38	394728.55	38.80	Soil	10,200	-0.92
08/31/2021	16:09:54	78797.48	394728.51	38.84	Soil	10,500	-0.71
08/31/2021	16:09:55	78797.39	394728.63	38.85	Soil	10,320	-0.84
08/31/2021	16:09:56	78797.30	394728.74	38.83	Soil	10,440	-0.75
08/31/2021	16:09:57	78797.61	394728.67	38.87	Soil	11,700	0.13
08/31/2021	16:09:58	78797.84	394728.47	38.94	Soil	11,280	-0.16
08/31/2021	16:09:59	78797.67	394728.37	38.98	Soil	11,640	0.09
08/31/2021	16:10:00	78797.54	394728.50	38.97	Soil	11,340	-0.12
08/31/2021	16:10:01	78797.65	394728.62	38.98	Soil	10,380	-0.79
08/31/2021	16:10:02	78797.81	394728.55	39.00	Soil	10,080	-1.00

SU 7D GWS RESULTS
(SOIL)

08/31/2021	16:10:03	78797.81	394728.37	39.07	Soil	9,960	-1.09
08/31/2021	16:10:04	78797.71	394728.30	39.10	Soil	10,860	-0.46
08/31/2021	16:10:05	78797.89	394728.45	39.15	Soil	11,880	0.26
08/31/2021	16:10:06	78798.07	394728.53	39.16	Soil	9,360	-1.51
08/31/2021	16:10:07	78797.94	394728.30	39.14	Soil	10,500	-0.71
08/31/2021	16:10:08	78797.93	394728.29	39.16	Soil	10,680	-0.58
08/31/2021	16:10:09	78798.10	394728.49	39.16	Soil	11,100	-0.29
08/31/2021	16:10:10	78798.10	394728.48	39.18	Soil	11,280	-0.16
08/31/2021	16:10:11	78797.94	394728.28	39.20	Soil	10,200	-0.92
08/31/2021	16:10:12	78798.02	394728.26	39.25	Soil	9,300	-1.55
08/31/2021	16:10:13	78798.19	394728.34	39.28	Soil	10,800	-0.50
08/31/2021	16:10:14	78798.14	394728.21	39.32	Soil	10,020	-1.05
08/31/2021	16:10:15	78798.18	394728.08	39.43	Soil	11,880	0.26
08/31/2021	16:10:16	78798.37	394728.13	39.42	Soil	11,400	-0.08
08/31/2021	16:10:17	78798.27	394728.28	39.37	Soil	11,700	0.13
08/31/2021	16:10:18	78798.15	394728.37	39.46	Soil	10,020	-1.05
08/31/2021	16:10:19	78798.47	394728.32	39.56	Soil	12,060	0.39
08/31/2021	16:10:20	78798.92	394728.21	39.57	Soil	12,180	0.47
08/31/2021	16:10:21	78798.96	394728.27	39.50	Soil	11,220	-0.20
08/31/2021	16:10:22	78798.66	394728.48	39.43	Soil	10,500	-0.71
08/31/2021	16:10:23	78798.53	394728.53	39.48	Soil	13,500	1.40
08/31/2021	16:10:24	78798.75	394728.38	39.60	Soil	10,980	-0.37
08/31/2021	16:10:25	78799.06	394728.32	39.55	Soil	11,880	0.26
08/31/2021	16:10:26	78799.01	394728.38	39.50	Soil	11,580	0.05
08/31/2021	16:10:27	78798.66	394728.43	39.38	Soil	11,640	0.09
08/31/2021	16:10:28	78798.52	394728.37	39.45	Soil	10,440	-0.75
08/31/2021	16:10:29	78798.69	394728.27	39.48	Soil	11,580	0.05
08/31/2021	16:10:30	78798.64	394728.27	39.56	Soil	12,840	0.93
08/31/2021	16:10:31	78798.36	394728.33	39.41	Soil	9,780	-1.21
08/31/2021	16:10:32	78798.25	394728.32	39.46	Soil	11,460	-0.04
08/31/2021	16:10:33	78798.21	394728.31	39.63	Soil	12,180	0.47
08/31/2021	16:10:34	78798.19	394728.35	39.62	Soil	10,080	-1.00
08/31/2021	16:10:35	78798.26	394728.34	39.63	Soil	11,220	-0.20
08/31/2021	16:10:36	78798.22	394728.32	39.62	Soil	10,140	-0.96
08/31/2021	16:10:37	78798.16	394728.34	39.60	Soil	10,980	-0.37
08/31/2021	16:10:38	78798.24	394728.34	39.60	Soil	10,860	-0.46
08/31/2021	16:10:39	78798.16	394728.26	39.63	Soil	10,440	-0.75
08/31/2021	16:10:40	78798.08	394728.10	39.67	Soil	10,680	-0.58
08/31/2021	16:10:41	78798.10	394727.95	39.73	Soil	11,520	0.01
08/31/2021	16:10:42	78798.01	394727.78	39.72	Soil	10,560	-0.67
08/31/2021	16:10:43	78797.95	394727.67	39.73	Soil	10,620	-0.62
08/31/2021	16:10:44	78797.94	394727.70	39.54	Soil	11,160	-0.25
08/31/2021	16:10:45	78797.86	394727.80	39.36	Soil	11,340	-0.12
08/31/2021	16:10:46	78797.86	394728.03	39.28	Soil	12,060	0.39
08/31/2021	16:10:47	78797.98	394728.26	39.15	Soil	12,720	0.85
08/31/2021	16:10:48	78798.04	394728.08	39.13	Soil	9,360	-1.51
08/31/2021	16:10:49	78798.02	394727.78	39.14	Soil	11,340	-0.12
08/31/2021	16:10:50	78798.09	394728.00	39.16	Soil	11,520	0.01
08/31/2021	16:10:51	78798.14	394728.23	39.16	Soil	10,140	-0.96
08/31/2021	16:10:52	78797.98	394728.04	39.15	Soil	11,340	-0.12
08/31/2021	16:10:53	78797.94	394727.83	39.19	Soil	12,360	0.60

SU 7D GWS RESULTS
(SOIL)

08/31/2021	16:10:54	78798.20	394727.91	39.23	Soil	10,080	-1.00
08/31/2021	16:10:55	78798.24	394727.86	39.25	Soil	12,360	0.60
08/31/2021	16:10:56	78798.06	394727.65	39.30	Soil	10,500	-0.71
08/31/2021	16:10:57	78798.17	394727.66	39.31	Soil	10,320	-0.84
08/31/2021	16:10:58	78798.28	394727.72	39.35	Soil	9,780	-1.21
08/31/2021	16:10:59	78798.11	394727.64	39.33	Soil	11,100	-0.29
08/31/2021	16:11:00	78798.16	394727.49	39.45	Soil	9,300	-1.55
08/31/2021	16:11:01	78798.55	394727.43	39.45	Soil	11,220	-0.20
08/31/2021	16:11:02	78798.61	394727.56	39.36	Soil	9,840	-1.17
08/31/2021	16:11:03	78798.44	394727.57	39.41	Soil	10,080	-1.00
08/31/2021	16:11:04	78798.55	394727.50	39.47	Soil	10,020	-1.05
08/31/2021	16:11:05	78798.69	394727.72	39.41	Soil	11,640	0.09
08/31/2021	16:11:06	78798.62	394727.96	39.37	Soil	9,840	-1.17
08/31/2021	16:11:07	78798.71	394727.87	39.50	Soil	11,100	-0.29
08/31/2021	16:11:08	78798.97	394727.77	39.42	Soil	10,800	-0.50
08/31/2021	16:11:09	78799.09	394727.98	39.41	Soil	11,040	-0.33
08/31/2021	16:11:10	78798.99	394727.95	39.38	Soil	12,060	0.39
08/31/2021	16:11:11	78798.79	394727.69	39.34	Soil	11,400	-0.08
08/31/2021	16:11:12	78798.71	394727.92	39.35	Soil	10,680	-0.58
08/31/2021	16:11:13	78798.82	394728.14	39.31	Soil	10,140	-0.96
08/31/2021	16:11:14	78798.93	394727.71	39.37	Soil	11,880	0.26
08/31/2021	16:11:15	78798.93	394727.30	39.42	Soil	9,120	-1.68
08/31/2021	16:11:16	78799.00	394727.46	39.45	Soil	10,680	-0.58
08/31/2021	16:11:17	78799.02	394727.77	39.49	Soil	10,620	-0.62
08/31/2021	16:11:18	78798.81	394727.71	39.41	Soil	11,040	-0.33
08/31/2021	16:11:19	78798.61	394727.78	39.37	Soil	10,800	-0.50
08/31/2021	16:11:20	78798.55	394728.07	39.34	Soil	11,280	-0.16
08/31/2021	16:11:21	78798.56	394727.78	39.32	Soil	9,960	-1.09
08/31/2021	16:11:22	78798.65	394727.41	39.42	Soil	9,120	-1.68
08/31/2021	16:11:23	78798.80	394727.55	39.45	Soil	11,400	-0.08
08/31/2021	16:11:24	78798.77	394727.67	39.31	Soil	12,840	0.93
08/31/2021	16:11:25	78798.71	394727.54	39.34	Soil	11,160	-0.25
08/31/2021	16:11:26	78798.86	394727.45	39.44	Soil	11,580	0.05
08/31/2021	16:11:27	78799.09	394727.54	39.45	Soil	10,680	-0.58
08/31/2021	16:11:28	78799.16	394727.88	39.47	Soil	10,860	-0.46
08/31/2021	16:11:29	78798.86	394727.84	39.42	Soil	11,340	-0.12
08/31/2021	16:11:30	78798.77	394727.69	39.44	Soil	10,740	-0.54
08/31/2021	16:11:31	78799.14	394727.86	39.40	Soil	9,780	-1.21
08/31/2021	16:11:32	78799.21	394727.94	39.49	Soil	10,920	-0.41
08/31/2021	16:11:33	78799.04	394727.85	39.53	Soil	11,640	0.09
08/31/2021	16:11:34	78799.04	394727.89	39.50	Soil	9,720	-1.26
08/31/2021	16:11:35	78799.01	394728.04	39.50	Soil	10,020	-1.05
08/31/2021	16:11:36	78798.86	394727.86	39.51	Soil	11,340	-0.12
08/31/2021	16:11:37	78798.97	394727.80	39.51	Soil	12,660	0.81
08/31/2021	16:11:38	78799.14	394727.82	39.52	Soil	11,100	-0.29
08/31/2021	16:11:39	78799.05	394727.59	39.49	Soil	10,920	-0.41
08/31/2021	16:11:40	78799.18	394727.54	39.61	Soil	11,100	-0.29
08/31/2021	16:11:41	78799.48	394727.64	39.72	Soil	11,220	-0.20
08/31/2021	16:11:42	78799.37	394727.66	39.58	Soil	12,120	0.43
08/31/2021	16:11:43	78799.09	394727.72	39.60	Soil	10,500	-0.71
08/31/2021	16:11:44	78799.29	394727.72	39.79	Soil	11,100	-0.29

SU 7D GWS RESULTS
(SOIL)

08/31/2021	16:11:45	78799.34	394727.54	39.65	Soil	11,820	0.22
08/31/2021	16:11:46	78799.03	394727.32	39.58	Soil	11,820	0.22
08/31/2021	16:11:47	78799.07	394727.20	39.69	Soil	11,700	0.13
08/31/2021	16:11:48	78799.23	394727.15	39.68	Soil	11,460	-0.04
08/31/2021	16:11:49	78799.07	394727.21	39.62	Soil	9,000	-1.76
08/31/2021	16:11:50	78799.13	394727.29	39.81	Soil	10,200	-0.92
08/31/2021	16:11:51	78799.45	394727.25	39.83	Soil	9,780	-1.21
08/31/2021	16:11:52	78799.35	394727.29	39.59	Soil	10,380	-0.79
08/31/2021	16:11:53	78799.08	394727.47	39.49	Soil	10,020	-1.05
08/31/2021	16:11:54	78798.87	394727.62	39.52	Soil	12,000	0.34
08/31/2021	16:11:55	78798.57	394727.68	39.54	Soil	10,920	-0.41
08/31/2021	16:11:56	78798.46	394727.72	39.52	Soil	9,780	-1.21
08/31/2021	16:11:57	78798.45	394727.74	39.48	Soil	10,560	-0.67
08/31/2021	16:11:58	78798.24	394727.72	39.36	Soil	10,500	-0.71
08/31/2021	16:11:59	78798.15	394727.95	39.42	Soil	12,420	0.64
08/31/2021	16:12:00	78798.25	394728.01	39.37	Soil	10,140	-0.96
08/31/2021	16:12:01	78798.25	394727.58	39.39	Soil	9,840	-1.17
08/31/2021	16:12:02	78798.21	394727.55	39.29	Soil	11,640	0.09
08/31/2021	16:12:03	78798.24	394727.85	39.13	Soil	12,060	0.39
08/31/2021	16:12:04	78798.06	394727.79	39.17	Soil	11,040	-0.33
08/31/2021	16:12:05	78797.83	394727.65	39.14	Soil	12,480	0.68
08/31/2021	16:12:06	78797.88	394727.75	39.06	Soil	9,600	-1.34
08/31/2021	16:12:07	78797.98	394727.83	39.01	Soil	12,000	0.34
08/31/2021	16:12:08	78797.82	394727.78	38.99	Soil	12,840	0.93
08/31/2021	16:12:09	78797.52	394727.80	38.96	Soil	10,620	-0.62
08/31/2021	16:12:10	78797.42	394727.77	38.96	Soil	10,800	-0.50
08/31/2021	16:12:11	78797.60	394727.82	38.95	Soil	11,340	-0.12
08/31/2021	16:12:12	78797.79	394728.16	38.91	Soil	12,060	0.39
08/31/2021	16:12:13	78797.71	394728.24	38.91	Soil	10,860	-0.46
08/31/2021	16:12:14	78797.61	394727.97	38.99	Soil	9,720	-1.26
08/31/2021	16:12:15	78797.89	394727.97	38.95	Soil	12,120	0.43
08/31/2021	16:12:16	78798.04	394728.17	38.94	Soil	11,040	-0.33
08/31/2021	16:12:17	78797.65	394728.06	38.97	Soil	10,200	-0.92
08/31/2021	16:12:18	78797.37	394728.01	38.88	Soil	12,660	0.81
08/31/2021	16:12:19	78797.37	394728.21	38.91	Soil	10,920	-0.41
08/31/2021	16:12:20	78797.26	394728.39	38.81	Soil	10,620	-0.62
08/31/2021	16:12:21	78797.19	394728.05	38.83	Soil	10,740	-0.54
08/31/2021	16:12:22	78797.22	394727.96	38.86	Soil	10,080	-1.00
08/31/2021	16:12:23	78797.26	394728.19	38.88	Soil	11,160	-0.25
08/31/2021	16:12:24	78797.33	394728.21	38.89	Soil	10,260	-0.88
08/31/2021	16:12:25	78797.41	394727.80	38.93	Soil	10,440	-0.75
08/31/2021	16:12:26	78797.46	394727.77	38.89	Soil	12,480	0.68
08/31/2021	16:12:27	78797.47	394728.03	38.86	Soil	11,820	0.22
08/31/2021	16:12:28	78797.40	394728.09	38.88	Soil	11,040	-0.33
08/31/2021	16:12:29	78797.49	394727.86	38.92	Soil	10,380	-0.79
08/31/2021	16:12:30	78797.68	394727.72	38.94	Soil	9,420	-1.47
08/31/2021	16:12:31	78797.82	394727.84	38.95	Soil	11,460	-0.04
08/31/2021	16:12:32	78797.77	394727.90	38.97	Soil	12,060	0.39
08/31/2021	16:12:33	78797.67	394727.78	39.19	Soil	10,800	-0.50
08/31/2021	16:12:34	78797.71	394727.74	39.27	Soil	11,460	-0.04
08/31/2021	16:12:35	78797.82	394727.85	39.26	Soil	11,400	-0.08

SU 7D GWS RESULTS
(SOIL)

08/31/2021	16:12:36	78797.83	394727.82	39.25	Soil	11,160	-0.25
08/31/2021	16:12:37	78797.81	394727.83	39.25	Soil	9,840	-1.17
08/31/2021	16:12:38	78797.76	394727.81	39.24	Soil	9,600	-1.34
08/31/2021	16:12:39	78797.66	394727.71	39.22	Soil	12,540	0.72
08/31/2021	16:12:40	78797.67	394727.70	39.25	Soil	10,860	-0.46
08/31/2021	16:12:41	78797.61	394727.47	39.31	Soil	10,920	-0.41
08/31/2021	16:12:42	78797.56	394727.21	39.32	Soil	11,220	-0.20
08/31/2021	16:12:43	78797.54	394727.09	39.39	Soil	10,080	-1.00
08/31/2021	16:12:44	78797.52	394726.83	39.42	Soil	11,040	-0.33
08/31/2021	16:12:45	78797.58	394726.71	39.36	Soil	10,860	-0.46
08/31/2021	16:12:46	78797.56	394726.75	39.17	Soil	10,200	-0.92
08/31/2021	16:12:47	78797.39	394726.81	39.10	Soil	9,540	-1.38
08/31/2021	16:12:48	78797.38	394727.13	39.06	Soil	10,680	-0.58
08/31/2021	16:12:49	78797.50	394727.37	39.00	Soil	11,760	0.18
08/31/2021	16:12:50	78797.53	394727.13	39.10	Soil	10,860	-0.46
08/31/2021	16:12:51	78797.54	394726.83	39.09	Soil	9,840	-1.17
08/31/2021	16:12:52	78797.54	394726.91	39.04	Soil	10,320	-0.84
08/31/2021	16:12:53	78797.49	394727.07	39.16	Soil	10,560	-0.67
08/31/2021	16:12:54	78797.55	394727.07	39.10	Soil	9,600	-1.34
08/31/2021	16:12:55	78797.66	394727.20	39.07	Soil	9,240	-1.59
08/31/2021	16:12:56	78797.70	394727.49	39.02	Soil	10,500	-0.71
08/31/2021	16:12:57	78797.61	394727.35	39.07	Soil	10,680	-0.58
08/31/2021	16:12:58	78797.55	394727.01	39.04	Soil	9,420	-1.47
08/31/2021	16:12:59	78797.70	394727.14	39.04	Soil	9,360	-1.51
08/31/2021	16:13:00	78797.90	394727.45	38.98	Soil	11,160	-0.25
08/31/2021	16:13:01	78797.91	394727.42	39.00	Soil	10,620	-0.62
08/31/2021	16:13:02	78797.81	394727.14	39.02	Soil	11,520	0.01
08/31/2021	16:13:03	78797.82	394727.08	39.13	Soil	9,540	-1.38
08/31/2021	16:13:04	78797.84	394727.16	39.07	Soil	11,460	-0.04
08/31/2021	16:13:05	78797.76	394727.15	39.04	Soil	10,800	-0.50
08/31/2021	16:13:06	78797.81	394727.22	39.03	Soil	11,040	-0.33
08/31/2021	16:13:07	78798.06	394727.45	38.95	Soil	10,680	-0.58
08/31/2021	16:13:08	78798.04	394727.38	38.98	Soil	10,740	-0.54
08/31/2021	16:13:09	78797.89	394727.07	39.00	Soil	9,960	-1.09
08/31/2021	16:13:10	78797.95	394727.12	39.05	Soil	10,380	-0.79
08/31/2021	16:13:11	78798.16	394727.37	39.06	Soil	10,740	-0.54
08/31/2021	16:13:12	78798.27	394727.24	39.07	Soil	11,100	-0.29
08/31/2021	16:13:13	78798.26	394726.89	39.01	Soil	9,960	-1.09
08/31/2021	16:13:14	78798.27	394727.06	39.03	Soil	9,900	-1.13
08/31/2021	16:13:15	78798.27	394727.41	38.97	Soil	9,900	-1.13
08/31/2021	16:13:16	78798.27	394727.19	38.87	Soil	10,860	-0.46
08/31/2021	16:13:17	78798.31	394726.88	38.92	Soil	10,320	-0.84
08/31/2021	16:13:18	78798.48	394727.07	38.89	Soil	10,140	-0.96
08/31/2021	16:13:19	78798.56	394727.07	38.83	Soil	11,580	0.05
08/31/2021	16:13:20	78798.52	394726.73	38.83	Soil	10,980	-0.37
08/31/2021	16:13:21	78798.54	394726.93	38.84	Soil	11,100	-0.29
08/31/2021	16:13:22	78798.68	394727.40	38.77	Soil	10,980	-0.37
08/31/2021	16:13:23	78798.83	394727.45	38.74	Soil	11,280	-0.16
08/31/2021	16:13:24	78798.77	394727.00	38.78	Soil	9,540	-1.38
08/31/2021	16:13:25	78798.72	394726.98	38.78	Soil	10,560	-0.67
08/31/2021	16:13:26	78798.92	394727.29	38.78	Soil	11,400	-0.08

SU 7D GWS RESULTS
(SOIL)

08/31/2021	16:13:27	78799.04	394727.24	38.80	Soil	11,160	-0.25
08/31/2021	16:13:28	78798.96	394726.81	38.82	Soil	9,000	-1.76
08/31/2021	16:13:29	78799.03	394726.89	38.83	Soil	9,900	-1.13
08/31/2021	16:13:30	78799.08	394727.15	38.81	Soil	9,840	-1.17
08/31/2021	16:13:31	78798.85	394726.88	38.93	Soil	11,100	-0.29
08/31/2021	16:13:32	78798.67	394726.60	38.86	Soil	10,200	-0.92
08/31/2021	16:13:33	78798.91	394726.76	38.91	Soil	11,760	0.18
08/31/2021	16:13:34	78799.08	394726.58	38.93	Soil	11,280	-0.16
08/31/2021	16:13:35	78799.09	394726.37	38.95	Soil	11,340	-0.12
08/31/2021	16:13:36	78799.19	394726.56	39.03	Soil	10,380	-0.79
08/31/2021	16:13:37	78799.26	394726.58	39.23	Soil	10,440	-0.75
08/31/2021	16:13:38	78799.18	394726.40	39.24	Soil	13,200	1.19
08/31/2021	16:13:39	78798.98	394726.42	39.07	Soil	10,140	-0.96
08/31/2021	16:13:40	78798.73	394726.72	39.01	Soil	10,200	-0.92
08/31/2021	16:13:41	78798.49	394726.85	38.94	Soil	10,980	-0.37
08/31/2021	16:13:42	78798.26	394726.83	38.96	Soil	10,080	-1.00
08/31/2021	16:13:43	78798.05	394727.08	38.94	Soil	9,180	-1.64
08/31/2021	16:13:44	78797.90	394727.19	38.91	Soil	9,840	-1.17
08/31/2021	16:13:45	78797.83	394727.05	38.83	Soil	10,980	-0.37
08/31/2021	16:13:46	78797.95	394727.07	38.83	Soil	10,620	-0.62
08/31/2021	16:13:47	78798.04	394727.29	38.86	Soil	9,900	-1.13
08/31/2021	16:13:48	78797.92	394727.16	38.86	Soil	11,460	-0.04
08/31/2021	16:13:49	78797.81	394727.02	38.83	Soil	10,080	-1.00
08/31/2021	16:13:50	78797.90	394727.28	38.79	Soil	11,700	0.13
08/31/2021	16:13:51	78797.95	394727.50	38.75	Soil	10,920	-0.41
08/31/2021	16:13:52	78797.79	394727.29	38.74	Soil	10,980	-0.37
08/31/2021	16:13:53	78797.64	394727.11	38.72	Soil	11,220	-0.20
08/31/2021	16:13:54	78797.66	394727.32	38.73	Soil	11,580	0.05
08/31/2021	16:13:55	78797.75	394727.54	38.73	Soil	10,440	-0.75
08/31/2021	16:13:56	78797.63	394727.28	38.69	Soil	11,280	-0.16
08/31/2021	16:13:57	78797.45	394727.10	38.66	Soil	8,640	-2.01
08/31/2021	16:13:58	78797.44	394727.40	38.73	Soil	11,400	-0.08
08/31/2021	16:13:59	78797.36	394727.57	38.66	Soil	11,400	-0.08
08/31/2021	16:14:00	78797.11	394727.33	38.61	Soil	11,160	-0.25
08/31/2021	16:14:01	78797.03	394727.33	38.58	Soil	11,580	0.05
08/31/2021	16:14:02	78797.10	394727.67	38.52	Soil	9,540	-1.38
08/31/2021	16:14:03	78797.00	394727.71	38.51	Soil	10,680	-0.58
08/31/2021	16:14:04	78796.85	394727.36	38.51	Soil	10,800	-0.50
08/31/2021	16:14:05	78796.93	394727.31	38.50	Soil	10,860	-0.46
08/31/2021	16:14:06	78797.01	394727.58	38.55	Soil	10,320	-0.84
08/31/2021	16:14:07	78796.85	394727.52	38.54	Soil	10,080	-1.00
08/31/2021	16:14:08	78796.68	394727.27	38.53	Soil	9,240	-1.59
08/31/2021	16:14:09	78796.74	394727.26	38.55	Soil	10,680	-0.58
08/31/2021	16:14:10	78796.93	394727.65	38.55	Soil	11,640	0.09
08/31/2021	16:14:11	78796.96	394727.73	38.54	Soil	14,220	1.90
08/31/2021	16:14:12	78796.90	394727.50	38.57	Soil	11,580	0.05
08/31/2021	16:14:13	78796.91	394727.48	38.58	Soil	11,700	0.13
08/31/2021	16:14:14	78796.90	394727.67	38.61	Soil	11,040	-0.33
08/31/2021	16:14:15	78796.86	394727.83	38.55	Soil	10,800	-0.50
08/31/2021	16:14:16	78796.90	394727.76	38.48	Soil	11,340	-0.12
08/31/2021	16:14:17	78796.94	394727.57	38.52	Soil	11,100	-0.29

SU 7D GWS RESULTS
(SOIL)

08/31/2021	16:14:18	78797.01	394727.48	38.56	Soil	10,140	-0.96
08/31/2021	16:14:19	78797.09	394727.33	38.63	Soil	10,800	-0.50
08/31/2021	16:14:20	78797.07	394727.22	38.65	Soil	11,640	0.09
08/31/2021	16:14:21	78796.93	394727.15	38.67	Soil	10,020	-1.05
08/31/2021	16:14:22	78796.91	394727.50	38.63	Soil	10,800	-0.50
08/31/2021	16:14:23	78796.98	394727.76	38.56	Soil	11,040	-0.33
08/31/2021	16:14:24	78797.02	394727.71	38.57	Soil	11,820	0.22
08/31/2021	16:14:25	78796.93	394727.69	38.65	Soil	11,220	-0.20
08/31/2021	16:14:26	78796.80	394727.62	38.66	Soil	10,800	-0.50
08/31/2021	16:14:27	78796.96	394727.66	38.80	Soil	11,160	-0.25
08/31/2021	16:14:28	78797.29	394727.78	38.84	Soil	10,620	-0.62
08/31/2021	16:14:29	78797.15	394727.56	38.79	Soil	11,160	-0.25
08/31/2021	16:14:30	78796.82	394727.26	38.74	Soil	10,980	-0.37
08/31/2021	16:14:31	78796.97	394727.21	38.83	Soil	9,600	-1.34
08/31/2021	16:14:32	78797.42	394727.27	38.96	Soil	10,680	-0.58
08/31/2021	16:14:33	78797.53	394727.16	39.32	Soil	10,860	-0.46
08/31/2021	16:14:34	78797.49	394727.03	39.41	Soil	10,680	-0.58
08/31/2021	16:14:35	78797.49	394727.07	39.43	Soil	11,400	-0.08
08/31/2021	16:14:36	78797.42	394727.05	39.40	Soil	10,080	-1.00
08/31/2021	16:14:37	78797.45	394727.04	39.42	Soil	10,680	-0.58
08/31/2021	16:14:38	78797.48	394727.06	39.39	Soil	9,420	-1.47
08/31/2021	16:14:39	78797.45	394727.03	39.41	Soil	11,760	0.18
08/31/2021	16:14:40	78797.48	394727.04	39.40	Soil	9,900	-1.13
08/31/2021	16:14:41	78797.47	394727.02	39.40	Soil	10,200	-0.92
08/31/2021	16:14:42	78797.48	394727.03	39.42	Soil	10,920	-0.41
08/31/2021	16:14:43	78797.48	394727.03	39.41	Soil	10,020	-1.05
08/31/2021	16:14:44	78797.48	394727.01	39.43	Soil	10,620	-0.62
08/31/2021	16:14:45	78797.50	394727.03	39.40	Soil	10,920	-0.41
08/31/2021	16:14:46	78797.49	394727.00	39.40	Soil	10,200	-0.92
08/31/2021	16:14:47	78797.51	394727.01	39.39	Soil	9,840	-1.17
08/31/2021	16:14:48	78797.52	394727.00	39.38	Soil	10,740	-0.54
08/31/2021	16:14:49	78797.51	394727.01	39.38	Soil	10,140	-0.96
08/31/2021	16:14:50	78797.51	394727.00	39.37	Soil	8,700	-1.97
08/31/2021	16:14:51	78797.50	394727.02	39.36	Soil	11,280	-0.16
08/31/2021	16:14:52	78797.49	394727.02	39.33	Soil	10,800	-0.50
08/31/2021	16:14:53	78797.50	394727.02	39.34	Soil	11,880	0.26
08/31/2021	16:14:54	78797.51	394727.03	39.31	Soil	11,460	-0.04
08/31/2021	16:14:55	78797.50	394727.01	39.31	Soil	9,720	-1.26
08/31/2021	16:14:56	78797.52	394727.02	39.31	Soil	10,380	-0.79
08/31/2021	16:14:57	78797.48	394726.92	39.36	Soil	12,180	0.47
08/31/2021	16:14:58	78797.43	394726.76	39.38	Soil	10,020	-1.05
08/31/2021	16:14:59	78797.37	394726.59	39.39	Soil	10,620	-0.62
08/31/2021	16:15:00	78797.32	394726.41	39.43	Soil	9,600	-1.34
08/31/2021	16:15:01	78797.28	394726.28	39.44	Soil	11,520	0.01
08/31/2021	16:15:02	78797.28	394726.26	39.45	Soil	9,540	-1.38
08/31/2021	16:15:03	78797.28	394726.29	39.31	Soil	9,960	-1.09
08/31/2021	16:15:04	78797.26	394726.29	39.04	Soil	10,860	-0.46
08/31/2021	16:15:05	78797.22	394726.42	38.85	Soil	11,460	-0.04
08/31/2021	16:15:06	78797.16	394726.49	38.86	Soil	9,960	-1.09
08/31/2021	16:15:07	78797.12	394726.46	38.78	Soil	10,740	-0.54
08/31/2021	16:15:08	78797.11	394726.45	38.82	Soil	11,040	-0.33

SU 7D GWS RESULTS
(SOIL)

08/31/2021	16:15:09	78797.13	394726.41	38.89	Soil	9,420	-1.47
08/31/2021	16:15:10	78797.27	394726.32	38.86	Soil	8,940	-1.80
08/31/2021	16:15:11	78797.36	394726.32	38.99	Soil	9,540	-1.38
08/31/2021	16:15:12	78797.31	394726.36	38.98	Soil	8,520	-2.10
08/31/2021	16:15:13	78797.33	394726.32	38.92	Soil	9,360	-1.51
08/31/2021	16:15:14	78797.39	394726.34	38.81	Soil	11,100	-0.29
08/31/2021	16:15:15	78797.35	394726.47	38.85	Soil	10,260	-0.88
08/31/2021	16:15:16	78797.22	394726.44	38.63	Soil	10,860	-0.46
08/31/2021	16:15:17	78797.23	394726.38	38.59	Soil	10,680	-0.58
08/31/2021	16:15:18	78797.32	394726.58	38.66	Soil	9,300	-1.55
08/31/2021	16:15:19	78797.40	394726.88	38.73	Soil	10,320	-0.84
08/31/2021	16:15:20	78797.45	394726.81	38.79	Soil	11,700	0.13
08/31/2021	16:15:21	78797.34	394726.45	38.79	Soil	12,000	0.34
08/31/2021	16:15:22	78797.31	394726.50	38.79	Soil	9,600	-1.34
08/31/2021	16:15:23	78797.46	394726.89	38.79	Soil	10,740	-0.54
08/31/2021	16:15:24	78797.52	394726.80	38.87	Soil	10,560	-0.67
08/31/2021	16:15:25	78797.41	394726.34	38.90	Soil	10,200	-0.92
08/31/2021	16:15:26	78797.45	394726.32	38.97	Soil	9,960	-1.09
08/31/2021	16:15:27	78797.64	394726.72	38.99	Soil	11,100	-0.29
08/31/2021	16:15:28	78797.67	394726.67	38.99	Soil	10,440	-0.75
08/31/2021	16:15:29	78797.54	394726.22	38.94	Soil	10,440	-0.75
08/31/2021	16:15:30	78797.59	394726.18	38.95	Soil	10,020	-1.05
08/31/2021	16:15:31	78797.73	394726.56	38.94	Soil	7,980	-2.48
08/31/2021	16:15:32	78797.85	394726.65	38.88	Soil	11,880	0.26
08/31/2021	16:15:33	78797.82	394726.37	38.89	Soil	11,040	-0.33
08/31/2021	16:15:34	78797.81	394726.35	38.88	Soil	10,020	-1.05
08/31/2021	16:15:35	78798.03	394726.66	38.86	Soil	9,420	-1.47
08/31/2021	16:15:36	78798.03	394726.67	38.80	Soil	9,600	-1.34
08/31/2021	16:15:37	78797.84	394726.42	38.78	Soil	11,640	0.09
08/31/2021	16:15:38	78797.90	394726.57	38.77	Soil	9,720	-1.26
08/31/2021	16:15:39	78798.11	394726.85	38.70	Soil	10,140	-0.96
08/31/2021	16:15:40	78798.01	394726.55	38.67	Soil	12,120	0.43
08/31/2021	16:15:41	78797.90	394726.21	38.70	Soil	9,060	-1.72
08/31/2021	16:15:42	78798.07	394726.28	38.71	Soil	9,900	-1.13
08/31/2021	16:15:43	78798.16	394726.28	38.64	Soil	10,680	-0.58
08/31/2021	16:15:44	78798.16	394726.12	38.76	Soil	9,780	-1.21
08/31/2021	16:15:45	78798.19	394726.09	38.76	Soil	10,440	-0.75
08/31/2021	16:15:46	78798.36	394726.34	38.77	Soil	9,780	-1.21
08/31/2021	16:15:47	78798.43	394726.63	38.65	Soil	10,560	-0.67
08/31/2021	16:15:48	78798.29	394726.38	38.68	Soil	11,400	-0.08
08/31/2021	16:15:49	78798.20	394726.06	38.69	Soil	9,540	-1.38
08/31/2021	16:15:50	78798.31	394726.08	38.73	Soil	10,200	-0.92
08/31/2021	16:15:51	78798.39	394726.41	38.75	Soil	11,460	-0.04
08/31/2021	16:15:52	78798.60	394726.62	38.71	Soil	10,920	-0.41
08/31/2021	16:15:53	78798.57	394726.52	38.76	Soil	10,620	-0.62
08/31/2021	16:15:54	78798.57	394726.27	38.81	Soil	10,620	-0.62
08/31/2021	16:15:55	78798.44	394726.02	38.80	Soil	10,500	-0.71
08/31/2021	16:15:56	78798.35	394725.97	38.84	Soil	11,040	-0.33
08/31/2021	16:15:57	78798.49	394726.29	38.95	Soil	9,300	-1.55
08/31/2021	16:15:58	78798.47	394726.30	38.92	Soil	9,360	-1.51
08/31/2021	16:15:59	78798.22	394726.04	38.87	Soil	11,640	0.09

SU 7D GWS RESULTS
(SOIL)

08/31/2021	16:16:00	78798.20	394726.03	38.88	Soil	11,340	-0.12
08/31/2021	16:16:01	78798.45	394726.30	38.88	Soil	11,160	-0.25
08/31/2021	16:16:02	78798.54	394726.28	38.88	Soil	11,580	0.05
08/31/2021	16:16:03	78798.35	394726.06	38.88	Soil	10,560	-0.67
08/31/2021	16:16:04	78798.36	394726.00	38.96	Soil	10,860	-0.46
08/31/2021	16:16:05	78798.55	394726.11	39.00	Soil	11,340	-0.12
08/31/2021	16:16:06	78798.74	394726.14	39.08	Soil	11,280	-0.16
08/31/2021	16:16:07	78798.69	394726.04	39.05	Soil	11,280	-0.16
08/31/2021	16:16:08	78798.49	394725.98	38.96	Soil	12,000	0.34
08/31/2021	16:16:09	78798.40	394725.87	38.98	Soil	10,920	-0.41
08/31/2021	16:16:10	78798.44	394725.85	38.98	Soil	10,380	-0.79
08/31/2021	16:16:11	78798.23	394725.96	38.91	Soil	13,140	1.14
08/31/2021	16:16:12	78797.95	394725.94	38.90	Soil	10,800	-0.50
08/31/2021	16:16:13	78798.04	394725.91	38.97	Soil	9,900	-1.13
08/31/2021	16:16:14	78798.09	394725.94	38.92	Soil	9,960	-1.09
08/31/2021	16:16:15	78797.75	394726.01	38.90	Soil	11,280	-0.16
08/31/2021	16:16:16	78797.65	394726.05	38.91	Soil	10,020	-1.05
08/31/2021	16:16:17	78797.72	394726.07	38.91	Soil	10,140	-0.96
08/31/2021	16:16:18	78797.40	394726.22	38.74	Soil	9,180	-1.64
08/31/2021	16:16:19	78797.19	394726.33	38.72	Soil	11,400	-0.08
08/31/2021	16:16:20	78797.37	394726.36	38.75	Soil	9,540	-1.38
08/31/2021	16:16:21	78797.56	394726.58	38.71	Soil	11,040	-0.33
08/31/2021	16:16:22	78797.55	394726.63	38.63	Soil	9,720	-1.26
08/31/2021	16:16:23	78797.33	394726.27	38.61	Soil	9,360	-1.51
08/31/2021	16:16:24	78797.23	394726.22	38.63	Soil	9,360	-1.51
08/31/2021	16:16:25	78797.36	394726.62	38.67	Soil	10,140	-0.96
08/31/2021	16:16:26	78797.47	394726.80	38.65	Soil	11,880	0.26
08/31/2021	16:16:27	78797.27	394726.47	38.70	Soil	11,220	-0.20
08/31/2021	16:16:28	78796.96	394726.13	38.68	Soil	10,500	-0.71
08/31/2021	16:16:29	78797.04	394726.50	38.77	Soil	10,920	-0.41
08/31/2021	16:16:30	78797.28	394726.88	38.73	Soil	9,480	-1.42
08/31/2021	16:16:31	78797.22	394726.55	38.69	Soil	11,160	-0.25
08/31/2021	16:16:32	78797.01	394726.25	38.70	Soil	10,500	-0.71
08/31/2021	16:16:33	78797.09	394726.60	38.77	Soil	11,280	-0.16
08/31/2021	16:16:34	78797.28	394726.89	38.73	Soil	10,920	-0.41
08/31/2021	16:16:35	78797.21	394726.52	38.66	Soil	10,980	-0.37
08/31/2021	16:16:36	78797.10	394726.19	38.64	Soil	10,200	-0.92
08/31/2021	16:16:37	78797.12	394726.24	38.63	Soil	10,140	-0.96
08/31/2021	16:16:38	78797.10	394726.22	38.64	Soil	10,620	-0.62
08/31/2021	16:16:39	78797.11	394726.22	38.67	Soil	9,720	-1.26
08/31/2021	16:16:40	78797.21	394726.29	38.68	Soil	9,360	-1.51
08/31/2021	16:16:41	78797.37	394726.55	38.72	Soil	9,540	-1.38
08/31/2021	16:16:42	78797.56	394726.79	38.73	Soil	10,020	-1.05
08/31/2021	16:16:43	78797.55	394726.68	38.74	Soil	10,740	-0.54
08/31/2021	16:16:44	78797.50	394726.36	38.82	Soil	10,560	-0.67
08/31/2021	16:16:45	78797.57	394726.22	38.90	Soil	9,900	-1.13
08/31/2021	16:16:46	78797.64	394726.30	38.88	Soil	9,720	-1.26
08/31/2021	16:16:47	78797.54	394726.38	38.74	Soil	9,360	-1.51
08/31/2021	16:16:48	78797.44	394726.33	38.71	Soil	10,380	-0.79
08/31/2021	16:16:49	78797.51	394726.45	38.73	Soil	10,200	-0.92
08/31/2021	16:16:50	78797.74	394726.69	38.85	Soil	10,500	-0.71

SU 7D GWS RESULTS
(SOIL)

08/31/2021	16:16:51	78797.86	394726.41	38.77	Soil	10,320	-0.84
08/31/2021	16:16:52	78797.76	394726.07	38.82	Soil	10,920	-0.41
08/31/2021	16:16:53	78797.72	394726.05	38.87	Soil	10,500	-0.71
08/31/2021	16:16:54	78797.74	394726.10	38.98	Soil	8,400	-2.18
08/31/2021	16:16:55	78797.74	394726.06	38.92	Soil	10,380	-0.79
08/31/2021	16:16:56	78797.72	394726.06	38.94	Soil	11,040	-0.33
08/31/2021	16:16:57	78797.73	394726.09	38.94	Soil	12,480	0.68
08/31/2021	16:16:58	78797.73	394726.07	38.94	Soil	10,320	-0.84
08/31/2021	16:16:59	78797.73	394726.07	38.96	Soil	11,400	-0.08
08/31/2021	16:17:00	78797.71	394725.98	38.95	Soil	10,680	-0.58
08/31/2021	16:17:01	78797.64	394725.79	39.00	Soil	9,660	-1.30
08/31/2021	16:17:02	78797.61	394725.65	39.03	Soil	10,380	-0.79
08/31/2021	16:17:03	78797.55	394725.47	39.03	Soil	10,200	-0.92
08/31/2021	16:17:04	78797.51	394725.40	38.99	Soil	10,200	-0.92
08/31/2021	16:17:05	78797.54	394725.55	38.97	Soil	9,540	-1.38
08/31/2021	16:17:06	78797.45	394725.63	38.75	Soil	12,060	0.39
08/31/2021	16:17:07	78797.36	394725.67	38.66	Soil	9,180	-1.64
08/31/2021	16:17:08	78797.39	394725.89	38.67	Soil	9,780	-1.21
08/31/2021	16:17:09	78797.48	394726.18	38.70	Soil	10,560	-0.67
08/31/2021	16:17:10	78797.51	394725.94	38.67	Soil	12,060	0.39
08/31/2021	16:17:11	78797.45	394725.56	38.65	Soil	10,320	-0.84
08/31/2021	16:17:12	78797.50	394725.79	38.77	Soil	10,200	-0.92
08/31/2021	16:17:13	78797.59	394726.20	38.72	Soil	10,500	-0.71
08/31/2021	16:17:14	78797.57	394726.11	38.67	Soil	10,140	-0.96
08/31/2021	16:17:15	78797.32	394725.68	38.60	Soil	10,680	-0.58
08/31/2021	16:17:16	78797.23	394725.71	38.59	Soil	9,660	-1.30
08/31/2021	16:17:17	78797.26	394726.17	38.56	Soil	9,000	-1.76
08/31/2021	16:17:18	78797.29	394726.24	38.52	Soil	11,040	-0.33
08/31/2021	16:17:19	78797.17	394725.76	38.53	Soil	10,380	-0.79
08/31/2021	16:17:20	78797.11	394725.64	38.55	Soil	10,980	-0.37
08/31/2021	16:17:21	78797.22	394725.96	38.56	Soil	10,620	-0.62
08/31/2021	16:17:22	78797.10	394725.97	38.53	Soil	10,380	-0.79
08/31/2021	16:17:23	78796.84	394725.72	38.47	Soil	10,020	-1.05
08/31/2021	16:17:24	78796.92	394725.89	38.51	Soil	10,680	-0.58
08/31/2021	16:17:25	78797.08	394726.33	38.47	Soil	9,960	-1.09
08/31/2021	16:17:26	78797.01	394726.25	38.48	Soil	10,680	-0.58
08/31/2021	16:17:27	78796.89	394725.91	38.41	Soil	10,260	-0.88
08/31/2021	16:17:28	78796.89	394725.93	38.46	Soil	10,800	-0.50
08/31/2021	16:17:29	78797.00	394726.31	38.45	Soil	9,720	-1.26
08/31/2021	16:17:30	78796.91	394726.28	38.45	Soil	10,620	-0.62
08/31/2021	16:17:31	78796.63	394725.89	38.44	Soil	11,460	-0.04
08/31/2021	16:17:32	78796.59	394725.74	38.46	Soil	10,440	-0.75
08/31/2021	16:17:33	78796.76	394726.14	38.45	Soil	11,460	-0.04
08/31/2021	16:17:34	78796.86	394726.23	38.44	Soil	10,920	-0.41
08/31/2021	16:17:35	78796.77	394725.87	38.52	Soil	9,900	-1.13
08/31/2021	16:17:36	78796.77	394725.64	38.53	Soil	10,560	-0.67
08/31/2021	16:17:37	78797.03	394725.81	38.56	Soil	10,740	-0.54
08/31/2021	16:17:38	78797.24	394725.99	38.53	Soil	10,500	-0.71
08/31/2021	16:17:39	78797.28	394725.91	38.58	Soil	10,740	-0.54
08/31/2021	16:17:40	78797.30	394725.68	38.59	Soil	10,440	-0.75
08/31/2021	16:17:41	78797.34	394725.91	38.54	Soil	10,320	-0.84

SU 7D GWS RESULTS
(SOIL)

08/31/2021	16:17:42	78797.43	394726.28	38.58	Soil	10,560	-0.67
08/31/2021	16:17:43	78797.53	394726.34	38.65	Soil	10,020	-1.05
08/31/2021	16:17:44	78797.50	394726.04	38.61	Soil	9,840	-1.17
08/31/2021	16:17:45	78797.41	394726.01	38.60	Soil	9,060	-1.72
08/31/2021	16:17:46	78797.52	394726.35	38.56	Soil	10,920	-0.41
08/31/2021	16:17:47	78797.60	394726.31	38.60	Soil	10,320	-0.84
08/31/2021	16:17:48	78797.45	394725.86	38.60	Soil	10,200	-0.92
08/31/2021	16:17:49	78797.47	394725.63	38.64	Soil	10,080	-1.00
08/31/2021	16:17:50	78797.48	394725.74	38.69	Soil	11,100	-0.29
08/31/2021	16:17:51	78797.54	394725.82	38.66	Soil	10,500	-0.71
08/31/2021	16:17:52	78797.63	394725.72	38.66	Soil	9,660	-1.30
08/31/2021	16:17:53	78797.57	394725.91	38.60	Soil	10,440	-0.75
08/31/2021	16:17:54	78797.48	394726.19	38.64	Soil	9,420	-1.47
08/31/2021	16:17:55	78797.57	394725.98	38.63	Soil	11,460	-0.04
08/31/2021	16:17:56	78797.70	394725.83	38.68	Soil	9,180	-1.64
08/31/2021	16:17:57	78797.69	394726.11	38.72	Soil	9,420	-1.47
08/31/2021	16:17:58	78797.57	394726.08	38.69	Soil	10,320	-0.84
08/31/2021	16:17:59	78797.51	394725.68	38.69	Soil	10,920	-0.41
08/31/2021	16:18:00	78797.63	394725.78	38.73	Soil	10,680	-0.58
08/31/2021	16:18:01	78797.86	394726.12	38.71	Soil	9,540	-1.38
08/31/2021	16:18:02	78797.76	394726.08	38.70	Soil	11,280	-0.16
08/31/2021	16:18:03	78797.56	394725.73	38.72	Soil	10,380	-0.79
08/31/2021	16:18:04	78797.49	394725.82	38.83	Soil	10,080	-1.00
08/31/2021	16:18:05	78797.74	394726.22	38.80	Soil	10,200	-0.92
08/31/2021	16:18:06	78797.88	394726.14	38.75	Soil	11,220	-0.20
08/31/2021	16:18:07	78797.74	394725.63	38.73	Soil	9,240	-1.59
08/31/2021	16:18:08	78797.79	394725.62	38.80	Soil	11,400	-0.08
08/31/2021	16:18:09	78797.94	394726.10	38.90	Soil	10,320	-0.84
08/31/2021	16:18:10	78798.07	394726.27	38.85	Soil	11,340	-0.12
08/31/2021	16:18:11	78797.98	394725.96	38.85	Soil	10,620	-0.62
08/31/2021	16:18:12	78797.89	394725.54	38.86	Soil	10,920	-0.41
08/31/2021	16:18:13	78798.00	394725.80	38.90	Soil	11,280	-0.16
08/31/2021	16:18:14	78798.10	394726.27	38.84	Soil	11,220	-0.20
08/31/2021	16:18:15	78798.08	394726.00	38.83	Soil	9,840	-1.17
08/31/2021	16:18:16	78797.92	394725.48	38.90	Soil	9,960	-1.09
08/31/2021	16:18:17	78797.95	394725.53	38.93	Soil	9,780	-1.21
08/31/2021	16:18:18	78798.00	394725.90	38.90	Soil	11,520	0.01
08/31/2021	16:18:19	78798.01	394725.71	38.88	Soil	10,620	-0.62
08/31/2021	16:18:20	78797.98	394725.36	38.83	Soil	10,140	-0.96
08/31/2021	16:18:21	78797.90	394725.48	38.78	Soil	9,000	-1.76
08/31/2021	16:18:22	78797.78	394725.56	38.81	Soil	10,680	-0.58
08/31/2021	16:18:23	78797.90	394725.56	38.81	Soil	9,300	-1.55
08/31/2021	16:18:24	78797.93	394725.53	38.89	Soil	10,080	-1.00
08/31/2021	16:18:25	78797.95	394725.51	38.85	Soil	11,160	-0.25
08/31/2021	16:18:26	78797.93	394725.48	38.86	Soil	11,160	-0.25
08/31/2021	16:18:27	78797.91	394725.49	38.96	Soil	10,680	-0.58
08/31/2021	16:18:28	78797.94	394725.62	39.00	Soil	10,260	-0.88
08/31/2021	16:18:29	78797.95	394725.62	38.87	Soil	11,220	-0.20
08/31/2021	16:18:30	78797.98	394725.49	38.84	Soil	9,840	-1.17
08/31/2021	16:18:31	78798.00	394725.46	38.86	Soil	11,340	-0.12
08/31/2021	16:18:32	78798.05	394725.45	38.96	Soil	10,740	-0.54

SU 7D GWS RESULTS
(SOIL)

08/31/2021	16:18:33	78798.10	394725.39	39.09	Soil	12,060	0.39
08/31/2021	16:18:34	78798.11	394725.36	39.01	Soil	11,640	0.09
08/31/2021	16:18:35	78798.02	394725.34	38.98	Soil	11,220	-0.20
08/31/2021	16:18:36	78798.00	394725.50	38.93	Soil	10,860	-0.46
08/31/2021	16:18:37	78798.18	394725.88	38.97	Soil	9,120	-1.68
08/31/2021	16:18:38	78798.25	394725.62	38.97	Soil	10,380	-0.79
08/31/2021	16:18:39	78798.18	394725.29	38.99	Soil	9,000	-1.76
08/31/2021	16:18:40	78798.25	394725.48	38.96	Soil	10,380	-0.79
08/31/2021	16:18:41	78798.46	394725.75	38.96	Soil	9,300	-1.55
08/31/2021	16:18:42	78798.50	394725.54	38.98	Soil	12,060	0.39
08/31/2021	16:18:43	78798.30	394725.40	38.91	Soil	9,660	-1.30
08/31/2021	16:18:44	78798.19	394725.67	38.93	Soil	10,980	-0.37
08/31/2021	16:18:45	78798.40	394726.00	38.92	Soil	9,960	-1.09
08/31/2021	16:18:46	78798.33	394725.78	38.89	Soil	10,080	-1.00
08/31/2021	16:18:47	78797.99	394725.33	38.88	Soil	10,500	-0.71
08/31/2021	16:18:48	78798.02	394725.53	38.86	Soil	10,080	-1.00
08/31/2021	16:18:49	78798.10	394726.08	38.85	Soil	10,200	-0.92
08/31/2021	16:18:50	78797.95	394725.78	38.76	Soil	9,900	-1.13
08/31/2021	16:18:51	78797.89	394725.42	38.78	Soil	10,800	-0.50
08/31/2021	16:18:52	78797.92	394725.54	38.83	Soil	10,260	-0.88
08/31/2021	16:18:53	78797.79	394725.60	38.83	Soil	10,740	-0.54
08/31/2021	16:18:54	78797.66	394725.64	38.79	Soil	11,940	0.30
08/31/2021	16:18:55	78797.88	394725.55	38.92	Soil	11,040	-0.33
08/31/2021	16:18:56	78798.17	394725.45	38.86	Soil	9,540	-1.38
08/31/2021	16:18:57	78797.95	394725.58	38.77	Soil	10,020	-1.05
08/31/2021	16:18:58	78797.69	394725.71	38.74	Soil	11,400	-0.08
08/31/2021	16:18:59	78797.78	394725.63	38.81	Soil	10,320	-0.84
08/31/2021	16:19:00	78797.77	394725.67	38.82	Soil	10,740	-0.54
08/31/2021	16:19:01	78797.56	394725.78	38.75	Soil	10,320	-0.84
08/31/2021	16:19:02	78797.53	394725.71	38.74	Soil	9,780	-1.21
08/31/2021	16:19:03	78797.49	394725.64	38.72	Soil	9,660	-1.30
08/31/2021	16:19:04	78797.21	394725.80	38.63	Soil	10,680	-0.58
08/31/2021	16:19:05	78797.00	394725.90	38.54	Soil	10,800	-0.50
08/31/2021	16:19:06	78797.12	394725.78	38.63	Soil	10,800	-0.50
08/31/2021	16:19:07	78797.24	394725.65	38.69	Soil	10,200	-0.92
08/31/2021	16:19:08	78797.34	394725.75	38.63	Soil	10,080	-1.00
08/31/2021	16:19:09	78797.29	394726.02	38.65	Soil	9,720	-1.26
08/31/2021	16:19:10	78797.31	394726.14	38.68	Soil	10,440	-0.75
08/31/2021	16:19:11	78797.33	394725.97	38.70	Soil	10,680	-0.58
08/31/2021	16:19:12	78797.09	394725.73	38.64	Soil	8,820	-1.89
08/31/2021	16:19:13	78796.86	394725.86	38.61	Soil	10,860	-0.46
08/31/2021	16:19:14	78796.95	394726.11	38.61	Soil	9,900	-1.13
08/31/2021	16:19:15	78797.04	394726.06	38.63	Soil	10,500	-0.71
08/31/2021	16:19:16	78796.85	394725.82	38.58	Soil	10,740	-0.54
08/31/2021	16:19:17	78796.79	394725.85	38.62	Soil	10,920	-0.41
08/31/2021	16:19:18	78796.98	394726.14	38.53	Soil	10,620	-0.62
08/31/2021	16:19:19	78797.12	394726.26	38.50	Soil	9,780	-1.21
08/31/2021	16:19:20	78797.03	394726.12	38.60	Soil	9,480	-1.42
08/31/2021	16:19:21	78796.87	394726.05	38.55	Soil	9,420	-1.47
08/31/2021	16:19:22	78796.76	394726.06	38.61	Soil	10,260	-0.88
08/31/2021	16:19:23	78796.94	394726.47	38.59	Soil	10,800	-0.50

SU 7D GWS RESULTS
(SOIL)

08/31/2021	16:19:24	78797.16	394726.55	38.56	Soil	10,320	-0.84
08/31/2021	16:19:25	78797.05	394726.22	38.60	Soil	11,520	0.01
08/31/2021	16:19:26	78797.13	394726.09	38.87	Soil	10,320	-0.84
08/31/2021	16:19:27	78797.27	394725.93	38.92	Soil	11,580	0.05
08/31/2021	16:19:28	78797.23	394725.66	39.18	Soil	8,640	-2.01
08/31/2021	16:19:29	78797.18	394725.67	39.54	Soil	9,000	-1.76
08/31/2021	16:19:30	78797.26	394725.70	39.72	Soil	10,020	-1.05
08/31/2021	16:19:31	78797.31	394725.59	39.92	Soil	10,260	-0.88
08/31/2021	16:19:32	78797.33	394725.65	39.89	Soil	10,860	-0.46
08/31/2021	16:19:33	78797.38	394725.61	39.88	Soil	12,420	0.64
08/31/2021	16:19:34	78797.36	394725.65	39.86	Soil	9,540	-1.38
08/31/2021	16:19:35	78797.37	394725.64	39.85	Soil	10,860	-0.46
08/31/2021	16:19:36	78797.44	394725.59	39.82	Soil	11,160	-0.25
08/31/2021	16:19:37	78797.47	394725.56	39.81	Soil	9,120	-1.68
08/31/2021	16:19:38	78797.46	394725.59	39.79	Soil	10,320	-0.84
08/31/2021	16:19:39	78797.46	394725.58	39.79	Soil	10,740	-0.54
08/31/2021	16:19:40	78797.49	394725.54	39.79	Soil	10,740	-0.54
08/31/2021	16:19:41	78797.48	394725.52	39.76	Soil	11,280	-0.16
08/31/2021	16:19:42	78797.42	394725.56	39.77	Soil	9,780	-1.21
08/31/2021	16:19:43	78797.36	394725.53	39.76	Soil	10,680	-0.58
08/31/2021	16:19:44	78797.37	394725.50	39.71	Soil	10,020	-1.05
08/31/2021	16:19:45	78797.46	394725.48	39.69	Soil	9,720	-1.26
08/31/2021	16:19:46	78797.52	394725.43	39.65	Soil	11,280	-0.16
08/31/2021	16:19:47	78797.52	394725.40	39.62	Soil	12,240	0.51
08/31/2021	16:19:48	78797.51	394725.38	39.60	Soil	12,180	0.47
08/31/2021	16:19:49	78797.50	394725.35	39.57	Soil	11,940	0.30
08/31/2021	16:19:50	78797.54	394725.30	39.57	Soil	10,800	-0.50
08/31/2021	16:19:51	78797.57	394725.27	39.57	Soil	10,620	-0.62
08/31/2021	16:19:52	78797.58	394725.27	39.57	Soil	10,140	-0.96
08/31/2021	16:19:53	78797.57	394725.29	39.58	Soil	10,140	-0.96
08/31/2021	16:19:54	78797.57	394725.30	39.60	Soil	12,180	0.47
08/31/2021	16:19:55	78797.57	394725.31	39.61	Soil	10,740	-0.54
08/31/2021	16:19:56	78797.58	394725.32	39.61	Soil	11,460	-0.04
08/31/2021	16:19:57	78797.58	394725.34	39.63	Soil	11,640	0.09
08/31/2021	16:19:58	78797.58	394725.35	39.64	Soil	13,620	1.48
08/31/2021	16:19:59	78797.58	394725.37	39.66	Soil	10,800	-0.50
08/31/2021	16:20:00	78797.58	394725.40	39.68	Soil	12,000	0.34
08/31/2021	16:20:01	78797.58	394725.43	39.68	Soil	10,620	-0.62
08/31/2021	16:20:02	78797.58	394725.45	39.70	Soil	10,980	-0.37
08/31/2021	16:20:03	78797.58	394725.49	39.72	Soil	11,100	-0.29
08/31/2021	16:20:04	78797.58	394725.51	39.73	Soil	9,660	-1.30
08/31/2021	16:20:05	78797.58	394725.54	39.75	Soil	9,660	-1.30
08/31/2021	16:20:06	78797.58	394725.55	39.76	Soil	11,280	-0.16
08/31/2021	16:20:07	78797.59	394725.57	39.77	Soil	11,040	-0.33
08/31/2021	16:20:08	78797.58	394725.59	39.78	Soil	11,460	-0.04
08/31/2021	16:20:09	78797.54	394725.62	39.76	Soil	11,880	0.26
08/31/2021	16:20:10	78797.48	394725.62	39.78	Soil	9,300	-1.55
08/31/2021	16:20:11	78797.51	394725.59	39.77	Soil	11,220	-0.20
08/31/2021	16:20:12	78797.55	394725.56	39.78	Soil	9,600	-1.34
08/31/2021	16:20:13	78797.57	394725.56	39.78	Soil	10,800	-0.50
08/31/2021	16:20:14	78797.57	394725.59	39.78	Soil	10,500	-0.71

SU 7D GWS RESULTS
(SOIL)

08/31/2021	16:20:15	78797.56	394725.62	39.78	Soil	10,440	-0.75
08/31/2021	16:20:16	78797.56	394725.63	39.79	Soil	10,680	-0.58
08/31/2021	16:20:17	78797.57	394725.62	39.79	Soil	10,680	-0.58
08/31/2021	16:20:18	78797.58	394725.64	39.80	Soil	10,020	-1.05
08/31/2021	16:20:19	78797.58	394725.66	39.81	Soil	10,140	-0.96
08/31/2021	16:20:20	78797.58	394725.69	39.82	Soil	10,800	-0.50
08/31/2021	16:20:21	78797.59	394725.70	39.83	Soil	10,200	-0.92
08/31/2021	16:20:22	78797.59	394725.73	39.85	Soil	11,580	0.05
08/31/2021	16:20:23	78797.60	394725.75	39.87	Soil	10,620	-0.62
08/31/2021	16:20:24	78797.59	394725.79	39.90	Soil	9,720	-1.26
08/31/2021	16:20:25	78797.59	394725.81	39.92	Soil	10,560	-0.67
08/31/2021	16:20:26	78797.59	394725.83	39.94	Soil	10,260	-0.88
08/31/2021	16:20:27	78797.58	394725.84	40.00	Soil	10,140	-0.96
08/31/2021	16:20:28	78797.56	394725.84	40.05	Soil	10,620	-0.62
08/31/2021	16:20:29	78797.54	394725.84	40.05	Soil	11,280	-0.16
08/31/2021	16:20:30	78797.53	394725.84	40.07	Soil	10,500	-0.71
08/31/2021	16:20:31	78797.51	394725.84	40.12	Soil	10,080	-1.00
08/31/2021	16:20:32	78797.49	394725.82	39.92	Soil	10,920	-0.41
08/31/2021	16:20:33	78797.50	394725.81	39.82	Soil	10,560	-0.67
08/31/2021	16:20:34	78797.55	394725.82	39.72	Soil	9,900	-1.13
08/31/2021	16:20:35	78797.59	394725.85	39.73	Soil	11,580	0.05
08/31/2021	16:20:36	78797.56	394725.84	39.71	Soil	10,140	-0.96
08/31/2021	16:20:37	78797.59	394725.82	39.74	Soil	10,740	-0.54
08/31/2021	16:20:38	78797.55	394725.86	39.74	Soil	10,860	-0.46
08/31/2021	16:20:39	78797.52	394725.86	39.73	Soil	11,940	0.30
08/31/2021	16:20:40	78797.54	394725.91	39.71	Soil	9,720	-1.26
08/31/2021	16:20:41	78797.49	394725.93	39.72	Soil	10,020	-1.05
08/31/2021	16:20:42	78797.48	394725.94	39.76	Soil	10,560	-0.67
08/31/2021	16:20:43	78797.35	394725.96	39.77	Soil	11,340	-0.12
08/31/2021	16:20:44	78797.18	394726.00	39.79	Soil	11,100	-0.29
08/31/2021	16:20:45	78797.10	394726.03	39.77	Soil	10,320	-0.84
08/31/2021	16:20:46	78796.96	394726.06	39.79	Soil	11,400	-0.08
08/31/2021	16:20:47	78796.82	394726.13	39.79	Soil	10,140	-0.96
08/31/2021	16:20:48	78796.70	394726.14	39.80	Soil	12,600	0.76
08/31/2021	16:20:49	78796.46	394726.20	39.83	Soil	11,040	-0.33
08/31/2021	16:20:50	78796.32	394726.21	39.81	Soil	11,280	-0.16
08/31/2021	16:20:51	78796.43	394726.15	39.80	Soil	10,680	-0.58
08/31/2021	16:20:52	78796.37	394726.12	39.63	Soil	10,020	-1.05
08/31/2021	16:20:53	78796.31	394726.01	39.57	Soil	12,180	0.47
08/31/2021	16:20:54	78796.34	394726.00	39.60	Soil	11,640	0.09
08/31/2021	16:20:55	78796.29	394725.98	39.59	Soil	11,280	-0.16
08/31/2021	16:20:56	78796.30	394725.98	39.62	Soil	10,800	-0.50
08/31/2021	16:20:57	78796.23	394725.97	39.63	Soil	9,720	-1.26
08/31/2021	16:20:58	78795.97	394726.00	39.60	Soil	12,780	0.89
08/31/2021	16:20:59	78795.68	394726.08	39.59	Soil	11,340	-0.12
08/31/2021	16:21:00	78795.58	394726.08	39.52	Soil	10,620	-0.62
08/31/2021	16:21:01	78795.55	394726.12	39.52	Soil	10,740	-0.54
08/31/2021	16:21:02	78795.65	394726.09	39.52	Soil	10,620	-0.62
08/31/2021	16:21:03	78795.75	394726.08	39.50	Soil	11,160	-0.25
08/31/2021	16:21:04	78795.83	394726.05	39.51	Soil	11,700	0.13
08/31/2021	16:21:05	78795.75	394726.07	39.49	Soil	11,100	-0.29

SU 7D GWS RESULTS
(SOIL)

08/31/2021	16:21:06	78795.74	394726.09	39.05	Soil	11,100	-0.29
08/31/2021	16:21:07	78795.78	394726.10	38.76	Soil	10,920	-0.41
08/31/2021	16:21:08	78795.78	394726.19	38.89	Soil	10,740	-0.54
08/31/2021	16:21:09	78795.85	394726.22	39.00	Soil	10,680	-0.58
08/31/2021	16:21:10	78796.00	394726.07	38.99	Soil	10,320	-0.84
08/31/2021	16:21:11	78796.03	394725.99	38.88	Soil	11,160	-0.25
08/31/2021	16:21:12	78795.99	394726.08	38.77	Soil	10,680	-0.58
08/31/2021	16:21:13	78796.16	394726.03	38.76	Soil	11,340	-0.12
08/31/2021	16:21:14	78796.09	394726.02	38.67	Soil	10,380	-0.79
08/31/2021	16:21:15	78795.91	394726.15	38.73	Soil	10,380	-0.79
08/31/2021	16:21:16	78796.22	394726.08	38.95	Soil	12,300	0.55
08/31/2021	16:21:17	78796.78	394725.90	39.01	Soil	10,980	-0.37
08/31/2021	16:21:18	78796.87	394725.82	39.07	Soil	10,140	-0.96
08/31/2021	16:21:19	78796.76	394725.83	39.01	Soil	10,920	-0.41
08/31/2021	16:21:20	78796.41	394725.89	38.88	Soil	10,260	-0.88
08/31/2021	16:21:21	78796.28	394725.96	38.82	Soil	10,200	-0.92
08/31/2021	16:21:22	78796.59	394726.10	39.01	Soil	10,080	-1.00
08/31/2021	16:21:23	78796.93	394726.03	39.06	Soil	10,860	-0.46
08/31/2021	16:21:24	78796.84	394725.92	38.93	Soil	10,260	-0.88
08/31/2021	16:21:25	78796.35	394726.10	38.86	Soil	10,980	-0.37
08/31/2021	16:21:26	78796.10	394726.03	38.79	Soil	11,880	0.26
08/31/2021	16:21:27	78796.34	394726.18	38.80	Soil	10,920	-0.41
08/31/2021	16:21:28	78796.45	394726.61	38.77	Soil	11,160	-0.25
08/31/2021	16:21:29	78796.44	394726.29	38.72	Soil	10,920	-0.41
08/31/2021	16:21:30	78796.52	394725.97	38.74	Soil	10,500	-0.71
08/31/2021	16:21:31	78796.66	394726.30	38.66	Soil	9,540	-1.38
08/31/2021	16:21:32	78796.68	394726.36	38.66	Soil	9,840	-1.17
08/31/2021	16:21:33	78796.59	394725.95	38.62	Soil	10,020	-1.05
08/31/2021	16:21:34	78796.75	394726.06	38.65	Soil	11,280	-0.16
08/31/2021	16:21:35	78796.94	394726.44	38.63	Soil	10,080	-1.00
08/31/2021	16:21:36	78796.83	394726.17	38.61	Soil	9,840	-1.17
08/31/2021	16:21:37	78796.63	394725.82	38.68	Soil	10,860	-0.46
08/31/2021	16:21:38	78796.87	394726.04	38.67	Soil	10,500	-0.71
08/31/2021	16:21:39	78797.10	394726.23	38.69	Soil	10,200	-0.92
08/31/2021	16:21:40	78796.87	394725.98	38.74	Soil	10,560	-0.67
08/31/2021	16:21:41	78796.82	394725.66	38.83	Soil	11,700	0.13
08/31/2021	16:21:42	78797.20	394725.63	38.82	Soil	10,620	-0.62
08/31/2021	16:21:43	78797.07	394725.81	38.66	Soil	11,220	-0.20
08/31/2021	16:21:44	78796.84	394725.82	38.76	Soil	9,660	-1.30
08/31/2021	16:21:45	78797.02	394725.57	38.88	Soil	11,340	-0.12
08/31/2021	16:21:46	78797.22	394725.47	38.77	Soil	9,420	-1.47
08/31/2021	16:21:47	78796.95	394725.78	38.71	Soil	10,260	-0.88
08/31/2021	16:21:48	78796.61	394726.03	38.76	Soil	11,160	-0.25
08/31/2021	16:21:49	78796.11	394726.15	38.68	Soil	10,680	-0.58
08/31/2021	16:21:50	78796.23	394725.92	38.58	Soil	10,380	-0.79
08/31/2021	16:21:51	78796.34	394725.84	38.40	Soil	11,820	0.22
08/31/2021	16:21:52	78796.19	394725.88	38.43	Soil	11,400	-0.08
08/31/2021	16:21:53	78796.15	394726.02	38.46	Soil	9,600	-1.34
08/31/2021	16:21:54	78796.28	394725.86	38.44	Soil	11,340	-0.12
08/31/2021	16:21:55	78796.20	394726.11	38.44	Soil	11,040	-0.33
08/31/2021	16:21:56	78796.18	394726.59	38.42	Soil	9,780	-1.21

SU 7D GWS RESULTS
(SOIL)

08/31/2021	16:21:57	78796.10	394726.36	38.45	Soil	10,020	-1.05
08/31/2021	16:21:58	78796.12	394726.09	38.43	Soil	10,080	-1.00
08/31/2021	16:21:59	78796.29	394726.39	38.39	Soil	11,220	-0.20
08/31/2021	16:22:00	78796.41	394726.63	38.33	Soil	11,400	-0.08
08/31/2021	16:22:01	78796.20	394726.32	38.33	Soil	10,740	-0.54
08/31/2021	16:22:02	78795.96	394726.20	38.34	Soil	10,440	-0.75
08/31/2021	16:22:03	78796.02	394726.47	38.33	Soil	10,320	-0.84
08/31/2021	16:22:04	78796.15	394726.46	38.33	Soil	10,980	-0.37
08/31/2021	16:22:05	78795.98	394726.02	38.37	Soil	10,140	-0.96
08/31/2021	16:22:06	78795.80	394725.91	38.28	Soil	11,640	0.09
08/31/2021	16:22:07	78795.75	394725.99	38.34	Soil	11,280	-0.16
08/31/2021	16:22:08	78795.84	394725.97	38.34	Soil	11,280	-0.16
08/31/2021	16:22:09	78795.87	394726.35	38.37	Soil	12,000	0.34
08/31/2021	16:22:10	78795.89	394726.54	38.32	Soil	11,280	-0.16
08/31/2021	16:22:11	78795.85	394726.30	38.35	Soil	9,720	-1.26
08/31/2021	16:22:12	78795.66	394725.99	38.33	Soil	10,320	-0.84
08/31/2021	16:22:13	78795.62	394726.01	38.40	Soil	10,260	-0.88
08/31/2021	16:22:14	78795.64	394726.25	38.38	Soil	8,520	-2.10
08/31/2021	16:22:15	78795.53	394726.17	38.38	Soil	9,300	-1.55
08/31/2021	16:22:16	78795.48	394725.87	38.34	Soil	10,860	-0.46
08/31/2021	16:22:17	78795.49	394726.05	38.39	Soil	12,960	1.02
08/31/2021	16:22:18	78795.53	394726.29	38.51	Soil	10,620	-0.62
08/31/2021	16:22:19	78795.36	394726.21	38.39	Soil	11,340	-0.12
08/31/2021	16:22:20	78795.29	394726.03	38.43	Soil	11,160	-0.25
08/31/2021	16:22:21	78795.39	394726.01	38.44	Soil	12,360	0.60
08/31/2021	16:22:22	78795.54	394725.98	38.43	Soil	11,100	-0.29
08/31/2021	16:22:23	78795.89	394725.88	38.44	Soil	10,380	-0.79
08/31/2021	16:22:24	78795.98	394725.82	38.44	Soil	10,200	-0.92
08/31/2021	16:22:25	78795.83	394725.88	38.39	Soil	10,080	-1.00
08/31/2021	16:22:26	78795.85	394725.89	38.39	Soil	10,140	-0.96
08/31/2021	16:22:27	78795.89	394725.90	38.38	Soil	10,920	-0.41
08/31/2021	16:22:28	78795.77	394725.92	38.37	Soil	10,860	-0.46
08/31/2021	16:22:29	78795.75	394725.90	38.38	Soil	10,440	-0.75
08/31/2021	16:22:30	78795.87	394725.88	38.39	Soil	10,320	-0.84
08/31/2021	16:22:31	78795.89	394725.89	38.38	Soil	9,780	-1.21
08/31/2021	16:22:32	78795.82	394725.87	38.34	Soil	11,280	-0.16
08/31/2021	16:22:33	78795.82	394725.89	38.33	Soil	11,160	-0.25
08/31/2021	16:22:34	78795.78	394725.92	38.33	Soil	10,500	-0.71
08/31/2021	16:22:35	78795.76	394725.89	38.31	Soil	12,540	0.72
08/31/2021	16:22:36	78795.82	394725.89	38.29	Soil	12,660	0.81
08/31/2021	16:22:37	78795.85	394725.91	38.28	Soil	11,220	-0.20
08/31/2021	16:22:38	78795.83	394725.87	38.27	Soil	12,060	0.39
08/31/2021	16:22:39	78795.81	394725.89	38.27	Soil	11,700	0.13
08/31/2021	16:22:40	78795.79	394725.92	38.26	Soil	11,520	0.01
08/31/2021	16:22:41	78795.78	394725.88	38.24	Soil	10,980	-0.37
08/31/2021	16:22:42	78795.81	394725.89	38.22	Soil	11,040	-0.33
08/31/2021	16:22:43	78795.83	394725.92	38.21	Soil	10,320	-0.84
08/31/2021	16:22:44	78795.82	394725.87	38.21	Soil	9,060	-1.72
08/31/2021	16:22:45	78795.81	394725.89	38.21	Soil	10,980	-0.37
08/31/2021	16:22:46	78795.80	394725.92	38.20	Soil	10,200	-0.92
08/31/2021	16:22:47	78795.79	394725.88	38.16	Soil	11,940	0.30

SU 7D GWS RESULTS
(SOIL)

08/31/2021	16:22:48	78795.77	394725.89	38.14	Soil	10,980	-0.37
08/31/2021	16:22:49	78795.82	394725.92	38.14	Soil	11,280	-0.16
08/31/2021	16:22:50	78795.82	394725.86	38.14	Soil	10,920	-0.41
08/31/2021	16:22:51	78795.84	394725.86	38.14	Soil	11,340	-0.12
08/31/2021	16:22:52	78795.86	394725.90	38.14	Soil	11,100	-0.29
08/31/2021	16:22:53	78795.86	394725.86	38.14	Soil	11,460	-0.04
08/31/2021	16:22:54	78795.82	394725.88	38.14	Soil	10,200	-0.92
08/31/2021	16:22:55	78795.83	394725.91	38.12	Soil	11,940	0.30
08/31/2021	16:22:56	78795.84	394725.88	38.13	Soil	11,220	-0.20
08/31/2021	16:22:57	78795.83	394725.88	38.12	Soil	12,240	0.51
08/31/2021	16:22:58	78795.85	394725.91	38.09	Soil	11,460	-0.04
08/31/2021	16:22:59	78795.86	394725.88	38.11	Soil	11,580	0.05
08/31/2021	16:23:00	78795.84	394725.89	38.09	Soil	10,860	-0.46
08/31/2021	16:23:01	78795.87	394725.90	38.06	Soil	10,740	-0.54
08/31/2021	16:23:02	78795.87	394725.88	38.07	Soil	9,900	-1.13
08/31/2021	16:23:03	78795.84	394725.90	38.05	Soil	10,740	-0.54
08/31/2021	16:23:04	78795.87	394725.90	38.03	Soil	11,700	0.13
08/31/2021	16:23:05	78795.87	394725.88	38.02	Soil	11,340	-0.12
08/31/2021	16:23:06	78795.86	394725.89	38.01	Soil	10,620	-0.62
08/31/2021	16:23:07	78795.87	394725.90	38.00	Soil	12,180	0.47
08/31/2021	16:23:08	78795.87	394725.88	38.00	Soil	11,760	0.18
08/31/2021	16:23:09	78795.87	394725.89	37.99	Soil	10,800	-0.50
08/31/2021	16:23:10	78795.88	394725.90	38.00	Soil	9,960	-1.09
08/31/2021	16:23:11	78795.79	394725.92	38.00	Soil	10,620	-0.62
08/31/2021	16:23:12	78795.80	394725.89	38.00	Soil	10,620	-0.62
08/31/2021	16:23:13	78795.85	394725.89	38.02	Soil	11,820	0.22
08/31/2021	16:23:14	78795.89	394725.89	38.02	Soil	10,800	-0.50
08/31/2021	16:23:15	78795.88	394725.88	38.03	Soil	10,620	-0.62
08/31/2021	16:23:16	78795.86	394725.90	38.00	Soil	11,700	0.13
08/31/2021	16:23:17	78795.88	394725.88	37.99	Soil	10,920	-0.41
08/31/2021	16:23:18	78795.83	394725.91	38.02	Soil	10,920	-0.41
08/31/2021	16:23:19	78795.49	394726.03	37.88	Soil	10,560	-0.67
08/31/2021	16:23:20	78795.28	394726.12	37.86	Soil	11,580	0.05
08/31/2021	16:23:21	78795.62	394726.10	37.97	Soil	11,580	0.05
08/31/2021	16:23:22	78795.83	394726.07	37.91	Soil	9,540	-1.38
08/31/2021	16:23:23	78795.24	394726.07	37.68	Soil	9,240	-1.59
08/31/2021	16:23:24	78794.79	394726.05	37.58	Soil	12,840	0.93
08/31/2021	16:23:25	78795.01	394725.98	37.70	Soil	10,980	-0.37
08/31/2021	16:23:26	78795.13	394725.89	37.73	Soil	12,120	0.43
08/31/2021	16:23:27	78794.89	394725.99	37.63	Soil	11,160	-0.25
08/31/2021	16:23:28	78794.47	394726.09	37.60	Soil	12,300	0.55
08/31/2021	16:23:29	78794.46	394726.11	37.54	Soil	11,220	-0.20
08/31/2021	16:23:30	78794.82	394726.22	37.57	Soil	12,660	0.81
08/31/2021	16:23:31	78794.88	394726.51	37.47	Soil	9,960	-1.09
08/31/2021	16:23:32	78794.85	394726.44	37.54	Soil	10,440	-0.75
08/31/2021	16:23:33	78794.78	394726.05	37.55	Soil	11,400	-0.08
08/31/2021	16:23:34	78794.81	394726.10	37.57	Soil	11,280	-0.16
08/31/2021	16:23:35	78794.98	394726.69	37.57	Soil	10,320	-0.84
08/31/2021	16:23:36	78795.05	394726.63	37.56	Soil	10,080	-1.00
08/31/2021	16:23:37	78794.89	394726.04	37.63	Soil	10,620	-0.62
08/31/2021	16:23:38	78794.83	394726.01	37.57	Soil	11,580	0.05

SU 7D GWS RESULTS
(SOIL)

08/31/2021	16:23:39	78794.99	394726.56	37.59	Soil	10,620	-0.62
08/31/2021	16:23:40	78795.14	394726.66	37.62	Soil	10,560	-0.67
08/31/2021	16:23:41	78795.07	394726.13	37.70	Soil	8,940	-1.80
08/31/2021	16:23:42	78795.06	394725.92	37.79	Soil	10,680	-0.58
08/31/2021	16:23:43	78795.19	394726.30	37.82	Soil	10,680	-0.58
08/31/2021	16:23:44	78795.29	394726.64	37.74	Soil	11,700	0.13
08/31/2021	16:23:45	78795.22	394726.29	37.70	Soil	10,980	-0.37
08/31/2021	16:23:46	78795.21	394725.97	37.77	Soil	11,280	-0.16
08/31/2021	16:23:47	78795.37	394726.16	37.77	Soil	11,820	0.22
08/31/2021	16:23:48	78795.58	394726.52	37.75	Soil	10,560	-0.67
08/31/2021	16:23:49	78795.68	394726.58	37.80	Soil	9,660	-1.30
08/31/2021	16:23:50	78795.61	394726.17	37.77	Soil	11,700	0.13
08/31/2021	16:23:51	78795.55	394725.94	37.82	Soil	11,820	0.22
08/31/2021	16:23:52	78795.55	394726.22	37.80	Soil	9,840	-1.17
08/31/2021	16:23:53	78795.79	394726.55	37.79	Soil	11,520	0.01
08/31/2021	16:23:54	78795.85	394726.35	37.80	Soil	10,980	-0.37
08/31/2021	16:23:55	78795.72	394726.06	37.84	Soil	10,560	-0.67
08/31/2021	16:23:56	78795.79	394726.21	37.94	Soil	10,140	-0.96
08/31/2021	16:23:57	78796.07	394726.39	37.96	Soil	12,180	0.47
08/31/2021	16:23:58	78796.13	394726.13	37.87	Soil	11,520	0.01
08/31/2021	16:23:59	78795.80	394725.98	37.94	Soil	11,220	-0.20
08/31/2021	16:24:00	78795.51	394726.01	38.24	Soil	10,020	-1.05
08/31/2021	16:24:01	78795.48	394725.92	38.80	Soil	9,840	-1.17
08/31/2021	16:24:02	78795.69	394725.83	39.18	Soil	10,860	-0.46
08/31/2021	16:24:03	78795.69	394725.94	39.16	Soil	10,500	-0.71
08/31/2021	16:24:04	78795.54	394725.84	39.16	Soil	9,720	-1.26
08/31/2021	16:24:05	78795.69	394725.84	39.14	Soil	11,100	-0.29
08/31/2021	16:24:06	78795.61	394725.81	39.14	Soil	11,940	0.30
08/31/2021	16:24:07	78795.59	394725.81	39.15	Soil	11,340	-0.12
08/31/2021	16:24:08	78795.68	394725.87	39.13	Soil	10,920	-0.41
08/31/2021	16:24:09	78795.63	394726.05	39.10	Soil	10,560	-0.67
08/31/2021	16:24:10	78795.67	394726.19	39.03	Soil	10,680	-0.58
08/31/2021	16:24:11	78795.71	394726.29	39.00	Soil	9,900	-1.13
08/31/2021	16:24:12	78795.73	394726.44	38.93	Soil	9,960	-1.09
08/31/2021	16:24:13	78795.76	394726.46	38.81	Soil	9,420	-1.47
08/31/2021	16:24:14	78795.73	394726.49	38.71	Soil	11,400	-0.08
08/31/2021	16:24:15	78795.70	394726.46	38.35	Soil	10,320	-0.84
08/31/2021	16:24:16	78795.66	394726.62	37.77	Soil	10,200	-0.92
08/31/2021	16:24:17	78795.55	394726.70	37.72	Soil	11,400	-0.08
08/31/2021	16:24:18	78795.41	394726.63	37.76	Soil	10,920	-0.41
08/31/2021	16:24:19	78795.36	394726.64	37.82	Soil	9,960	-1.09
08/31/2021	16:24:20	78795.44	394727.15	37.81	Soil	12,060	0.39
08/31/2021	16:24:21	78795.42	394727.19	37.87	Soil	10,440	-0.75
08/31/2021	16:24:22	78795.23	394726.54	37.90	Soil	10,020	-1.05
08/31/2021	16:24:23	78795.12	394726.55	37.92	Soil	11,340	-0.12
08/31/2021	16:24:24	78795.17	394727.15	37.89	Soil	10,740	-0.54
08/31/2021	16:24:25	78795.22	394727.27	37.87	Soil	10,260	-0.88
08/31/2021	16:24:26	78795.07	394726.65	37.86	Soil	11,220	-0.20
08/31/2021	16:24:27	78795.02	394726.47	37.93	Soil	10,620	-0.62
08/31/2021	16:24:28	78794.92	394726.95	37.90	Soil	10,320	-0.84
08/31/2021	16:24:29	78794.91	394727.37	37.93	Soil	9,660	-1.30

SU 7D GWS RESULTS
(SOIL)

08/31/2021	16:24:30	78794.72	394726.94	37.96	Soil	9,540	-1.38
08/31/2021	16:24:31	78794.65	394726.40	37.96	Soil	10,380	-0.79
08/31/2021	16:24:32	78794.59	394726.73	37.85	Soil	9,900	-1.13
08/31/2021	16:24:33	78794.63	394727.37	37.82	Soil	11,760	0.18
08/31/2021	16:24:34	78794.60	394727.20	37.85	Soil	10,800	-0.50
08/31/2021	16:24:35	78794.50	394726.66	37.89	Soil	10,620	-0.62
08/31/2021	16:24:36	78794.56	394726.63	37.86	Soil	10,560	-0.67
08/31/2021	16:24:37	78794.60	394726.91	37.75	Soil	11,520	0.01
08/31/2021	16:24:38	78794.45	394727.08	37.73	Soil	10,980	-0.37
08/31/2021	16:24:39	78794.23	394726.77	37.74	Soil	9,420	-1.47
08/31/2021	16:24:40	78794.23	394726.53	37.75	Soil	10,860	-0.46
08/31/2021	16:24:41	78794.29	394726.69	37.83	Soil	11,940	0.30
08/31/2021	16:24:42	78794.28	394726.78	37.71	Soil	9,660	-1.30
08/31/2021	16:24:43	78794.26	394726.97	37.76	Soil	10,200	-0.92
08/31/2021	16:24:44	78794.26	394727.11	37.82	Soil	10,560	-0.67
08/31/2021	16:24:45	78794.27	394726.75	37.93	Soil	10,020	-1.05
08/31/2021	16:24:46	78794.36	394726.58	37.94	Soil	11,100	-0.29
08/31/2021	16:24:47	78794.57	394726.89	38.02	Soil	10,620	-0.62
08/31/2021	16:24:48	78794.69	394726.98	38.01	Soil	9,900	-1.13
08/31/2021	16:24:49	78794.60	394726.54	38.08	Soil	10,560	-0.67
08/31/2021	16:24:50	78794.47	394726.50	38.03	Soil	11,100	-0.29
08/31/2021	16:24:51	78794.59	394726.68	38.03	Soil	10,320	-0.84
08/31/2021	16:24:52	78794.64	394726.70	38.03	Soil	10,320	-0.84
08/31/2021	16:24:53	78794.48	394726.43	38.02	Soil	9,600	-1.34
08/31/2021	16:24:54	78794.54	394726.64	38.04	Soil	9,900	-1.13
08/31/2021	16:24:55	78794.78	394726.93	38.07	Soil	12,060	0.39
08/31/2021	16:24:56	78794.79	394726.60	38.14	Soil	10,140	-0.96
08/31/2021	16:24:57	78794.81	394726.35	38.12	Soil	11,340	-0.12
08/31/2021	16:24:58	78795.03	394726.91	38.09	Soil	11,340	-0.12
08/31/2021	16:24:59	78795.07	394727.20	38.09	Soil	10,440	-0.75
08/31/2021	16:25:00	78795.01	394726.70	38.08	Soil	10,500	-0.71
08/31/2021	16:25:01	78795.21	394726.37	38.12	Soil	10,440	-0.75
08/31/2021	16:25:02	78795.33	394726.71	38.15	Soil	11,760	0.18
08/31/2021	16:25:03	78795.28	394726.95	38.12	Soil	10,380	-0.79
08/31/2021	16:25:04	78795.12	394726.69	38.05	Soil	9,360	-1.51
08/31/2021	16:25:05	78795.21	394726.32	38.09	Soil	11,460	-0.04
08/31/2021	16:25:06	78795.41	394726.74	38.16	Soil	10,380	-0.79
08/31/2021	16:25:07	78795.57	394726.97	38.08	Soil	9,240	-1.59
08/31/2021	16:25:08	78795.49	394726.50	38.09	Soil	9,540	-1.38
08/31/2021	16:25:09	78795.53	394726.53	38.15	Soil	10,380	-0.79
08/31/2021	16:25:10	78795.70	394726.99	38.13	Soil	10,560	-0.67
08/31/2021	16:25:11	78795.79	394726.85	38.14	Soil	9,660	-1.30
08/31/2021	16:25:12	78795.53	394726.56	38.20	Soil	10,680	-0.58
08/31/2021	16:25:13	78795.48	394726.58	38.22	Soil	9,240	-1.59
08/31/2021	16:25:14	78795.68	394726.73	38.24	Soil	10,620	-0.62
08/31/2021	16:25:15	78795.77	394726.42	38.41	Soil	13,860	1.65
08/31/2021	16:25:16	78795.77	394726.41	38.46	Soil	12,360	0.60
08/31/2021	16:25:17	78796.04	394726.76	38.54	Soil	9,600	-1.34
08/31/2021	16:25:18	78796.08	394726.58	38.57	Soil	10,680	-0.58
08/31/2021	16:25:19	78795.75	394726.24	38.61	Soil	9,600	-1.34
08/31/2021	16:25:20	78795.90	394726.27	38.62	Soil	11,460	-0.04

SU 7D GWS RESULTS
(SOIL)

08/31/2021	16:25:21	78796.22	394726.62	38.63	Soil	10,320	-0.84
08/31/2021	16:25:22	78796.14	394726.36	38.67	Soil	9,360	-1.51
08/31/2021	16:25:23	78796.03	394726.06	38.72	Soil	9,180	-1.64
08/31/2021	16:25:24	78796.19	394726.37	38.74	Soil	10,380	-0.79
08/31/2021	16:25:25	78796.17	394726.42	38.79	Soil	12,180	0.47
08/31/2021	16:25:26	78795.96	394726.04	38.75	Soil	10,080	-1.00
08/31/2021	16:25:27	78796.06	394726.20	38.75	Soil	11,700	0.13
08/31/2021	16:25:28	78796.31	394726.29	38.71	Soil	10,740	-0.54
08/31/2021	16:25:29	78796.24	394725.87	38.76	Soil	11,580	0.05
08/31/2021	16:25:30	78796.12	394725.97	38.78	Soil	10,980	-0.37
08/31/2021	16:25:31	78796.21	394726.30	38.76	Soil	9,480	-1.42
08/31/2021	16:25:32	78796.24	394726.18	38.79	Soil	9,600	-1.34
08/31/2021	16:25:33	78796.24	394725.73	38.86	Soil	10,140	-0.96
08/31/2021	16:25:34	78796.31	394725.65	38.88	Soil	9,600	-1.34
08/31/2021	16:25:35	78796.37	394726.02	38.84	Soil	9,480	-1.42
08/31/2021	16:25:36	78796.18	394726.35	38.78	Soil	9,780	-1.21
08/31/2021	16:25:37	78795.75	394726.30	38.61	Soil	10,140	-0.96
08/31/2021	16:25:38	78795.68	394726.44	38.70	Soil	10,380	-0.79
08/31/2021	16:25:39	78795.86	394726.62	38.68	Soil	9,960	-1.09
08/31/2021	16:25:40	78795.70	394726.41	38.59	Soil	11,700	0.13
08/31/2021	16:25:41	78795.22	394726.31	38.44	Soil	10,680	-0.58
08/31/2021	16:25:42	78795.38	394726.36	38.54	Soil	10,920	-0.41
08/31/2021	16:25:43	78795.71	394726.34	38.59	Soil	10,740	-0.54
08/31/2021	16:25:44	78795.59	394726.35	38.54	Soil	9,300	-1.55
08/31/2021	16:25:45	78795.24	394726.38	38.51	Soil	10,980	-0.37
08/31/2021	16:25:46	78795.40	394726.34	38.51	Soil	11,400	-0.08
08/31/2021	16:25:47	78795.60	394726.31	38.66	Soil	11,460	-0.04
08/31/2021	16:25:48	78795.35	394726.34	38.70	Soil	10,980	-0.37
08/31/2021	16:25:49	78795.16	394726.32	38.73	Soil	10,560	-0.67
08/31/2021	16:25:50	78795.32	394726.35	38.79	Soil	12,120	0.43
08/31/2021	16:25:51	78795.36	394726.38	38.79	Soil	10,740	-0.54
08/31/2021	16:25:52	78795.26	394726.33	38.79	Soil	11,820	0.22
08/31/2021	16:25:53	78795.34	394726.37	38.79	Soil	9,720	-1.26
08/31/2021	16:25:54	78795.34	394726.36	38.80	Soil	12,300	0.55
08/31/2021	16:25:55	78795.30	394726.34	38.81	Soil	11,640	0.09
08/31/2021	16:25:56	78795.38	394726.39	38.78	Soil	10,860	-0.46
08/31/2021	16:25:57	78795.36	394726.47	38.77	Soil	10,860	-0.46
08/31/2021	16:25:58	78795.39	394726.66	38.74	Soil	10,380	-0.79
08/31/2021	16:25:59	78795.46	394726.76	38.70	Soil	11,040	-0.33
08/31/2021	16:26:00	78795.43	394726.87	38.68	Soil	10,020	-1.05
08/31/2021	16:26:01	78795.48	394727.01	38.62	Soil	11,040	-0.33
08/31/2021	16:26:02	78795.49	394726.93	38.46	Soil	9,600	-1.34
08/31/2021	16:26:03	78795.46	394727.07	38.47	Soil	9,120	-1.68
08/31/2021	16:26:04	78795.47	394727.51	38.38	Soil	10,740	-0.54
08/31/2021	16:26:05	78795.44	394727.49	38.37	Soil	9,480	-1.42
08/31/2021	16:26:06	78795.42	394726.90	38.28	Soil	11,460	-0.04
08/31/2021	16:26:07	78795.53	394726.88	38.36	Soil	9,780	-1.21
08/31/2021	16:26:08	78795.57	394727.48	38.23	Soil	11,100	-0.29
08/31/2021	16:26:09	78795.46	394727.58	38.29	Soil	10,740	-0.54
08/31/2021	16:26:10	78795.49	394727.52	38.32	Soil	9,240	-1.59
08/31/2021	16:26:11	78795.42	394727.07	38.27	Soil	9,780	-1.21

SU 7D GWS RESULTS
(SOIL)

08/31/2021	16:26:12	78795.45	394726.81	38.24	Soil	10,920	-0.41
08/31/2021	16:26:13	78795.37	394726.97	38.19	Soil	10,140	-0.96
08/31/2021	16:26:14	78795.46	394727.03	38.28	Soil	10,440	-0.75
08/31/2021	16:26:15	78795.40	394727.01	38.30	Soil	9,780	-1.21
08/31/2021	16:26:16	78795.36	394727.32	38.29	Soil	11,460	-0.04
08/31/2021	16:26:17	78795.28	394727.21	38.35	Soil	9,420	-1.47
08/31/2021	16:26:18	78795.28	394726.91	38.37	Soil	11,340	-0.12
08/31/2021	16:26:19	78795.45	394727.03	38.38	Soil	11,400	-0.08
08/31/2021	16:26:20	78795.47	394727.43	38.32	Soil	9,960	-1.09
08/31/2021	16:26:21	78795.42	394727.18	38.35	Soil	11,400	-0.08
08/31/2021	16:26:22	78795.48	394726.76	38.31	Soil	10,560	-0.67
08/31/2021	16:26:23	78795.54	394726.98	38.34	Soil	10,380	-0.79
08/31/2021	16:26:24	78795.42	394727.44	38.29	Soil	11,520	0.01
08/31/2021	16:26:25	78795.15	394727.21	38.31	Soil	10,620	-0.62
08/31/2021	16:26:26	78795.10	394726.82	38.26	Soil	10,500	-0.71
08/31/2021	16:26:27	78795.27	394727.07	38.24	Soil	10,920	-0.41
08/31/2021	16:26:28	78795.28	394727.32	38.21	Soil	9,780	-1.21
08/31/2021	16:26:29	78795.15	394726.99	38.20	Soil	10,140	-0.96
08/31/2021	16:26:30	78795.15	394726.86	38.24	Soil	9,540	-1.38
08/31/2021	16:26:31	78795.25	394727.32	38.24	Soil	9,480	-1.42
08/31/2021	16:26:32	78795.30	394727.32	38.26	Soil	10,620	-0.62
08/31/2021	16:26:33	78795.26	394726.92	38.23	Soil	10,260	-0.88
08/31/2021	16:26:34	78795.35	394726.91	38.27	Soil	10,980	-0.37
08/31/2021	16:26:35	78795.44	394727.30	38.25	Soil	10,020	-1.05
08/31/2021	16:26:36	78795.43	394727.20	38.35	Soil	9,720	-1.26
08/31/2021	16:26:37	78795.39	394726.80	38.26	Soil	11,220	-0.20
08/31/2021	16:26:38	78795.35	394726.97	38.27	Soil	10,800	-0.50
08/31/2021	16:26:39	78795.43	394727.33	38.26	Soil	11,220	-0.20
08/31/2021	16:26:40	78795.44	394727.10	38.28	Soil	9,960	-1.09
08/31/2021	16:26:41	78795.51	394726.76	38.29	Soil	8,700	-1.97
08/31/2021	16:26:42	78795.55	394727.23	38.19	Soil	10,620	-0.62
08/31/2021	16:26:43	78795.46	394727.64	38.11	Soil	9,960	-1.09
08/31/2021	16:26:44	78795.10	394727.33	38.03	Soil	9,060	-1.72
08/31/2021	16:26:45	78794.98	394726.86	37.90	Soil	12,000	0.34
08/31/2021	16:26:46	78795.10	394727.14	37.91	Soil	11,100	-0.29
08/31/2021	16:26:47	78795.07	394727.04	37.94	Soil	9,780	-1.21
08/31/2021	16:26:48	78795.17	394727.11	37.99	Soil	9,840	-1.17
08/31/2021	16:26:49	78795.20	394727.23	37.98	Soil	9,420	-1.47
08/31/2021	16:26:50	78795.19	394727.20	37.96	Soil	8,880	-1.85
08/31/2021	16:26:51	78795.15	394727.17	37.95	Soil	10,200	-0.92
08/31/2021	16:26:52	78795.01	394727.18	37.86	Soil	10,500	-0.71
08/31/2021	16:26:53	78794.75	394727.20	37.85	Soil	8,700	-1.97
08/31/2021	16:26:54	78794.54	394727.13	37.77	Soil	11,100	-0.29
08/31/2021	16:26:55	78794.54	394727.11	37.83	Soil	11,820	0.22
08/31/2021	16:26:56	78794.57	394727.11	37.82	Soil	9,600	-1.34
08/31/2021	16:26:57	78794.63	394727.07	37.85	Soil	10,320	-0.84
08/31/2021	16:26:58	78794.60	394727.07	37.87	Soil	9,720	-1.26
08/31/2021	16:26:59	78794.45	394727.08	37.84	Soil	10,440	-0.75
08/31/2021	16:27:00	78794.29	394727.10	37.86	Soil	10,320	-0.84
08/31/2021	16:27:01	78794.34	394726.98	37.92	Soil	11,520	0.01
08/31/2021	16:27:02	78794.55	394727.12	37.90	Soil	10,860	-0.46

SU 7D GWS RESULTS
(SOIL)

08/31/2021	16:27:03	78794.61	394727.57	37.83	Soil	10,200	-0.92
08/31/2021	16:27:04	78794.50	394727.59	37.77	Soil	11,520	0.01
08/31/2021	16:27:05	78794.42	394727.41	37.83	Soil	10,440	-0.75
08/31/2021	16:27:06	78794.47	394727.35	37.95	Soil	10,200	-0.92
08/31/2021	16:27:07	78794.49	394727.06	37.98	Soil	11,400	-0.08
08/31/2021	16:27:08	78794.57	394727.00	37.97	Soil	10,740	-0.54
08/31/2021	16:27:09	78794.61	394727.38	37.95	Soil	9,960	-1.09
08/31/2021	16:27:10	78794.59	394727.44	37.98	Soil	10,380	-0.79
08/31/2021	16:27:11	78794.52	394727.05	38.02	Soil	9,600	-1.34
08/31/2021	16:27:12	78794.62	394726.95	38.01	Soil	10,080	-1.00
08/31/2021	16:27:13	78794.70	394727.39	38.07	Soil	9,540	-1.38
08/31/2021	16:27:14	78794.67	394727.38	38.16	Soil	9,300	-1.55
08/31/2021	16:27:15	78794.70	394727.01	38.19	Soil	10,800	-0.50
08/31/2021	16:27:16	78794.67	394727.09	38.14	Soil	11,160	-0.25
08/31/2021	16:27:17	78794.77	394727.60	38.14	Soil	9,960	-1.09
08/31/2021	16:27:18	78794.79	394727.54	38.20	Soil	10,500	-0.71
08/31/2021	16:27:19	78794.77	394727.10	38.23	Soil	11,280	-0.16
08/31/2021	16:27:20	78794.86	394727.00	38.30	Soil	10,260	-0.88
08/31/2021	16:27:21	78794.99	394727.45	38.32	Soil	10,680	-0.58
08/31/2021	16:27:22	78795.16	394727.61	38.36	Soil	9,600	-1.34
08/31/2021	16:27:23	78795.24	394727.57	38.35	Soil	10,320	-0.84
08/31/2021	16:27:24	78795.14	394727.36	38.31	Soil	10,740	-0.54
08/31/2021	16:27:25	78794.97	394726.98	38.29	Soil	9,720	-1.26
08/31/2021	16:27:26	78794.87	394727.25	38.25	Soil	9,900	-1.13
08/31/2021	16:27:27	78794.92	394727.81	38.09	Soil	10,080	-1.00
08/31/2021	16:27:28	78794.81	394727.82	38.09	Soil	8,940	-1.80
08/31/2021	16:27:29	78794.61	394727.21	38.04	Soil	9,240	-1.59
08/31/2021	16:27:30	78794.58	394726.94	38.10	Soil	11,880	0.26
08/31/2021	16:27:31	78794.71	394727.51	38.15	Soil	10,680	-0.58
08/31/2021	16:27:32	78794.99	394727.86	38.22	Soil	11,280	-0.16
08/31/2021	16:27:33	78795.01	394727.57	38.25	Soil	10,080	-1.00
08/31/2021	16:27:34	78794.87	394727.37	38.31	Soil	10,620	-0.62
08/31/2021	16:27:35	78795.10	394727.05	38.30	Soil	10,500	-0.71
08/31/2021	16:27:36	78795.34	394726.98	38.38	Soil	10,380	-0.79
08/31/2021	16:27:37	78795.27	394727.35	38.36	Soil	10,080	-1.00
08/31/2021	16:27:38	78795.21	394727.71	38.39	Soil	11,220	-0.20
08/31/2021	16:27:39	78795.18	394727.65	38.39	Soil	10,980	-0.37
08/31/2021	16:27:40	78795.15	394727.30	38.38	Soil	10,260	-0.88
08/31/2021	16:27:41	78795.18	394727.04	38.41	Soil	11,160	-0.25
08/31/2021	16:27:42	78795.17	394727.19	38.45	Soil	8,640	-2.01
08/31/2021	16:27:43	78795.27	394727.26	38.37	Soil	10,260	-0.88
08/31/2021	16:27:44	78795.35	394727.02	38.37	Soil	10,380	-0.79
08/31/2021	16:27:45	78795.35	394727.11	38.42	Soil	9,840	-1.17
08/31/2021	16:27:46	78795.38	394727.31	38.48	Soil	9,540	-1.38
08/31/2021	16:27:47	78795.46	394727.58	38.47	Soil	10,140	-0.96
08/31/2021	16:27:48	78795.54	394727.69	38.47	Soil	10,800	-0.50
08/31/2021	16:27:49	78795.44	394727.51	38.45	Soil	11,520	0.01
08/31/2021	16:27:50	78795.35	394727.17	38.43	Soil	11,400	-0.08
08/31/2021	16:27:51	78795.33	394726.98	38.45	Soil	11,160	-0.25
08/31/2021	16:27:52	78795.30	394727.18	38.47	Soil	11,040	-0.33
08/31/2021	16:27:53	78795.36	394727.31	38.37	Soil	9,480	-1.42

SU 7D GWS RESULTS
(SOIL)

08/31/2021	16:27:54	78795.52	394726.99	38.45	Soil	10,200	-0.92
08/31/2021	16:27:55	78795.70	394727.04	38.53	Soil	9,780	-1.21
08/31/2021	16:27:56	78795.86	394727.36	38.58	Soil	8,100	-2.39
08/31/2021	16:27:57	78795.86	394727.28	38.58	Soil	11,220	-0.20
08/31/2021	16:27:58	78795.62	394727.00	38.56	Soil	10,440	-0.75
08/31/2021	16:27:59	78795.61	394726.73	38.61	Soil	9,960	-1.09
08/31/2021	16:28:00	78795.74	394727.41	38.58	Soil	8,280	-2.27
08/31/2021	16:28:01	78795.82	394727.59	38.62	Soil	11,640	0.09
08/31/2021	16:28:02	78795.70	394727.15	38.63	Soil	10,620	-0.62
08/31/2021	16:28:03	78795.89	394726.80	38.70	Soil	11,580	0.05
08/31/2021	16:28:04	78796.11	394727.20	38.82	Soil	9,720	-1.26
08/31/2021	16:28:05	78796.27	394727.39	38.77	Soil	10,500	-0.71
08/31/2021	16:28:06	78796.14	394726.94	38.81	Soil	11,280	-0.16
08/31/2021	16:28:07	78796.08	394726.92	38.77	Soil	11,040	-0.33
08/31/2021	16:28:08	78795.98	394726.71	38.87	Soil	11,760	0.18
08/31/2021	16:28:09	78795.96	394726.90	38.94	Soil	9,900	-1.13
08/31/2021	16:28:10	78795.85	394727.22	38.87	Soil	9,660	-1.30
08/31/2021	16:28:11	78795.82	394727.04	38.79	Soil	11,040	-0.33
08/31/2021	16:28:12	78795.80	394726.88	38.83	Soil	10,860	-0.46
08/31/2021	16:28:13	78796.04	394727.04	38.84	Soil	10,260	-0.88
08/31/2021	16:28:14	78796.05	394726.89	38.62	Soil	10,800	-0.50
08/31/2021	16:28:15	78795.87	394726.80	38.66	Soil	11,280	-0.16
08/31/2021	16:28:16	78795.96	394727.03	38.60	Soil	9,840	-1.17
08/31/2021	16:28:17	78796.04	394727.12	38.46	Soil	10,440	-0.75
08/31/2021	16:28:18	78796.06	394726.84	38.38	Soil	10,080	-1.00
08/31/2021	16:28:19	78796.07	394726.98	38.41	Soil	10,860	-0.46
08/31/2021	16:28:20	78796.11	394727.16	38.38	Soil	10,620	-0.62
08/31/2021	16:28:21	78796.11	394726.99	38.25	Soil	8,700	-1.97
08/31/2021	16:28:22	78796.12	394727.02	38.25	Soil	8,760	-1.93
08/31/2021	16:28:23	78796.17	394727.05	38.24	Soil	10,260	-0.88
08/31/2021	16:28:24	78796.15	394726.92	38.19	Soil	10,320	-0.84
08/31/2021	16:28:25	78796.08	394726.94	38.19	Soil	9,600	-1.34
08/31/2021	16:28:26	78796.18	394726.93	38.20	Soil	10,020	-1.05
08/31/2021	16:28:27	78796.24	394727.04	38.14	Soil	10,140	-0.96
08/31/2021	16:28:28	78796.23	394727.17	38.21	Soil	9,360	-1.51
08/31/2021	16:28:29	78796.28	394727.28	38.16	Soil	10,080	-1.00
08/31/2021	16:28:30	78796.41	394727.33	38.16	Soil	11,400	-0.08
08/31/2021	16:28:31	78796.36	394727.04	38.12	Soil	10,680	-0.58
08/31/2021	16:28:32	78796.37	394726.93	38.16	Soil	11,460	-0.04
08/31/2021	16:28:33	78796.71	394727.15	38.15	Soil	9,180	-1.64
08/31/2021	16:28:34	78796.86	394726.99	38.11	Soil	10,680	-0.58
08/31/2021	16:28:35	78796.56	394726.69	38.12	Soil	10,680	-0.58
08/31/2021	16:28:36	78796.64	394726.35	38.11	Soil	9,900	-1.13
08/31/2021	16:28:37	78796.74	394726.51	38.14	Soil	11,820	0.22
08/31/2021	16:28:38	78796.69	394726.90	38.09	Soil	10,020	-1.05
08/31/2021	16:28:39	78796.30	394727.13	37.97	Soil	11,340	-0.12
08/31/2021	16:28:40	78795.95	394727.03	37.89	Soil	10,200	-0.92
08/31/2021	16:28:41	78795.95	394727.22	37.82	Soil	9,780	-1.21
08/31/2021	16:28:42	78796.02	394727.41	37.79	Soil	10,920	-0.41
08/31/2021	16:28:43	78795.91	394726.98	37.78	Soil	9,360	-1.51
08/31/2021	16:28:44	78795.80	394727.05	37.84	Soil	10,860	-0.46

SU 7D GWS RESULTS
(SOIL)

08/31/2021	16:28:45	78795.86	394727.43	37.74	Soil	10,560	-0.67
08/31/2021	16:28:46	78795.82	394727.12	37.66	Soil	9,900	-1.13
08/31/2021	16:28:47	78795.43	394726.89	37.63	Soil	11,160	-0.25
08/31/2021	16:28:48	78795.42	394727.29	37.60	Soil	9,300	-1.55
08/31/2021	16:28:49	78795.68	394727.47	37.96	Soil	10,740	-0.54
08/31/2021	16:28:50	78795.51	394727.26	38.19	Soil	11,040	-0.33
08/31/2021	16:28:51	78795.40	394727.06	38.47	Soil	10,620	-0.62
08/31/2021	16:28:52	78795.41	394727.20	38.77	Soil	10,920	-0.41
08/31/2021	16:28:53	78795.32	394727.31	38.76	Soil	10,980	-0.37
08/31/2021	16:28:54	78795.28	394727.13	38.75	Soil	10,200	-0.92
08/31/2021	16:28:55	78795.38	394727.20	38.72	Soil	10,920	-0.41
08/31/2021	16:28:56	78795.28	394727.19	38.66	Soil	11,760	0.18
08/31/2021	16:28:57	78795.32	394727.17	38.61	Soil	11,580	0.05
08/31/2021	16:28:58	78795.41	394727.16	38.59	Soil	10,860	-0.46
08/31/2021	16:28:59	78795.32	394727.19	38.55	Soil	12,000	0.34
08/31/2021	16:29:00	78795.34	394727.37	38.50	Soil	12,420	0.64
08/31/2021	16:29:01	78795.40	394727.40	38.49	Soil	9,600	-1.34
08/31/2021	16:29:02	78795.37	394727.64	38.43	Soil	9,960	-1.09
08/31/2021	16:29:03	78795.36	394727.69	38.37	Soil	10,620	-0.62
08/31/2021	16:29:04	78795.44	394727.85	38.33	Soil	10,560	-0.67
08/31/2021	16:29:05	78795.45	394727.92	38.31	Soil	9,780	-1.21
08/31/2021	16:29:06	78795.40	394727.94	38.30	Soil	9,720	-1.26
08/31/2021	16:29:07	78795.42	394727.95	38.33	Soil	10,320	-0.84
08/31/2021	16:29:08	78795.42	394727.91	38.33	Soil	11,040	-0.33
08/31/2021	16:29:09	78795.37	394727.98	38.33	Soil	10,500	-0.71
08/31/2021	16:29:10	78795.39	394727.91	38.32	Soil	12,420	0.64
08/31/2021	16:29:11	78795.37	394727.96	38.32	Soil	11,640	0.09
08/31/2021	16:29:12	78795.37	394727.92	38.30	Soil	10,320	-0.84
08/31/2021	16:29:13	78795.39	394727.96	38.30	Soil	10,920	-0.41
08/31/2021	16:29:14	78795.38	394727.94	38.29	Soil	9,840	-1.17
08/31/2021	16:29:15	78795.39	394727.97	38.28	Soil	10,620	-0.62
08/31/2021	16:29:16	78795.41	394727.95	38.26	Soil	10,800	-0.50
08/31/2021	16:29:17	78795.38	394727.97	38.24	Soil	10,800	-0.50
08/31/2021	16:29:18	78795.40	394727.97	38.25	Soil	11,460	-0.04
08/31/2021	16:29:19	78795.40	394727.98	38.25	Soil	9,480	-1.42
08/31/2021	16:29:20	78795.39	394728.02	38.24	Soil	10,680	-0.58
08/31/2021	16:29:21	78795.42	394728.01	38.25	Soil	11,820	0.22
08/31/2021	16:29:22	78795.41	394728.06	38.25	Soil	9,480	-1.42
08/31/2021	16:29:23	78795.43	394728.06	38.27	Soil	10,140	-0.96
08/31/2021	16:29:24	78795.44	394728.12	38.29	Soil	10,620	-0.62
08/31/2021	16:29:25	78795.44	394728.12	38.28	Soil	9,480	-1.42
08/31/2021	16:29:26	78795.45	394728.19	38.25	Soil	10,920	-0.41
08/31/2021	16:29:27	78795.44	394728.19	38.22	Soil	11,100	-0.29
08/31/2021	16:29:28	78795.42	394728.26	38.15	Soil	10,260	-0.88
08/31/2021	16:29:29	78795.41	394728.28	38.17	Soil	10,560	-0.67
08/31/2021	16:29:30	78795.41	394728.21	38.19	Soil	10,980	-0.37
08/31/2021	16:29:31	78795.27	394728.31	38.12	Soil	9,540	-1.38
08/31/2021	16:29:32	78795.23	394728.38	38.00	Soil	11,520	0.01
08/31/2021	16:29:33	78795.25	394728.36	37.67	Soil	11,400	-0.08
08/31/2021	16:29:34	78795.27	394728.32	37.57	Soil	9,480	-1.42
08/31/2021	16:29:35	78795.34	394728.36	37.53	Soil	10,800	-0.50

SU 7D GWS RESULTS
(SOIL)

08/31/2021	16:29:36	78795.38	394728.53	37.55	Soil	10,020	-1.05
08/31/2021	16:29:37	78795.34	394728.78	37.55	Soil	10,740	-0.54
08/31/2021	16:29:38	78795.30	394728.75	37.62	Soil	9,300	-1.55
08/31/2021	16:29:39	78795.26	394728.31	37.55	Soil	10,860	-0.46
08/31/2021	16:29:40	78795.32	394728.45	37.44	Soil	12,060	0.39
08/31/2021	16:29:41	78795.41	394729.08	37.31	Soil	9,660	-1.30
08/31/2021	16:29:42	78795.42	394729.03	37.31	Soil	10,380	-0.79
08/31/2021	16:29:43	78795.39	394729.04	37.32	Soil	10,440	-0.75
08/31/2021	16:29:44	78795.10	394729.11	37.31	Soil	10,560	-0.67
08/31/2021	16:29:45	78794.92	394728.65	37.32	Soil	11,100	-0.29
08/31/2021	16:29:46	78795.03	394728.39	37.27	Soil	9,360	-1.51
08/31/2021	16:29:47	78795.30	394729.15	37.18	Soil	10,260	-0.88
08/31/2021	16:29:48	78795.35	394729.20	37.30	Soil	9,480	-1.42
08/31/2021	16:29:49	78795.26	394728.94	37.39	Soil	9,720	-1.26
08/31/2021	16:29:50	78795.35	394728.56	37.42	Soil	10,740	-0.54
08/31/2021	16:29:51	78795.48	394728.43	37.46	Soil	11,520	0.01
08/31/2021	16:29:52	78795.60	394728.80	37.42	Soil	10,380	-0.79
08/31/2021	16:29:53	78795.55	394728.97	37.53	Soil	10,320	-0.84
08/31/2021	16:29:54	78795.38	394728.62	37.45	Soil	12,240	0.51
08/31/2021	16:29:55	78795.34	394728.27	37.38	Soil	11,160	-0.25
08/31/2021	16:29:56	78795.33	394728.53	37.32	Soil	10,380	-0.79
08/31/2021	16:29:57	78795.26	394729.06	37.17	Soil	11,400	-0.08
08/31/2021	16:29:58	78795.21	394729.14	37.24	Soil	9,900	-1.13
08/31/2021	16:29:59	78795.14	394728.69	37.25	Soil	10,740	-0.54
08/31/2021	16:30:00	78795.15	394728.67	37.20	Soil	9,600	-1.34
08/31/2021	16:30:01	78795.13	394728.85	37.16	Soil	10,260	-0.88
08/31/2021	16:30:02	78795.15	394728.77	37.14	Soil	10,500	-0.71
08/31/2021	16:30:03	78795.10	394728.65	37.08	Soil	10,560	-0.67
08/31/2021	16:30:04	78794.98	394728.45	36.99	Soil	10,860	-0.46
08/31/2021	16:30:05	78795.07	394728.42	36.94	Soil	10,140	-0.96
08/31/2021	16:30:06	78794.96	394728.70	36.91	Soil	9,780	-1.21
08/31/2021	16:30:07	78794.77	394728.61	36.85	Soil	9,660	-1.30
08/31/2021	16:30:08	78794.90	394728.33	36.83	Soil	10,260	-0.88
08/31/2021	16:30:09	78795.00	394728.46	36.81	Soil	10,080	-1.00
08/31/2021	16:30:10	78795.05	394728.69	36.91	Soil	9,660	-1.30
08/31/2021	16:30:11	78795.04	394728.89	36.96	Soil	10,740	-0.54
08/31/2021	16:30:12	78795.16	394728.56	37.00	Soil	11,760	0.18
08/31/2021	16:30:13	78795.18	394728.36	36.96	Soil	8,520	-2.10
08/31/2021	16:30:14	78795.21	394728.70	36.91	Soil	8,400	-2.18
08/31/2021	16:30:15	78795.27	394729.09	37.01	Soil	9,420	-1.47
08/31/2021	16:30:16	78795.22	394728.80	37.05	Soil	11,280	-0.16
08/31/2021	16:30:17	78795.21	394728.30	37.04	Soil	10,260	-0.88
08/31/2021	16:30:18	78795.35	394728.45	37.00	Soil	11,280	-0.16
08/31/2021	16:30:19	78795.37	394728.84	36.93	Soil	10,740	-0.54
08/31/2021	16:30:20	78795.32	394728.87	37.04	Soil	9,660	-1.30
08/31/2021	16:30:21	78795.37	394728.60	37.10	Soil	11,040	-0.33
08/31/2021	16:30:22	78795.36	394728.21	37.11	Soil	11,160	-0.25
08/31/2021	16:30:23	78795.46	394728.38	37.16	Soil	10,800	-0.50
08/31/2021	16:30:24	78795.54	394728.73	37.16	Soil	10,020	-1.05
08/31/2021	16:30:25	78795.53	394728.79	37.16	Soil	10,800	-0.50
08/31/2021	16:30:26	78795.25	394728.52	37.15	Soil	11,760	0.18

SU 7D GWS RESULTS
(SOIL)

08/31/2021	16:30:27	78795.23	394728.38	37.17	Soil	10,260	-0.88
08/31/2021	16:30:28	78795.47	394728.72	37.20	Soil	10,080	-1.00
08/31/2021	16:30:29	78795.44	394728.94	37.22	Soil	10,020	-1.05
08/31/2021	16:30:30	78795.34	394728.36	37.40	Soil	11,040	-0.33
08/31/2021	16:30:31	78795.53	394728.10	37.40	Soil	8,700	-1.97
08/31/2021	16:30:32	78795.82	394728.60	37.37	Soil	10,620	-0.62
08/31/2021	16:30:33	78795.90	394728.65	37.44	Soil	10,680	-0.58
08/31/2021	16:30:34	78795.70	394728.21	37.48	Soil	10,080	-1.00
08/31/2021	16:30:35	78795.73	394728.02	37.50	Soil	10,920	-0.41
08/31/2021	16:30:36	78795.93	394728.58	37.33	Soil	9,480	-1.42
08/31/2021	16:30:37	78795.87	394728.78	37.21	Soil	10,740	-0.54
08/31/2021	16:30:38	78795.74	394728.59	37.29	Soil	11,040	-0.33
08/31/2021	16:30:39	78795.88	394728.70	37.26	Soil	10,740	-0.54
08/31/2021	16:30:40	78795.86	394728.61	37.35	Soil	9,960	-1.09
08/31/2021	16:30:41	78795.81	394728.72	37.35	Soil	10,800	-0.50
08/31/2021	16:30:42	78795.82	394728.69	37.32	Soil	9,660	-1.30
08/31/2021	16:30:43	78795.86	394728.65	37.30	Soil	9,300	-1.55
08/31/2021	16:30:44	78795.84	394728.61	37.29	Soil	10,500	-0.71
08/31/2021	16:30:45	78795.85	394728.62	37.24	Soil	9,480	-1.42
08/31/2021	16:30:46	78795.89	394728.59	37.21	Soil	9,240	-1.59
08/31/2021	16:30:47	78795.88	394728.58	37.18	Soil	9,840	-1.17
08/31/2021	16:30:48	78795.93	394728.58	37.14	Soil	9,240	-1.59
08/31/2021	16:30:49	78795.93	394728.55	37.19	Soil	10,140	-0.96
08/31/2021	16:30:50	78795.91	394728.62	37.12	Soil	10,680	-0.58
08/31/2021	16:30:51	78795.84	394728.56	37.17	Soil	11,040	-0.33
08/31/2021	16:30:52	78795.83	394728.69	37.23	Soil	10,440	-0.75
08/31/2021	16:30:53	78795.88	394728.51	37.33	Soil	10,320	-0.84
08/31/2021	16:30:54	78795.73	394728.29	37.23	Soil	10,620	-0.62
08/31/2021	16:30:55	78795.78	394728.01	37.23	Soil	9,060	-1.72
08/31/2021	16:30:56	78795.99	394728.47	37.23	Soil	9,960	-1.09
08/31/2021	16:30:57	78796.00	394728.73	37.23	Soil	10,080	-1.00
08/31/2021	16:30:58	78795.74	394728.36	37.23	Soil	10,260	-0.88
08/31/2021	16:30:59	78795.70	394728.06	37.18	Soil	9,180	-1.64
08/31/2021	16:31:00	78795.82	394728.59	36.98	Soil	11,100	-0.29
08/31/2021	16:31:01	78795.88	394728.89	37.07	Soil	11,100	-0.29
08/31/2021	16:31:02	78795.65	394728.61	37.04	Soil	10,680	-0.58
08/31/2021	16:31:03	78795.55	394728.15	37.00	Soil	10,020	-1.05
08/31/2021	16:31:04	78795.63	394728.34	36.93	Soil	10,620	-0.62
08/31/2021	16:31:05	78795.67	394728.89	36.93	Soil	9,480	-1.42
08/31/2021	16:31:06	78795.45	394728.83	36.85	Soil	10,680	-0.58
08/31/2021	16:31:07	78795.23	394728.22	36.80	Soil	11,340	-0.12
08/31/2021	16:31:08	78795.34	394728.18	36.81	Soil	11,040	-0.33
08/31/2021	16:31:09	78795.58	394728.86	36.81	Soil	9,480	-1.42
08/31/2021	16:31:10	78795.74	394728.76	36.95	Soil	11,340	-0.12
08/31/2021	16:31:11	78795.82	394728.36	36.99	Soil	9,480	-1.42
08/31/2021	16:31:12	78795.97	394728.17	37.07	Soil	10,320	-0.84
08/31/2021	16:31:13	78796.14	394728.61	37.07	Soil	9,480	-1.42
08/31/2021	16:31:14	78796.19	394728.55	37.12	Soil	10,080	-1.00
08/31/2021	16:31:15	78795.93	394728.16	37.16	Soil	9,900	-1.13
08/31/2021	16:31:16	78796.09	394728.12	37.16	Soil	9,960	-1.09
08/31/2021	16:31:17	78796.23	394728.61	37.36	Soil	10,260	-0.88

SU 7D GWS RESULTS
(SOIL)

08/31/2021	16:31:18	78796.07	394728.39	37.21	Soil	10,380	-0.79
08/31/2021	16:31:19	78795.97	394728.13	37.27	Soil	10,620	-0.62
08/31/2021	16:31:20	78796.12	394728.38	37.27	Soil	10,980	-0.37
08/31/2021	16:31:21	78796.23	394728.41	37.40	Soil	9,840	-1.17
08/31/2021	16:31:22	78795.93	394728.12	37.41	Soil	10,740	-0.54
08/31/2021	16:31:23	78795.89	394728.06	37.43	Soil	9,300	-1.55
08/31/2021	16:31:23	78796.16	394728.45	37.43	Soil	10,080	-1.00
08/31/2021	16:31:25	78796.20	394728.36	37.56	Soil	10,920	-0.41
08/31/2021	16:31:26	78796.09	394727.93	37.63	Soil	12,000	0.34
08/31/2021	16:31:27	78796.31	394728.01	37.66	Soil	10,920	-0.41
08/31/2021	16:31:28	78796.53	394728.20	37.66	Soil	12,300	0.55
08/31/2021	16:31:29	78796.46	394727.95	37.79	Soil	10,500	-0.71
08/31/2021	16:31:30	78796.42	394727.93	37.80	Soil	11,280	-0.16
08/31/2021	16:31:30	78796.36	394728.45	37.80	Soil	9,960	-1.09
08/31/2021	16:31:32	78796.32	394728.45	37.73	Soil	9,360	-1.51
08/31/2021	16:31:32	78796.33	394727.95	37.84	Soil	11,160	-0.25
08/31/2021	16:31:34	78796.44	394727.78	37.89	Soil	10,140	-0.96
08/31/2021	16:31:35	78796.54	394728.25	37.94	Soil	12,060	0.39
08/31/2021	16:31:36	78796.60	394728.42	37.92	Soil	9,780	-1.21
08/31/2021	16:31:37	78796.47	394728.20	37.95	Soil	11,580	0.05
08/31/2021	16:31:38	78796.46	394727.69	38.05	Soil	13,020	1.06
08/31/2021	16:31:38	78796.71	394727.96	38.05	Soil	11,580	0.05
08/31/2021	16:31:39	78796.89	394728.36	38.05	Soil	10,920	-0.41
08/31/2021	16:31:41	78796.51	394727.85	37.96	Soil	12,000	0.34
08/31/2021	16:31:42	78796.12	394727.66	37.95	Soil	10,680	-0.58
08/31/2021	16:31:42	78796.17	394727.92	37.95	Soil	10,620	-0.62
08/31/2021	16:31:44	78796.63	394728.00	38.12	Soil	12,000	0.34
08/31/2021	16:31:45	78796.69	394727.62	38.11	Soil	11,400	-0.08
08/31/2021	16:31:45	78796.63	394727.37	38.11	Soil	10,740	-0.54
08/31/2021	16:31:47	78796.60	394727.56	38.12	Soil	11,040	-0.33
08/31/2021	16:31:47	78796.63	394727.79	38.20	Soil	10,980	-0.37
08/31/2021	16:31:48	78796.53	394728.34	38.05	Soil	10,260	-0.88
08/31/2021	16:31:50	78796.46	394728.22	38.04	Soil	9,900	-1.13
08/31/2021	16:31:51	78796.33	394727.83	38.02	Soil	10,980	-0.37
08/31/2021	16:31:51	78796.26	394727.77	37.90	Soil	9,780	-1.21
08/31/2021	16:31:52	78796.14	394728.10	37.90	Soil	10,980	-0.37
08/31/2021	16:31:53	78795.90	394727.96	37.72	Soil	11,100	-0.29
08/31/2021	16:31:54	78795.86	394728.12	37.69	Soil	9,240	-1.59
08/31/2021	16:31:55	78795.69	394727.80	37.74	Soil	10,920	-0.41
08/31/2021	16:31:56	78795.75	394727.95	37.85	Soil	10,800	-0.50
08/31/2021	16:31:57	78795.78	394728.08	37.85	Soil	10,320	-0.84
08/31/2021	16:31:58	78795.43	394727.79	37.78	Soil	11,040	-0.33
08/31/2021	16:32:00	78795.57	394727.79	37.78	Soil	10,380	-0.79
08/31/2021	16:32:00	78795.77	394728.03	37.82	Soil	11,340	-0.12
08/31/2021	16:32:02	78795.57	394727.83	37.82	Soil	8,700	-1.97
08/31/2021	16:32:02	78795.50	394727.84	38.12	Soil	9,540	-1.38
08/31/2021	16:32:04	78795.58	394728.03	38.52	Soil	10,980	-0.37
08/31/2021	16:32:04	78795.37	394727.90	38.52	Soil	9,840	-1.17
08/31/2021	16:32:05	78795.45	394728.01	38.58	Soil	11,160	-0.25
08/31/2021	16:32:07	78795.50	394727.99	38.50	Soil	10,440	-0.75
08/31/2021	16:32:07	78795.45	394727.95	38.50	Soil	10,860	-0.46

SU 7D GWS RESULTS
(SOIL)

08/31/2021	16:32:08	78795.52	394728.08	38.53	Soil	10,200	-0.92
08/31/2021	16:32:09	78795.44	394727.90	38.45	Soil	11,400	-0.08
08/31/2021	16:32:10	78795.51	394728.14	38.42	Soil	11,220	-0.20
08/31/2021	16:32:11	78795.48	394728.20	38.41	Soil	11,040	-0.33
08/31/2021	16:32:12	78795.50	394728.32	38.41	Soil	9,120	-1.68
08/31/2021	16:32:13	78795.54	394728.51	38.44	Soil	9,600	-1.34
08/31/2021	16:32:14	78795.48	394728.49	38.45	Soil	10,860	-0.46
08/31/2021	16:32:16	78795.55	394728.74	38.43	Soil	11,700	0.13
08/31/2021	16:32:16	78795.48	394728.55	38.43	Soil	10,680	-0.58
08/31/2021	16:32:17	78795.49	394728.61	38.48	Soil	10,140	-0.96
08/31/2021	16:32:18	78795.53	394728.64	38.50	Soil	10,440	-0.75
08/31/2021	16:32:19	78795.47	394728.50	38.50	Soil	9,900	-1.13
08/31/2021	16:32:20	78795.49	394728.69	38.54	Soil	10,980	-0.37
08/31/2021	16:32:21	78795.46	394728.52	38.52	Soil	10,260	-0.88
08/31/2021	16:32:23	78795.48	394728.62	38.13	Soil	9,900	-1.13
08/31/2021	16:32:23	78795.47	394728.69	38.13	Soil	11,340	-0.12
08/31/2021	16:32:24	78795.43	394728.63	38.01	Soil	10,560	-0.67
08/31/2021	16:32:25	78795.45	394728.67	37.69	Soil	11,340	-0.12
08/31/2021	16:32:26	78795.38	394728.69	37.71	Soil	9,720	-1.26
08/31/2021	16:32:27	78795.41	394728.65	37.71	Soil	9,900	-1.13
08/31/2021	16:32:28	78795.39	394728.73	37.71	Soil	11,220	-0.20
08/31/2021	16:32:29	78795.51	394729.21	37.58	Soil	10,980	-0.37
08/31/2021	16:32:30	78795.45	394729.15	37.58	Soil	12,000	0.34
08/31/2021	16:32:31	78795.36	394728.62	37.62	Soil	9,180	-1.64
08/31/2021	16:32:33	78795.36	394728.76	37.52	Soil	11,460	-0.04
08/31/2021	16:32:34	78795.31	394729.17	37.55	Soil	9,480	-1.42
08/31/2021	16:32:35	78795.15	394728.98	37.60	Soil	10,800	-0.50
08/31/2021	16:32:36	78795.19	394728.53	37.60	Soil	9,840	-1.17
08/31/2021	16:32:37	78795.12	394728.90	37.59	Soil	10,680	-0.58
08/31/2021	16:32:38	78794.99	394729.15	37.59	Soil	9,960	-1.09
08/31/2021	16:32:39	78795.00	394728.91	37.53	Soil	11,100	-0.29
08/31/2021	16:32:39	78794.96	394728.73	37.53	Soil	11,940	0.30
08/31/2021	16:32:41	78794.99	394729.02	37.54	Soil	9,960	-1.09
08/31/2021	16:32:42	78795.06	394729.14	37.49	Soil	10,080	-1.00
08/31/2021	16:32:42	78795.03	394728.87	37.52	Soil	10,080	-1.00
08/31/2021	16:32:43	78795.01	394728.54	37.56	Soil	9,120	-1.68
08/31/2021	16:32:44	78795.12	394728.98	37.49	Soil	10,440	-0.75
08/31/2021	16:32:46	78795.08	394729.23	37.54	Soil	11,040	-0.33
08/31/2021	16:32:46	78794.87	394728.75	37.54	Soil	10,980	-0.37
08/31/2021	16:32:47	78794.78	394728.60	37.48	Soil	9,300	-1.55
08/31/2021	16:32:49	78794.84	394728.95	37.47	Soil	9,660	-1.30
08/31/2021	16:32:49	78794.75	394729.08	37.47	Soil	10,620	-0.62
08/31/2021	16:32:50	78794.60	394728.71	37.42	Soil	11,580	0.05
08/31/2021	16:32:52	78794.51	394728.59	37.32	Soil	11,400	-0.08
08/31/2021	16:32:52	78794.46	394728.83	37.32	Soil	9,480	-1.42
08/31/2021	16:32:53	78794.47	394729.07	37.22	Soil	11,580	0.05
08/31/2021	16:32:55	78794.37	394728.82	37.31	Soil	11,340	-0.12
08/31/2021	16:32:55	78794.41	394728.55	37.29	Soil	11,940	0.30
08/31/2021	16:32:56	78794.63	394729.02	37.29	Soil	9,900	-1.13
08/31/2021	16:32:58	78794.60	394729.12	37.27	Soil	9,240	-1.59
08/31/2021	16:32:59	78794.52	394728.95	37.35	Soil	10,080	-1.00

SU 7D GWS RESULTS
(SOIL)

08/31/2021	16:32:59	78794.52	394728.74	37.35	Soil	10,380	-0.79
08/31/2021	16:33:01	78794.58	394728.74	37.43	Soil	10,800	-0.50
08/31/2021	16:33:01	78794.66	394728.92	37.43	Soil	10,980	-0.37
08/31/2021	16:33:02	78794.55	394728.68	37.41	Soil	10,440	-0.75
08/31/2021	16:33:04	78794.64	394728.49	37.44	Soil	9,840	-1.17
08/31/2021	16:33:04	78794.70	394728.82	37.44	Soil	10,320	-0.84
08/31/2021	16:33:06	78794.30	394728.73	37.35	Soil	10,680	-0.58
08/31/2021	16:33:06	78794.04	394728.66	37.22	Soil	10,260	-0.88
08/31/2021	16:33:07	78794.58	394728.89	37.34	Soil	11,460	-0.04
08/31/2021	16:33:08	78794.41	394729.03	37.30	Soil	9,840	-1.17
08/31/2021	16:33:09	78794.11	394728.80	37.24	Soil	10,260	-0.88
08/31/2021	16:33:10	78794.32	394728.77	37.27	Soil	10,320	-0.84
08/31/2021	16:33:11	78794.37	394728.87	37.32	Soil	11,520	0.01
08/31/2021	16:33:12	78794.35	394728.99	37.27	Soil	10,260	-0.88
08/31/2021	16:33:13	78794.25	394728.80	37.27	Soil	9,540	-1.38
08/31/2021	16:33:14	78794.28	394728.76	37.31	Soil	10,500	-0.71
08/31/2021	16:33:15	78794.42	394728.96	37.33	Soil	9,420	-1.47
08/31/2021	16:33:16	78794.47	394728.92	37.35	Soil	10,380	-0.79
08/31/2021	16:33:17	78794.42	394728.89	37.40	Soil	11,220	-0.20
08/31/2021	16:33:18	78794.58	394728.74	37.48	Soil	9,180	-1.64
08/31/2021	16:33:19	78794.83	394728.82	37.59	Soil	10,440	-0.75
08/31/2021	16:33:20	78794.86	394729.26	37.62	Soil	9,900	-1.13
08/31/2021	16:33:21	78794.68	394729.11	37.48	Soil	10,800	-0.50
08/31/2021	16:33:22	78794.58	394728.56	37.44	Soil	11,220	-0.20
08/31/2021	16:33:23	78794.61	394728.87	37.46	Soil	10,020	-1.05
08/31/2021	16:33:24	78794.64	394729.36	37.29	Soil	10,140	-0.96
08/31/2021	16:33:26	78794.58	394729.10	37.38	Soil	11,040	-0.33
08/31/2021	16:33:27	78794.62	394728.71	37.46	Soil	10,560	-0.67
08/31/2021	16:33:27	78794.80	394728.69	37.46	Soil	11,340	-0.12
08/31/2021	16:33:28	78794.84	394728.91	37.47	Soil	10,920	-0.41
08/31/2021	16:33:29	78794.89	394729.15	37.46	Soil	10,260	-0.88
08/31/2021	16:33:30	78794.77	394729.31	37.49	Soil	10,260	-0.88
08/31/2021	16:33:32	78794.91	394728.96	37.53	Soil	10,440	-0.75
08/31/2021	16:33:32	78795.07	394728.85	37.61	Soil	9,240	-1.59
08/31/2021	16:33:34	78795.04	394728.74	37.62	Soil	10,800	-0.50
08/31/2021	16:33:34	78795.04	394728.96	37.62	Soil	9,900	-1.13
08/31/2021	16:33:35	78795.14	394729.27	37.57	Soil	9,660	-1.30
08/31/2021	16:33:36	78795.15	394729.37	37.61	Soil	9,480	-1.42
08/31/2021	16:33:37	78795.16	394729.26	37.62	Soil	11,640	0.09
08/31/2021	16:33:38	78795.16	394728.89	37.68	Soil	10,020	-1.05
08/31/2021	16:33:40	78795.25	394728.69	37.65	Soil	9,840	-1.17
08/31/2021	16:33:41	78795.32	394728.85	37.66	Soil	11,160	-0.25
08/31/2021	16:33:41	78795.38	394729.30	37.64	Soil	9,300	-1.55
08/31/2021	16:33:43	78795.37	394729.43	37.63	Soil	10,860	-0.46
08/31/2021	16:33:43	78795.41	394729.02	37.66	Soil	11,460	-0.04
08/31/2021	16:33:44	78795.47	394728.69	37.70	Soil	9,960	-1.09
08/31/2021	16:33:45	78795.48	394728.63	37.74	Soil	10,500	-0.71
08/31/2021	16:33:46	78795.51	394728.93	37.68	Soil	9,960	-1.09
08/31/2021	16:33:47	78795.58	394729.28	37.69	Soil	11,100	-0.29
08/31/2021	16:33:48	78795.69	394729.18	37.72	Soil	9,000	-1.76
08/31/2021	16:33:50	78795.69	394728.82	37.83	Soil	12,420	0.64

SU 7D GWS RESULTS
(SOIL)

08/31/2021	16:33:50	78795.67	394728.61	37.91	Soil	10,500	-0.71
08/31/2021	16:33:51	78795.70	394728.67	37.92	Soil	9,840	-1.17
08/31/2021	16:33:52	78795.62	394728.82	37.84	Soil	10,800	-0.50
08/31/2021	16:33:53	78795.73	394729.06	37.85	Soil	10,980	-0.37
08/31/2021	16:33:54	78795.78	394729.32	37.81	Soil	10,920	-0.41
08/31/2021	16:33:55	78795.66	394728.93	37.87	Soil	9,060	-1.72
08/31/2021	16:33:56	78795.73	394728.56	37.97	Soil	9,600	-1.34
08/31/2021	16:33:57	78795.79	394728.80	37.98	Soil	10,020	-1.05
08/31/2021	16:33:59	78795.81	394729.25	37.92	Soil	12,300	0.55
08/31/2021	16:33:59	78795.54	394729.05	38.01	Soil	9,960	-1.09
08/31/2021	16:34:00	78795.57	394728.42	38.01	Soil	10,200	-0.92
08/31/2021	16:34:02	78795.65	394728.63	37.86	Soil	9,480	-1.42
08/31/2021	16:34:02	78795.64	394729.12	37.86	Soil	11,520	0.01
08/31/2021	16:34:03	78795.55	394729.04	37.88	Soil	10,380	-0.79
08/31/2021	16:34:04	78795.68	394728.51	37.98	Soil	9,600	-1.34
08/31/2021	16:34:05	78795.87	394728.82	37.93	Soil	9,480	-1.42
08/31/2021	16:34:06	78796.00	394729.22	37.93	Soil	10,560	-0.67
08/31/2021	16:34:07	78796.08	394729.20	37.97	Soil	9,420	-1.47
08/31/2021	16:34:08	78796.13	394728.81	38.09	Soil	9,600	-1.34
08/31/2021	16:34:10	78796.15	394728.56	38.02	Soil	10,440	-0.75
08/31/2021	16:34:10	78796.08	394728.81	38.02	Soil	10,800	-0.50
08/31/2021	16:34:11	78796.15	394729.23	37.97	Soil	11,400	-0.08
08/31/2021	16:34:12	78796.02	394729.22	37.95	Soil	11,280	-0.16
08/31/2021	16:34:13	78795.97	394728.69	37.96	Soil	9,480	-1.42
08/31/2021	16:34:15	78796.00	394728.55	38.01	Soil	9,180	-1.64
08/31/2021	16:34:15	78796.08	394728.71	38.00	Soil	10,800	-0.50
08/31/2021	16:34:16	78796.07	394728.62	37.99	Soil	10,200	-0.92
08/31/2021	16:34:17	78796.06	394728.63	38.00	Soil	10,440	-0.75
08/31/2021	16:34:18	78796.08	394728.61	38.00	Soil	9,060	-1.72
08/31/2021	16:34:19	78796.08	394728.60	38.00	Soil	10,680	-0.58
08/31/2021	16:34:20	78796.14	394728.56	38.12	Soil	9,420	-1.47
08/31/2021	16:34:21	78796.29	394728.47	38.13	Soil	10,440	-0.75
08/31/2021	16:34:22	78796.27	394728.49	38.16	Soil	9,780	-1.21
08/31/2021	16:34:23	78796.25	394728.50	38.17	Soil	11,100	-0.29
08/31/2021	16:34:49	78796.02	394728.48	38.14	Soil	10,260	-0.88
08/31/2021	16:34:50	78796.02	394728.82	38.16	Soil	11,640	0.09
08/31/2021	16:34:51	78796.08	394728.49	38.20	Soil	9,600	-1.34
08/31/2021	16:34:52	78796.06	394728.36	38.20	Soil	10,920	-0.41
08/31/2021	16:34:53	78796.19	394728.92	38.20	Soil	9,600	-1.34
08/31/2021	16:34:54	78796.27	394729.16	38.17	Soil	10,080	-1.00
08/31/2021	16:34:55	78796.04	394728.64	38.24	Soil	9,840	-1.17
08/31/2021	16:34:56	78796.09	394728.60	38.23	Soil	10,860	-0.46
08/31/2021	16:34:57	78796.08	394729.09	38.24	Soil	10,560	-0.67
08/31/2021	16:34:58	78796.15	394729.12	38.23	Soil	10,920	-0.41
08/31/2021	16:34:59	78795.84	394728.66	38.24	Soil	11,520	0.01
08/31/2021	16:35:00	78795.90	394728.54	38.26	Soil	9,900	-1.13
08/31/2021	16:35:01	78796.08	394728.98	38.22	Soil	9,420	-1.47
08/31/2021	16:35:02	78795.91	394728.87	38.27	Soil	11,820	0.22
08/31/2021	16:35:03	78795.54	394728.48	38.26	Soil	12,420	0.64
08/31/2021	16:35:04	78795.67	394728.72	38.25	Soil	10,620	-0.62
08/31/2021	16:35:05	78795.98	394729.10	38.32	Soil	10,800	-0.50

SU 7D GWS RESULTS
(SOIL)

08/31/2021	16:35:06	78796.02	394728.64	38.43	Soil	10,980	-0.37
08/31/2021	16:35:07	78796.06	394728.45	38.45	Soil	10,680	-0.58
08/31/2021	16:35:08	78795.90	394728.95	38.45	Soil	9,540	-1.38
08/31/2021	16:35:09	78795.69	394728.89	38.41	Soil	11,160	-0.25
08/31/2021	16:35:10	78795.60	394728.42	38.44	Soil	9,780	-1.21
08/31/2021	16:35:11	78795.70	394728.59	38.39	Soil	10,320	-0.84
08/31/2021	16:35:12	78795.72	394728.87	38.37	Soil	10,980	-0.37
08/31/2021	16:35:13	78795.78	394728.51	38.40	Soil	11,160	-0.25
08/31/2021	16:35:14	78795.78	394728.47	38.35	Soil	9,240	-1.59
08/31/2021	16:35:15	78795.54	394728.99	38.24	Soil	9,180	-1.64
08/31/2021	16:35:16	78795.36	394729.02	38.22	Soil	10,740	-0.54
08/31/2021	16:35:17	78795.40	394728.53	38.26	Soil	10,020	-1.05
08/31/2021	16:35:18	78795.83	394728.58	38.30	Soil	10,920	-0.41
08/31/2021	16:35:19	78796.23	394728.83	38.32	Soil	11,280	-0.16
08/31/2021	16:35:20	78795.92	394728.67	38.29	Soil	10,680	-0.58
08/31/2021	16:35:21	78795.61	394728.55	38.25	Soil	10,680	-0.58
08/31/2021	16:35:22	78796.10	394728.62	38.30	Soil	10,740	-0.54
08/31/2021	16:35:23	78796.41	394728.65	38.36	Soil	9,060	-1.72
08/31/2021	16:35:24	78796.12	394728.47	38.23	Soil	9,000	-1.76
08/31/2021	16:35:25	78796.37	394728.64	38.27	Soil	9,240	-1.59
08/31/2021	16:35:26	78796.44	394728.65	38.27	Soil	11,580	0.05
08/31/2021	16:35:27	78796.34	394728.52	38.37	Soil	10,200	-0.92
08/31/2021	16:35:28	78796.13	394728.57	38.34	Soil	9,960	-1.09
08/31/2021	16:35:29	78796.13	394728.69	38.36	Soil	12,120	0.43
08/31/2021	16:35:30	78796.29	394728.56	38.33	Soil	9,840	-1.17
08/31/2021	16:35:31	78796.24	394728.57	38.30	Soil	11,220	-0.20
08/31/2021	16:35:32	78796.34	394728.64	38.31	Soil	11,220	-0.20
08/31/2021	16:35:33	78796.74	394728.54	38.48	Soil	10,140	-0.96
08/31/2021	16:35:34	78796.46	394728.59	38.37	Soil	8,880	-1.85
08/31/2021	16:35:35	78796.13	394728.69	38.34	Soil	9,540	-1.38
08/31/2021	16:35:36	78796.29	394728.53	38.31	Soil	11,280	-0.16
08/31/2021	16:35:37	78796.31	394728.49	38.30	Soil	11,040	-0.33
08/31/2021	16:35:38	78796.13	394728.55	38.26	Soil	10,920	-0.41
08/31/2021	16:35:39	78795.98	394728.54	38.22	Soil	9,900	-1.13
08/31/2021	16:35:40	78796.13	394728.51	38.21	Soil	11,700	0.13
08/31/2021	16:35:41	78796.23	394728.56	38.22	Soil	11,460	-0.04
08/31/2021	16:35:42	78796.05	394728.84	38.20	Soil	10,080	-1.00
08/31/2021	16:35:43	78795.86	394728.79	38.00	Soil	10,380	-0.79
08/31/2021	16:35:44	78795.95	394728.47	38.07	Soil	11,400	-0.08
08/31/2021	16:35:45	78796.23	394728.95	38.15	Soil	9,780	-1.21
08/31/2021	16:35:46	78796.49	394728.95	38.24	Soil	9,720	-1.26
08/31/2021	16:35:47	78796.38	394728.45	38.24	Soil	9,660	-1.30
08/31/2021	16:35:48	78796.32	394728.85	38.28	Soil	10,020	-1.05
08/31/2021	16:35:49	78796.51	394728.90	38.30	Soil	8,160	-2.35
08/31/2021	16:35:50	78796.55	394728.48	38.34	Soil	12,060	0.39
08/31/2021	16:35:51	78796.48	394728.71	38.30	Soil	10,920	-0.41
08/31/2021	16:35:52	78796.52	394729.09	38.23	Soil	11,100	-0.29
08/31/2021	16:35:53	78796.23	394728.96	38.23	Soil	10,680	-0.58
08/31/2021	16:35:54	78796.14	394728.70	38.24	Soil	10,140	-0.96
08/31/2021	16:35:55	78796.45	394728.58	38.33	Soil	10,320	-0.84
08/31/2021	16:35:56	78796.53	394728.72	38.28	Soil	9,720	-1.26

SU 7D GWS RESULTS
(SOIL)

08/31/2021	16:35:57	78796.53	394728.95	38.22	Soil	11,220	-0.20
08/31/2021	16:35:58	78796.46	394728.84	38.19	Soil	9,600	-1.34
08/31/2021	16:35:59	78796.34	394728.52	38.33	Soil	11,160	-0.25
08/31/2021	16:36:00	78796.48	394728.43	38.32	Soil	10,500	-0.71
08/31/2021	16:36:01	78796.61	394728.91	38.30	Soil	10,500	-0.71
08/31/2021	16:36:02	78796.67	394728.92	38.25	Soil	9,060	-1.72
08/31/2021	16:36:03	78796.47	394728.56	38.34	Soil	10,500	-0.71
08/31/2021	16:36:04	78796.50	394728.37	38.51	Soil	9,780	-1.21
08/31/2021	16:36:05	78796.63	394728.63	38.44	Soil	11,100	-0.29
08/31/2021	16:36:06	78796.62	394728.90	38.32	Soil	10,200	-0.92
08/31/2021	16:36:07	78796.65	394728.88	38.33	Soil	11,220	-0.20
08/31/2021	16:36:08	78796.63	394728.64	38.37	Soil	11,460	-0.04
08/31/2021	16:36:09	78796.48	394728.49	38.42	Soil	9,480	-1.42
08/31/2021	16:36:10	78796.41	394728.43	38.43	Soil	10,080	-1.00
08/31/2021	16:36:11	78796.48	394728.81	38.31	Soil	9,840	-1.17
08/31/2021	16:36:12	78796.50	394729.04	38.32	Soil	9,960	-1.09
08/31/2021	16:36:13	78796.60	394728.74	38.42	Soil	10,500	-0.71
08/31/2021	16:36:14	78796.56	394728.42	38.43	Soil	10,740	-0.54
08/31/2021	16:36:15	78796.64	394728.69	38.38	Soil	10,380	-0.79
08/31/2021	16:36:16	78796.72	394729.03	38.33	Soil	9,720	-1.26
08/31/2021	16:36:17	78796.71	394728.85	38.38	Soil	10,920	-0.41
08/31/2021	16:36:18	78796.71	394728.39	38.50	Soil	9,360	-1.51
08/31/2021	16:36:19	78796.78	394728.42	38.46	Soil	10,860	-0.46
08/31/2021	16:36:20	78796.74	394728.87	38.37	Soil	10,500	-0.71
08/31/2021	16:36:21	78796.67	394728.72	38.38	Soil	10,680	-0.58
08/31/2021	16:36:22	78796.70	394728.28	38.48	Soil	10,260	-0.88
08/31/2021	16:36:23	78796.73	394728.34	38.48	Soil	9,660	-1.30
08/31/2021	16:36:24	78796.88	394728.57	38.46	Soil	8,640	-2.01
08/31/2021	16:36:25	78796.84	394728.24	38.51	Soil	11,400	-0.08
08/31/2021	16:36:26	78796.73	394727.93	38.45	Soil	11,040	-0.33
08/31/2021	16:36:27	78796.78	394728.24	38.45	Soil	11,400	-0.08
08/31/2021	16:36:28	78796.87	394728.28	38.42	Soil	11,700	0.13
08/31/2021	16:36:29	78796.98	394727.94	38.44	Soil	9,720	-1.26
08/31/2021	16:36:30	78796.85	394728.05	38.45	Soil	10,980	-0.37
08/31/2021	16:36:31	78796.79	394728.25	38.42	Soil	10,680	-0.58
08/31/2021	16:36:32	78797.02	394728.00	38.46	Soil	11,220	-0.20
08/31/2021	16:36:33	78797.15	394727.93	38.49	Soil	10,740	-0.54
08/31/2021	16:36:34	78796.99	394728.24	38.43	Soil	10,620	-0.62
08/31/2021	16:36:35	78796.99	394728.36	38.36	Soil	11,340	-0.12
08/31/2021	16:36:36	78797.25	394728.06	38.47	Soil	10,800	-0.50
08/31/2021	16:36:37	78797.11	394728.19	38.38	Soil	10,560	-0.67
08/31/2021	16:36:38	78796.96	394728.57	38.39	Soil	10,800	-0.50
08/31/2021	16:36:39	78796.77	394728.70	38.35	Soil	10,200	-0.92
08/31/2021	16:36:40	78797.12	394728.42	38.46	Soil	9,780	-1.21
08/31/2021	16:36:41	78797.20	394728.09	38.44	Soil	10,260	-0.88
08/31/2021	16:36:42	78796.75	394728.34	38.36	Soil	11,100	-0.29
08/31/2021	16:36:43	78796.60	394728.66	38.32	Soil	11,640	0.09
08/31/2021	16:36:44	78796.55	394728.39	38.31	Soil	11,940	0.30
08/31/2021	16:36:45	78796.96	394728.20	38.40	Soil	9,780	-1.21
08/31/2021	16:36:46	78797.37	394728.45	38.47	Soil	10,920	-0.41
08/31/2021	16:36:47	78797.04	394728.48	38.33	Soil	12,540	0.72

SU 7D GWS RESULTS
(SOIL)

08/31/2021	16:36:48	78796.71	394728.52	38.36	Soil	10,440	-0.75
08/31/2021	16:36:49	78796.58	394728.54	38.33	Soil	9,660	-1.30
08/31/2021	16:36:50	78796.51	394728.52	38.37	Soil	9,420	-1.47
08/31/2021	16:36:51	78796.25	394728.51	38.35	Soil	9,960	-1.09
08/31/2021	16:36:52	78796.10	394728.51	38.50	Soil	10,740	-0.54
08/31/2021	16:36:53	78796.13	394728.58	38.43	Soil	10,140	-0.96
08/31/2021	16:36:54	78796.02	394728.48	38.47	Soil	9,960	-1.09
08/31/2021	16:36:55	78795.99	394728.54	38.73	Soil	10,620	-0.62
08/31/2021	16:36:56	78796.04	394728.52	38.49	Soil	12,000	0.34
08/31/2021	16:36:57	78796.03	394728.57	38.50	Soil	10,080	-1.00
08/31/2021	16:36:58	78796.07	394728.51	38.53	Soil	10,740	-0.54
08/31/2021	16:36:59	78796.18	394728.39	38.52	Soil	10,920	-0.41
08/31/2021	16:37:00	78796.08	394728.48	38.66	Soil	10,740	-0.54
08/31/2021	16:37:01	78795.82	394728.59	38.28	Soil	9,180	-1.64
08/31/2021	16:37:02	78795.87	394728.54	38.11	Soil	9,840	-1.17
08/31/2021	16:37:03	78795.78	394728.61	38.17	Soil	9,240	-1.59
08/31/2021	16:37:04	78795.87	394728.59	38.14	Soil	10,200	-0.92
08/31/2021	16:37:05	78795.91	394728.60	38.15	Soil	11,760	0.18
08/31/2021	16:37:06	78795.90	394728.61	38.16	Soil	9,720	-1.26
08/31/2021	16:37:07	78795.92	394728.60	38.17	Soil	10,020	-1.05
08/31/2021	16:37:08	78796.00	394728.57	38.13	Soil	9,300	-1.55
08/31/2021	16:37:09	78795.79	394728.51	38.33	Soil	11,460	-0.04
08/31/2021	16:37:10	78795.73	394728.30	38.32	Soil	12,360	0.60
08/31/2021	16:37:11	78795.81	394728.43	38.32	Soil	10,260	-0.88
08/31/2021	16:37:12	78795.85	394728.58	38.36	Soil	11,160	-0.25
08/31/2021	16:37:13	78795.78	394728.37	38.31	Soil	9,720	-1.26
08/31/2021	16:37:14	78795.79	394728.36	38.32	Soil	10,560	-0.67
08/31/2021	16:37:15	78795.87	394728.49	38.30	Soil	10,500	-0.71
08/31/2021	16:37:16	78795.75	394728.44	38.31	Soil	9,660	-1.30
08/31/2021	16:37:17	78795.47	394728.47	38.28	Soil	9,900	-1.13
08/31/2021	16:37:18	78795.53	394728.67	38.29	Soil	9,660	-1.30
08/31/2021	16:37:19	78795.60	394728.50	38.30	Soil	10,500	-0.71
08/31/2021	16:37:20	78795.49	394728.32	38.30	Soil	11,280	-0.16
08/31/2021	16:37:21	78795.56	394728.55	38.50	Soil	10,740	-0.54
08/31/2021	16:37:22	78795.81	394728.48	38.52	Soil	9,240	-1.59
08/31/2021	16:37:23	78795.74	394728.27	38.53	Soil	9,780	-1.21
08/31/2021	16:37:24	78795.67	394728.66	38.49	Soil	10,680	-0.58
08/31/2021	16:37:25	78795.76	394728.70	38.46	Soil	10,260	-0.88
08/31/2021	16:37:26	78795.79	394728.68	38.44	Soil	11,220	-0.20
08/31/2021	16:37:27	78795.74	394729.03	38.40	Soil	9,120	-1.68
08/31/2021	16:37:28	78795.79	394729.03	38.39	Soil	10,140	-0.96
08/31/2021	16:37:29	78795.86	394729.10	38.34	Soil	10,380	-0.79
08/31/2021	16:37:30	78795.85	394729.36	38.31	Soil	9,660	-1.30
08/31/2021	16:37:31	78795.88	394729.29	38.28	Soil	11,280	-0.16
08/31/2021	16:37:32	78795.90	394729.13	38.31	Soil	10,140	-0.96
08/31/2021	16:37:33	78795.98	394729.54	38.30	Soil	9,480	-1.42
08/31/2021	16:37:34	78795.98	394729.57	38.27	Soil	9,540	-1.38
08/31/2021	16:37:35	78795.78	394729.17	38.33	Soil	11,220	-0.20
08/31/2021	16:37:36	78795.83	394729.24	38.31	Soil	10,500	-0.71
08/31/2021	16:37:37	78795.90	394729.77	38.35	Soil	11,160	-0.25
08/31/2021	16:37:38	78795.71	394729.68	38.22	Soil	11,340	-0.12

SU 7D GWS RESULTS
(SOIL)

08/31/2021	16:37:39	78795.61	394729.55	38.19	Soil	10,200	-0.92
08/31/2021	16:37:40	78795.71	394729.52	38.20	Soil	9,960	-1.09
08/31/2021	16:37:41	78795.76	394729.18	38.17	Soil	9,900	-1.13
08/31/2021	16:37:42	78795.67	394729.18	38.21	Soil	11,220	-0.20
08/31/2021	16:37:43	78795.71	394729.45	38.22	Soil	10,740	-0.54
08/31/2021	16:37:44	78795.72	394729.62	38.21	Soil	10,620	-0.62
08/31/2021	16:37:45	78795.66	394729.33	38.22	Soil	12,420	0.64
08/31/2021	16:37:46	78795.48	394729.12	38.15	Soil	9,900	-1.13
08/31/2021	16:37:47	78795.46	394729.20	38.08	Soil	11,520	0.01
08/31/2021	16:37:48	78795.47	394729.28	38.09	Soil	9,660	-1.30
08/31/2021	16:37:49	78795.46	394729.55	38.16	Soil	9,180	-1.64
08/31/2021	16:37:50	78795.46	394729.37	38.16	Soil	10,440	-0.75
08/31/2021	16:37:51	78795.53	394729.15	38.09	Soil	11,820	0.22
08/31/2021	16:37:52	78795.54	394729.28	38.13	Soil	10,920	-0.41
08/31/2021	16:37:53	78795.62	394729.57	38.16	Soil	11,400	-0.08
08/31/2021	16:37:54	78795.58	394729.51	38.15	Soil	9,060	-1.72
08/31/2021	16:37:55	78795.56	394729.23	38.09	Soil	9,660	-1.30
08/31/2021	16:37:56	78795.36	394729.24	38.04	Soil	11,280	-0.16
08/31/2021	16:37:57	78795.29	394729.33	38.03	Soil	10,500	-0.71
08/31/2021	16:37:58	78795.25	394729.59	38.03	Soil	10,080	-1.00
08/31/2021	16:37:59	78795.18	394729.61	37.95	Soil	11,760	0.18
08/31/2021	16:38:00	78795.12	394729.31	37.97	Soil	10,080	-1.00
08/31/2021	16:38:01	78795.21	394729.31	38.00	Soil	10,320	-0.84
08/31/2021	16:38:02	78795.31	394729.69	38.02	Soil	10,980	-0.37
08/31/2021	16:38:03	78795.30	394729.46	38.03	Soil	9,720	-1.26
08/31/2021	16:38:04	78795.23	394729.11	37.97	Soil	10,980	-0.37
08/31/2021	16:38:05	78795.32	394729.45	38.02	Soil	10,320	-0.84
08/31/2021	16:38:06	78795.34	394729.69	37.99	Soil	11,040	-0.33
08/31/2021	16:38:07	78795.22	394729.42	38.02	Soil	9,780	-1.21
08/31/2021	16:38:08	78795.34	394729.22	37.98	Soil	10,380	-0.79
08/31/2021	16:38:09	78795.44	394729.55	38.02	Soil	10,140	-0.96
08/31/2021	16:38:10	78795.40	394729.61	38.00	Soil	10,620	-0.62
08/31/2021	16:38:11	78795.40	394729.28	37.97	Soil	10,860	-0.46
08/31/2021	16:38:12	78795.51	394729.26	38.02	Soil	10,380	-0.79
08/31/2021	16:38:13	78795.59	394729.67	38.08	Soil	11,400	-0.08
08/31/2021	16:38:14	78795.50	394729.55	38.07	Soil	9,120	-1.68
08/31/2021	16:38:15	78795.46	394729.16	38.03	Soil	10,500	-0.71
08/31/2021	16:38:16	78795.56	394729.37	38.10	Soil	9,480	-1.42
08/31/2021	16:38:17	78795.68	394729.68	38.05	Soil	9,000	-1.76
08/31/2021	16:38:18	78795.59	394729.55	38.09	Soil	10,020	-1.05
08/31/2021	16:38:19	78795.57	394729.22	38.07	Soil	11,640	0.09
08/31/2021	16:38:20	78795.65	394729.32	38.07	Soil	10,620	-0.62
08/31/2021	16:38:21	78795.72	394729.63	38.09	Soil	10,440	-0.75
08/31/2021	16:38:22	78795.62	394729.48	38.08	Soil	9,840	-1.17
08/31/2021	16:38:23	78795.60	394729.18	38.09	Soil	10,320	-0.84
08/31/2021	16:38:24	78795.69	394729.32	38.12	Soil	10,980	-0.37
08/31/2021	16:38:25	78795.77	394729.61	38.17	Soil	11,100	-0.29
08/31/2021	16:38:26	78795.75	394729.49	38.14	Soil	12,000	0.34
08/31/2021	16:38:27	78795.70	394729.25	38.13	Soil	9,900	-1.13
08/31/2021	16:38:28	78795.76	394729.29	38.14	Soil	9,420	-1.47
08/31/2021	16:38:29	78795.89	394729.58	38.21	Soil	9,720	-1.26

SU 7D GWS RESULTS
(SOIL)

08/31/2021	16:38:30	78796.00	394729.52	38.16	Soil	9,660	-1.30
08/31/2021	16:38:31	78795.89	394729.30	38.17	Soil	10,740	-0.54
08/31/2021	16:38:32	78795.92	394729.16	38.13	Soil	10,620	-0.62
08/31/2021	16:38:33	78795.90	394729.36	38.12	Soil	10,080	-1.00
08/31/2021	16:38:34	78795.88	394729.46	38.17	Soil	9,840	-1.17
08/31/2021	16:38:35	78795.93	394729.64	38.17	Soil	9,900	-1.13
08/31/2021	16:38:36	78795.86	394729.46	38.21	Soil	11,640	0.09
08/31/2021	16:38:37	78795.91	394729.24	38.15	Soil	8,640	-2.01
08/31/2021	16:38:38	78795.91	394729.56	38.20	Soil	10,440	-0.75
08/31/2021	16:38:39	78795.97	394729.58	38.18	Soil	11,580	0.05
08/31/2021	16:38:40	78795.88	394729.23	38.17	Soil	10,200	-0.92
08/31/2021	16:38:41	78795.94	394729.18	38.21	Soil	11,760	0.18
08/31/2021	16:38:42	78796.08	394729.64	38.25	Soil	10,320	-0.84
08/31/2021	16:38:43	78795.99	394729.44	38.22	Soil	9,660	-1.30
08/31/2021	16:38:44	78795.95	394729.12	38.30	Soil	10,560	-0.67
08/31/2021	16:38:45	78796.06	394729.40	38.24	Soil	10,740	-0.54
08/31/2021	16:38:46	78796.03	394729.76	38.27	Soil	10,020	-1.05
08/31/2021	16:38:47	78796.00	394729.60	38.27	Soil	10,800	-0.50
08/31/2021	16:38:48	78795.91	394729.40	38.24	Soil	10,380	-0.79
08/31/2021	16:38:49	78795.93	394729.46	38.29	Soil	11,040	-0.33
08/31/2021	16:38:50	78795.87	394729.30	38.35	Soil	10,920	-0.41
08/31/2021	16:38:51	78795.88	394729.14	38.33	Soil	11,520	0.01
08/31/2021	16:38:52	78795.94	394729.50	38.33	Soil	9,960	-1.09
08/31/2021	16:38:53	78796.01	394729.60	38.35	Soil	8,880	-1.85
08/31/2021	16:38:54	78795.86	394729.33	38.38	Soil	10,020	-1.05
08/31/2021	16:38:55	78795.94	394729.19	38.43	Soil	10,260	-0.88
08/31/2021	16:38:56	78795.97	394729.35	38.46	Soil	10,200	-0.92
08/31/2021	16:38:57	78796.11	394729.33	38.55	Soil	10,860	-0.46
08/31/2021	16:38:58	78796.11	394729.10	38.61	Soil	10,560	-0.67
08/31/2021	16:38:59	78796.07	394729.12	38.53	Soil	10,380	-0.79
08/31/2021	16:39:00	78796.16	394729.65	38.55	Soil	10,320	-0.84
08/31/2021	16:39:01	78796.10	394729.52	38.56	Soil	11,160	-0.25
08/31/2021	16:39:02	78795.99	394729.05	38.55	Soil	9,360	-1.51
08/31/2021	16:39:03	78796.08	394729.28	38.56	Soil	10,860	-0.46
08/31/2021	16:39:04	78796.11	394729.73	38.61	Soil	9,660	-1.30
08/31/2021	16:39:05	78796.09	394729.38	38.55	Soil	10,080	-1.00
08/31/2021	16:39:06	78795.93	394729.06	38.58	Soil	11,040	-0.33
08/31/2021	16:39:07	78796.14	394729.16	38.61	Soil	9,300	-1.55
08/31/2021	16:39:08	78796.05	394729.42	38.67	Soil	9,240	-1.59
08/31/2021	16:39:09	78796.03	394729.63	38.61	Soil	9,180	-1.64
08/31/2021	16:39:10	78796.01	394729.43	38.90	Soil	12,120	0.43
08/31/2021	16:39:11	78795.77	394729.22	39.14	Soil	10,200	-0.92
08/31/2021	16:39:12	78795.85	394729.36	39.21	Soil	10,560	-0.67
08/31/2021	16:39:13	78795.83	394729.36	39.29	Soil	10,500	-0.71
08/31/2021	16:39:14	78795.69	394729.31	39.22	Soil	10,980	-0.37
08/31/2021	16:39:15	78795.82	394729.25	39.18	Soil	11,220	-0.20
08/31/2021	16:39:16	78795.84	394729.17	39.17	Soil	11,280	-0.16
08/31/2021	16:39:17	78795.79	394729.26	39.18	Soil	9,780	-1.21
08/31/2021	16:39:18	78795.82	394729.24	39.14	Soil	11,640	0.09
08/31/2021	16:39:19	78795.82	394729.25	39.13	Soil	10,980	-0.37
08/31/2021	16:40:45	78795.91	394729.27	38.72	Soil	9,120	-1.68

SU 7D GWS RESULTS
(SOIL)

08/31/2021	16:40:46	78795.85	394729.37	38.68	Soil	10,920	-0.41
08/31/2021	16:40:47	78795.91	394729.35	38.66	Soil	10,200	-0.92
08/31/2021	16:40:48	78795.97	394729.33	38.52	Soil	10,140	-0.96
08/31/2021	16:40:49	78795.94	394729.66	38.44	Soil	10,380	-0.79
08/31/2021	16:40:50	78795.90	394729.75	38.34	Soil	9,540	-1.38
08/31/2021	16:40:51	78795.83	394729.37	38.27	Soil	8,700	-1.97
08/31/2021	16:40:52	78795.91	394729.38	38.26	Soil	11,100	-0.29
08/31/2021	16:40:53	78795.98	394729.85	38.22	Soil	9,720	-1.26
08/31/2021	16:40:54	78796.02	394729.70	38.10	Soil	8,760	-1.93
08/31/2021	16:40:55	78795.78	394729.43	38.16	Soil	11,160	-0.25
08/31/2021	16:40:56	78795.77	394729.30	38.18	Soil	10,440	-0.75
08/31/2021	16:40:57	78796.02	394729.64	38.15	Soil	10,080	-1.00
08/31/2021	16:40:58	78796.12	394729.71	38.17	Soil	10,980	-0.37
08/31/2021	16:40:59	78796.06	394729.30	38.26	Soil	10,500	-0.71
08/31/2021	16:41:00	78796.13	394729.27	38.25	Soil	10,860	-0.46
08/31/2021	16:41:01	78796.16	394729.50	38.25	Soil	12,240	0.51
08/31/2021	16:41:02	78796.06	394729.51	38.31	Soil	10,620	-0.62
08/31/2021	16:41:03	78795.99	394729.38	38.27	Soil	10,680	-0.58
08/31/2021	16:41:04	78796.05	394729.39	38.26	Soil	9,000	-1.76
08/31/2021	16:41:05	78796.05	394729.37	38.26	Soil	9,120	-1.68
08/31/2021	16:41:06	78795.94	394729.33	38.27	Soil	12,300	0.55
08/31/2021	16:41:07	78795.95	394729.35	38.19	Soil	9,240	-1.59
08/31/2021	16:41:08	78796.03	394729.66	38.17	Soil	11,820	0.22
08/31/2021	16:41:09	78795.94	394729.78	38.14	Soil	11,220	-0.20
08/31/2021	16:41:10	78795.77	394729.46	38.18	Soil	9,960	-1.09
08/31/2021	16:41:11	78795.97	394729.39	38.17	Soil	9,660	-1.30
08/31/2021	16:41:12	78796.34	394729.81	38.19	Soil	11,640	0.09
08/31/2021	16:41:13	78796.28	394729.64	38.24	Soil	9,600	-1.34
08/31/2021	16:41:14	78796.09	394729.16	38.22	Soil	10,440	-0.75
08/31/2021	16:41:15	78796.20	394729.29	38.26	Soil	9,960	-1.09
08/31/2021	16:41:16	78796.33	394729.68	38.21	Soil	9,900	-1.13
08/31/2021	16:41:17	78796.11	394729.59	38.18	Soil	9,240	-1.59
08/31/2021	16:41:18	78795.83	394729.22	38.09	Soil	10,080	-1.00
08/31/2021	16:41:19	78795.83	394729.38	38.09	Soil	9,840	-1.17
08/31/2021	16:41:20	78795.80	394729.72	38.05	Soil	10,680	-0.58
08/31/2021	16:41:21	78795.62	394729.48	38.13	Soil	10,080	-1.00
08/31/2021	16:41:22	78795.72	394729.21	38.06	Soil	9,060	-1.72
08/31/2021	16:41:23	78795.91	394729.57	38.07	Soil	10,020	-1.05
08/31/2021	16:41:24	78795.65	394729.64	37.99	Soil	11,100	-0.29
08/31/2021	16:41:25	78795.40	394729.30	37.93	Soil	10,800	-0.50
08/31/2021	16:41:26	78795.52	394729.42	37.93	Soil	9,780	-1.21
08/31/2021	16:41:27	78795.45	394729.42	37.90	Soil	9,900	-1.13
08/31/2021	16:41:28	78795.37	394729.29	37.92	Soil	11,040	-0.33
08/31/2021	16:41:29	78795.42	394729.58	37.95	Soil	11,400	-0.08
08/31/2021	16:41:30	78795.59	394729.86	37.92	Soil	10,140	-0.96
08/31/2021	16:41:31	78795.42	394729.62	37.94	Soil	9,540	-1.38
08/31/2021	16:41:32	78795.45	394729.22	37.97	Soil	10,680	-0.58
08/31/2021	16:41:33	78795.64	394729.49	37.98	Soil	9,900	-1.13
08/31/2021	16:41:34	78795.67	394729.65	37.97	Soil	11,640	0.09
08/31/2021	16:41:35	78795.52	394729.33	37.99	Soil	10,740	-0.54
08/31/2021	16:41:36	78795.54	394729.32	38.03	Soil	8,280	-2.27

SU 7D GWS RESULTS
(SOIL)

08/31/2021	16:41:37	78795.54	394729.76	37.99	Soil	9,960	-1.09
08/31/2021	16:41:38	78795.38	394729.77	38.00	Soil	11,760	0.18
08/31/2021	16:41:39	78795.20	394729.37	37.97	Soil	10,320	-0.84
08/31/2021	16:41:40	78795.24	394729.26	37.87	Soil	9,060	-1.72
08/31/2021	16:41:41	78795.33	394729.49	37.88	Soil	10,800	-0.50
08/31/2021	16:41:42	78795.29	394729.68	37.90	Soil	11,160	-0.25
08/31/2021	16:41:43	78795.16	394729.69	37.92	Soil	11,040	-0.33
08/31/2021	16:41:44	78795.11	394729.35	37.95	Soil	10,080	-1.00
08/31/2021	16:41:45	78795.27	394729.24	37.96	Soil	9,840	-1.17
08/31/2021	16:41:46	78795.43	394729.55	38.01	Soil	9,480	-1.42
08/31/2021	16:41:47	78795.45	394729.67	38.02	Soil	9,720	-1.26
08/31/2021	16:41:48	78795.39	394729.45	38.05	Soil	10,440	-0.75
08/31/2021	16:41:49	78795.34	394729.28	38.10	Soil	12,120	0.43
08/31/2021	16:41:50	78795.30	394729.60	38.07	Soil	10,740	-0.54
08/31/2021	16:41:51	78795.26	394729.73	38.06	Soil	10,200	-0.92
08/31/2021	16:41:52	78795.28	394729.35	38.09	Soil	10,140	-0.96
08/31/2021	16:41:53	78795.39	394729.41	38.06	Soil	12,660	0.81
08/31/2021	16:41:54	78795.58	394729.83	38.07	Soil	12,240	0.51
08/31/2021	16:41:55	78795.60	394729.83	38.08	Soil	7,920	-2.52
08/31/2021	16:41:56	78795.50	394729.54	38.13	Soil	8,340	-2.22
08/31/2021	16:41:57	78795.60	394729.31	38.14	Soil	9,480	-1.42
08/31/2021	16:41:58	78795.73	394729.61	38.13	Soil	11,700	0.13
08/31/2021	16:41:59	78795.65	394729.80	38.10	Soil	10,080	-1.00
08/31/2021	16:42:00	78795.61	394729.49	38.17	Soil	10,080	-1.00
08/31/2021	16:42:01	78795.75	394729.26	38.14	Soil	8,940	-1.80
08/31/2021	16:42:02	78795.89	394729.45	38.17	Soil	9,480	-1.42
08/31/2021	16:42:03	78795.80	394729.54	38.08	Soil	8,400	-2.18
08/31/2021	16:42:04	78795.56	394729.35	38.06	Soil	9,600	-1.34
08/31/2021	16:42:05	78795.51	394729.23	38.03	Soil	10,320	-0.84
08/31/2021	16:42:06	78795.59	394729.35	38.02	Soil	10,380	-0.79
08/31/2021	16:42:07	78795.70	394729.26	37.95	Soil	10,080	-1.00
08/31/2021	16:42:08	78795.72	394729.36	38.01	Soil	9,000	-1.76
08/31/2021	16:42:09	78795.88	394729.51	38.47	Soil	11,160	-0.25
08/31/2021	16:42:10	78796.14	394729.44	38.83	Soil	10,680	-0.58
08/31/2021	16:42:11	78796.01	394729.28	38.85	Soil	10,740	-0.54
08/31/2021	16:42:12	78795.80	394729.35	38.89	Soil	10,080	-1.00
08/31/2021	16:43:16	78795.30	394729.56	38.64	Soil	10,680	-0.58
08/31/2021	16:43:17	78795.30	394729.56	38.65	Soil	10,020	-1.05
08/31/2021	16:43:18	78795.31	394729.57	38.70	Soil	11,100	-0.29
08/31/2021	16:43:19	78795.28	394729.76	38.69	Soil	8,880	-1.85
08/31/2021	16:43:20	78795.30	394729.93	38.67	Soil	10,620	-0.62
08/31/2021	16:43:21	78795.28	394729.74	38.76	Soil	10,260	-0.88
08/31/2021	16:43:22	78795.32	394729.34	38.70	Soil	11,280	-0.16
08/31/2021	16:43:23	78795.41	394729.38	38.69	Soil	10,320	-0.84
08/31/2021	16:43:24	78795.51	394729.75	38.67	Soil	11,400	-0.08
08/31/2021	16:43:25	78795.54	394729.90	38.68	Soil	9,660	-1.30
08/31/2021	16:43:26	78795.46	394729.56	38.73	Soil	9,660	-1.30
08/31/2021	16:43:27	78795.44	394729.31	38.72	Soil	9,180	-1.64
08/31/2021	16:43:28	78795.55	394729.67	38.67	Soil	10,440	-0.75
08/31/2021	16:43:29	78795.59	394729.95	38.72	Soil	10,560	-0.67
08/31/2021	16:43:30	78795.48	394729.74	38.71	Soil	11,760	0.18

SU 7D GWS RESULTS
(SOIL)

08/31/2021	16:43:31	78795.44	394729.38	38.69	Soil	10,260	-0.88
08/31/2021	16:43:32	78795.51	394729.50	38.60	Soil	10,980	-0.37
08/31/2021	16:43:33	78795.60	394729.88	38.60	Soil	10,620	-0.62
08/31/2021	16:43:34	78795.58	394729.89	38.55	Soil	11,640	0.09
08/31/2021	16:43:35	78795.53	394729.80	38.51	Soil	10,080	-1.00
08/31/2021	16:43:36	78795.47	394729.76	38.50	Soil	11,100	-0.29
08/31/2021	16:43:37	78795.54	394729.71	38.49	Soil	10,740	-0.54
08/31/2021	16:43:38	78795.62	394729.44	38.55	Soil	10,560	-0.67
08/31/2021	16:43:39	78795.58	394729.31	38.53	Soil	9,840	-1.17
08/31/2021	16:43:40	78795.65	394729.65	38.52	Soil	8,880	-1.85
08/31/2021	16:43:41	78795.67	394729.86	38.57	Soil	10,860	-0.46
08/31/2021	16:43:42	78795.65	394729.79	38.51	Soil	9,840	-1.17
08/31/2021	16:43:43	78795.69	394729.67	38.46	Soil	10,920	-0.41
08/31/2021	16:43:44	78795.71	394729.39	38.53	Soil	10,020	-1.05
08/31/2021	16:43:45	78795.74	394729.46	38.53	Soil	10,500	-0.71
08/31/2021	16:43:46	78795.84	394729.89	38.48	Soil	8,880	-1.85
08/31/2021	16:43:47	78795.86	394729.81	38.46	Soil	10,800	-0.50
08/31/2021	16:43:48	78795.91	394729.42	38.56	Soil	10,860	-0.46
08/31/2021	16:43:49	78796.00	394729.37	38.56	Soil	9,720	-1.26
08/31/2021	16:43:50	78796.03	394729.61	38.49	Soil	9,660	-1.30
08/31/2021	16:43:51	78796.07	394729.82	38.49	Soil	9,900	-1.13
08/31/2021	16:43:52	78796.03	394729.76	38.51	Soil	12,480	0.68
08/31/2021	16:43:53	78796.00	394729.43	38.53	Soil	10,920	-0.41
08/31/2021	16:43:54	78796.07	394729.42	38.52	Soil	8,880	-1.85
08/31/2021	16:43:55	78796.00	394729.60	38.47	Soil	9,300	-1.55
08/31/2021	16:43:56	78795.95	394729.57	38.46	Soil	10,920	-0.41
08/31/2021	16:43:57	78795.92	394729.42	38.53	Soil	11,220	-0.20
08/31/2021	16:43:58	78795.78	394729.20	38.90	Soil	10,920	-0.41
08/31/2021	16:43:59	78795.77	394729.26	39.05	Soil	10,380	-0.79
08/31/2021	16:44:00	78795.67	394729.34	39.39	Soil	10,680	-0.58
08/31/2021	16:44:01	78795.67	394729.33	39.35	Soil	11,220	-0.20
08/31/2021	16:44:02	78795.73	394729.35	39.34	Soil	10,080	-1.00
08/31/2021	16:44:03	78795.72	394729.34	39.33	Soil	9,540	-1.38
08/31/2021	16:44:04	78795.72	394729.38	39.33	Soil	10,800	-0.50
08/31/2021	16:44:05	78795.77	394729.31	39.30	Soil	10,500	-0.71
08/31/2021	16:44:06	78795.77	394729.34	39.32	Soil	9,780	-1.21
08/31/2021	16:44:07	78795.96	394729.29	39.30	Soil	11,220	-0.20
08/31/2021	16:44:08	78796.20	394729.20	39.32	Soil	11,100	-0.29
08/31/2021	16:44:09	78796.36	394729.16	39.29	Soil	9,900	-1.13
08/31/2021	16:44:10	78796.57	394729.13	39.29	Soil	10,980	-0.37
08/31/2021	16:44:11	78796.74	394729.11	39.31	Soil	9,900	-1.13
08/31/2021	16:44:12	78796.94	394729.00	39.30	Soil	9,240	-1.59
08/31/2021	16:44:13	78797.02	394729.00	39.30	Soil	9,900	-1.13
08/31/2021	16:44:14	78796.98	394728.99	39.29	Soil	10,380	-0.79
08/31/2021	16:44:15	78797.09	394728.98	39.32	Soil	10,020	-1.05
08/31/2021	16:44:16	78797.02	394728.98	39.29	Soil	11,040	-0.33
08/31/2021	16:44:17	78797.05	394728.98	39.31	Soil	11,340	-0.12
08/31/2021	16:44:18	78797.07	394728.95	39.32	Soil	9,360	-1.51
08/31/2021	16:44:19	78797.02	394728.98	39.31	Soil	9,840	-1.17
08/31/2021	16:44:20	78797.08	394728.96	39.25	Soil	10,920	-0.41
08/31/2021	16:44:21	78796.98	394729.03	38.95	Soil	9,300	-1.55

SU 7D GWS RESULTS
(SOIL)

08/31/2021	16:44:22	78796.92	394729.17	38.90	Soil	10,320	-0.84
08/31/2021	16:44:23	78797.16	394729.12	39.06	Soil	9,780	-1.21
08/31/2021	16:44:24	78797.20	394729.10	39.14	Soil	10,320	-0.84
08/31/2021	16:44:25	78796.96	394729.19	39.10	Soil	10,560	-0.67
08/31/2021	16:44:26	78796.85	394729.45	39.18	Soil	9,480	-1.42
08/31/2021	16:44:27	78796.92	394729.76	39.20	Soil	9,900	-1.13
08/31/2021	16:44:28	78796.87	394729.47	39.21	Soil	9,360	-1.51
08/31/2021	16:44:29	78796.90	394729.26	39.24	Soil	10,440	-0.75
08/31/2021	16:44:30	78796.97	394729.74	39.30	Soil	10,500	-0.71
08/31/2021	16:44:31	78797.01	394729.87	39.28	Soil	11,400	-0.08
08/31/2021	16:44:32	78796.94	394729.37	39.28	Soil	9,480	-1.42
08/31/2021	16:44:33	78797.08	394729.43	39.37	Soil	10,800	-0.50
08/31/2021	16:44:34	78797.24	394729.79	39.42	Soil	9,900	-1.13
08/31/2021	16:44:35	78797.13	394729.55	39.36	Soil	8,700	-1.97
08/31/2021	16:44:36	78796.92	394729.29	39.30	Soil	11,520	0.01
08/31/2021	16:44:37	78796.83	394729.70	39.30	Soil	10,500	-0.71
08/31/2021	16:44:38	78796.69	394729.94	39.11	Soil	9,960	-1.09
08/31/2021	16:44:39	78796.46	394729.55	39.11	Soil	8,700	-1.97
08/31/2021	16:44:40	78796.54	394729.45	39.15	Soil	11,460	-0.04
08/31/2021	16:44:41	78796.71	394729.66	39.14	Soil	9,120	-1.68
08/31/2021	16:44:42	78796.73	394729.49	39.20	Soil	11,100	-0.29
08/31/2021	16:44:43	78796.57	394729.40	39.21	Soil	8,940	-1.80
08/31/2021	16:44:44	78796.50	394729.59	39.18	Soil	10,860	-0.46
08/31/2021	16:44:45	78796.49	394729.55	39.16	Soil	11,040	-0.33
08/31/2021	16:44:46	78796.28	394729.41	39.14	Soil	11,160	-0.25
08/31/2021	16:44:47	78796.22	394729.64	39.12	Soil	8,940	-1.80
08/31/2021	16:44:48	78796.37	394729.94	39.09	Soil	9,780	-1.21
08/31/2021	16:44:49	78796.33	394729.87	39.11	Soil	10,500	-0.71
08/31/2021	16:44:50	78796.16	394729.49	39.05	Soil	9,240	-1.59
08/31/2021	16:44:51	78796.15	394729.39	39.00	Soil	9,360	-1.51
08/31/2021	16:44:52	78796.17	394729.38	38.99	Soil	10,380	-0.79
08/31/2021	16:44:53	78796.17	394729.37	38.97	Soil	11,040	-0.33
08/31/2021	16:44:54	78796.17	394729.36	38.96	Soil	9,900	-1.13
08/31/2021	16:44:55	78796.18	394729.52	38.97	Soil	10,200	-0.92
08/31/2021	16:44:56	78796.03	394729.55	38.95	Soil	10,380	-0.79
08/31/2021	16:44:57	78795.87	394729.44	38.88	Soil	9,540	-1.38
08/31/2021	16:44:58	78795.92	394729.58	38.87	Soil	9,840	-1.17
08/31/2021	16:44:59	78796.04	394729.93	38.85	Soil	10,080	-1.00
08/31/2021	16:45:00	78796.04	394729.86	38.83	Soil	11,820	0.22
08/31/2021	16:45:01	78796.01	394729.56	38.80	Soil	10,140	-0.96
08/31/2021	16:45:02	78796.04	394729.52	38.80	Soil	9,420	-1.47
08/31/2021	16:45:03	78796.14	394729.78	38.87	Soil	11,280	-0.16
08/31/2021	16:45:04	78796.20	394729.99	38.84	Soil	9,180	-1.64
08/31/2021	16:45:05	78796.12	394729.81	38.86	Soil	10,200	-0.92
08/31/2021	16:45:06	78796.09	394729.50	38.87	Soil	9,540	-1.38
08/31/2021	16:45:07	78796.20	394729.56	38.89	Soil	10,260	-0.88
08/31/2021	16:45:08	78796.33	394729.86	38.89	Soil	8,820	-1.89
08/31/2021	16:45:09	78796.24	394729.85	38.86	Soil	9,960	-1.09
08/31/2021	16:45:10	78796.06	394729.56	38.84	Soil	11,160	-0.25
08/31/2021	16:45:11	78796.13	394729.39	38.86	Soil	10,260	-0.88
08/31/2021	16:45:12	78796.30	394729.53	38.90	Soil	10,620	-0.62

SU 7D GWS RESULTS
(SOIL)

08/31/2021	16:45:13	78796.46	394729.79	38.88	Soil	10,860	-0.46
08/31/2021	16:45:14	78796.46	394729.72	38.94	Soil	12,300	0.55
08/31/2021	16:45:15	78796.38	394729.41	38.89	Soil	9,060	-1.72
08/31/2021	16:45:16	78796.45	394729.27	38.97	Soil	9,420	-1.47
08/31/2021	16:45:17	78796.58	394729.38	38.91	Soil	10,740	-0.54
08/31/2021	16:45:18	78796.47	394729.32	38.89	Soil	11,220	-0.20
08/31/2021	16:45:19	78796.24	394729.27	38.85	Soil	9,600	-1.34
08/31/2021	16:45:20	78796.27	394729.53	38.85	Soil	10,680	-0.58
08/31/2021	16:45:21	78796.48	394729.79	38.82	Soil	10,380	-0.79
08/31/2021	16:45:22	78796.52	394729.67	38.86	Soil	8,580	-2.06
08/31/2021	16:45:23	78796.51	394729.36	38.90	Soil	9,720	-1.26
08/31/2021	16:45:24	78796.65	394729.29	38.95	Soil	9,540	-1.38
08/31/2021	16:45:25	78796.82	394729.62	38.98	Soil	10,320	-0.84
08/31/2021	16:45:26	78796.86	394729.79	38.99	Soil	9,900	-1.13
08/31/2021	16:45:27	78796.72	394729.57	38.95	Soil	9,480	-1.42
08/31/2021	16:45:28	78796.61	394729.30	38.98	Soil	9,840	-1.17
08/31/2021	16:45:29	78796.82	394729.30	39.16	Soil	10,740	-0.54
08/31/2021	16:45:30	78797.05	394729.51	39.15	Soil	10,140	-0.96
08/31/2021	16:45:31	78797.03	394729.75	39.06	Soil	10,440	-0.75
08/31/2021	16:45:32	78796.88	394729.64	39.00	Soil	10,020	-1.05
08/31/2021	16:45:33	78796.81	394729.33	39.02	Soil	13,200	1.19
08/31/2021	16:45:34	78796.91	394729.24	39.01	Soil	9,840	-1.17
08/31/2021	16:45:35	78797.03	394729.57	39.02	Soil	11,220	-0.20
08/31/2021	16:45:36	78797.05	394729.58	39.02	Soil	11,400	-0.08
08/31/2021	16:45:37	78796.96	394729.23	38.98	Soil	9,000	-1.76
08/31/2021	16:45:38	78796.96	394729.13	38.99	Soil	9,600	-1.34
08/31/2021	16:45:39	78797.17	394729.50	39.02	Soil	10,920	-0.41
08/31/2021	16:45:40	78797.18	394729.50	38.97	Soil	10,320	-0.84
08/31/2021	16:45:41	78796.99	394729.18	38.96	Soil	10,860	-0.46
08/31/2021	16:45:42	78796.92	394729.00	38.92	Soil	11,280	-0.16
08/31/2021	16:45:43	78797.01	394729.22	38.96	Soil	9,420	-1.47
08/31/2021	16:45:44	78797.05	394729.45	38.99	Soil	9,540	-1.38
08/31/2021	16:45:45	78797.02	394729.25	38.94	Soil	10,380	-0.79
08/31/2021	16:45:46	78797.10	394729.11	38.95	Soil	9,420	-1.47
08/31/2021	16:45:47	78797.20	394729.41	38.95	Soil	9,480	-1.42
08/31/2021	16:45:48	78797.34	394729.53	38.94	Soil	9,600	-1.34
08/31/2021	16:45:49	78797.22	394729.28	38.89	Soil	9,900	-1.13
08/31/2021	16:45:50	78797.23	394729.01	38.92	Soil	10,740	-0.54
08/31/2021	16:45:51	78797.32	394729.08	38.88	Soil	11,340	-0.12
08/31/2021	16:45:52	78797.52	394729.29	38.99	Soil	10,380	-0.79
08/31/2021	16:45:53	78797.66	394729.40	38.97	Soil	10,740	-0.54
08/31/2021	16:45:54	78797.53	394729.22	38.90	Soil	9,960	-1.09
08/31/2021	16:45:55	78797.48	394728.92	38.85	Soil	9,780	-1.21
08/31/2021	16:45:56	78797.69	394729.09	38.94	Soil	11,580	0.05
08/31/2021	16:45:57	78797.78	394729.20	38.95	Soil	10,260	-0.88
08/31/2021	16:45:58	78797.68	394728.84	38.84	Soil	9,300	-1.55
08/31/2021	16:45:59	78797.77	394728.77	38.86	Soil	11,400	-0.08
08/31/2021	16:46:00	78798.01	394728.99	38.95	Soil	9,720	-1.26
08/31/2021	16:46:01	78798.00	394728.96	38.94	Soil	11,040	-0.33
08/31/2021	16:46:02	78797.86	394728.72	38.80	Soil	10,860	-0.46
08/31/2021	16:46:03	78798.04	394728.79	38.95	Soil	10,800	-0.50

SU 7D GWS RESULTS
(SOIL)

08/31/2021	16:46:04	78798.23	394728.91	38.95	Soil	12,480	0.68
08/31/2021	16:46:05	78798.01	394728.82	38.89	Soil	11,040	-0.33
08/31/2021	16:46:06	78797.72	394728.77	38.84	Soil	10,140	-0.96
08/31/2021	16:46:07	78797.90	394728.79	38.98	Soil	11,340	-0.12
08/31/2021	16:46:08	78798.15	394728.75	39.00	Soil	11,520	0.01
08/31/2021	16:46:09	78797.96	394728.73	38.91	Soil	9,000	-1.76
08/31/2021	16:46:10	78797.78	394728.77	38.92	Soil	10,620	-0.62
08/31/2021	16:46:11	78797.99	394728.89	39.03	Soil	10,140	-0.96
08/31/2021	16:46:12	78797.91	394728.98	38.98	Soil	10,980	-0.37
08/31/2021	16:46:13	78797.71	394728.87	38.88	Soil	10,260	-0.88
08/31/2021	16:46:14	78797.97	394728.74	38.97	Soil	10,800	-0.50
08/31/2021	16:46:15	78798.21	394728.70	39.02	Soil	12,240	0.51
08/31/2021	16:46:16	78798.02	394728.56	38.90	Soil	10,800	-0.50
08/31/2021	16:46:17	78797.93	394728.59	38.90	Soil	10,500	-0.71
08/31/2021	16:46:18	78797.75	394728.75	38.85	Soil	11,160	-0.25
08/31/2021	16:46:19	78797.56	394728.85	39.06	Soil	11,640	0.09
08/31/2021	16:46:20	78797.41	394728.95	39.03	Soil	10,200	-0.92
08/31/2021	16:46:21	78797.37	394728.94	39.00	Soil	10,380	-0.79
08/31/2021	16:46:22	78797.47	394728.93	39.01	Soil	11,520	0.01
08/31/2021	16:46:23	78797.48	394728.90	39.00	Soil	11,580	0.05
08/31/2021	16:46:24	78797.43	394728.94	39.00	Soil	12,180	0.47
08/31/2021	16:46:25	78797.46	394728.96	38.99	Soil	11,520	0.01
08/31/2021	16:46:26	78797.47	394728.90	38.97	Soil	9,720	-1.26
08/31/2021	16:46:27	78797.49	394728.94	38.97	Soil	9,960	-1.09
08/31/2021	16:46:28	78797.49	394728.91	38.95	Soil	10,200	-0.92
08/31/2021	16:46:29	78797.46	394728.90	38.93	Soil	11,040	-0.33
08/31/2021	16:46:30	78797.38	394728.96	38.79	Soil	10,980	-0.37
08/31/2021	16:46:31	78797.26	394728.96	38.65	Soil	10,980	-0.37
08/31/2021	16:46:32	78797.16	394729.05	38.60	Soil	9,840	-1.17
08/31/2021	16:46:33	78797.23	394729.38	38.66	Soil	12,480	0.68
08/31/2021	16:46:34	78797.33	394729.59	38.67	Soil	9,720	-1.26
08/31/2021	16:46:35	78797.25	394729.28	38.61	Soil	10,980	-0.37
08/31/2021	16:46:36	78797.32	394729.27	38.65	Soil	9,480	-1.42
08/31/2021	16:46:37	78797.54	394729.63	38.74	Soil	10,440	-0.75
08/31/2021	16:46:38	78797.36	394729.53	38.70	Soil	12,480	0.68
08/31/2021	16:46:39	78796.96	394729.25	38.56	Soil	10,320	-0.84
08/31/2021	16:46:40	78796.82	394729.43	38.62	Soil	9,780	-1.21
08/31/2021	16:46:41	78796.89	394729.79	38.65	Soil	9,960	-1.09
08/31/2021	16:46:42	78796.85	394729.52	38.65	Soil	10,860	-0.46
08/31/2021	16:46:43	78796.93	394729.19	38.67	Soil	10,080	-1.00
08/31/2021	16:46:44	78797.12	394729.49	38.69	Soil	10,500	-0.71
08/31/2021	16:46:45	78797.07	394729.51	38.81	Soil	10,080	-1.00
08/31/2021	16:46:46	78796.75	394729.23	38.81	Soil	11,460	-0.04
08/31/2021	16:46:47	78796.52	394729.22	38.80	Soil	9,180	-1.64
08/31/2021	16:46:48	78796.56	394729.28	38.62	Soil	9,360	-1.51
08/31/2021	16:46:49	78796.59	394729.50	38.64	Soil	10,740	-0.54
08/31/2021	16:46:50	78796.53	394729.84	38.51	Soil	9,060	-1.72
08/31/2021	16:46:51	78796.46	394729.66	38.59	Soil	8,760	-1.93
08/31/2021	16:46:52	78796.53	394729.29	38.66	Soil	10,140	-0.96
08/31/2021	16:46:53	78796.80	394729.46	38.66	Soil	9,960	-1.09
08/31/2021	16:46:54	78796.88	394729.73	38.70	Soil	9,540	-1.38

SU 7D GWS RESULTS
(SOIL)

08/31/2021	16:46:55	78796.64	394729.62	38.70	Soil	9,720	-1.26
08/31/2021	16:46:56	78796.38	394729.45	38.64	Soil	10,260	-0.88
08/31/2021	16:46:57	78796.37	394729.72	38.54	Soil	10,800	-0.50
08/31/2021	16:46:58	78796.48	394729.89	38.45	Soil	11,160	-0.25
08/31/2021	16:46:59	78796.64	394729.74	38.56	Soil	10,140	-0.96
08/31/2021	16:47:00	78796.83	394729.67	38.62	Soil	9,540	-1.38
08/31/2021	16:47:01	78796.94	394729.87	38.66	Soil	9,660	-1.30
08/31/2021	16:47:02	78796.77	394729.71	38.60	Soil	8,820	-1.89
08/31/2021	16:47:03	78796.46	394729.31	38.46	Soil	10,560	-0.67
08/31/2021	16:47:04	78796.37	394729.31	38.43	Soil	10,080	-1.00
08/31/2021	16:47:05	78796.38	394729.58	38.37	Soil	8,760	-1.93
08/31/2021	16:47:06	78796.24	394729.49	38.33	Soil	10,440	-0.75
08/31/2021	16:47:07	78796.14	394729.29	38.51	Soil	10,920	-0.41
08/31/2021	16:47:08	78796.35	394729.26	38.49	Soil	9,480	-1.42
08/31/2021	16:47:09	78796.50	394729.27	38.48	Soil	9,660	-1.30
08/31/2021	16:47:10	78796.33	394729.18	38.45	Soil	9,540	-1.38
08/31/2021	16:47:11	78796.39	394729.21	38.46	Soil	10,260	-0.88
08/31/2021	16:47:12	78796.48	394729.25	38.43	Soil	10,080	-1.00
08/31/2021	16:47:13	78796.31	394729.19	38.57	Soil	10,320	-0.84
08/31/2021	16:47:14	78796.42	394729.23	38.57	Soil	10,320	-0.84
08/31/2021	16:47:15	78796.60	394729.35	38.52	Soil	9,360	-1.51
08/31/2021	16:47:16	78796.50	394729.58	38.87	Soil	11,280	-0.16
08/31/2021	16:47:17	78796.57	394729.70	38.81	Soil	11,820	0.22
08/31/2021	16:47:18	78796.62	394729.71	38.86	Soil	9,300	-1.55
08/31/2021	16:47:19	78796.54	394729.82	38.81	Soil	10,500	-0.71
08/31/2021	16:47:20	78796.64	394729.91	38.82	Soil	9,960	-1.09
08/31/2021	16:47:21	78796.64	394730.03	38.70	Soil	9,300	-1.55
08/31/2021	16:47:22	78796.64	394730.05	38.63	Soil	9,660	-1.30
08/31/2021	16:47:23	78796.71	394729.97	38.58	Soil	9,600	-1.34
08/31/2021	16:47:24	78796.70	394730.04	38.50	Soil	10,200	-0.92
08/31/2021	16:47:25	78796.62	394730.14	38.49	Soil	10,380	-0.79
08/31/2021	16:47:26	78796.41	394730.18	38.40	Soil	9,660	-1.30
08/31/2021	16:47:27	78796.34	394730.10	38.38	Soil	10,620	-0.62
08/31/2021	16:47:28	78796.38	394730.24	38.46	Soil	9,240	-1.59
08/31/2021	16:47:29	78796.38	394730.55	38.48	Soil	10,800	-0.50
08/31/2021	16:47:30	78796.34	394730.45	38.50	Soil	10,380	-0.79
08/31/2021	16:47:31	78796.42	394730.14	38.52	Soil	9,900	-1.13
08/31/2021	16:47:32	78796.60	394730.24	38.58	Soil	9,960	-1.09
08/31/2021	16:47:33	78796.70	394730.25	38.57	Soil	10,560	-0.67
08/31/2021	16:47:34	78796.75	394730.16	38.63	Soil	9,960	-1.09
08/31/2021	16:47:35	78796.77	394730.39	38.64	Soil	10,620	-0.62
08/31/2021	16:47:36	78796.80	394730.61	38.70	Soil	10,800	-0.50
08/31/2021	16:47:37	78796.82	394730.59	38.75	Soil	9,360	-1.51
08/31/2021	16:47:38	78796.83	394730.19	38.78	Soil	10,500	-0.71
08/31/2021	16:47:39	78796.89	394729.94	38.79	Soil	10,620	-0.62
08/31/2021	16:47:40	78796.92	394730.02	38.81	Soil	10,680	-0.58
08/31/2021	16:47:41	78796.92	394730.20	38.77	Soil	9,540	-1.38
08/31/2021	16:47:42	78796.83	394730.15	38.78	Soil	10,740	-0.54
08/31/2021	16:47:43	78796.74	394730.10	38.78	Soil	10,200	-0.92
08/31/2021	16:47:44	78796.80	394730.31	38.78	Soil	10,140	-0.96
08/31/2021	16:47:45	78796.91	394730.42	38.78	Soil	9,540	-1.38

SU 7D GWS RESULTS
(SOIL)

08/31/2021	16:47:46	78797.00	394730.27	38.80	Soil	9,060	-1.72
08/31/2021	16:47:47	78797.07	394730.10	38.83	Soil	9,540	-1.38
08/31/2021	16:47:48	78797.08	394730.15	38.88	Soil	11,220	-0.20
08/31/2021	16:47:49	78797.09	394730.22	38.84	Soil	10,860	-0.46
08/31/2021	16:47:50	78797.12	394730.10	38.84	Soil	9,180	-1.64
08/31/2021	16:47:51	78797.22	394730.10	38.85	Soil	11,880	0.26
08/31/2021	16:47:52	78797.25	394730.35	38.85	Soil	10,500	-0.71
08/31/2021	16:47:53	78797.29	394730.57	38.85	Soil	10,080	-1.00
08/31/2021	16:47:54	78797.31	394730.34	38.85	Soil	10,380	-0.79
08/31/2021	16:47:55	78797.28	394730.07	38.80	Soil	10,140	-0.96
08/31/2021	16:47:56	78797.34	394730.25	38.84	Soil	9,540	-1.38
08/31/2021	16:47:57	78797.47	394730.38	38.86	Soil	8,400	-2.18
08/31/2021	16:47:58	78797.55	394730.16	38.74	Soil	10,140	-0.96
08/31/2021	16:47:59	78797.54	394730.17	38.79	Soil	9,120	-1.68
08/31/2021	16:48:00	78797.34	394730.29	38.84	Soil	10,500	-0.71
08/31/2021	16:48:01	78797.26	394730.20	38.83	Soil	10,200	-0.92
08/31/2021	16:48:02	78797.33	394730.21	38.79	Soil	9,480	-1.42
08/31/2021	16:48:03	78797.27	394730.23	38.93	Soil	10,080	-1.00
08/31/2021	16:48:04	78797.17	394730.27	39.08	Soil	12,420	0.64
08/31/2021	16:48:05	78797.12	394730.29	39.17	Soil	11,340	-0.12
08/31/2021	16:48:06	78797.14	394730.25	39.35	Soil	10,620	-0.62
08/31/2021	16:48:07	78797.19	394730.24	39.29	Soil	9,660	-1.30
08/31/2021	16:48:08	78797.21	394730.23	39.27	Soil	10,080	-1.00
08/31/2021	16:48:09	78797.22	394730.22	39.26	Soil	9,300	-1.55
08/31/2021	16:48:10	78797.22	394730.21	39.28	Soil	11,400	-0.08
08/31/2021	16:48:11	78797.25	394730.19	39.28	Soil	9,720	-1.26
08/31/2021	16:48:12	78797.29	394730.17	39.30	Soil	10,800	-0.50
08/31/2021	16:48:13	78797.36	394730.18	39.30	Soil	10,380	-0.79
08/31/2021	16:48:14	78797.38	394730.18	39.35	Soil	10,080	-1.00
08/31/2021	16:48:15	78797.41	394730.19	39.37	Soil	9,660	-1.30
08/31/2021	16:48:16	78797.43	394730.19	39.39	Soil	10,440	-0.75
08/31/2021	16:48:17	78797.46	394730.19	39.37	Soil	10,560	-0.67
08/31/2021	16:48:18	78797.48	394730.19	39.39	Soil	10,740	-0.54
08/31/2021	16:48:19	78797.49	394730.20	39.41	Soil	9,840	-1.17
08/31/2021	16:48:20	78797.51	394730.21	39.42	Soil	9,360	-1.51
08/31/2021	16:48:21	78797.33	394730.27	39.45	Soil	10,800	-0.50
08/31/2021	16:48:22	78797.03	394730.34	39.47	Soil	10,740	-0.54
08/31/2021	16:48:23	78796.84	394730.43	39.52	Soil	10,020	-1.05
08/31/2021	16:48:24	78796.59	394730.51	39.53	Soil	10,020	-1.05
08/31/2021	16:48:25	78796.22	394730.52	39.53	Soil	10,260	-0.88
08/31/2021	16:48:26	78795.87	394730.55	39.54	Soil	9,780	-1.21
08/31/2021	16:48:27	78795.51	394730.59	39.57	Soil	9,420	-1.47
08/31/2021	16:48:28	78795.13	394730.63	39.61	Soil	10,080	-1.00
08/31/2021	16:48:29	78794.80	394730.67	39.66	Soil	10,740	-0.54
08/31/2021	16:48:30	78794.56	394730.68	39.68	Soil	11,160	-0.25
08/31/2021	16:48:31	78794.54	394730.72	39.69	Soil	8,760	-1.93
08/31/2021	16:48:32	78794.60	394730.80	39.73	Soil	9,660	-1.30
08/31/2021	16:48:33	78794.60	394730.83	39.74	Soil	10,680	-0.58
08/31/2021	16:48:34	78794.59	394730.83	39.74	Soil	9,180	-1.64
08/31/2021	16:48:35	78794.59	394730.83	39.75	Soil	10,440	-0.75
08/31/2021	16:48:36	78794.57	394730.83	39.75	Soil	10,620	-0.62

SU 7D GWS RESULTS
(SOIL)

08/31/2021	16:48:37	78794.56	394730.84	39.77	Soil	8,940	-1.80
08/31/2021	16:48:38	78794.54	394730.85	39.77	Soil	8,820	-1.89
08/31/2021	16:48:39	78794.54	394730.86	39.78	Soil	10,140	-0.96
08/31/2021	16:48:40	78794.51	394730.87	39.80	Soil	9,480	-1.42
08/31/2021	16:48:41	78794.51	394730.87	39.80	Soil	9,360	-1.51
08/31/2021	16:48:42	78794.49	394730.87	39.81	Soil	10,020	-1.05
08/31/2021	16:48:43	78794.49	394730.85	39.82	Soil	10,380	-0.79
08/31/2021	16:48:44	78794.48	394730.72	39.90	Soil	9,060	-1.72
08/31/2021	16:48:45	78794.46	394730.55	39.94	Soil	10,020	-1.05
08/31/2021	16:48:46	78794.45	394730.38	40.01	Soil	9,840	-1.17
08/31/2021	16:48:47	78794.43	394730.25	40.05	Soil	10,680	-0.58
08/31/2021	16:48:48	78794.43	394730.21	40.04	Soil	10,860	-0.46
08/31/2021	16:48:49	78794.45	394730.20	40.05	Soil	10,260	-0.88
08/31/2021	16:48:50	78794.46	394730.19	40.01	Soil	11,160	-0.25
08/31/2021	16:48:51	78794.40	394730.16	39.83	Soil	10,200	-0.92
08/31/2021	16:48:52	78794.43	394730.13	39.82	Soil	9,840	-1.17
08/31/2021	16:48:53	78794.43	394730.11	39.79	Soil	9,600	-1.34
08/31/2021	16:48:54	78794.38	394730.09	39.79	Soil	10,140	-0.96
08/31/2021	16:48:55	78794.40	394730.08	39.77	Soil	9,660	-1.30
08/31/2021	16:48:56	78794.39	394730.03	39.71	Soil	10,020	-1.05
08/31/2021	16:48:57	78794.39	394729.90	39.56	Soil	11,100	-0.29
08/31/2021	16:48:58	78794.39	394729.74	39.45	Soil	10,140	-0.96
08/31/2021	16:48:59	78794.40	394729.63	39.40	Soil	10,080	-1.00
08/31/2021	16:49:00	78794.42	394729.62	39.36	Soil	10,260	-0.88
08/31/2021	16:49:01	78794.41	394729.62	39.38	Soil	9,960	-1.09
08/31/2021	16:49:02	78794.43	394729.66	39.31	Soil	10,740	-0.54
08/31/2021	16:49:03	78794.44	394729.77	39.27	Soil	9,840	-1.17
08/31/2021	16:49:04	78794.46	394729.91	39.19	Soil	9,360	-1.51
08/31/2021	16:49:05	78794.47	394730.03	39.12	Soil	10,140	-0.96
08/31/2021	16:49:06	78794.46	394730.11	39.08	Soil	9,120	-1.68
08/31/2021	16:49:07	78794.56	394730.12	39.07	Soil	9,300	-1.55
08/31/2021	16:49:08	78794.58	394730.12	39.04	Soil	9,420	-1.47
08/31/2021	16:49:09	78794.53	394730.13	39.00	Soil	9,540	-1.38
08/31/2021	16:49:10	78794.58	394730.19	38.88	Soil	10,380	-0.79
08/31/2021	16:49:11	78794.54	394730.32	38.64	Soil	8,760	-1.93
08/31/2021	16:49:12	78794.48	394730.23	37.98	Soil	10,020	-1.05
08/31/2021	16:49:13	78794.52	394730.14	37.73	Soil	10,440	-0.75
08/31/2021	16:49:14	78794.46	394730.16	37.65	Soil	9,960	-1.09
08/31/2021	16:49:15	78794.38	394730.15	37.66	Soil	11,700	0.13
08/31/2021	16:49:16	78794.51	394730.17	37.71	Soil	10,860	-0.46
08/31/2021	16:49:17	78794.69	394730.47	37.69	Soil	10,260	-0.88
08/31/2021	16:49:18	78794.66	394730.57	37.62	Soil	10,860	-0.46
08/31/2021	16:49:19	78794.54	394730.27	37.54	Soil	10,200	-0.92
08/31/2021	16:49:20	78794.52	394730.09	37.51	Soil	10,920	-0.41
08/31/2021	16:49:21	78794.54	394730.41	37.45	Soil	10,260	-0.88
08/31/2021	16:49:22	78794.47	394730.57	37.36	Soil	9,540	-1.38
08/31/2021	16:49:23	78794.44	394730.25	37.30	Soil	10,860	-0.46
08/31/2021	16:49:24	78794.42	394730.10	37.28	Soil	10,920	-0.41
08/31/2021	16:49:25	78794.37	394730.30	37.22	Soil	10,620	-0.62
08/31/2021	16:49:26	78794.23	394730.38	37.17	Soil	10,680	-0.58
08/31/2021	16:49:27	78794.16	394730.08	37.14	Soil	9,660	-1.30

SU 7D GWS RESULTS
(SOIL)

08/31/2021	16:49:28	78794.27	394730.03	37.13	Soil	11,820	0.22
08/31/2021	16:49:29	78794.36	394730.35	37.18	Soil	11,100	-0.29
08/31/2021	16:49:30	78794.38	394730.41	37.21	Soil	11,460	-0.04
08/31/2021	16:49:31	78794.50	394730.13	37.23	Soil	9,240	-1.59
08/31/2021	16:49:32	78794.61	394730.12	37.19	Soil	10,800	-0.50
08/31/2021	16:49:33	78794.70	394730.40	37.24	Soil	11,520	0.01
08/31/2021	16:49:34	78794.78	394730.38	37.26	Soil	11,040	-0.33
08/31/2021	16:49:35	78794.83	394730.12	37.31	Soil	11,400	-0.08
08/31/2021	16:49:36	78794.92	394729.98	37.27	Soil	10,260	-0.88
08/31/2021	16:49:37	78794.90	394730.18	37.24	Soil	9,900	-1.13
08/31/2021	16:49:38	78794.79	394730.42	37.17	Soil	10,680	-0.58
08/31/2021	16:49:39	78794.72	394730.24	37.19	Soil	11,520	0.01
08/31/2021	16:49:40	78794.77	394729.98	37.17	Soil	10,920	-0.41
08/31/2021	16:49:41	78794.83	394730.02	37.15	Soil	10,800	-0.50
08/31/2021	16:49:42	78794.92	394730.36	37.21	Soil	10,680	-0.58
08/31/2021	16:49:43	78794.89	394730.42	37.15	Soil	10,500	-0.71
08/31/2021	16:49:44	78794.85	394730.11	37.16	Soil	11,100	-0.29
08/31/2021	16:49:45	78794.92	394729.91	37.11	Soil	9,540	-1.38
08/31/2021	16:49:46	78794.97	394730.09	37.15	Soil	10,380	-0.79
08/31/2021	16:49:47	78795.00	394730.28	37.14	Soil	9,900	-1.13
08/31/2021	16:49:48	78794.98	394730.07	37.13	Soil	11,220	-0.20
08/31/2021	16:49:49	78795.07	394729.79	37.10	Soil	8,460	-2.14
08/31/2021	16:49:50	78795.09	394729.98	37.16	Soil	10,020	-1.05
08/31/2021	16:49:51	78795.09	394730.30	37.19	Soil	10,320	-0.84
08/31/2021	16:49:52	78795.07	394730.06	37.11	Soil	9,420	-1.47
08/31/2021	16:49:53	78795.06	394729.82	37.09	Soil	9,780	-1.21
08/31/2021	16:49:54	78794.98	394729.89	37.12	Soil	11,220	-0.20
08/31/2021	16:49:55	78794.84	394729.99	37.14	Soil	10,140	-0.96
08/31/2021	16:49:56	78794.92	394729.93	37.15	Soil	11,100	-0.29
08/31/2021	16:49:57	78795.07	394729.88	37.19	Soil	10,800	-0.50
08/31/2021	16:49:58	78794.93	394729.91	37.13	Soil	11,220	-0.20
08/31/2021	16:49:59	78794.69	394729.91	37.11	Soil	9,780	-1.21
08/31/2021	16:50:00	78794.80	394729.85	37.13	Soil	10,980	-0.37
08/31/2021	16:50:01	78794.92	394729.82	37.12	Soil	10,620	-0.62
08/31/2021	16:50:02	78794.72	394729.86	37.07	Soil	9,420	-1.47
08/31/2021	16:50:03	78794.56	394729.90	36.97	Soil	10,620	-0.62
08/31/2021	16:50:04	78794.65	394729.90	37.03	Soil	10,260	-0.88
08/31/2021	16:50:05	78794.83	394729.91	37.10	Soil	9,720	-1.26
08/31/2021	16:50:06	78794.70	394729.91	37.10	Soil	10,740	-0.54
08/31/2021	16:50:07	78794.45	394729.86	37.08	Soil	11,220	-0.20
08/31/2021	16:50:08	78794.60	394729.85	37.10	Soil	11,040	-0.33
08/31/2021	16:50:09	78794.78	394729.87	37.12	Soil	9,960	-1.09
08/31/2021	16:50:10	78794.67	394729.85	37.10	Soil	9,960	-1.09
08/31/2021	16:50:11	78794.59	394729.86	37.09	Soil	10,920	-0.41
08/31/2021	16:50:12	78794.65	394729.99	37.13	Soil	11,580	0.05
08/31/2021	16:50:13	78794.61	394730.00	37.14	Soil	9,720	-1.26
08/31/2021	16:50:14	78794.61	394729.76	37.12	Soil	10,560	-0.67
08/31/2021	16:50:15	78794.69	394729.74	37.16	Soil	10,920	-0.41
08/31/2021	16:50:16	78794.72	394730.00	37.18	Soil	10,140	-0.96
08/31/2021	16:50:17	78794.69	394729.88	37.16	Soil	11,100	-0.29
08/31/2021	16:50:18	78794.72	394729.65	37.16	Soil	10,980	-0.37

SU 7D GWS RESULTS
(SOIL)

08/31/2021	16:50:19	78794.74	394729.84	37.15	Soil	10,260	-0.88
08/31/2021	16:50:20	78794.74	394729.93	37.15	Soil	11,520	0.01
08/31/2021	16:50:21	78794.79	394729.70	37.20	Soil	10,740	-0.54
08/31/2021	16:50:22	78794.78	394729.78	37.22	Soil	11,220	-0.20
08/31/2021	16:50:23	78794.76	394729.90	37.22	Soil	9,180	-1.64
08/31/2021	16:50:24	78794.83	394729.70	37.22	Soil	10,920	-0.41
08/31/2021	16:50:25	78794.86	394729.74	37.27	Soil	10,320	-0.84
08/31/2021	16:50:26	78794.86	394729.94	37.27	Soil	10,980	-0.37
08/31/2021	16:50:27	78794.87	394729.82	37.27	Soil	10,080	-1.00
08/31/2021	16:50:28	78794.85	394729.76	37.34	Soil	9,600	-1.34
08/31/2021	16:50:29	78794.76	394729.80	37.35	Soil	8,940	-1.80
08/31/2021	16:50:30	78794.82	394729.75	37.38	Soil	11,820	0.22
08/31/2021	16:50:31	78794.96	394729.76	37.44	Soil	9,120	-1.68
08/31/2021	16:50:32	78794.94	394729.88	37.37	Soil	10,560	-0.67
08/31/2021	16:50:33	78794.91	394729.76	37.39	Soil	9,180	-1.64
08/31/2021	16:50:34	78794.98	394729.64	37.40	Soil	11,640	0.09
08/31/2021	16:50:35	78794.93	394729.83	37.42	Soil	12,600	0.76
08/31/2021	16:50:36	78795.00	394729.84	37.47	Soil	11,280	-0.16
08/31/2021	16:50:37	78795.14	394729.70	37.49	Soil	9,720	-1.26
08/31/2021	16:50:38	78795.22	394729.87	37.56	Soil	11,100	-0.29
08/31/2021	16:50:39	78795.23	394729.84	37.56	Soil	10,980	-0.37
08/31/2021	16:50:40	78795.21	394729.60	37.54	Soil	12,240	0.51
08/31/2021	16:50:41	78795.18	394729.83	37.67	Soil	9,480	-1.42
08/31/2021	16:50:42	78795.19	394729.94	37.66	Soil	10,080	-1.00
08/31/2021	16:50:43	78795.28	394729.72	37.65	Soil	8,760	-1.93
08/31/2021	16:50:44	78795.40	394729.91	37.69	Soil	9,900	-1.13
08/31/2021	16:50:45	78795.54	394729.90	37.74	Soil	10,320	-0.84
08/31/2021	16:50:46	78795.57	394729.60	37.71	Soil	11,220	-0.20
08/31/2021	16:50:47	78795.53	394729.70	37.75	Soil	9,960	-1.09
08/31/2021	16:50:48	78795.54	394729.91	37.70	Soil	9,780	-1.21
08/31/2021	16:50:49	78795.65	394729.67	37.73	Soil	9,960	-1.09
08/31/2021	16:50:50	78795.71	394729.60	37.79	Soil	9,960	-1.09
08/31/2021	16:50:51	78795.70	394729.88	37.78	Soil	10,620	-0.62
08/31/2021	16:50:52	78795.66	394729.88	37.76	Soil	9,720	-1.26
08/31/2021	16:50:53	78795.69	394729.53	37.69	Soil	9,780	-1.21
08/31/2021	16:50:54	78795.76	394729.24	37.70	Soil	10,320	-0.84
08/31/2021	16:50:55	78795.72	394729.09	37.78	Soil	11,340	-0.12
08/31/2021	16:50:56	78795.68	394729.03	37.81	Soil	10,560	-0.67
08/31/2021	16:50:57	78795.75	394729.21	37.87	Soil	11,100	-0.29
08/31/2021	16:50:58	78795.87	394729.56	37.93	Soil	10,200	-0.92
08/31/2021	16:50:59	78795.94	394729.51	37.88	Soil	9,300	-1.55
08/31/2021	16:51:00	78795.95	394729.14	37.90	Soil	9,720	-1.26
08/31/2021	16:51:01	78795.97	394729.23	37.90	Soil	10,080	-1.00
08/31/2021	16:51:02	78796.02	394729.72	37.94	Soil	9,660	-1.30
08/31/2021	16:51:03	78795.95	394729.87	37.79	Soil	9,360	-1.51
08/31/2021	16:51:04	78795.86	394729.59	37.70	Soil	9,120	-1.68
08/31/2021	16:51:05	78795.79	394729.44	37.67	Soil	9,900	-1.13
08/31/2021	16:51:06	78795.63	394729.71	37.68	Soil	10,380	-0.79
08/31/2021	16:51:07	78795.36	394729.96	38.02	Soil	10,500	-0.71
08/31/2021	16:51:08	78795.29	394729.81	38.03	Soil	10,200	-0.92
08/31/2021	17:05:46	78793.21	394728.31	36.63	Soil	11,220	-0.20

SU 7D GWS RESULTS
(SOIL)

08/31/2021	17:05:47	78793.21	394728.32	36.63	Soil	10,440	-0.75
08/31/2021	17:05:48	78793.22	394728.32	36.64	Soil	11,460	-0.04
08/31/2021	17:05:49	78793.21	394728.32	36.64	Soil	9,240	-1.59
08/31/2021	17:05:50	78793.23	394728.35	36.70	Soil	12,180	0.47
08/31/2021	17:05:51	78793.34	394728.42	36.68	Soil	11,760	0.18
08/31/2021	17:05:52	78793.45	394728.42	36.72	Soil	11,340	-0.12
08/31/2021	17:05:53	78793.28	394728.32	36.75	Soil	9,360	-1.51
08/31/2021	17:05:54	78793.27	394728.17	36.85	Soil	9,900	-1.13
08/31/2021	17:05:55	78793.67	394728.29	36.92	Soil	10,560	-0.67
08/31/2021	17:05:56	78793.93	394728.47	36.87	Soil	9,960	-1.09
08/31/2021	17:05:57	78793.55	394728.39	36.79	Soil	9,000	-1.76
08/31/2021	17:05:58	78793.20	394728.30	36.81	Soil	11,520	0.01
08/31/2021	17:05:59	78793.38	394728.39	36.92	Soil	11,940	0.30
08/31/2021	17:06:00	78793.77	394728.49	36.90	Soil	9,240	-1.59
08/31/2021	17:06:01	78793.53	394728.50	36.81	Soil	9,600	-1.34
08/31/2021	17:06:02	78793.27	394728.29	36.85	Soil	9,720	-1.26
08/31/2021	17:06:03	78793.28	394728.14	36.88	Soil	10,260	-0.88
08/31/2021	17:06:04	78793.29	394728.17	36.95	Soil	10,320	-0.84
08/31/2021	17:06:05	78793.28	394728.16	37.00	Soil	10,380	-0.79
08/31/2021	17:06:06	78793.34	394728.18	37.52	Soil	10,440	-0.75
08/31/2021	17:06:07	78793.33	394728.27	37.75	Soil	9,300	-1.55
08/31/2021	17:06:08	78793.25	394728.35	37.68	Soil	10,080	-1.00
08/31/2021	17:06:09	78793.20	394728.51	37.61	Soil	10,740	-0.54
08/31/2021	17:06:10	78793.26	394728.54	37.54	Soil	11,760	0.18
08/31/2021	17:06:11	78793.18	394728.68	37.45	Soil	10,380	-0.79
08/31/2021	17:06:12	78793.19	394728.77	37.27	Soil	9,540	-1.38
08/31/2021	17:06:13	78793.20	394728.75	37.01	Soil	11,340	-0.12
08/31/2021	17:06:14	78793.19	394728.70	36.93	Soil	11,520	0.01
08/31/2021	17:06:15	78793.22	394728.66	36.73	Soil	10,020	-1.05
08/31/2021	17:06:16	78793.08	394728.83	36.54	Soil	9,840	-1.17
08/31/2021	17:06:17	78792.91	394728.92	36.54	Soil	9,840	-1.17
08/31/2021	17:06:18	78792.98	394728.75	36.57	Soil	11,580	0.05
08/31/2021	17:06:19	78793.03	394728.62	36.56	Soil	9,240	-1.59
08/31/2021	17:06:20	78793.04	394728.92	36.50	Soil	10,380	-0.79
08/31/2021	17:06:21	78793.00	394729.17	36.51	Soil	9,360	-1.51
08/31/2021	17:06:22	78792.93	394728.80	36.55	Soil	9,480	-1.42
08/31/2021	17:06:23	78792.90	394728.55	36.53	Soil	12,060	0.39
08/31/2021	17:06:24	78792.89	394728.97	36.44	Soil	10,740	-0.54
08/31/2021	17:06:25	78792.83	394729.28	36.39	Soil	10,620	-0.62
08/31/2021	17:06:26	78792.78	394728.90	36.43	Soil	10,800	-0.50
08/31/2021	17:06:27	78792.93	394728.61	36.49	Soil	9,360	-1.51
08/31/2021	17:06:28	78793.20	394729.01	36.46	Soil	10,080	-1.00
08/31/2021	17:06:29	78793.36	394729.24	36.46	Soil	9,900	-1.13
08/31/2021	17:06:30	78793.23	394728.91	36.50	Soil	11,160	-0.25
08/31/2021	17:06:31	78793.36	394728.99	36.54	Soil	9,540	-1.38
08/31/2021	17:06:32	78793.52	394729.12	36.58	Soil	9,420	-1.47
08/31/2021	17:06:33	78793.68	394728.98	36.66	Soil	11,400	-0.08
08/31/2021	17:06:34	78793.67	394728.78	36.59	Soil	8,520	-2.10
08/31/2021	17:06:35	78793.45	394728.90	36.59	Soil	10,560	-0.67
08/31/2021	17:06:36	78793.45	394729.04	36.68	Soil	9,720	-1.26
08/31/2021	17:06:37	78793.68	394728.87	36.65	Soil	10,920	-0.41

SU 7D GWS RESULTS
(SOIL)

08/31/2021	17:06:38	78793.61	394728.96	36.49	Soil	10,140	-0.96
08/31/2021	17:06:39	78793.31	394729.15	36.42	Soil	10,860	-0.46
08/31/2021	17:06:40	78793.23	394728.97	36.52	Soil	9,540	-1.38
08/31/2021	17:06:41	78793.23	394728.88	36.50	Soil	10,140	-0.96
08/31/2021	17:06:42	78793.31	394728.76	36.54	Soil	9,660	-1.30
08/31/2021	17:06:43	78793.36	394728.74	36.53	Soil	11,160	-0.25
08/31/2021	17:06:44	78793.45	394728.86	36.58	Soil	9,840	-1.17
08/31/2021	17:06:45	78793.70	394728.92	36.60	Soil	10,020	-1.05
08/31/2021	17:06:46	78793.73	394728.83	36.64	Soil	9,720	-1.26
08/31/2021	17:06:47	78793.65	394728.69	36.66	Soil	9,600	-1.34
08/31/2021	17:06:48	78793.78	394728.88	36.71	Soil	9,240	-1.59
08/31/2021	17:06:49	78793.76	394729.12	36.70	Soil	11,700	0.13
08/31/2021	17:06:50	78793.56	394729.09	36.73	Soil	11,520	0.01
08/31/2021	17:06:51	78793.36	394728.98	36.73	Soil	10,500	-0.71
08/31/2021	17:06:52	78793.66	394729.04	36.74	Soil	10,920	-0.41
08/31/2021	17:06:53	78793.88	394728.97	36.66	Soil	11,760	0.18
08/31/2021	17:06:54	78793.59	394728.84	36.61	Soil	9,000	-1.76
08/31/2021	17:06:55	78793.49	394728.86	36.57	Soil	8,520	-2.10
08/31/2021	17:06:56	78793.57	394728.88	36.60	Soil	9,120	-1.68
08/31/2021	17:06:57	78793.55	394728.78	36.67	Soil	10,680	-0.58
08/31/2021	17:06:58	78793.57	394728.72	37.19	Soil	11,640	0.09
08/31/2021	17:06:59	78793.57	394728.85	37.23	Soil	10,920	-0.41
08/31/2021	17:07:00	78793.45	394728.87	37.25	Soil	10,140	-0.96
08/31/2021	17:07:01	78793.56	394728.81	37.29	Soil	10,380	-0.79
08/31/2021	17:07:02	78793.57	394728.84	37.22	Soil	10,020	-1.05
08/31/2021	17:07:03	78793.53	394728.96	37.18	Soil	8,940	-1.80
08/31/2021	17:07:04	78793.46	394729.14	37.11	Soil	10,440	-0.75
08/31/2021	17:07:05	78793.50	394729.21	37.05	Soil	10,260	-0.88
08/31/2021	17:07:06	78793.53	394729.31	36.99	Soil	10,080	-1.00
08/31/2021	17:07:07	78793.52	394729.44	36.81	Soil	10,080	-1.00
08/31/2021	17:07:08	78793.52	394729.45	36.69	Soil	10,320	-0.84
08/31/2021	17:07:09	78793.52	394729.48	36.64	Soil	11,220	-0.20
08/31/2021	17:07:10	78793.47	394729.46	36.62	Soil	9,900	-1.13
08/31/2021	17:07:11	78793.42	394729.42	36.64	Soil	9,180	-1.64
08/31/2021	17:07:12	78793.60	394729.52	36.69	Soil	8,160	-2.35
08/31/2021	17:07:13	78793.91	394729.67	36.72	Soil	9,240	-1.59
08/31/2021	17:07:14	78793.85	394729.67	36.61	Soil	10,500	-0.71
08/31/2021	17:07:15	78793.51	394729.60	36.52	Soil	9,540	-1.38
08/31/2021	17:07:16	78793.60	394729.66	36.66	Soil	9,240	-1.59
08/31/2021	17:07:17	78793.85	394729.69	36.71	Soil	10,020	-1.05
08/31/2021	17:07:18	78793.89	394729.62	36.72	Soil	11,280	-0.16
08/31/2021	17:07:19	78793.73	394729.58	36.71	Soil	10,380	-0.79
08/31/2021	17:07:20	78793.49	394729.52	36.64	Soil	8,820	-1.89
08/31/2021	17:07:21	78793.33	394729.43	36.63	Soil	10,620	-0.62
08/31/2021	17:07:22	78793.27	394729.40	36.63	Soil	11,100	-0.29
08/31/2021	17:07:23	78793.22	394729.36	36.65	Soil	10,200	-0.92
08/31/2021	17:07:24	78793.36	394729.27	36.68	Soil	10,620	-0.62
08/31/2021	17:07:25	78793.37	394729.37	36.70	Soil	10,920	-0.41
08/31/2021	17:07:26	78793.34	394729.42	36.69	Soil	9,060	-1.72
08/31/2021	17:07:27	78793.41	394729.32	36.70	Soil	9,720	-1.26
08/31/2021	17:07:28	78793.39	394729.40	36.72	Soil	9,960	-1.09

SU 7D GWS RESULTS
(SOIL)

08/31/2021	17:07:29	78793.39	394729.43	36.78	Soil	10,500	-0.71
08/31/2021	17:07:30	78793.51	394729.32	36.85	Soil	10,920	-0.41
08/31/2021	17:07:31	78793.51	394729.38	36.86	Soil	10,200	-0.92
08/31/2021	17:07:32	78793.47	394729.37	36.85	Soil	9,180	-1.64
08/31/2021	17:07:33	78793.47	394729.42	37.47	Soil	10,200	-0.92
08/31/2021	17:07:34	78793.47	394729.65	37.79	Soil	9,540	-1.38
08/31/2021	17:07:35	78793.40	394729.52	38.31	Soil	9,840	-1.17
08/31/2021	17:07:36	78793.21	394729.49	39.13	Soil	10,440	-0.75
08/31/2021	17:07:37	78792.97	394729.24	39.13	Soil	11,940	0.30
08/31/2021	17:07:38	78792.91	394729.25	38.57	Soil	8,040	-2.44
08/31/2021	17:07:39	78793.00	394729.40	38.55	Soil	7,140	-3.07
08/31/2021	17:08:36	78792.78	394730.24	36.67	Soil	10,500	-0.71
08/31/2021	17:08:37	78792.86	394730.24	36.64	Soil	10,500	-0.71
08/31/2021	17:08:38	78793.16	394730.34	36.62	Soil	9,780	-1.21
08/31/2021	17:08:39	78793.16	394730.31	36.57	Soil	9,960	-1.09
08/31/2021	17:08:40	78793.14	394730.33	36.60	Soil	9,660	-1.30
08/31/2021	17:08:41	78792.97	394730.32	36.63	Soil	9,660	-1.30
08/31/2021	17:08:42	78792.74	394730.31	36.57	Soil	9,600	-1.34
08/31/2021	17:08:43	78792.92	394730.42	36.67	Soil	9,600	-1.34
08/31/2021	17:08:44	78793.46	394730.58	36.65	Soil	10,620	-0.62
08/31/2021	17:08:45	78793.22	394730.39	36.62	Soil	10,080	-1.00
08/31/2021	17:08:46	78792.97	394730.28	36.67	Soil	10,080	-1.00
08/31/2021	17:08:47	78793.14	394730.62	36.62	Soil	10,860	-0.46
08/31/2021	17:08:48	78793.15	394730.67	36.68	Soil	10,200	-0.92
08/31/2021	17:08:49	78793.02	394730.60	36.71	Soil	11,340	-0.12
08/31/2021	17:08:50	78792.81	394730.37	36.68	Soil	10,680	-0.58
08/31/2021	17:08:51	78792.92	394730.21	36.73	Soil	9,480	-1.42
08/31/2021	17:08:52	78793.18	394730.34	36.70	Soil	8,880	-1.85
08/31/2021	17:08:53	78792.95	394730.30	36.69	Soil	11,400	-0.08
08/31/2021	17:08:54	78792.86	394730.23	36.77	Soil	9,720	-1.26
08/31/2021	17:08:55	78793.22	394730.23	36.78	Soil	10,800	-0.50
08/31/2021	17:08:56	78793.26	394730.18	36.79	Soil	10,020	-1.05
08/31/2021	17:08:57	78793.02	394730.09	36.80	Soil	10,260	-0.88
08/31/2021	17:08:58	78793.18	394730.05	36.83	Soil	10,740	-0.54
08/31/2021	17:08:59	78793.50	394730.12	36.85	Soil	10,380	-0.79
08/31/2021	17:09:00	78793.22	394730.09	36.82	Soil	9,960	-1.09
08/31/2021	17:09:01	78793.26	394730.09	36.89	Soil	9,960	-1.09
08/31/2021	17:09:02	78793.68	394730.11	36.87	Soil	8,940	-1.80
08/31/2021	17:09:03	78793.57	394730.05	36.92	Soil	9,180	-1.64
08/31/2021	17:09:04	78793.58	394730.05	36.94	Soil	10,800	-0.50
08/31/2021	17:09:05	78793.79	394730.07	36.89	Soil	10,560	-0.67
08/31/2021	17:09:06	78793.55	394730.10	36.85	Soil	11,520	0.01
08/31/2021	17:09:07	78793.58	394730.13	36.89	Soil	9,540	-1.38
08/31/2021	17:09:08	78793.89	394730.12	36.87	Soil	9,120	-1.68
08/31/2021	17:09:09	78793.75	394730.10	36.86	Soil	11,520	0.01
08/31/2021	17:09:10	78793.67	394730.10	36.82	Soil	10,080	-1.00
08/31/2021	17:09:11	78793.70	394730.12	36.76	Soil	11,220	-0.20
08/31/2021	17:09:12	78793.68	394730.16	36.81	Soil	8,280	-2.27
08/31/2021	17:09:13	78793.67	394730.14	36.84	Soil	11,400	-0.08
08/31/2021	17:09:14	78793.76	394730.14	36.94	Soil	10,860	-0.46
08/31/2021	17:09:15	78793.98	394730.00	36.84	Soil	10,080	-1.00

SU 7D GWS RESULTS
(SOIL)

08/31/2021	17:09:16	78793.74	394730.06	36.71	Soil	11,460	-0.04
08/31/2021	17:09:17	78793.57	394730.03	36.75	Soil	10,380	-0.79
08/31/2021	17:09:18	78793.89	394729.84	36.71	Soil	9,720	-1.26
08/31/2021	17:09:19	78793.67	394729.79	36.67	Soil	11,280	-0.16
08/31/2021	17:09:20	78793.68	394729.78	36.74	Soil	9,060	-1.72
08/31/2021	17:09:21	78793.91	394729.76	36.76	Soil	10,200	-0.92
08/31/2021	17:09:22	78793.68	394729.80	36.70	Soil	9,480	-1.42
08/31/2021	17:09:23	78793.58	394729.83	36.81	Soil	9,420	-1.47
08/31/2021	17:09:24	78794.08	394729.83	36.82	Soil	11,160	-0.25
08/31/2021	17:09:25	78794.12	394729.79	36.76	Soil	10,800	-0.50
08/31/2021	17:09:26	78793.77	394729.78	36.71	Soil	9,660	-1.30
08/31/2021	17:09:27	78793.83	394729.95	36.71	Soil	10,200	-0.92
08/31/2021	17:09:28	78794.02	394729.99	36.62	Soil	10,980	-0.37
08/31/2021	17:09:29	78793.83	394729.62	36.59	Soil	10,140	-0.96
08/31/2021	17:09:30	78793.74	394729.84	36.64	Soil	9,600	-1.34
08/31/2021	17:09:31	78793.81	394730.11	36.56	Soil	10,440	-0.75
08/31/2021	17:09:32	78793.78	394729.57	36.51	Soil	10,980	-0.37
08/31/2021	17:09:33	78793.69	394729.60	36.53	Soil	10,800	-0.50
08/31/2021	17:09:34	78793.71	394730.07	36.46	Soil	9,900	-1.13
08/31/2021	17:09:35	78793.79	394729.78	36.43	Soil	9,660	-1.30
08/31/2021	17:09:36	78793.59	394729.52	36.44	Soil	10,140	-0.96
08/31/2021	17:09:37	78793.59	394729.93	36.58	Soil	9,840	-1.17
08/31/2021	17:09:38	78793.83	394730.02	36.47	Soil	9,840	-1.17
08/31/2021	17:09:39	78793.93	394729.40	36.55	Soil	9,060	-1.72
08/31/2021	17:09:40	78793.99	394729.58	36.56	Soil	11,760	0.18
08/31/2021	17:09:41	78793.90	394729.71	36.55	Soil	10,620	-0.62
08/31/2021	17:09:42	78794.13	394729.51	36.58	Soil	9,600	-1.34
08/31/2021	17:09:43	78794.14	394729.43	36.57	Soil	10,320	-0.84
08/31/2021	17:09:44	78794.14	394729.67	36.56	Soil	10,320	-0.84
08/31/2021	17:09:45	78794.27	394729.50	36.55	Soil	11,280	-0.16
08/31/2021	17:09:46	78794.18	394729.48	36.67	Soil	11,340	-0.12
08/31/2021	17:09:47	78794.02	394729.61	36.60	Soil	10,980	-0.37
08/31/2021	17:09:48	78794.06	394729.56	36.63	Soil	10,500	-0.71
08/31/2021	17:09:49	78794.39	394729.37	36.61	Soil	9,000	-1.76
08/31/2021	17:09:50	78794.15	394729.43	36.65	Soil	10,080	-1.00
08/31/2021	17:09:51	78793.97	394729.50	36.66	Soil	10,980	-0.37
08/31/2021	17:09:52	78794.34	394729.44	36.67	Soil	10,920	-0.41
08/31/2021	17:09:53	78794.36	394729.31	36.60	Soil	9,660	-1.30
08/31/2021	17:09:54	78794.06	394729.46	36.55	Soil	10,440	-0.75
08/31/2021	17:09:55	78794.16	394729.63	36.57	Soil	10,980	-0.37
08/31/2021	17:09:56	78794.21	394729.46	36.53	Soil	9,840	-1.17
08/31/2021	17:09:57	78794.00	394729.34	36.54	Soil	10,740	-0.54
08/31/2021	17:09:58	78794.06	394729.52	36.58	Soil	10,200	-0.92
08/31/2021	17:09:59	78794.03	394729.45	36.59	Soil	10,860	-0.46
08/31/2021	17:10:00	78794.15	394729.34	36.58	Soil	9,840	-1.17
08/31/2021	17:10:01	78794.55	394729.45	36.55	Soil	9,000	-1.76
08/31/2021	17:10:02	78794.42	394729.43	36.72	Soil	10,980	-0.37
08/31/2021	17:10:03	78794.51	394729.61	36.66	Soil	9,900	-1.13
08/31/2021	17:10:04	78794.17	394729.55	36.64	Soil	10,740	-0.54
08/31/2021	17:10:05	78794.13	394729.64	36.85	Soil	10,500	-0.71
08/31/2021	17:10:06	78794.64	394729.76	36.67	Soil	10,200	-0.92

SU 7D GWS RESULTS
(SOIL)

08/31/2021	17:10:07	78794.17	394729.45	36.64	Soil	9,000	-1.76
08/31/2021	17:10:08	78793.80	394729.26	36.64	Soil	11,520	0.01
08/31/2021	17:10:09	78794.18	394729.51	36.60	Soil	8,880	-1.85
08/31/2021	17:10:10	78793.98	394729.33	36.53	Soil	10,560	-0.67
08/31/2021	17:10:11	78793.88	394729.24	36.62	Soil	8,580	-2.06
08/31/2021	17:10:12	78794.35	394729.33	36.59	Soil	10,560	-0.67
08/31/2021	17:10:13	78794.31	394729.14	36.54	Soil	10,680	-0.58
08/31/2021	17:10:14	78794.33	394729.06	36.58	Soil	11,280	-0.16
08/31/2021	17:10:15	78794.64	394729.16	36.57	Soil	9,840	-1.17
08/31/2021	17:10:16	78794.41	394729.09	36.50	Soil	10,860	-0.46
08/31/2021	17:10:17	78794.41	394729.10	36.55	Soil	10,500	-0.71
08/31/2021	17:10:18	78794.31	394729.39	36.68	Soil	11,880	0.26
08/31/2021	17:10:19	78794.01	394729.32	36.68	Soil	9,720	-1.26
08/31/2021	17:10:20	78793.99	394729.19	36.66	Soil	11,640	0.09
08/31/2021	17:10:21	78794.00	394729.23	36.66	Soil	10,560	-0.67
08/31/2021	17:10:22	78793.86	394729.13	36.65	Soil	11,100	-0.29
08/31/2021	17:10:23	78793.90	394729.11	36.58	Soil	10,860	-0.46
08/31/2021	17:10:24	78793.97	394729.16	36.57	Soil	9,840	-1.17
08/31/2021	17:10:25	78793.92	394729.13	36.63	Soil	11,280	-0.16
08/31/2021	17:10:26	78794.10	394729.12	36.71	Soil	11,640	0.09
08/31/2021	17:10:27	78794.10	394728.94	36.76	Soil	9,840	-1.17
08/31/2021	17:10:28	78794.06	394728.78	36.83	Soil	9,360	-1.51
08/31/2021	17:10:29	78794.09	394728.63	36.88	Soil	11,220	-0.20
08/31/2021	17:10:30	78794.09	394728.47	36.85	Soil	10,740	-0.54
08/31/2021	17:10:31	78794.16	394728.43	36.85	Soil	10,560	-0.67
08/31/2021	17:10:32	78794.20	394728.44	36.43	Soil	10,020	-1.05
08/31/2021	17:10:33	78794.14	394728.42	36.45	Soil	10,320	-0.84
08/31/2021	17:10:34	78794.22	394728.56	36.86	Soil	10,620	-0.62
08/31/2021	17:10:35	78794.49	394728.60	36.83	Soil	9,900	-1.13
08/31/2021	17:10:36	78794.40	394728.61	36.77	Soil	10,440	-0.75
08/31/2021	17:10:37	78794.28	394728.74	36.35	Soil	10,380	-0.79
08/31/2021	17:10:38	78794.08	394728.73	36.46	Soil	10,380	-0.79
08/31/2021	17:10:39	78793.97	394728.72	36.75	Soil	10,020	-1.05
08/31/2021	17:10:40	78794.15	394728.76	36.69	Soil	9,900	-1.13
08/31/2021	17:10:41	78794.34	394728.81	36.64	Soil	10,200	-0.92
08/31/2021	17:10:42	78794.10	394728.82	36.36	Soil	9,420	-1.47
08/31/2021	17:10:43	78793.89	394728.70	36.38	Soil	9,420	-1.47
08/31/2021	17:10:44	78794.04	394728.72	36.43	Soil	9,480	-1.42
08/31/2021	17:10:45	78794.34	394728.78	36.38	Soil	8,700	-1.97
08/31/2021	17:10:46	78794.04	394728.61	36.36	Soil	8,700	-1.97
08/31/2021	17:10:47	78793.93	394728.61	36.43	Soil	9,780	-1.21
08/31/2021	17:10:48	78794.22	394728.72	36.42	Soil	9,300	-1.55
08/31/2021	17:10:49	78793.97	394728.65	36.43	Soil	11,280	-0.16
08/31/2021	17:10:50	78793.70	394728.66	36.43	Soil	10,080	-1.00
08/31/2021	17:10:51	78793.97	394728.79	36.47	Soil	9,360	-1.51
08/31/2021	17:10:52	78793.90	394728.73	36.46	Soil	9,720	-1.26
08/31/2021	17:10:53	78793.54	394728.61	36.43	Soil	10,500	-0.71
08/31/2021	17:10:54	78793.72	394728.64	36.42	Soil	10,740	-0.54
08/31/2021	17:10:55	78794.05	394728.66	36.40	Soil	9,180	-1.64
08/31/2021	17:10:56	78793.68	394728.59	36.33	Soil	11,700	0.13
08/31/2021	17:10:57	78793.47	394728.59	36.19	Soil	11,760	0.18

SU 7D GWS RESULTS
(SOIL)

08/31/2021	17:10:58	78793.79	394728.63	36.26	Soil	9,420	-1.47
08/31/2021	17:10:59	78793.85	394728.69	36.24	Soil	10,200	-0.92
08/31/2021	17:11:00	78793.62	394728.54	36.27	Soil	10,620	-0.62
08/31/2021	17:11:01	78793.79	394728.59	36.24	Soil	9,180	-1.64
08/31/2021	17:11:02	78794.10	394728.75	36.28	Soil	9,780	-1.21
08/31/2021	17:11:03	78793.80	394728.61	36.31	Soil	11,100	-0.29
08/31/2021	17:11:04	78794.04	394728.66	36.43	Soil	9,420	-1.47
08/31/2021	17:11:05	78794.61	394728.66	36.49	Soil	10,680	-0.58
08/31/2021	17:11:06	78794.46	394728.24	36.47	Soil	10,200	-0.92
08/31/2021	17:11:07	78794.56	394728.39	36.47	Soil	11,640	0.09
08/31/2021	17:11:08	78794.38	394728.67	36.40	Soil	9,060	-1.72
08/31/2021	17:11:09	78794.24	394728.77	36.53	Soil	10,560	-0.67
08/31/2021	17:11:10	78794.42	394728.45	36.49	Soil	10,260	-0.88
08/31/2021	17:11:11	78794.39	394728.57	36.48	Soil	10,920	-0.41
08/31/2021	17:11:12	78794.30	394728.74	36.58	Soil	10,860	-0.46
08/31/2021	17:11:13	78794.50	394728.56	36.60	Soil	8,940	-1.80
08/31/2021	17:11:14	78794.59	394728.45	36.50	Soil	9,000	-1.76
08/31/2021	17:11:15	78794.46	394728.63	36.47	Soil	10,920	-0.41
08/31/2021	17:11:16	78794.50	394728.51	36.55	Soil	9,120	-1.68
08/31/2021	17:11:17	78794.58	394728.33	36.55	Soil	9,240	-1.59
08/31/2021	17:11:18	78794.47	394728.52	36.41	Soil	9,240	-1.59
08/31/2021	17:11:19	78794.20	394728.76	36.40	Soil	9,540	-1.38
08/31/2021	17:11:20	78794.15	394728.58	36.46	Soil	9,840	-1.17
08/31/2021	17:11:21	78794.32	394728.69	36.47	Soil	8,640	-2.01
08/31/2021	17:11:22	78794.47	394728.73	36.58	Soil	10,620	-0.62
08/31/2021	17:11:23	78794.59	394728.33	36.59	Soil	10,020	-1.05
08/31/2021	17:11:24	78794.60	394728.43	36.69	Soil	8,040	-2.44
08/31/2021	17:11:25	78794.55	394728.66	36.69	Soil	9,660	-1.30
08/31/2021	17:11:26	78794.65	394728.37	36.68	Soil	9,540	-1.38
08/31/2021	17:11:27	78794.76	394728.41	36.77	Soil	9,840	-1.17
08/31/2021	17:11:28	78794.76	394728.73	36.78	Soil	10,560	-0.67
08/31/2021	17:11:29	78794.89	394728.51	36.82	Soil	10,560	-0.67
08/31/2021	17:11:30	78794.79	394728.16	36.75	Soil	8,460	-2.14
08/31/2021	17:11:31	78794.64	394728.24	36.82	Soil	9,180	-1.64
08/31/2021	17:11:32	78794.90	394728.45	36.94	Soil	9,180	-1.64
08/31/2021	17:11:33	78794.88	394728.48	36.85	Soil	10,020	-1.05
08/31/2021	17:11:34	78794.62	394728.50	36.95	Soil	10,020	-1.05
08/31/2021	17:11:35	78794.78	394728.44	36.98	Soil	11,280	-0.16
08/31/2021	17:11:36	78795.03	394728.16	36.89	Soil	9,420	-1.47
08/31/2021	17:11:37	78794.67	394728.06	36.86	Soil	9,060	-1.72
08/31/2021	17:11:38	78794.70	394728.03	36.96	Soil	8,520	-2.10
08/31/2021	17:11:39	78795.05	394728.05	36.90	Soil	9,300	-1.55
08/31/2021	17:11:40	78794.78	394728.04	36.91	Soil	10,740	-0.54
08/31/2021	17:11:41	78794.71	394727.99	36.93	Soil	10,200	-0.92
08/31/2021	17:11:42	78794.89	394728.06	37.08	Soil	9,240	-1.59
08/31/2021	17:11:43	78794.91	394728.16	36.97	Soil	10,860	-0.46
08/31/2021	17:11:44	78795.03	394728.19	37.01	Soil	8,700	-1.97
08/31/2021	17:11:45	78794.88	394728.21	37.04	Soil	11,820	0.22
08/31/2021	17:11:46	78794.88	394728.22	37.05	Soil	9,900	-1.13
08/31/2021	17:11:47	78795.04	394728.28	37.10	Soil	9,720	-1.26
08/31/2021	17:11:48	78794.90	394728.27	37.09	Soil	9,240	-1.59

SU 7D GWS RESULTS
(SOIL)

08/31/2021	17:11:49	78795.05	394728.12	37.19	Soil	9,120	-1.68
08/31/2021	17:11:50	78795.11	394728.09	37.18	Soil	9,720	-1.26
08/31/2021	17:11:51	78794.97	394727.95	37.20	Soil	9,960	-1.09
08/31/2021	17:11:52	78795.07	394727.99	37.23	Soil	10,020	-1.05
08/31/2021	17:11:53	78795.23	394728.05	37.23	Soil	9,420	-1.47
08/31/2021	17:11:54	78794.99	394727.80	37.24	Soil	9,060	-1.72
08/31/2021	17:11:55	78795.07	394727.85	37.27	Soil	9,840	-1.17
08/31/2021	17:11:56	78795.30	394728.05	37.34	Soil	10,260	-0.88
08/31/2021	17:11:57	78795.16	394727.90	37.35	Soil	10,560	-0.67
08/31/2021	17:11:58	78795.10	394727.88	37.36	Soil	10,740	-0.54
08/31/2021	17:11:59	78795.21	394727.96	37.34	Soil	9,780	-1.21
08/31/2021	17:12:00	78795.08	394727.76	37.30	Soil	9,060	-1.72
08/31/2021	17:12:01	78795.10	394727.86	37.49	Soil	10,140	-0.96
08/31/2021	17:12:02	78795.12	394727.86	37.38	Soil	9,300	-1.55
08/31/2021	17:12:03	78794.76	394727.63	37.25	Soil	11,400	-0.08
08/31/2021	17:12:04	78794.82	394727.89	37.27	Soil	9,720	-1.26
08/31/2021	17:12:05	78794.83	394727.83	37.37	Soil	9,420	-1.47
08/31/2021	17:12:06	78794.70	394727.75	37.41	Soil	8,820	-1.89
08/31/2021	17:12:07	78795.00	394727.72	37.38	Soil	9,360	-1.51
08/31/2021	17:12:08	78795.04	394728.04	37.35	Soil	10,080	-1.00
08/31/2021	17:12:09	78795.12	394728.30	37.38	Soil	9,720	-1.26
08/31/2021	17:12:10	78795.17	394728.27	37.34	Soil	11,340	-0.12
08/31/2021	17:12:11	78795.32	394727.99	37.35	Soil	10,200	-0.92
08/31/2021	17:12:12	78795.32	394728.11	37.34	Soil	9,540	-1.38
08/31/2021	17:12:13	78795.29	394728.38	37.20	Soil	10,380	-0.79
08/31/2021	17:12:14	78795.21	394728.14	37.16	Soil	9,540	-1.38
08/31/2021	17:12:15	78795.11	394728.33	37.35	Soil	11,160	-0.25
08/31/2021	17:12:16	78795.07	394728.81	37.21	Soil	10,920	-0.41
08/31/2021	17:12:17	78794.79	394728.96	37.18	Soil	9,840	-1.17
08/31/2021	17:12:18	78794.75	394728.78	37.19	Soil	10,380	-0.79
08/31/2021	17:12:19	78794.94	394729.05	37.17	Soil	11,040	-0.33
08/31/2021	17:12:20	78794.85	394728.89	37.14	Soil	9,240	-1.59
08/31/2021	17:12:21	78794.74	394728.82	37.14	Soil	9,720	-1.26
08/31/2021	17:12:22	78794.49	394728.99	37.33	Soil	10,140	-0.96
08/31/2021	17:12:23	78794.26	394728.86	37.21	Soil	9,600	-1.34
08/31/2021	17:12:24	78794.40	394728.98	37.22	Soil	10,260	-0.88
08/31/2021	17:12:25	78794.30	394728.92	37.19	Soil	11,460	-0.04
08/31/2021	17:12:26	78794.24	394728.89	37.23	Soil	10,500	-0.71
08/31/2021	17:12:27	78794.27	394728.94	37.30	Soil	10,380	-0.79
08/31/2021	17:12:28	78794.19	394728.63	37.40	Soil	11,520	0.01
08/31/2021	17:12:29	78794.26	394728.57	37.50	Soil	10,080	-1.00
08/31/2021	17:12:30	78794.19	394728.35	37.54	Soil	10,080	-1.00
08/31/2021	17:12:31	78794.14	394728.22	37.46	Soil	10,260	-0.88
08/31/2021	17:12:32	78794.21	394728.37	37.44	Soil	9,720	-1.26
08/31/2021	17:12:33	78794.33	394728.20	37.42	Soil	11,220	-0.20
08/31/2021	17:12:34	78794.40	394728.33	37.21	Soil	10,620	-0.62
08/31/2021	17:12:35	78794.59	394728.54	37.18	Soil	9,780	-1.21
08/31/2021	17:12:36	78794.74	394728.33	36.99	Soil	10,800	-0.50
08/31/2021	17:12:37	78794.57	394728.41	36.81	Soil	10,380	-0.79
08/31/2021	17:12:38	78794.45	394728.43	36.81	Soil	11,880	0.26
08/31/2021	17:12:39	78794.50	394728.40	36.94	Soil	10,080	-1.00

SU 7D GWS RESULTS
(SOIL)

08/31/2021	17:12:40	78794.65	394728.38	37.05	Soil	10,440	-0.75
08/31/2021	17:12:41	78795.01	394728.33	36.98	Soil	9,540	-1.38
08/31/2021	17:12:42	78794.76	394728.25	36.97	Soil	9,720	-1.26
08/31/2021	17:12:43	78794.40	394728.22	36.92	Soil	9,660	-1.30
08/31/2021	17:12:44	78794.38	394728.33	36.95	Soil	12,780	0.89
08/31/2021	17:12:45	78794.52	394728.26	36.91	Soil	9,360	-1.51
08/31/2021	17:12:46	78794.33	394728.41	36.92	Soil	10,740	-0.54
08/31/2021	17:12:47	78794.15	394728.35	36.82	Soil	10,920	-0.41
08/31/2021	17:12:48	78794.21	394728.37	36.90	Soil	12,060	0.39
08/31/2021	17:12:49	78794.36	394728.47	36.96	Soil	9,540	-1.38
08/31/2021	17:12:50	78794.63	394728.76	36.93	Soil	11,100	-0.29
08/31/2021	17:12:51	78794.36	394728.61	36.84	Soil	11,100	-0.29
08/31/2021	17:12:52	78793.82	394728.53	36.86	Soil	9,360	-1.51
08/31/2021	17:12:53	78794.04	394728.44	36.98	Soil	9,300	-1.55
08/31/2021	17:12:54	78794.44	394728.48	36.95	Soil	9,180	-1.64
08/31/2021	17:12:55	78793.95	394728.43	36.98	Soil	10,320	-0.84
08/31/2021	17:12:56	78794.07	394728.41	37.08	Soil	10,500	-0.71
08/31/2021	17:12:57	78794.66	394728.49	37.01	Soil	11,340	-0.12
08/31/2021	17:12:58	78794.30	394728.49	36.95	Soil	9,840	-1.17
08/31/2021	17:12:59	78793.98	394728.51	36.95	Soil	11,280	-0.16
08/31/2021	17:13:00	78794.46	394728.48	37.02	Soil	9,180	-1.64
08/31/2021	17:13:01	78794.56	394728.33	37.03	Soil	10,260	-0.88
08/31/2021	17:13:02	78794.40	394728.34	37.11	Soil	9,960	-1.09
08/31/2021	17:13:03	78794.68	394728.29	37.11	Soil	8,640	-2.01
08/31/2021	17:13:04	78794.59	394728.24	37.03	Soil	10,020	-1.05
08/31/2021	17:13:05	78794.43	394728.22	37.14	Soil	9,300	-1.55
08/31/2021	17:13:06	78794.75	394728.19	37.14	Soil	9,840	-1.17
08/31/2021	17:13:07	78794.71	394728.01	37.07	Soil	9,660	-1.30
08/31/2021	17:13:08	78794.38	394727.95	37.11	Soil	10,440	-0.75
08/31/2021	17:13:09	78794.54	394727.93	37.12	Soil	10,860	-0.46
08/31/2021	17:13:10	78794.42	394727.84	37.12	Soil	9,780	-1.21
08/31/2021	17:13:11	78794.64	394727.92	37.11	Soil	9,840	-1.17
08/31/2021	17:13:12	78794.55	394728.04	37.12	Soil	9,180	-1.64
08/31/2021	17:13:13	78794.62	394728.07	37.15	Soil	11,160	-0.25
08/31/2021	17:13:14	78794.75	394728.05	37.11	Soil	9,600	-1.34
08/31/2021	17:13:15	78794.46	394727.90	37.22	Soil	8,520	-2.10
08/31/2021	17:13:16	78794.41	394727.90	37.27	Soil	10,380	-0.79
08/31/2021	17:13:17	78794.46	394728.02	37.28	Soil	10,560	-0.67
08/31/2021	17:13:18	78794.53	394728.11	37.27	Soil	9,720	-1.26
08/31/2021	17:13:19	78794.41	394728.10	37.24	Soil	10,560	-0.67
08/31/2021	17:13:20	78794.44	394728.17	37.17	Soil	10,860	-0.46
08/31/2021	17:13:21	78794.39	394728.16	37.18	Soil	10,320	-0.84
08/31/2021	17:13:22	78794.33	394728.13	37.10	Soil	11,100	-0.29
08/31/2021	17:13:23	78794.41	394728.14	37.08	Soil	9,480	-1.42
08/31/2021	17:13:24	78794.34	394728.17	37.14	Soil	9,660	-1.30
08/31/2021	17:13:25	78794.33	394728.27	37.20	Soil	9,120	-1.68
08/31/2021	17:13:26	78794.31	394728.56	36.97	Soil	11,100	-0.29
08/31/2021	17:13:27	78794.04	394728.64	36.86	Soil	10,680	-0.58
08/31/2021	17:13:28	78793.88	394728.42	36.98	Soil	10,500	-0.71
08/31/2021	17:13:29	78793.83	394728.56	36.95	Soil	9,300	-1.55
08/31/2021	17:13:30	78793.70	394728.68	36.87	Soil	10,920	-0.41

SU 7D GWS RESULTS
(SOIL)

08/31/2021	17:13:31	78793.80	394728.49	36.87	Soil	9,780	-1.21
08/31/2021	17:13:32	78793.82	394728.39	36.94	Soil	9,900	-1.13
08/31/2021	17:13:33	78793.92	394728.44	37.05	Soil	9,840	-1.17
08/31/2021	17:13:34	78794.20	394728.51	37.05	Soil	11,040	-0.33
08/31/2021	17:13:35	78794.16	394728.48	36.95	Soil	8,940	-1.80
08/31/2021	17:13:36	78793.89	394728.49	36.95	Soil	9,540	-1.38
08/31/2021	17:13:37	78793.66	394728.45	36.87	Soil	10,080	-1.00
08/31/2021	17:13:38	78793.52	394728.54	36.76	Soil	11,640	0.09
08/31/2021	17:13:39	78793.68	394728.79	36.84	Soil	9,300	-1.55
08/31/2021	17:13:40	78793.72	394728.54	36.93	Soil	9,000	-1.76
08/31/2021	17:13:41	78793.86	394728.45	36.94	Soil	10,200	-0.92
08/31/2021	17:13:42	78793.94	394728.79	36.90	Soil	9,960	-1.09
08/31/2021	17:13:43	78793.79	394728.88	36.93	Soil	11,100	-0.29
08/31/2021	17:13:44	78793.64	394728.53	37.17	Soil	9,960	-1.09
08/31/2021	17:13:45	78793.71	394728.35	37.24	Soil	10,560	-0.67
08/31/2021	17:13:46	78793.77	394728.39	37.21	Soil	10,140	-0.96
08/31/2021	17:13:47	78793.70	394728.44	37.42	Soil	10,680	-0.58
08/31/2021	17:13:48	78793.68	394728.31	37.34	Soil	12,180	0.47
08/31/2021	17:13:49	78793.69	394728.41	37.33	Soil	12,240	0.51
08/31/2021	17:13:50	78793.72	394728.41	37.33	Soil	11,520	0.01
08/31/2021	17:13:51	78793.68	394728.34	37.31	Soil	10,440	-0.75
08/31/2021	17:13:52	78793.68	394728.43	37.32	Soil	10,260	-0.88
08/31/2021	17:13:53	78793.70	394728.36	37.33	Soil	11,820	0.22
08/31/2021	17:13:54	78793.66	394728.32	37.43	Soil	10,500	-0.71
08/31/2021	17:13:55	78793.71	394728.21	37.50	Soil	10,140	-0.96
08/31/2021	17:13:56	78793.70	394727.94	37.59	Soil	9,960	-1.09
08/31/2021	17:13:57	78793.68	394727.86	37.69	Soil	11,400	-0.08
08/31/2021	17:13:58	78793.72	394727.66	37.77	Soil	12,480	0.68
08/31/2021	17:13:59	78793.70	394727.52	37.73	Soil	11,040	-0.33
08/31/2021	17:14:00	78793.69	394727.62	37.75	Soil	10,260	-0.88
08/31/2021	17:14:01	78793.72	394727.54	37.75	Soil	9,720	-1.26
08/31/2021	17:14:02	78793.67	394727.53	37.74	Soil	12,000	0.34
08/31/2021	17:14:03	78793.68	394727.60	37.71	Soil	11,760	0.18
08/31/2021	17:14:04	78793.71	394727.46	37.57	Soil	10,500	-0.71
08/31/2021	17:14:05	78793.69	394727.38	37.56	Soil	11,220	-0.20
08/31/2021	17:14:06	78793.71	394727.37	37.54	Soil	10,860	-0.46
08/31/2021	17:14:07	78793.71	394727.34	37.48	Soil	11,880	0.26
08/31/2021	17:14:08	78793.79	394727.35	37.47	Soil	10,020	-1.05
08/31/2021	17:14:09	78793.84	394727.36	37.47	Soil	9,900	-1.13
08/31/2021	17:14:10	78793.79	394727.34	37.28	Soil	10,560	-0.67
08/31/2021	17:14:11	78793.87	394727.37	37.17	Soil	10,080	-1.00
08/31/2021	17:14:12	78793.96	394727.51	37.23	Soil	9,180	-1.64
08/31/2021	17:14:13	78793.64	394727.41	37.21	Soil	10,260	-0.88
08/31/2021	17:14:14	78793.90	394727.53	37.22	Soil	10,680	-0.58
08/31/2021	17:14:15	78794.18	394727.67	37.18	Soil	9,180	-1.64
08/31/2021	17:14:16	78793.74	394727.55	37.17	Soil	11,700	0.13
08/31/2021	17:14:17	78793.48	394727.45	37.18	Soil	10,500	-0.71
08/31/2021	17:14:18	78793.91	394727.52	37.18	Soil	9,780	-1.21
08/31/2021	17:14:19	78793.89	394727.53	37.18	Soil	9,660	-1.30
08/31/2021	17:14:20	78793.51	394727.39	37.17	Soil	9,900	-1.13
08/31/2021	17:14:21	78793.79	394727.44	37.22	Soil	9,720	-1.26

SU 7D GWS RESULTS
(SOIL)

08/31/2021	17:14:22	78794.12	394727.53	37.16	Soil	9,000	-1.76
08/31/2021	17:14:23	78793.77	394727.41	37.13	Soil	9,300	-1.55
08/31/2021	17:14:24	78793.65	394727.54	37.14	Soil	10,500	-0.71
08/31/2021	17:14:25	78793.98	394727.84	37.10	Soil	9,360	-1.51
08/31/2021	17:14:26	78793.95	394727.74	37.15	Soil	8,460	-2.14
08/31/2021	17:14:27	78793.68	394727.45	37.15	Soil	8,760	-1.93
08/31/2021	17:14:28	78793.79	394727.80	37.03	Soil	9,480	-1.42
08/31/2021	17:14:29	78793.94	394728.02	37.10	Soil	9,480	-1.42
08/31/2021	17:14:30	78793.77	394727.62	37.10	Soil	11,160	-0.25
08/31/2021	17:14:31	78793.82	394727.60	37.07	Soil	9,960	-1.09
08/31/2021	17:14:32	78794.09	394727.85	37.07	Soil	10,920	-0.41
08/31/2021	17:14:33	78793.99	394727.70	37.12	Soil	10,440	-0.75
08/31/2021	17:14:34	78793.77	394727.45	37.05	Soil	9,780	-1.21
08/31/2021	17:14:35	78793.76	394727.88	37.06	Soil	10,020	-1.05
08/31/2021	17:14:36	78793.72	394727.93	37.15	Soil	10,680	-0.58
08/31/2021	17:14:37	78793.65	394727.43	37.15	Soil	9,240	-1.59
08/31/2021	17:14:38	78793.54	394727.37	37.07	Soil	10,620	-0.62
08/31/2021	17:14:39	78793.50	394727.70	37.15	Soil	9,000	-1.76
08/31/2021	17:14:40	78793.39	394727.57	37.18	Soil	10,740	-0.54
08/31/2021	17:14:41	78793.33	394727.28	37.12	Soil	9,780	-1.21
08/31/2021	17:14:42	78793.46	394727.70	37.11	Soil	10,560	-0.67
08/31/2021	17:14:43	78793.43	394727.95	37.12	Soil	9,720	-1.26
08/31/2021	17:14:44	78793.37	394727.43	37.13	Soil	9,300	-1.55
08/31/2021	17:14:45	78793.30	394727.41	37.04	Soil	12,420	0.64
08/31/2021	17:14:46	78793.31	394727.94	36.90	Soil	9,300	-1.55
08/31/2021	17:14:47	78793.48	394727.83	37.06	Soil	11,040	-0.33
08/31/2021	17:14:48	78793.52	394727.60	37.02	Soil	9,180	-1.64
08/31/2021	17:14:49	78793.65	394727.46	36.96	Soil	10,260	-0.88
08/31/2021	17:14:50	78793.71	394727.45	36.97	Soil	9,840	-1.17
08/31/2021	17:14:51	78793.68	394727.44	36.96	Soil	10,260	-0.88
08/31/2021	17:14:52	78793.69	394727.43	36.97	Soil	8,880	-1.85
08/31/2021	17:14:53	78793.67	394727.42	37.02	Soil	10,500	-0.71
08/31/2021	17:14:54	78793.62	394727.45	37.09	Soil	9,480	-1.42
08/31/2021	17:14:55	78793.61	394727.37	37.06	Soil	10,140	-0.96
08/31/2021	17:14:56	78793.66	394727.62	36.96	Soil	9,840	-1.17
08/31/2021	17:14:57	78793.74	394727.91	36.95	Soil	10,440	-0.75
08/31/2021	17:14:58	78793.70	394727.67	37.06	Soil	9,240	-1.59
08/31/2021	17:14:59	78793.68	394727.44	37.06	Soil	9,600	-1.34
08/31/2021	17:15:00	78793.72	394727.54	37.03	Soil	9,720	-1.26
08/31/2021	17:15:01	78793.84	394727.93	37.07	Soil	10,740	-0.54
08/31/2021	17:15:02	78793.82	394727.72	37.14	Soil	11,580	0.05
08/31/2021	17:15:03	78793.68	394727.31	37.08	Soil	11,100	-0.29
08/31/2021	17:15:04	78793.78	394727.45	37.07	Soil	10,620	-0.62
08/31/2021	17:15:05	78794.07	394727.70	37.09	Soil	10,740	-0.54
08/31/2021	17:15:06	78794.04	394727.57	37.16	Soil	10,620	-0.62
08/31/2021	17:15:07	78793.90	394727.26	37.25	Soil	9,960	-1.09
08/31/2021	17:15:08	78794.26	394727.35	37.35	Soil	11,460	-0.04
08/31/2021	17:15:09	78794.43	394727.40	37.33	Soil	10,380	-0.79
08/31/2021	17:15:10	78794.09	394727.37	37.15	Soil	9,360	-1.51
08/31/2021	17:15:11	78793.86	394727.36	37.32	Soil	10,740	-0.54
08/31/2021	17:15:12	78794.03	394727.42	37.46	Soil	10,380	-0.79

SU 7D GWS RESULTS
(SOIL)

08/31/2021	17:15:13	78794.41	394727.35	37.36	Soil	10,860	-0.46
08/31/2021	17:15:14	78794.00	394727.28	37.26	Soil	11,880	0.26
08/31/2021	17:15:15	78793.76	394727.36	37.42	Soil	9,180	-1.64
08/31/2021	17:15:16	78794.29	394727.29	37.40	Soil	9,720	-1.26
08/31/2021	17:15:17	78794.26	394727.23	37.26	Soil	11,280	-0.16
08/31/2021	17:15:18	78793.79	394727.32	37.13	Soil	10,500	-0.71
08/31/2021	17:15:19	78793.89	394727.52	37.06	Soil	9,240	-1.59
08/31/2021	17:15:20	78794.08	394727.47	37.30	Soil	9,840	-1.17
08/31/2021	17:15:21	78793.95	394727.40	37.74	Soil	10,140	-0.96
08/31/2021	17:15:22	78794.01	394727.12	38.02	Soil	10,980	-0.37
08/31/2021	17:15:23	78793.78	394727.29	38.01	Soil	10,320	-0.84
08/31/2021	17:15:24	78793.84	394727.14	38.01	Soil	9,840	-1.17
08/31/2021	17:15:25	78793.83	394727.25	38.02	Soil	10,140	-0.96
08/31/2021	17:15:26	78793.92	394727.25	38.00	Soil	10,860	-0.46
08/31/2021	17:15:27	78793.92	394727.17	38.01	Soil	10,980	-0.37
08/31/2021	17:15:28	78793.74	394727.29	37.92	Soil	10,440	-0.75
08/31/2021	17:15:29	78793.75	394727.33	37.86	Soil	11,400	-0.08
08/31/2021	17:15:30	78793.85	394727.55	37.81	Soil	10,860	-0.46
08/31/2021	17:15:31	78793.88	394727.61	37.74	Soil	9,540	-1.38
08/31/2021	17:15:32	78793.83	394727.67	37.53	Soil	11,340	-0.12
08/31/2021	17:15:33	78793.76	394727.72	37.16	Soil	10,980	-0.37
08/31/2021	17:15:34	78793.84	394727.83	37.09	Soil	10,860	-0.46
08/31/2021	17:15:35	78793.78	394727.66	37.16	Soil	11,040	-0.33
08/31/2021	17:15:36	78793.73	394727.66	37.05	Soil	9,960	-1.09
08/31/2021	17:15:37	78793.91	394727.94	37.05	Soil	10,200	-0.92
08/31/2021	17:15:38	78794.05	394728.04	37.04	Soil	11,520	0.01
08/31/2021	17:15:39	78793.81	394727.67	37.01	Soil	10,860	-0.46
08/31/2021	17:15:40	78793.72	394727.76	36.93	Soil	9,720	-1.26
08/31/2021	17:15:41	78793.92	394728.11	36.96	Soil	11,160	-0.25
08/31/2021	17:15:42	78793.76	394727.93	37.05	Soil	9,420	-1.47
08/31/2021	17:15:43	78793.59	394727.60	37.01	Soil	10,500	-0.71
08/31/2021	17:15:44	78793.69	394727.82	37.04	Soil	9,540	-1.38
08/31/2021	17:15:45	78793.92	394728.09	36.99	Soil	11,760	0.18
08/31/2021	17:15:46	78793.63	394727.70	36.98	Soil	11,220	-0.20
08/31/2021	17:15:47	78793.44	394727.71	36.90	Soil	11,220	-0.20
08/31/2021	17:15:48	78793.71	394728.20	36.91	Soil	10,080	-1.00
08/31/2021	17:15:49	78793.69	394727.95	36.93	Soil	10,080	-1.00
08/31/2021	17:15:50	78793.60	394727.52	36.90	Soil	10,980	-0.37
08/31/2021	17:15:51	78793.58	394727.82	36.79	Soil	10,080	-1.00
08/31/2021	17:15:52	78793.70	394728.12	36.73	Soil	11,220	-0.20
08/31/2021	17:15:53	78793.67	394728.00	36.82	Soil	9,720	-1.26
08/31/2021	17:15:54	78793.78	394727.80	36.87	Soil	10,380	-0.79
08/31/2021	17:15:55	78793.96	394727.72	36.83	Soil	11,520	0.01
08/31/2021	17:15:56	78793.84	394728.13	36.79	Soil	12,180	0.47
08/31/2021	17:15:57	78793.92	394727.90	36.79	Soil	9,900	-1.13
08/31/2021	17:15:58	78793.95	394727.70	36.99	Soil	10,620	-0.62
08/31/2021	17:15:59	78793.91	394727.56	37.17	Soil	10,260	-0.88
08/31/2021	17:16:00	78793.84	394727.63	37.26	Soil	10,860	-0.46
08/31/2021	17:16:01	78794.08	394727.62	37.26	Soil	9,420	-1.47
08/31/2021	17:16:02	78794.08	394727.50	37.26	Soil	11,820	0.22
08/31/2021	17:16:03	78793.93	394727.65	37.25	Soil	12,120	0.43

SU 7D GWS RESULTS
(SOIL)

08/31/2021	17:16:04	78794.04	394727.61	37.26	Soil	10,260	-0.88
08/31/2021	17:16:05	78794.04	394727.57	37.28	Soil	10,980	-0.37
08/31/2021	17:16:06	78793.97	394727.65	37.23	Soil	10,620	-0.62
08/31/2021	17:16:07	78794.05	394727.56	37.27	Soil	10,320	-0.84
08/31/2021	17:16:08	78794.03	394727.58	37.37	Soil	10,200	-0.92
08/31/2021	17:16:09	78794.03	394727.43	37.44	Soil	11,340	-0.12
08/31/2021	17:16:10	78794.09	394727.15	37.57	Soil	11,640	0.09
08/31/2021	17:16:11	78794.05	394727.10	37.64	Soil	11,220	-0.20
08/31/2021	17:16:12	78794.09	394726.86	37.74	Soil	10,500	-0.71
08/31/2021	17:16:13	78794.11	394726.70	37.80	Soil	11,220	-0.20
08/31/2021	17:16:14	78794.10	394726.65	37.78	Soil	10,440	-0.75
08/31/2021	17:16:15	78794.11	394726.61	37.72	Soil	9,960	-1.09
08/31/2021	17:16:16	78794.11	394726.70	37.64	Soil	8,760	-1.93
08/31/2021	17:16:17	78794.19	394726.65	37.37	Soil	9,720	-1.26
08/31/2021	17:16:18	78794.23	394726.67	37.33	Soil	11,820	0.22
08/31/2021	17:16:19	78794.11	394726.69	37.22	Soil	9,720	-1.26
08/31/2021	17:16:20	78793.92	394726.77	37.21	Soil	11,580	0.05
08/31/2021	17:16:21	78793.86	394726.66	37.19	Soil	11,820	0.22
08/31/2021	17:16:22	78793.88	394726.82	37.15	Soil	12,180	0.47
08/31/2021	17:16:23	78793.93	394727.26	37.20	Soil	11,460	-0.04
08/31/2021	17:16:24	78793.93	394726.96	37.24	Soil	12,120	0.43
08/31/2021	17:16:25	78793.93	394726.55	37.20	Soil	11,220	-0.20
08/31/2021	17:16:26	78793.92	394726.86	37.02	Soil	10,620	-0.62
08/31/2021	17:16:27	78793.89	394727.16	37.06	Soil	10,140	-0.96
08/31/2021	17:16:28	78793.91	394727.05	37.18	Soil	10,740	-0.54
08/31/2021	17:16:29	78793.89	394726.81	37.18	Soil	9,720	-1.26
08/31/2021	17:16:30	78793.95	394727.05	37.12	Soil	10,380	-0.79
08/31/2021	17:16:31	78794.08	394727.31	37.12	Soil	11,460	-0.04
08/31/2021	17:16:32	78793.95	394727.04	37.24	Soil	9,600	-1.34
08/31/2021	17:16:33	78793.95	394726.68	37.22	Soil	11,700	0.13
08/31/2021	17:16:34	78794.00	394726.70	37.23	Soil	11,160	-0.25
08/31/2021	17:16:35	78793.99	394726.72	37.24	Soil	10,800	-0.50
08/31/2021	17:16:36	78793.97	394726.72	37.24	Soil	10,680	-0.58
08/31/2021	17:16:37	78794.07	394727.04	37.19	Soil	10,980	-0.37
08/31/2021	17:16:38	78794.04	394727.04	37.29	Soil	10,380	-0.79
08/31/2021	17:16:39	78794.03	394726.66	37.29	Soil	10,740	-0.54
08/31/2021	17:16:40	78794.09	394726.67	37.35	Soil	11,280	-0.16
08/31/2021	17:16:41	78794.29	394727.08	37.30	Soil	10,020	-1.05
08/31/2021	17:16:42	78794.12	394726.87	37.31	Soil	11,520	0.01
08/31/2021	17:16:43	78793.88	394726.62	37.32	Soil	11,340	-0.12
08/31/2021	17:16:44	78793.93	394726.71	37.32	Soil	10,560	-0.67
08/31/2021	17:16:45	78794.16	394726.86	37.38	Soil	10,200	-0.92
08/31/2021	17:16:46	78793.76	394726.65	37.39	Soil	11,100	-0.29
08/31/2021	17:16:47	78793.67	394726.65	37.40	Soil	10,560	-0.67
08/31/2021	17:16:48	78794.08	394726.77	37.43	Soil	10,080	-1.00
08/31/2021	17:16:49	78793.98	394726.88	37.40	Soil	10,560	-0.67
08/31/2021	17:16:50	78793.65	394726.86	37.40	Soil	9,060	-1.72
08/31/2021	17:16:51	78793.86	394726.64	37.39	Soil	10,980	-0.37
08/31/2021	17:16:52	78793.89	394726.66	37.36	Soil	11,700	0.13
08/31/2021	17:16:53	78793.67	394726.89	37.37	Soil	10,380	-0.79
08/31/2021	17:16:54	78793.65	394726.87	37.42	Soil	10,020	-1.05

SU 7D GWS RESULTS
(SOIL)

08/31/2021	17:16:55	78793.91	394726.61	37.42	Soil	10,380	-0.79
08/31/2021	17:16:56	78793.78	394726.70	37.36	Soil	10,140	-0.96
08/31/2021	17:16:57	78793.47	394726.93	37.18	Soil	11,280	-0.16
08/31/2021	17:16:58	78793.51	394726.95	37.19	Soil	10,140	-0.96
08/31/2021	17:16:59	78793.41	394726.91	37.19	Soil	9,780	-1.21
08/31/2021	17:17:00	78793.50	394726.91	37.28	Soil	9,900	-1.13
08/31/2021	17:17:01	78793.77	394726.68	37.25	Soil	9,120	-1.68
08/31/2021	17:17:02	78793.52	394726.91	37.17	Soil	10,500	-0.71
08/31/2021	17:17:03	78793.52	394727.04	37.33	Soil	11,640	0.09
08/31/2021	17:17:04	78793.83	394726.78	37.38	Soil	10,980	-0.37
08/31/2021	17:17:05	78793.94	394726.71	37.39	Soil	10,800	-0.50
08/31/2021	17:17:06	78793.97	394726.86	37.39	Soil	10,620	-0.62
08/31/2021	17:17:07	78793.86	394726.81	37.40	Soil	9,540	-1.38
08/31/2021	17:17:08	78793.77	394726.97	37.38	Soil	10,800	-0.50
08/31/2021	17:17:09	78794.00	394727.15	37.40	Soil	9,960	-1.09
08/31/2021	17:17:10	78793.79	394726.98	37.41	Soil	9,300	-1.55
08/31/2021	17:17:11	78793.50	394726.96	37.36	Soil	10,740	-0.54
08/31/2021	17:17:12	78793.85	394727.16	37.41	Soil	10,860	-0.46
08/31/2021	17:17:13	78794.17	394727.17	37.46	Soil	11,040	-0.33
08/31/2021	17:17:14	78793.93	394726.89	37.51	Soil	11,880	0.26
08/31/2021	17:17:15	78793.91	394726.81	37.56	Soil	10,800	-0.50
08/31/2021	17:17:16	78794.38	394727.14	37.56	Soil	10,800	-0.50
08/31/2021	17:17:17	78794.40	394727.16	37.56	Soil	9,960	-1.09
08/31/2021	17:17:18	78793.94	394726.72	37.54	Soil	11,100	-0.29
08/31/2021	17:17:19	78794.02	394726.79	37.61	Soil	10,740	-0.54
08/31/2021	17:17:20	78794.44	394727.01	37.57	Soil	9,540	-1.38
08/31/2021	17:17:21	78794.12	394726.69	37.57	Soil	11,520	0.01
08/31/2021	17:17:22	78793.79	394726.55	37.53	Soil	11,160	-0.25
08/31/2021	17:17:23	78793.75	394726.83	37.53	Soil	10,860	-0.46
08/31/2021	17:17:24	78794.06	394726.82	37.62	Soil	10,380	-0.79
08/31/2021	17:17:25	78793.85	394726.57	37.87	Soil	11,460	-0.04
08/31/2021	17:17:26	78793.77	394726.79	38.31	Soil	10,920	-0.41
08/31/2021	17:17:27	78794.02	394726.73	38.31	Soil	11,700	0.13
08/31/2021	17:17:28	78793.88	394726.74	38.30	Soil	11,040	-0.33
08/31/2021	17:17:29	78793.79	394726.75	38.28	Soil	10,740	-0.54
08/31/2021	17:17:30	78793.87	394726.64	38.29	Soil	10,680	-0.58
08/31/2021	17:17:31	78793.76	394726.76	38.29	Soil	11,700	0.13
08/31/2021	17:17:31	78793.84	394726.50	38.36	Soil	10,980	-0.37
08/31/2021	17:17:32	78793.87	394726.33	38.48	Soil	10,140	-0.96
08/31/2021	17:17:33	78793.82	394726.25	38.62	Soil	11,340	-0.12
08/31/2021	17:17:34	78793.86	394725.95	38.62	Soil	10,440	-0.75
08/31/2021	17:17:35	78793.83	394726.06	38.59	Soil	10,620	-0.62
08/31/2021	17:17:36	78793.97	394726.03	38.01	Soil	10,740	-0.54
08/31/2021	17:17:37	78794.04	394725.95	37.82	Soil	10,980	-0.37
08/31/2021	17:17:38	78793.95	394726.12	37.73	Soil	11,760	0.18
08/31/2021	17:17:39	78793.93	394726.13	37.73	Soil	11,160	-0.25
08/31/2021	17:17:40	78793.98	394726.10	37.67	Soil	9,660	-1.30
08/31/2021	17:17:41	78794.37	394726.10	37.88	Soil	10,080	-1.00
08/31/2021	17:17:42	78794.52	394726.11	37.81	Soil	10,680	-0.58
08/31/2021	17:17:44	78794.14	394726.02	37.71	Soil	10,140	-0.96
08/31/2021	17:17:44	78793.88	394726.10	37.71	Soil	11,340	-0.12

SU 7D GWS RESULTS
(SOIL)

08/31/2021	17:17:45	78794.21	394726.24	37.72	Soil	11,280	-0.16
08/31/2021	17:17:47	78794.24	394726.22	37.72	Soil	11,100	-0.29
08/31/2021	17:17:47	78794.21	394726.22	37.70	Soil	9,960	-1.09
08/31/2021	17:17:48	78794.07	394726.12	37.70	Soil	11,040	-0.33
08/31/2021	17:17:49	78793.85	394725.95	37.69	Soil	10,500	-0.71
08/31/2021	17:17:50	78794.01	394726.19	37.60	Soil	11,220	-0.20
08/31/2021	17:17:51	78794.13	394726.39	37.53	Soil	10,620	-0.62
08/31/2021	17:17:52	78794.08	394726.37	37.56	Soil	9,240	-1.59
08/31/2021	17:17:54	78793.98	394726.30	37.66	Soil	10,200	-0.92
08/31/2021	17:17:54	78793.89	394726.09	37.66	Soil	10,800	-0.50
08/31/2021	17:17:55	78793.82	394725.99	37.66	Soil	10,560	-0.67
08/31/2021	17:17:56	78793.65	394726.23	37.53	Soil	9,840	-1.17
08/31/2021	17:17:57	78793.54	394726.32	37.53	Soil	10,620	-0.62
08/31/2021	17:17:58	78793.74	394726.22	37.60	Soil	9,900	-1.13
08/31/2021	17:17:59	78793.85	394726.15	37.57	Soil	11,160	-0.25
08/31/2021	17:18:00	78793.76	394726.37	37.53	Soil	11,160	-0.25
08/31/2021	17:18:01	78793.76	394726.43	37.60	Soil	11,520	0.01
08/31/2021	17:18:03	78793.97	394726.33	37.64	Soil	9,120	-1.68
08/31/2021	17:18:03	78793.94	394726.19	37.59	Soil	11,700	0.13
08/31/2021	17:18:04	78793.77	394726.20	37.59	Soil	10,920	-0.41
08/31/2021	17:18:05	78793.71	394726.06	37.60	Soil	10,200	-0.92
08/31/2021	17:18:06	78793.86	394726.26	37.60	Soil	10,500	-0.71
08/31/2021	17:18:07	78794.06	394726.50	37.52	Soil	9,540	-1.38
08/31/2021	17:18:08	78793.97	394726.12	37.50	Soil	10,920	-0.41
08/31/2021	17:18:09	78793.87	394726.69	37.46	Soil	9,360	-1.51
08/31/2021	17:18:10	78794.03	394726.35	37.46	Soil	9,840	-1.17
08/31/2021	17:18:11	78793.97	394726.46	37.48	Soil	9,900	-1.13
08/31/2021	17:18:12	78793.84	394726.37	37.60	Soil	12,240	0.51
08/31/2021	17:18:13	78793.77	394726.26	37.58	Soil	10,260	-0.88
08/31/2021	17:18:14	78793.71	394726.32	37.50	Soil	11,100	-0.29
08/31/2021	17:18:15	78793.74	394726.51	37.67	Soil	10,740	-0.54
08/31/2021	17:18:16	78793.93	394726.22	37.67	Soil	12,060	0.39
08/31/2021	17:18:17	78793.98	394726.12	37.76	Soil	9,540	-1.38
08/31/2021	17:18:19	78793.93	394726.45	37.62	Soil	10,980	-0.37
08/31/2021	17:18:19	78794.15	394726.39	37.89	Soil	8,280	-2.27
08/31/2021	17:18:20	78794.31	394725.96	37.89	Soil	10,740	-0.54
08/31/2021	17:18:21	78794.13	394725.88	37.79	Soil	10,980	-0.37
08/31/2021	17:18:22	78794.14	394726.12	37.79	Soil	11,940	0.30
08/31/2021	17:18:23	78794.12	394726.07	37.81	Soil	11,700	0.13
08/31/2021	17:18:24	78793.95	394725.98	37.81	Soil	10,560	-0.67
08/31/2021	17:18:25	78793.70	394726.04	37.73	Soil	12,300	0.55
08/31/2021	17:18:26	78793.53	394725.99	37.62	Soil	10,440	-0.75
08/31/2021	17:18:27	78793.42	394726.00	37.58	Soil	10,860	-0.46
08/31/2021	17:18:28	78793.20	394725.97	37.56	Soil	12,180	0.47
08/31/2021	17:18:29	78793.31	394726.02	37.56	Soil	10,680	-0.58
08/31/2021	17:18:30	78793.31	394726.02	37.55	Soil	11,400	-0.08
08/31/2021	17:18:31	78792.98	394725.98	37.49	Soil	11,640	0.09
08/31/2021	17:18:32	78792.99	394726.11	37.44	Soil	11,700	0.13
08/31/2021	17:18:33	78793.31	394726.30	37.44	Soil	10,980	-0.37
08/31/2021	17:18:35	78793.13	394726.23	37.37	Soil	9,720	-1.26
08/31/2021	17:18:35	78792.78	394726.13	37.35	Soil	12,300	0.55

SU 7D GWS RESULTS
(SOIL)

08/31/2021	17:18:36	78792.84	394726.06	37.35	Soil	11,940	0.30
08/31/2021	17:18:37	78792.85	394726.25	37.37	Soil	10,800	-0.50
08/31/2021	17:18:38	78792.92	394726.39	37.36	Soil	11,160	-0.25
08/31/2021	17:18:39	78793.10	394726.21	37.41	Soil	9,960	-1.09
08/31/2021	17:18:40	78793.06	394726.04	37.41	Soil	12,060	0.39
08/31/2021	17:18:42	78793.20	394726.17	37.35	Soil	12,060	0.39
08/31/2021	17:18:42	78793.37	394726.15	37.36	Soil	12,120	0.43
08/31/2021	17:18:44	78793.24	394726.09	37.35	Soil	10,500	-0.71
08/31/2021	17:18:44	78793.28	394726.10	37.35	Soil	9,480	-1.42
08/31/2021	17:18:45	78793.34	394726.12	37.34	Soil	11,100	-0.29
08/31/2021	17:18:46	78793.30	394726.10	37.33	Soil	11,160	-0.25
08/31/2021	17:18:47	78793.31	394726.11	37.33	Soil	10,800	-0.50
08/31/2021	17:18:48	78793.31	394726.12	37.32	Soil	12,600	0.76
08/31/2021	17:18:49	78793.33	394726.11	37.31	Soil	10,920	-0.41
08/31/2021	17:18:51	78793.33	394726.11	37.30	Soil	9,900	-1.13
08/31/2021	17:18:51	78793.30	394726.11	37.27	Soil	12,420	0.64
08/31/2021	17:18:52	78793.31	394726.13	37.27	Soil	11,520	0.01
08/31/2021	17:18:53	78793.25	394726.10	37.30	Soil	11,160	-0.25
08/31/2021	17:18:54	78793.25	394726.10	37.28	Soil	10,440	-0.75
08/31/2021	17:18:55	78793.30	394726.10	37.25	Soil	11,280	-0.16
08/31/2021	17:18:56	78793.30	394726.08	37.25	Soil	10,560	-0.67
08/31/2021	17:18:57	78793.29	394726.08	37.25	Soil	11,460	-0.04
08/31/2021	17:18:58	78793.25	394726.11	37.28	Soil	11,280	-0.16
08/31/2021	17:18:59	78793.01	394726.15	37.29	Soil	11,940	0.30
08/31/2021	17:19:00	78792.71	394726.07	37.27	Soil	11,580	0.05
08/31/2021	17:19:01	78792.74	394726.03	37.28	Soil	12,240	0.51
08/31/2021	17:19:02	78792.61	394726.10	37.27	Soil	10,740	-0.54
08/31/2021	17:19:03	78792.51	394726.08	37.32	Soil	10,320	-0.84
08/31/2021	17:19:04	78792.65	394726.10	37.32	Soil	10,020	-1.05
08/31/2021	17:19:05	78792.59	394726.39	37.34	Soil	12,840	0.93
08/31/2021	17:19:06	78792.44	394726.57	37.25	Soil	9,840	-1.17
08/31/2021	17:19:07	78792.47	394726.55	37.00	Soil	10,320	-0.84
08/31/2021	17:19:08	78792.61	394726.63	37.00	Soil	9,420	-1.47
08/31/2021	17:19:09	78792.58	394726.60	37.01	Soil	9,960	-1.09
08/31/2021	17:19:10	78792.47	394726.73	37.01	Soil	9,600	-1.34
08/31/2021	17:19:11	78792.72	394726.91	37.05	Soil	9,000	-1.76
08/31/2021	17:19:12	78793.23	394726.82	37.03	Soil	11,820	0.22
08/31/2021	17:19:13	78792.97	394726.67	37.07	Soil	10,860	-0.46
08/31/2021	17:19:14	78792.79	394726.60	37.12	Soil	10,740	-0.54
08/31/2021	17:19:15	78793.03	394726.59	37.12	Soil	11,520	0.01
08/31/2021	17:19:16	78792.89	394726.67	37.12	Soil	11,520	0.01
08/31/2021	17:19:17	78792.82	394726.69	37.10	Soil	9,900	-1.13
08/31/2021	17:19:18	78792.86	394726.61	37.16	Soil	11,400	-0.08
08/31/2021	17:19:19	78792.77	394726.67	37.14	Soil	11,100	-0.29
08/31/2021	17:19:20	78792.78	394726.75	37.10	Soil	10,800	-0.50
08/31/2021	17:19:21	78792.63	394726.69	37.03	Soil	11,040	-0.33
08/31/2021	17:19:22	78792.39	394726.59	37.03	Soil	10,380	-0.79
08/31/2021	17:19:23	78792.44	394726.60	37.06	Soil	10,200	-0.92
08/31/2021	17:19:24	78792.84	394726.72	37.07	Soil	11,100	-0.29
08/31/2021	17:19:25	78792.54	394726.65	37.05	Soil	10,320	-0.84
08/31/2021	17:19:26	78792.04	394726.49	37.05	Soil	10,020	-1.05

SU 7D GWS RESULTS
(SOIL)

08/31/2021	17:19:27	78792.44	394726.61	37.07	Soil	10,140	-0.96
08/31/2021	17:19:28	78792.89	394726.76	37.11	Soil	9,780	-1.21
08/31/2021	17:19:29	78792.47	394726.64	37.05	Soil	9,960	-1.09
08/31/2021	17:19:30	78792.25	394726.55	37.05	Soil	9,900	-1.13
08/31/2021	17:19:31	78792.86	394726.67	37.08	Soil	9,780	-1.21
08/31/2021	17:19:33	78792.98	394726.75	37.09	Soil	9,960	-1.09
08/31/2021	17:19:33	78792.56	394726.99	37.00	Soil	11,520	0.01
08/31/2021	17:19:35	78792.71	394726.98	37.07	Soil	9,840	-1.17
08/31/2021	17:19:35	78793.27	394726.73	37.13	Soil	9,420	-1.47
08/31/2021	17:19:37	78792.89	394726.68	37.12	Soil	11,460	-0.04
08/31/2021	17:19:38	78792.23	394726.65	37.05	Soil	11,280	-0.16
08/31/2021	17:19:39	78792.22	394726.62	37.05	Soil	11,040	-0.33
08/31/2021	17:19:40	78792.49	394726.92	37.00	Soil	11,100	-0.29
08/31/2021	17:19:40	78792.44	394727.15	37.00	Soil	10,860	-0.46
08/31/2021	17:19:41	78792.48	394726.84	37.01	Soil	11,580	0.05
08/31/2021	17:19:43	78792.38	394726.55	37.02	Soil	10,680	-0.58
08/31/2021	17:19:43	78792.43	394727.03	36.99	Soil	12,060	0.39
08/31/2021	17:19:44	78792.61	394727.15	36.88	Soil	10,140	-0.96
08/31/2021	17:19:46	78792.48	394726.85	36.88	Soil	10,200	-0.92
08/31/2021	17:19:46	78792.43	394726.75	36.91	Soil	10,980	-0.37
08/31/2021	17:19:47	78792.56	394726.93	36.94	Soil	10,500	-0.71
08/31/2021	17:19:49	78792.67	394726.94	36.97	Soil	9,780	-1.21
08/31/2021	17:19:50	78792.43	394726.71	36.97	Soil	10,320	-0.84
08/31/2021	17:19:51	78792.13	394726.89	36.93	Soil	10,620	-0.62
08/31/2021	17:19:52	78792.29	394726.95	36.96	Soil	11,340	-0.12
08/31/2021	17:19:52	78792.69	394726.76	37.02	Soil	9,900	-1.13
08/31/2021	17:19:54	78792.78	394726.71	37.01	Soil	11,280	-0.16
08/31/2021	17:19:54	78792.81	394726.64	37.02	Soil	9,480	-1.42
08/31/2021	17:19:55	78792.82	394726.64	37.05	Soil	10,440	-0.75
08/31/2021	17:19:56	78792.87	394726.64	37.24	Soil	10,020	-1.05
08/31/2021	17:19:57	78792.99	394726.65	37.24	Soil	11,040	-0.33
08/31/2021	17:19:59	78793.29	394726.63	37.42	Soil	9,360	-1.51
08/31/2021	17:19:59	78793.24	394726.68	37.44	Soil	11,040	-0.33
08/31/2021	17:20:00	78793.08	394726.69	37.47	Soil	11,760	0.18
08/31/2021	17:20:01	78793.13	394726.68	38.27	Soil	10,800	-0.50
08/31/2021	17:20:02	78793.07	394726.65	38.40	Soil	9,840	-1.17
08/31/2021	17:20:03	78793.07	394726.62	38.39	Soil	12,180	0.47
08/31/2021	17:20:04	78793.05	394726.63	38.37	Soil	10,260	-0.88
08/31/2021	17:20:05	78793.06	394726.61	38.33	Soil	10,680	-0.58
08/31/2021	17:20:06	78793.04	394726.61	38.32	Soil	10,140	-0.96
08/31/2021	17:20:07	78793.03	394726.59	38.30	Soil	10,800	-0.50
08/31/2021	17:20:08	78793.02	394726.58	38.28	Soil	9,780	-1.21
08/31/2021	17:20:09	78793.06	394726.55	38.24	Soil	11,400	-0.08
08/31/2021	17:20:10	78793.06	394726.57	38.24	Soil	11,040	-0.33
08/31/2021	17:20:11	78793.06	394726.54	38.20	Soil	9,720	-1.26
08/31/2021	17:20:12	78793.09	394726.55	38.18	Soil	10,320	-0.84
08/31/2021	17:20:13	78793.10	394726.52	38.18	Soil	9,900	-1.13
08/31/2021	17:20:14	78793.09	394726.53	38.16	Soil	12,180	0.47
08/31/2021	17:20:15	78793.10	394726.51	38.15	Soil	10,020	-1.05
08/31/2021	17:20:16	78793.10	394726.52	38.14	Soil	11,040	-0.33
08/31/2021	17:20:18	78793.10	394726.50	38.14	Soil	11,700	0.13

SU 7D GWS RESULTS
(SOIL)

08/31/2021	17:20:18	78793.22	394726.50	38.13	Soil	9,540	-1.38
08/31/2021	17:20:19	78793.42	394726.52	38.10	Soil	10,620	-0.62
08/31/2021	17:20:20	78793.45	394726.50	38.09	Soil	9,000	-1.76
08/31/2021	17:20:21	78793.56	394726.50	38.07	Soil	10,860	-0.46
08/31/2021	17:20:22	78793.46	394726.48	38.05	Soil	10,080	-1.00
08/31/2021	17:20:23	78793.49	394726.42	38.08	Soil	9,960	-1.09
08/31/2021	17:20:24	78793.56	394726.25	38.13	Soil	9,840	-1.17
08/31/2021	17:20:25	78793.51	394726.09	38.20	Soil	9,480	-1.42
08/31/2021	17:20:26	78793.55	394725.92	38.29	Soil	10,200	-0.92
08/31/2021	17:20:27	78793.54	394725.75	38.37	Soil	13,200	1.19
08/31/2021	17:20:28	78793.55	394725.56	38.46	Soil	11,760	0.18
08/31/2021	17:20:29	78793.56	394725.46	38.49	Soil	9,060	-1.72
08/31/2021	17:20:30	78793.57	394725.51	38.50	Soil	9,840	-1.17
08/31/2021	17:20:31	78793.58	394725.46	38.51	Soil	10,320	-0.84
08/31/2021	17:20:32	78793.56	394725.48	38.51	Soil	11,940	0.30
08/31/2021	17:20:33	78793.57	394725.45	38.50	Soil	10,080	-1.00
08/31/2021	17:20:34	78793.53	394725.47	38.37	Soil	12,120	0.43
08/31/2021	17:20:35	78793.25	394725.49	38.17	Soil	9,900	-1.13
08/31/2021	17:20:36	78793.29	394725.58	37.65	Soil	11,280	-0.16
08/31/2021	17:20:37	78793.49	394725.61	37.28	Soil	11,160	-0.25
08/31/2021	17:20:38	78793.32	394725.64	37.29	Soil	10,860	-0.46
08/31/2021	17:20:39	78793.22	394725.64	37.30	Soil	11,520	0.01
08/31/2021	17:20:40	78793.44	394725.59	37.35	Soil	11,040	-0.33
08/31/2021	17:20:41	78793.45	394725.55	37.38	Soil	12,120	0.43
08/31/2021	17:20:42	78793.50	394725.58	37.39	Soil	11,280	-0.16
08/31/2021	17:20:43	78793.70	394725.66	37.60	Soil	11,220	-0.20
08/31/2021	17:20:44	78793.78	394725.72	37.38	Soil	11,340	-0.12
08/31/2021	17:20:45	78793.54	394725.74	37.33	Soil	11,100	-0.29
08/31/2021	17:20:46	78793.57	394725.67	37.33	Soil	11,940	0.30
08/31/2021	17:20:47	78793.95	394725.68	37.45	Soil	10,740	-0.54
08/31/2021	17:20:48	78794.10	394725.66	37.48	Soil	12,600	0.76
08/31/2021	17:20:49	78793.68	394725.63	37.41	Soil	11,460	-0.04
08/31/2021	17:20:50	78793.68	394725.75	37.46	Soil	10,200	-0.92
08/31/2021	17:20:51	78793.98	394725.79	37.49	Soil	11,640	0.09
08/31/2021	17:20:52	78793.80	394725.75	37.48	Soil	11,400	-0.08
08/31/2021	17:20:53	78793.44	394725.76	37.42	Soil	11,700	0.13
08/31/2021	17:20:54	78793.36	394725.93	37.42	Soil	10,680	-0.58
08/31/2021	17:20:55	78793.75	394725.97	37.53	Soil	9,660	-1.30
08/31/2021	17:20:56	78793.67	394725.76	37.48	Soil	11,400	-0.08
08/31/2021	17:20:57	78793.17	394725.63	37.42	Soil	9,900	-1.13
08/31/2021	17:20:58	78793.23	394725.96	37.41	Soil	10,980	-0.37
08/31/2021	17:20:59	78793.76	394726.19	37.43	Soil	10,440	-0.75
08/31/2021	17:21:00	78793.81	394726.03	37.41	Soil	9,360	-1.51
08/31/2021	17:21:01	78793.51	394725.87	37.49	Soil	11,460	-0.04
08/31/2021	17:21:02	78793.34	394725.74	37.46	Soil	12,360	0.60
08/31/2021	17:21:03	78793.76	394725.79	37.58	Soil	11,220	-0.20
08/31/2021	17:21:04	78793.95	394725.78	37.62	Soil	9,960	-1.09
08/31/2021	17:21:05	78793.64	394725.67	37.60	Soil	11,820	0.22
08/31/2021	17:21:06	78793.32	394725.70	37.63	Soil	11,940	0.30
08/31/2021	17:21:07	78793.93	394725.87	37.66	Soil	10,680	-0.58
08/31/2021	17:21:08	78794.23	394725.74	37.77	Soil	12,540	0.72

SU 7D GWS RESULTS
(SOIL)

08/31/2021	17:21:09	78793.92	394725.55	37.71	Soil	11,520	0.01
08/31/2021	17:21:10	78793.89	394725.63	37.64	Soil	10,500	-0.71
08/31/2021	17:21:11	78794.15	394725.95	37.82	Soil	11,400	-0.08
08/31/2021	17:21:12	78794.34	394725.91	37.81	Soil	10,080	-1.00
08/31/2021	17:21:13	78794.10	394725.68	37.73	Soil	12,060	0.39
08/31/2021	17:21:14	78794.00	394725.69	37.71	Soil	10,920	-0.41
08/31/2021	17:21:15	78794.21	394726.11	37.79	Soil	11,280	-0.16
08/31/2021	17:21:16	78794.31	394726.07	37.78	Soil	12,120	0.43
08/31/2021	17:21:17	78793.94	394725.67	37.73	Soil	12,240	0.51
08/31/2021	17:21:18	78793.84	394725.70	37.73	Soil	10,200	-0.92
08/31/2021	17:21:19	78794.36	394725.99	37.80	Soil	10,320	-0.84
08/31/2021	17:21:20	78794.49	394725.74	37.78	Soil	10,560	-0.67
08/31/2021	17:21:21	78794.18	394725.39	37.76	Soil	11,400	-0.08
08/31/2021	17:21:22	78794.54	394725.55	37.85	Soil	11,700	0.13
08/31/2021	17:21:23	78794.63	394725.62	37.98	Soil	9,720	-1.26
08/31/2021	17:21:24	78794.53	394725.33	37.96	Soil	9,360	-1.51
08/31/2021	17:21:25	78794.42	394725.34	38.02	Soil	11,040	-0.33
08/31/2021	17:21:26	78794.31	394725.54	37.97	Soil	10,980	-0.37
08/31/2021	17:21:27	78794.28	394725.58	37.89	Soil	11,460	-0.04
08/31/2021	17:21:28	78794.37	394725.83	38.09	Soil	11,760	0.18
08/31/2021	17:21:29	78794.25	394725.91	37.98	Soil	11,280	-0.16
08/31/2021	17:21:30	78793.86	394725.92	37.95	Soil	11,280	-0.16
08/31/2021	17:21:31	78793.84	394725.93	37.80	Soil	11,100	-0.29
08/31/2021	17:21:32	78794.22	394726.18	37.93	Soil	9,780	-1.21
08/31/2021	17:21:33	78794.31	394726.17	37.83	Soil	10,680	-0.58
08/31/2021	17:21:34	78794.00	394725.83	37.73	Soil	11,160	-0.25
08/31/2021	17:21:35	78793.79	394725.77	37.77	Soil	10,080	-1.00
08/31/2021	17:21:36	78794.10	394726.23	37.82	Soil	10,320	-0.84
08/31/2021	17:21:37	78794.16	394726.22	37.82	Soil	11,280	-0.16
08/31/2021	17:21:38	78793.79	394725.80	37.77	Soil	10,800	-0.50
08/31/2021	17:21:39	78793.76	394725.87	37.79	Soil	11,280	-0.16
08/31/2021	17:21:40	78794.31	394726.58	37.83	Soil	11,280	-0.16
08/31/2021	17:21:41	78794.30	394726.38	37.56	Soil	12,180	0.47
08/31/2021	17:21:42	78794.38	394726.43	37.60	Soil	10,020	-1.05
08/31/2021	17:21:43	78794.25	394726.38	37.62	Soil	9,600	-1.34
08/31/2021	17:21:44	78794.16	394726.26	37.68	Soil	9,360	-1.51
08/31/2021	17:21:45	78793.91	394726.15	37.59	Soil	12,780	0.89
08/31/2021	17:21:46	78793.85	394725.71	37.81	Soil	11,640	0.09
08/31/2021	17:21:47	78794.03	394725.68	38.19	Soil	10,860	-0.46
08/31/2021	17:21:48	78793.79	394725.98	38.52	Soil	9,240	-1.59
08/31/2021	17:21:49	78793.11	394725.79	38.60	Soil	12,900	0.98
08/31/2021	17:21:50	78793.00	394725.64	38.52	Soil	11,940	0.30
08/31/2021	17:21:51	78793.23	394725.77	38.56	Soil	10,560	-0.67
08/31/2021	17:21:52	78793.14	394725.72	38.56	Soil	10,140	-0.96
08/31/2021	17:21:53	78793.07	394725.65	38.57	Soil	10,680	-0.58
08/31/2021	17:21:54	78793.68	394725.80	38.58	Soil	11,700	0.13
08/31/2021	17:21:55	78794.04	394725.73	38.55	Soil	10,380	-0.79
08/31/2021	17:21:56	78794.14	394725.67	38.57	Soil	8,700	-1.97
08/31/2021	17:21:57	78794.58	394725.78	38.59	Soil	11,280	-0.16
08/31/2021	17:21:58	78794.76	394725.69	38.56	Soil	11,760	0.18
08/31/2021	17:21:59	78794.68	394725.61	38.55	Soil	11,460	-0.04

SU 7D GWS RESULTS
(SOIL)

08/31/2021	17:22:00	78794.80	394725.70	38.56	Soil	10,620	-0.62
08/31/2021	17:22:01	78794.83	394725.63	38.51	Soil	11,340	-0.12
08/31/2021	17:22:02	78794.68	394725.91	38.30	Soil	11,280	-0.16
08/31/2021	17:22:03	78794.74	394726.40	38.13	Soil	10,800	-0.50
08/31/2021	17:22:04	78794.73	394726.12	38.02	Soil	10,800	-0.50
08/31/2021	17:22:05	78794.74	394725.71	38.11	Soil	11,340	-0.12
08/31/2021	17:22:06	78794.88	394725.79	38.29	Soil	10,740	-0.54
08/31/2021	17:22:07	78795.43	394725.61	38.31	Soil	10,260	-0.88
08/31/2021	17:22:08	78795.40	394725.68	38.29	Soil	11,100	-0.29
08/31/2021	17:22:09	78795.26	394725.87	38.22	Soil	11,580	0.05
08/31/2021	17:22:10	78795.03	394725.73	38.25	Soil	10,140	-0.96
08/31/2021	17:22:11	78795.05	394725.76	38.24	Soil	10,200	-0.92
08/31/2021	17:22:12	78795.17	394726.14	38.27	Soil	11,280	-0.16
08/31/2021	17:22:13	78795.30	394725.80	38.30	Soil	11,220	-0.20
08/31/2021	17:22:14	78795.22	394725.64	38.28	Soil	11,520	0.01
08/31/2021	17:22:15	78795.19	394726.01	38.27	Soil	12,360	0.60
08/31/2021	17:22:16	78795.21	394725.88	38.27	Soil	11,940	0.30
08/31/2021	17:22:17	78795.16	394725.43	38.25	Soil	9,660	-1.30
08/31/2021	17:22:18	78795.14	394725.78	38.26	Soil	11,220	-0.20
08/31/2021	17:22:19	78795.14	394725.99	38.18	Soil	11,640	0.09
08/31/2021	17:22:20	78795.11	394725.77	38.24	Soil	10,380	-0.79
08/31/2021	17:22:21	78795.06	394725.49	38.28	Soil	12,660	0.81
08/31/2021	17:22:22	78795.08	394725.88	38.24	Soil	12,000	0.34
08/31/2021	17:22:23	78795.08	394726.03	38.24	Soil	10,740	-0.54
08/31/2021	17:22:24	78795.02	394725.57	38.23	Soil	11,040	-0.33
08/31/2021	17:22:25	78794.93	394725.51	38.18	Soil	10,140	-0.96
08/31/2021	17:22:26	78794.83	394725.72	38.18	Soil	11,160	-0.25
08/31/2021	17:22:27	78794.81	394725.95	38.04	Soil	9,660	-1.30
08/31/2021	17:22:28	78794.86	394725.80	38.12	Soil	12,420	0.64
08/31/2021	17:22:29	78794.72	394725.50	38.16	Soil	9,420	-1.47
08/31/2021	17:22:30	78794.73	394725.64	38.15	Soil	10,320	-0.84
08/31/2021	17:22:31	78794.75	394725.96	38.08	Soil	11,580	0.05
08/31/2021	17:22:32	78794.57	394725.91	37.91	Soil	11,040	-0.33
08/31/2021	17:22:33	78794.55	394725.79	37.95	Soil	11,160	-0.25
08/31/2021	17:22:34	78794.55	394725.57	38.07	Soil	10,980	-0.37
08/31/2021	17:22:35	78794.53	394725.66	38.03	Soil	10,200	-0.92
08/31/2021	17:22:36	78794.58	394726.00	37.99	Soil	10,200	-0.92
08/31/2021	17:22:37	78794.78	394726.14	37.98	Soil	13,260	1.23
08/31/2021	17:22:38	78794.76	394725.77	38.05	Soil	11,460	-0.04
08/31/2021	17:22:39	78794.58	394725.55	38.13	Soil	9,960	-1.09
08/31/2021	17:22:40	78794.29	394725.58	38.08	Soil	9,600	-1.34
08/31/2021	17:22:41	78794.32	394725.90	37.91	Soil	11,880	0.26
08/31/2021	17:22:42	78794.38	394725.78	37.92	Soil	11,940	0.30
08/31/2021	17:22:43	78794.19	394725.52	37.90	Soil	11,640	0.09
08/31/2021	17:22:44	78794.13	394725.76	37.88	Soil	11,520	0.01
08/31/2021	17:22:45	78794.33	394725.98	37.88	Soil	12,960	1.02
08/31/2021	17:22:46	78794.37	394725.89	37.94	Soil	12,420	0.64
08/31/2021	17:22:47	78794.27	394725.55	38.13	Soil	10,560	-0.67
08/31/2021	17:22:48	78794.15	394725.68	38.03	Soil	11,520	0.01
08/31/2021	17:22:49	78794.11	394725.83	37.89	Soil	11,460	-0.04
08/31/2021	17:22:50	78794.01	394725.69	37.84	Soil	10,020	-1.05

SU 7D GWS RESULTS
(SOIL)

08/31/2021	17:22:51	78793.99	394725.57	37.81	Soil	9,900	-1.13
08/31/2021	17:22:52	78794.01	394725.79	37.81	Soil	9,840	-1.17
08/31/2021	17:22:53	78794.07	394726.06	37.91	Soil	10,320	-0.84
08/31/2021	17:22:54	78794.10	394726.18	37.97	Soil	11,580	0.05
08/31/2021	17:22:55	78794.03	394725.82	37.93	Soil	11,160	-0.25
08/31/2021	17:22:56	78793.93	394725.55	37.90	Soil	11,820	0.22
08/31/2021	17:22:57	78794.11	394726.00	37.95	Soil	11,820	0.22
08/31/2021	17:22:58	78794.25	394726.16	37.90	Soil	9,900	-1.13
08/31/2021	17:22:59	78794.24	394725.92	37.91	Soil	11,940	0.30
08/31/2021	17:23:00	78794.22	394725.47	37.93	Soil	12,360	0.60
08/31/2021	17:23:01	78794.29	394725.59	37.91	Soil	12,120	0.43
08/31/2021	17:23:02	78794.50	394726.11	37.96	Soil	11,520	0.01
08/31/2021	17:23:03	78794.59	394726.15	37.95	Soil	10,620	-0.62
08/31/2021	17:23:04	78794.54	394725.78	37.95	Soil	12,000	0.34
08/31/2021	17:23:05	78794.37	394725.67	37.96	Soil	11,100	-0.29
08/31/2021	17:23:06	78794.65	394725.88	38.02	Soil	12,120	0.43
08/31/2021	17:23:07	78794.93	394726.04	38.10	Soil	9,600	-1.34
08/31/2021	17:23:08	78794.88	394725.79	38.14	Soil	11,820	0.22
08/31/2021	17:23:09	78794.74	394725.50	38.21	Soil	10,320	-0.84
08/31/2021	17:23:10	78794.87	394725.64	38.22	Soil	11,100	-0.29
08/31/2021	17:23:11	78794.90	394725.70	38.21	Soil	9,840	-1.17
08/31/2021	17:23:12	78794.69	394725.53	38.25	Soil	10,980	-0.37
08/31/2021	17:23:13	78794.79	394725.61	38.26	Soil	11,160	-0.25
08/31/2021	17:23:14	78795.22	394725.92	38.30	Soil	10,980	-0.37
08/31/2021	17:23:15	78795.40	394726.06	38.32	Soil	11,760	0.18
08/31/2021	17:23:16	78795.12	394725.81	38.28	Soil	10,620	-0.62
08/31/2021	17:23:17	78795.02	394725.56	38.28	Soil	11,280	-0.16
08/31/2021	17:23:18	78795.48	394725.65	38.29	Soil	9,600	-1.34
08/31/2021	17:23:19	78795.31	394725.68	38.26	Soil	10,560	-0.67
08/31/2021	17:23:20	78794.88	394725.76	38.23	Soil	10,560	-0.67
08/31/2021	17:23:21	78794.93	394725.67	38.25	Soil	11,220	-0.20
08/31/2021	17:23:22	78795.60	394726.08	38.27	Soil	9,840	-1.17
08/31/2021	17:23:23	78795.64	394725.89	38.30	Soil	11,040	-0.33
08/31/2021	17:23:24	78795.51	394725.28	38.31	Soil	10,320	-0.84
08/31/2021	17:23:25	78795.39	394725.78	38.29	Soil	11,340	-0.12
08/31/2021	17:23:26	78795.59	394726.07	38.30	Soil	11,400	-0.08
08/31/2021	17:23:27	78795.50	394725.66	38.33	Soil	8,820	-1.89
08/31/2021	17:23:28	78795.43	394725.54	38.33	Soil	11,040	-0.33
08/31/2021	17:23:29	78795.47	394725.91	38.30	Soil	10,380	-0.79
08/31/2021	17:23:30	78795.56	394725.88	38.31	Soil	10,500	-0.71
08/31/2021	17:23:31	78795.39	394725.47	38.27	Soil	10,920	-0.41
08/31/2021	17:23:32	78795.30	394725.77	38.28	Soil	11,520	0.01
08/31/2021	17:23:33	78795.38	394726.04	38.26	Soil	13,260	1.23
08/31/2021	17:23:34	78795.32	394725.65	38.28	Soil	10,740	-0.54
08/31/2021	17:23:35	78795.15	394725.47	38.24	Soil	10,500	-0.71
08/31/2021	17:23:36	78795.14	394725.82	38.11	Soil	9,780	-1.21
08/31/2021	17:23:37	78795.14	394725.67	38.22	Soil	9,960	-1.09
08/31/2021	17:23:38	78795.17	394725.51	38.75	Soil	10,620	-0.62
08/31/2021	17:23:39	78795.25	394725.67	39.21	Soil	8,460	-2.14
08/31/2021	17:23:40	78795.26	394725.51	39.19	Soil	10,560	-0.67
08/31/2021	17:23:41	78795.18	394725.58	39.23	Soil	10,380	-0.79

SU 7D GWS RESULTS
(SOIL)

08/31/2021	17:23:42	78795.20	394725.52	39.27	Soil	9,840	-1.17
08/31/2021	17:23:43	78795.17	394725.54	39.33	Soil	11,040	-0.33
08/31/2021	17:23:44	78795.24	394725.53	39.37	Soil	11,160	-0.25
08/31/2021	17:23:45	78795.58	394725.41	39.32	Soil	10,800	-0.50
08/31/2021	17:23:46	78795.82	394725.44	39.39	Soil	9,720	-1.26
08/31/2021	17:23:47	78796.14	394725.29	39.41	Soil	9,480	-1.42
08/31/2021	17:23:48	78796.41	394725.29	39.46	Soil	9,120	-1.68
08/31/2021	17:23:49	78796.65	394725.12	39.43	Soil	10,440	-0.75
08/31/2021	17:23:50	78796.57	394725.23	39.45	Soil	9,360	-1.51
08/31/2021	17:23:51	78796.56	394725.15	39.36	Soil	10,860	-0.46
08/31/2021	17:23:52	78796.42	394725.18	39.14	Soil	9,900	-1.13
08/31/2021	17:23:53	78796.20	394725.38	38.90	Soil	10,620	-0.62
08/31/2021	17:23:54	78796.26	394725.39	38.91	Soil	10,860	-0.46
08/31/2021	17:23:55	78796.49	394725.82	39.01	Soil	10,800	-0.50
08/31/2021	17:23:56	78796.67	394725.79	39.00	Soil	11,220	-0.20
08/31/2021	17:23:57	78796.58	394725.16	38.97	Soil	10,920	-0.41
08/31/2021	17:23:58	78796.62	394725.48	39.02	Soil	9,420	-1.47
08/31/2021	17:23:59	78796.68	394725.80	38.99	Soil	8,880	-1.85
08/31/2021	17:24:00	78796.66	394725.27	38.96	Soil	9,540	-1.38
08/31/2021	17:24:01	78796.51	394725.31	38.88	Soil	10,260	-0.88
08/31/2021	17:24:02	78796.56	394725.45	38.88	Soil	10,860	-0.46
08/31/2021	17:24:03	78796.59	394725.34	38.91	Soil	11,100	-0.29
08/31/2021	17:24:04	78796.48	394725.37	38.88	Soil	12,240	0.51
08/31/2021	17:24:05	78796.56	394725.55	38.81	Soil	11,340	-0.12
08/31/2021	17:24:06	78796.47	394725.41	38.77	Soil	10,560	-0.67
08/31/2021	17:24:07	78796.33	394725.20	38.81	Soil	9,720	-1.26
08/31/2021	17:24:08	78796.28	394725.70	38.74	Soil	9,420	-1.47
08/31/2021	17:24:09	78796.52	394725.96	38.59	Soil	10,560	-0.67
08/31/2021	17:24:10	78796.46	394725.85	38.56	Soil	10,440	-0.75
08/31/2021	17:24:11	78796.30	394725.60	38.60	Soil	10,920	-0.41
08/31/2021	17:24:12	78796.21	394725.62	38.52	Soil	10,380	-0.79
08/31/2021	17:24:13	78796.19	394725.64	38.58	Soil	10,320	-0.84
08/31/2021	17:24:14	78796.37	394725.88	38.56	Soil	11,160	-0.25
08/31/2021	17:24:15	78796.63	394726.10	38.55	Soil	10,860	-0.46
08/31/2021	17:24:16	78796.62	394725.96	38.50	Soil	9,420	-1.47
08/31/2021	17:24:17	78796.41	394725.75	38.47	Soil	10,020	-1.05
08/31/2021	17:24:18	78796.20	394725.79	38.48	Soil	11,700	0.13
08/31/2021	17:24:19	78796.49	394726.02	38.52	Soil	11,100	-0.29
08/31/2021	17:24:20	78796.60	394725.98	38.52	Soil	10,200	-0.92
08/31/2021	17:24:21	78796.22	394725.70	38.49	Soil	10,740	-0.54
08/31/2021	17:24:22	78796.21	394725.81	38.46	Soil	11,820	0.22
08/31/2021	17:24:23	78796.24	394725.92	38.41	Soil	9,420	-1.47
08/31/2021	17:24:24	78796.04	394725.63	38.44	Soil	9,840	-1.17
08/31/2021	17:24:25	78796.04	394725.51	38.52	Soil	9,780	-1.21
08/31/2021	17:24:26	78796.40	394725.66	38.58	Soil	9,480	-1.42
08/31/2021	17:24:27	78796.27	394725.66	38.51	Soil	10,440	-0.75
08/31/2021	17:24:28	78795.85	394725.53	38.46	Soil	10,260	-0.88
08/31/2021	17:24:29	78795.93	394725.73	38.37	Soil	10,560	-0.67
08/31/2021	17:24:30	78796.10	394726.05	38.39	Soil	10,380	-0.79
08/31/2021	17:24:31	78796.07	394725.97	38.34	Soil	10,440	-0.75
08/31/2021	17:24:32	78795.89	394725.67	38.33	Soil	10,020	-1.05

SU 7D GWS RESULTS
(SOIL)

08/31/2021	17:24:33	78795.96	394725.87	38.38	Soil	10,380	-0.79
08/31/2021	17:24:34	78796.17	394725.97	38.42	Soil	9,240	-1.59
08/31/2021	17:24:35	78796.08	394725.54	38.37	Soil	10,980	-0.37
08/31/2021	17:24:36	78795.97	394725.44	38.37	Soil	11,220	-0.20
08/31/2021	17:24:37	78796.10	394725.83	38.40	Soil	10,320	-0.84
08/31/2021	17:24:38	78796.21	394725.77	38.43	Soil	10,620	-0.62
08/31/2021	17:24:39	78795.96	394725.39	38.41	Soil	10,140	-0.96
08/31/2021	17:24:40	78795.81	394725.46	38.38	Soil	11,040	-0.33
08/31/2021	17:24:41	78795.83	394725.71	38.32	Soil	11,760	0.18
08/31/2021	17:24:42	78795.82	394725.76	38.26	Soil	11,100	-0.29
08/31/2021	17:24:43	78795.73	394725.77	38.26	Soil	10,800	-0.50
08/31/2021	17:24:44	78795.64	394725.73	38.28	Soil	10,200	-0.92
08/31/2021	17:24:45	78795.60	394725.69	38.27	Soil	10,740	-0.54
08/31/2021	17:24:46	78795.58	394725.70	38.27	Soil	12,600	0.76
08/31/2021	17:24:47	78795.57	394725.70	38.27	Soil	10,740	-0.54
08/31/2021	17:24:48	78795.58	394725.68	38.30	Soil	10,920	-0.41
08/31/2021	17:24:49	78795.69	394725.57	38.31	Soil	10,380	-0.79
08/31/2021	17:24:50	78795.74	394725.77	38.30	Soil	10,860	-0.46
08/31/2021	17:24:51	78795.80	394725.92	38.25	Soil	10,920	-0.41
08/31/2021	17:24:52	78795.74	394725.67	38.32	Soil	11,220	-0.20
08/31/2021	17:24:53	78795.71	394725.45	38.38	Soil	11,220	-0.20
08/31/2021	17:24:54	78795.83	394725.65	38.36	Soil	12,120	0.43
08/31/2021	17:24:55	78795.90	394725.75	38.37	Soil	10,980	-0.37
08/31/2021	17:24:56	78795.84	394725.46	38.48	Soil	11,760	0.18
08/31/2021	17:24:57	78795.96	394725.41	38.44	Soil	12,360	0.60
08/31/2021	17:24:58	78796.01	394725.52	38.46	Soil	10,980	-0.37
08/31/2021	17:24:59	78796.00	394725.78	38.47	Soil	8,940	-1.80
08/31/2021	17:25:00	78796.17	394726.00	38.42	Soil	10,440	-0.75
08/31/2021	17:25:01	78796.17	394725.76	38.45	Soil	10,440	-0.75
08/31/2021	17:25:02	78796.07	394725.50	38.45	Soil	11,220	-0.20
08/31/2021	17:25:03	78796.15	394725.70	38.48	Soil	10,560	-0.67
08/31/2021	17:25:04	78796.30	394726.06	38.45	Soil	9,780	-1.21
08/31/2021	17:25:05	78796.33	394725.93	38.41	Soil	10,260	-0.88
08/31/2021	17:25:06	78796.27	394725.64	38.46	Soil	11,280	-0.16
08/31/2021	17:25:07	78796.27	394725.67	38.52	Soil	10,320	-0.84
08/31/2021	17:25:08	78796.44	394725.94	38.50	Soil	10,380	-0.79
08/31/2021	17:25:09	78796.46	394725.89	38.46	Soil	8,460	-2.14
08/31/2021	17:25:10	78796.30	394725.65	38.47	Soil	11,160	-0.25
08/31/2021	17:25:11	78795.85	394725.43	38.42	Soil	10,500	-0.71
08/31/2021	17:25:12	78795.67	394725.59	38.44	Soil	12,120	0.43
08/31/2021	17:25:13	78795.88	394725.68	38.35	Soil	9,960	-1.09
08/31/2021	17:25:14	78795.74	394725.56	38.37	Soil	10,080	-1.00
08/31/2021	17:25:15	78795.44	394725.52	38.32	Soil	11,340	-0.12
08/31/2021	17:25:16	78795.47	394725.62	38.24	Soil	10,260	-0.88
08/31/2021	17:25:17	78795.63	394725.72	38.27	Soil	10,320	-0.84
08/31/2021	17:25:18	78795.75	394726.03	38.30	Soil	10,200	-0.92
08/31/2021	17:25:19	78795.78	394726.11	38.23	Soil	10,500	-0.71
08/31/2021	17:25:20	78795.63	394725.87	38.34	Soil	9,420	-1.47
08/31/2021	17:25:21	78795.38	394725.58	38.27	Soil	11,040	-0.33
08/31/2021	17:25:22	78795.36	394725.73	38.25	Soil	12,600	0.76
08/31/2021	17:25:23	78795.50	394725.98	38.23	Soil	10,800	-0.50

SU 7D GWS RESULTS
(SOIL)

08/31/2021	17:25:24	78795.45	394726.00	38.19	Soil	9,840	-1.17
08/31/2021	17:25:25	78795.26	394725.68	38.24	Soil	12,600	0.76
08/31/2021	17:25:26	78795.17	394725.63	38.22	Soil	10,800	-0.50
08/31/2021	17:25:27	78795.31	394726.00	38.21	Soil	11,220	-0.20
08/31/2021	17:25:28	78795.30	394726.00	38.23	Soil	10,380	-0.79
08/31/2021	17:25:29	78795.10	394725.60	38.24	Soil	9,900	-1.13
08/31/2021	17:25:30	78795.07	394725.62	38.22	Soil	11,640	0.09
08/31/2021	17:25:31	78795.24	394725.95	38.22	Soil	11,160	-0.25
08/31/2021	17:25:32	78795.34	394725.91	38.25	Soil	11,220	-0.20
08/31/2021	17:25:33	78795.34	394725.59	38.25	Soil	10,740	-0.54
08/31/2021	17:25:34	78795.37	394725.69	38.23	Soil	10,380	-0.79
08/31/2021	17:25:35	78795.58	394726.16	38.17	Soil	10,440	-0.75
08/31/2021	17:25:36	78795.67	394726.11	38.24	Soil	10,020	-1.05
08/31/2021	17:25:37	78795.61	394725.86	38.34	Soil	9,600	-1.34
08/31/2021	17:25:38	78795.56	394725.67	38.33	Soil	9,000	-1.76
08/31/2021	17:25:39	78795.67	394725.83	38.31	Soil	11,220	-0.20
08/31/2021	17:25:40	78795.72	394725.99	38.33	Soil	11,580	0.05
08/31/2021	17:25:41	78795.92	394726.35	38.31	Soil	10,380	-0.79
08/31/2021	17:25:42	78796.01	394726.31	38.34	Soil	11,340	-0.12
08/31/2021	17:25:43	78795.93	394726.12	38.34	Soil	9,480	-1.42
08/31/2021	17:25:44	78795.81	394725.97	38.38	Soil	11,940	0.30
08/31/2021	17:25:45	78795.81	394725.69	38.43	Soil	11,880	0.26
08/31/2021	17:25:46	78795.87	394725.68	38.46	Soil	11,700	0.13
08/31/2021	17:25:47	78795.99	394726.08	38.43	Soil	10,800	-0.50
08/31/2021	17:25:48	78796.13	394726.20	38.39	Soil	10,260	-0.88
08/31/2021	17:25:49	78796.08	394725.92	38.37	Soil	10,200	-0.92
08/31/2021	17:25:50	78796.03	394725.64	38.49	Soil	10,980	-0.37
08/31/2021	17:25:51	78796.10	394725.77	38.51	Soil	10,560	-0.67
08/31/2021	17:25:52	78796.28	394726.05	38.56	Soil	9,960	-1.09
08/31/2021	17:25:53	78796.40	394725.90	38.67	Soil	11,100	-0.29
08/31/2021	17:25:54	78796.36	394725.68	38.64	Soil	10,140	-0.96
08/31/2021	17:25:55	78796.26	394725.41	38.68	Soil	9,720	-1.26
08/31/2021	17:25:56	78796.29	394725.44	38.70	Soil	11,100	-0.29
08/31/2021	17:25:57	78796.40	394725.68	38.70	Soil	10,380	-0.79
08/31/2021	17:25:58	78796.55	394725.99	38.66	Soil	11,340	-0.12
08/31/2021	17:25:59	78796.44	394725.91	38.62	Soil	10,680	-0.58
08/31/2021	17:26:00	78796.16	394725.56	38.56	Soil	11,280	-0.16
08/31/2021	17:26:01	78796.05	394725.44	38.58	Soil	10,020	-1.05
08/31/2021	17:26:02	78796.31	394725.67	38.62	Soil	11,040	-0.33
08/31/2021	17:26:03	78796.58	394725.54	38.67	Soil	10,260	-0.88
08/31/2021	17:26:04	78796.59	394725.42	38.71	Soil	12,360	0.60
08/31/2021	17:26:05	78796.66	394725.70	38.81	Soil	9,780	-1.21
08/31/2021	17:26:06	78796.88	394725.69	38.90	Soil	9,780	-1.21
08/31/2021	17:26:07	78797.06	394725.41	38.92	Soil	9,360	-1.51
08/31/2021	17:26:08	78797.00	394725.18	38.92	Soil	9,900	-1.13
08/31/2021	17:26:09	78796.84	394725.30	38.81	Soil	11,880	0.26
08/31/2021	17:26:10	78796.84	394725.63	38.86	Soil	11,220	-0.20
08/31/2021	17:26:11	78797.00	394725.59	38.88	Soil	9,840	-1.17
08/31/2021	17:26:12	78797.03	394725.17	38.91	Soil	9,720	-1.26
08/31/2021	17:26:13	78797.00	394725.24	38.90	Soil	10,800	-0.50
08/31/2021	17:26:14	78796.95	394725.55	38.90	Soil	10,980	-0.37

SU 7D GWS RESULTS
(SOIL)

08/31/2021	17:26:15	78797.01	394725.31	38.91	Soil	10,020	-1.05
08/31/2021	17:26:16	78797.07	394725.15	38.94	Soil	10,200	-0.92
08/31/2021	17:26:17	78797.03	394725.52	38.97	Soil	10,320	-0.84
08/31/2021	17:26:18	78797.07	394725.47	38.96	Soil	10,380	-0.79
08/31/2021	17:26:19	78797.27	394725.00	39.01	Soil	12,300	0.55
08/31/2021	17:26:20	78797.30	394725.26	39.03	Soil	10,680	-0.58
08/31/2021	17:26:21	78797.44	394725.16	39.07	Soil	11,040	-0.33
08/31/2021	17:26:22	78797.44	394724.86	39.11	Soil	9,960	-1.09
08/31/2021	17:26:23	78797.39	394725.13	39.06	Soil	10,800	-0.50
08/31/2021	17:26:24	78797.26	394725.12	39.05	Soil	9,720	-1.26
08/31/2021	17:26:25	78797.18	394725.05	39.02	Soil	10,800	-0.50
08/31/2021	17:26:26	78797.38	394725.19	39.03	Soil	10,080	-1.00
08/31/2021	17:26:27	78797.59	394725.01	38.95	Soil	10,740	-0.54
08/31/2021	17:26:28	78797.61	394724.82	38.93	Soil	10,380	-0.79
08/31/2021	17:26:29	78797.50	394724.69	39.00	Soil	10,860	-0.46
08/31/2021	17:26:30	78797.39	394725.00	38.96	Soil	11,820	0.22
08/31/2021	17:26:31	78797.31	394725.25	38.88	Soil	9,840	-1.17
08/31/2021	17:26:32	78797.13	394725.10	38.88	Soil	10,320	-0.84
08/31/2021	17:26:33	78797.12	394725.09	38.85	Soil	10,620	-0.62
08/31/2021	17:26:34	78797.41	394725.36	38.92	Soil	10,680	-0.58
08/31/2021	17:26:35	78797.25	394725.31	38.89	Soil	9,720	-1.26
08/31/2021	17:26:36	78796.90	394725.14	39.02	Soil	9,600	-1.34
08/31/2021	17:26:37	78796.98	394725.21	39.09	Soil	9,060	-1.72
08/31/2021	17:26:38	78796.94	394725.13	39.04	Soil	10,440	-0.75
08/31/2021	17:26:39	78797.08	394725.05	39.00	Soil	10,320	-0.84
08/31/2021	17:26:40	78797.72	394724.97	39.05	Soil	11,220	-0.20
08/31/2021	17:26:41	78797.52	394724.70	38.94	Soil	9,900	-1.13
08/31/2021	17:26:42	78797.37	394724.51	38.88	Soil	10,920	-0.41
08/31/2021	17:26:43	78797.68	394724.42	39.01	Soil	12,300	0.55
08/31/2021	17:26:44	78797.62	394724.49	38.92	Soil	11,520	0.01
08/31/2021	17:26:45	78797.56	394724.68	38.86	Soil	10,140	-0.96
08/31/2021	17:26:46	78797.78	394724.69	39.01	Soil	9,360	-1.51
08/31/2021	17:26:47	78797.70	394724.74	38.94	Soil	10,800	-0.50
08/31/2021	17:26:48	78797.39	394724.74	38.89	Soil	10,320	-0.84
08/31/2021	17:26:49	78797.45	394724.89	38.89	Soil	10,320	-0.84
08/31/2021	17:26:50	78797.86	394724.77	39.07	Soil	9,900	-1.13
08/31/2021	17:26:51	78797.66	394724.52	38.89	Soil	9,960	-1.09
08/31/2021	17:26:52	78797.56	394724.44	38.82	Soil	9,600	-1.34
08/31/2021	17:26:53	78797.76	394724.22	39.01	Soil	10,740	-0.54
08/31/2021	17:26:54	78797.83	394724.12	39.05	Soil	11,220	-0.20
08/31/2021	17:26:55	78797.66	394724.20	38.94	Soil	9,900	-1.13
08/31/2021	17:26:56	78797.87	394724.15	39.11	Soil	8,880	-1.85
08/31/2021	17:26:57	78797.93	394724.22	39.05	Soil	11,940	0.30
08/31/2021	17:26:58	78797.68	394724.54	38.91	Soil	10,920	-0.41
08/31/2021	17:26:59	78797.76	394724.63	38.93	Soil	11,340	-0.12
08/31/2021	17:27:00	78797.89	394724.65	38.90	Soil	10,800	-0.50
08/31/2021	17:27:01	78797.87	394724.76	38.87	Soil	11,340	-0.12
08/31/2021	17:27:02	78797.60	394725.03	38.86	Soil	10,080	-1.00
08/31/2021	17:27:03	78797.33	394725.06	38.77	Soil	9,660	-1.30
08/31/2021	17:27:04	78797.29	394725.07	38.73	Soil	9,600	-1.34
08/31/2021	17:27:05	78797.40	394725.20	38.72	Soil	10,680	-0.58

SU 7D GWS RESULTS
(SOIL)

08/31/2021	17:27:06	78797.51	394725.32	38.71	Soil	11,700	0.13
08/31/2021	17:27:07	78797.29	394725.12	38.70	Soil	9,360	-1.51
08/31/2021	17:27:08	78797.35	394725.10	38.76	Soil	11,400	-0.08
08/31/2021	17:27:09	78797.67	394725.34	38.84	Soil	8,940	-1.80
08/31/2021	17:27:10	78797.67	394725.08	38.80	Soil	9,480	-1.42
08/31/2021	17:27:11	78797.61	394725.11	38.82	Soil	9,480	-1.42
08/31/2021	17:27:12	78797.76	394725.26	38.86	Soil	9,000	-1.76
08/31/2021	17:27:13	78797.72	394725.20	38.86	Soil	9,420	-1.47
08/31/2021	17:27:14	78797.92	394725.18	38.88	Soil	9,720	-1.26
08/31/2021	17:27:15	78798.13	394725.15	38.92	Soil	10,020	-1.05
08/31/2021	17:27:16	78797.90	394725.03	38.87	Soil	9,300	-1.55
08/31/2021	17:27:17	78797.87	394725.05	38.93	Soil	11,760	0.18
08/31/2021	17:27:18	78798.15	394725.18	39.01	Soil	11,100	-0.29
08/31/2021	17:27:19	78797.93	394725.11	39.08	Soil	10,320	-0.84
08/31/2021	17:27:20	78797.48	394725.11	39.02	Soil	11,220	-0.20
08/31/2021	17:27:21	78797.58	394725.06	39.01	Soil	9,840	-1.17
08/31/2021	17:27:22	78797.51	394725.06	39.04	Soil	10,680	-0.58
08/31/2021	17:27:23	78797.47	394725.16	39.05	Soil	10,020	-1.05
08/31/2021	17:27:24	78797.56	394725.12	39.31	Soil	11,220	-0.20
08/31/2021	17:27:25	78797.35	394725.08	39.38	Soil	10,380	-0.79
08/31/2021	17:27:26	78797.09	394725.12	39.32	Soil	10,200	-0.92
08/31/2021	17:27:27	78797.14	394725.18	39.34	Soil	10,080	-1.00
08/31/2021	17:27:28	78797.33	394725.18	39.44	Soil	10,920	-0.41
08/31/2021	17:27:29	78797.68	394725.10	39.54	Soil	10,680	-0.58
08/31/2021	17:27:30	78797.93	394724.98	39.56	Soil	12,360	0.60
08/31/2021	17:27:31	78798.17	394724.89	39.54	Soil	11,280	-0.16
08/31/2021	17:27:32	78798.30	394724.88	39.56	Soil	9,660	-1.30
08/31/2021	17:27:33	78798.34	394724.88	39.59	Soil	9,900	-1.13
08/31/2021	17:27:34	78798.39	394724.84	39.39	Soil	10,500	-0.71
08/31/2021	17:27:35	78798.49	394724.83	39.29	Soil	9,420	-1.47
08/31/2021	17:27:36	78798.32	394724.94	39.21	Soil	10,260	-0.88
08/31/2021	17:27:37	78798.04	394725.11	39.17	Soil	11,400	-0.08
08/31/2021	17:27:38	78797.98	394725.11	39.09	Soil	10,740	-0.54
08/31/2021	17:27:39	78798.13	394725.01	39.21	Soil	10,860	-0.46
08/31/2021	17:27:40	78798.09	394725.03	39.21	Soil	11,940	0.30
08/31/2021	17:27:41	78797.86	394725.11	39.29	Soil	10,740	-0.54
08/31/2021	17:27:42	78798.03	394725.04	39.32	Soil	10,800	-0.50
08/31/2021	17:27:43	78798.19	394725.02	39.30	Soil	9,420	-1.47
08/31/2021	17:27:44	78798.03	394725.02	39.28	Soil	9,600	-1.34
08/31/2021	17:27:45	78798.15	394724.99	39.29	Soil	9,660	-1.30
08/31/2021	17:27:46	78798.28	394725.03	39.38	Soil	10,380	-0.79
08/31/2021	17:27:47	78797.94	394725.05	39.45	Soil	12,000	0.34
08/31/2021	17:27:48	78797.62	394725.02	39.32	Soil	11,100	-0.29
08/31/2021	17:27:49	78797.64	394725.12	39.23	Soil	10,800	-0.50
08/31/2021	17:27:50	78797.67	394725.24	39.17	Soil	11,160	-0.25
08/31/2021	17:27:51	78797.68	394725.06	39.11	Soil	10,080	-1.00
08/31/2021	17:27:52	78797.65	394725.01	39.11	Soil	11,220	-0.20
08/31/2021	17:27:53	78797.69	394725.11	39.12	Soil	10,080	-1.00
08/31/2021	17:27:54	78797.86	394725.31	39.16	Soil	11,580	0.05
08/31/2021	17:27:55	78797.90	394725.37	39.16	Soil	9,540	-1.38
08/31/2021	17:27:56	78797.71	394725.19	39.10	Soil	9,780	-1.21

SU 7D GWS RESULTS
(SOIL)

08/31/2021	17:27:57	78797.85	394725.04	39.15	Soil	9,540	-1.38
08/31/2021	17:27:58	78797.92	394725.07	39.15	Soil	11,760	0.18
08/31/2021	17:27:59	78797.64	394725.12	39.16	Soil	10,320	-0.84
08/31/2021	17:28:00	78797.84	394725.18	39.28	Soil	10,080	-1.00
08/31/2021	17:28:01	78798.04	394725.17	39.30	Soil	8,880	-1.85
08/31/2021	17:28:02	78797.67	394725.17	39.12	Soil	12,300	0.55
08/31/2021	17:28:03	78797.64	394725.23	39.17	Soil	10,560	-0.67
08/31/2021	17:28:04	78798.15	394725.29	39.32	Soil	10,380	-0.79
08/31/2021	17:28:05	78798.12	394725.28	39.29	Soil	10,740	-0.54
08/31/2021	17:28:06	78797.65	394725.15	39.16	Soil	10,320	-0.84
08/31/2021	17:28:07	78797.49	394725.28	39.10	Soil	9,600	-1.34
08/31/2021	17:28:08	78797.96	394725.45	39.20	Soil	10,860	-0.46
08/31/2021	17:28:09	78797.88	394725.40	39.15	Soil	10,500	-0.71
08/31/2021	17:28:10	78797.54	394725.33	39.04	Soil	10,860	-0.46
08/31/2021	17:28:11	78797.45	394725.40	39.04	Soil	11,340	-0.12
08/31/2021	17:28:12	78797.60	394725.61	39.08	Soil	9,180	-1.64
08/31/2021	17:28:13	78797.52	394725.46	39.03	Soil	12,120	0.43
08/31/2021	17:28:14	78797.43	394725.30	39.06	Soil	10,500	-0.71
08/31/2021	17:28:15	78797.82	394725.44	39.16	Soil	10,680	-0.58
08/31/2021	17:28:16	78797.93	394725.20	39.14	Soil	11,340	-0.12
08/31/2021	17:28:17	78797.90	394725.12	39.11	Soil	10,560	-0.67
08/31/2021	17:28:18	78798.02	394725.14	39.24	Soil	9,840	-1.17
08/31/2021	17:28:19	78797.89	394725.01	39.21	Soil	11,460	-0.04
08/31/2021	17:28:20	78797.68	394724.88	39.14	Soil	11,160	-0.25
08/31/2021	17:28:21	78797.98	394725.00	39.25	Soil	9,900	-1.13
08/31/2021	17:28:22	78797.94	394724.98	39.21	Soil	11,040	-0.33
08/31/2021	17:28:23	78797.73	394724.90	39.16	Soil	10,680	-0.58
08/31/2021	17:28:24	78797.68	394725.10	39.19	Soil	10,560	-0.67
08/31/2021	17:28:25	78797.59	394724.98	39.11	Soil	10,560	-0.67
08/31/2021	17:28:26	78797.58	394725.13	39.16	Soil	10,800	-0.50
08/31/2021	17:28:27	78797.71	394725.26	39.18	Soil	11,340	-0.12
08/31/2021	17:28:28	78797.75	394724.93	39.19	Soil	9,780	-1.21
08/31/2021	17:28:29	78797.90	394724.90	39.23	Soil	10,380	-0.79
08/31/2021	17:28:30	78798.04	394724.98	39.20	Soil	10,320	-0.84
08/31/2021	17:28:31	78798.04	394724.92	39.25	Soil	10,080	-1.00
08/31/2021	17:28:32	78798.11	394724.86	39.35	Soil	9,300	-1.55
08/31/2021	17:28:33	78798.27	394724.84	39.46	Soil	12,120	0.43
08/31/2021	17:28:34	78798.39	394724.92	39.43	Soil	10,020	-1.05
08/31/2021	17:28:35	78798.18	394724.81	39.26	Soil	12,180	0.47
08/31/2021	17:28:36	78797.80	394724.75	39.14	Soil	10,980	-0.37
08/31/2021	17:28:37	78797.59	394724.82	39.15	Soil	10,440	-0.75
08/31/2021	17:28:38	78797.43	394724.96	39.04	Soil	9,240	-1.59
08/31/2021	17:28:39	78797.60	394724.90	39.35	Soil	10,920	-0.41
08/31/2021	17:28:40	78797.76	394724.79	39.33	Soil	11,520	0.01
08/31/2021	17:28:41	78797.66	394724.83	39.39	Soil	11,640	0.09
08/31/2021	17:28:42	78797.67	394724.85	39.38	Soil	11,700	0.13
08/31/2021	17:28:43	78797.80	394724.88	39.41	Soil	10,140	-0.96
08/31/2021	17:28:44	78797.75	394724.88	39.43	Soil	11,820	0.22
08/31/2021	17:28:45	78797.73	394724.86	39.43	Soil	10,260	-0.88
08/31/2021	17:28:46	78797.71	394724.83	39.42	Soil	10,380	-0.79
08/31/2021	17:28:47	78797.76	394724.83	39.40	Soil	9,660	-1.30

SU 7D GWS RESULTS
(SOIL)

08/31/2021	17:28:48	78797.72	394724.77	39.43	Soil	9,900	-1.13
08/31/2021	17:28:49	78797.65	394724.62	39.48	Soil	11,100	-0.29
08/31/2021	17:28:50	78797.58	394724.48	39.56	Soil	10,080	-1.00
08/31/2021	17:28:51	78797.51	394724.30	39.66	Soil	10,140	-0.96
08/31/2021	17:28:52	78797.46	394724.15	39.75	Soil	9,540	-1.38
08/31/2021	17:28:53	78797.43	394724.07	39.74	Soil	9,660	-1.30
08/31/2021	17:28:54	78797.44	394724.09	39.74	Soil	11,040	-0.33
08/31/2021	17:28:55	78797.41	394724.02	39.53	Soil	10,920	-0.41
08/31/2021	17:28:56	78797.33	394724.17	39.16	Soil	9,600	-1.34
08/31/2021	17:28:57	78797.38	394724.11	39.14	Soil	10,800	-0.50
08/31/2021	17:28:58	78797.38	394724.08	39.14	Soil	9,540	-1.38
08/31/2021	17:28:59	78797.44	394724.30	39.14	Soil	10,320	-0.84
08/31/2021	17:29:00	78797.68	394724.67	39.27	Soil	11,640	0.09
08/31/2021	17:29:01	78797.56	394724.43	39.25	Soil	10,260	-0.88
08/31/2021	17:29:02	78797.32	394724.23	39.26	Soil	10,800	-0.50
08/31/2021	17:29:03	78797.60	394724.78	39.29	Soil	11,580	0.05
08/31/2021	17:29:04	78797.76	394724.85	39.19	Soil	11,640	0.09
08/31/2021	17:29:05	78797.49	394724.35	39.20	Soil	10,260	-0.88
08/31/2021	17:29:06	78797.38	394724.37	39.21	Soil	12,300	0.55
08/31/2021	17:29:07	78797.65	394724.64	39.35	Soil	9,540	-1.38
08/31/2021	17:29:08	78797.68	394724.54	39.29	Soil	11,460	-0.04
08/31/2021	17:29:09	78797.46	394724.43	39.12	Soil	11,220	-0.20
08/31/2021	17:29:10	78797.58	394724.58	39.20	Soil	10,260	-0.88
08/31/2021	17:29:11	78797.57	394724.60	39.18	Soil	10,500	-0.71
08/31/2021	17:29:12	78797.32	394724.55	39.07	Soil	10,560	-0.67
08/31/2021	17:29:13	78797.22	394724.62	39.05	Soil	10,680	-0.58
08/31/2021	17:29:14	78797.05	394724.67	39.07	Soil	12,300	0.55
08/31/2021	17:29:15	78796.94	394724.66	39.12	Soil	11,100	-0.29
08/31/2021	17:29:16	78797.32	394724.53	39.10	Soil	10,740	-0.54
08/31/2021	17:29:17	78797.20	394724.57	39.06	Soil	9,780	-1.21
08/31/2021	17:29:18	78796.85	394724.61	39.08	Soil	10,200	-0.92
08/31/2021	17:29:19	78796.74	394724.74	39.07	Soil	11,040	-0.33
08/31/2021	17:29:20	78796.95	394724.90	39.06	Soil	10,680	-0.58
08/31/2021	17:29:21	78797.08	394724.79	39.02	Soil	8,280	-2.27
08/31/2021	17:29:22	78797.13	394724.58	39.03	Soil	11,520	0.01
08/31/2021	17:29:23	78797.11	394724.69	39.01	Soil	9,780	-1.21
08/31/2021	17:29:24	78797.16	394724.94	39.03	Soil	10,500	-0.71
08/31/2021	17:29:25	78797.26	394724.64	39.01	Soil	10,860	-0.46
08/31/2021	17:29:26	78797.24	394724.53	39.00	Soil	10,020	-1.05
08/31/2021	17:29:27	78797.09	394724.76	39.01	Soil	9,960	-1.09
08/31/2021	17:29:28	78797.13	394724.66	38.95	Soil	10,500	-0.71
08/31/2021	17:29:29	78797.33	394724.39	38.99	Soil	11,520	0.01
08/31/2021	17:29:30	78797.36	394724.57	38.96	Soil	10,800	-0.50
08/31/2021	17:29:31	78797.41	394724.53	38.96	Soil	11,880	0.26
08/31/2021	17:29:32	78797.48	394724.38	39.02	Soil	10,320	-0.84
08/31/2021	17:29:33	78797.42	394724.63	39.04	Soil	11,760	0.18
08/31/2021	17:29:34	78797.22	394724.94	39.00	Soil	10,740	-0.54
08/31/2021	17:29:35	78797.33	394724.79	38.94	Soil	9,480	-1.42
08/31/2021	17:29:36	78797.51	394724.44	39.00	Soil	11,220	-0.20
08/31/2021	17:29:37	78797.47	394724.58	38.98	Soil	10,500	-0.71
08/31/2021	17:29:38	78797.19	394724.87	38.98	Soil	10,980	-0.37

SU 7D GWS RESULTS
(SOIL)

08/31/2021	17:29:39	78797.25	394724.60	38.98	Soil	10,680	-0.58
08/31/2021	17:29:40	78797.25	394724.48	38.94	Soil	10,620	-0.62
08/31/2021	17:29:41	78797.03	394724.76	38.85	Soil	9,300	-1.55
08/31/2021	17:29:42	78796.93	394724.80	38.84	Soil	11,400	-0.08
08/31/2021	17:29:43	78797.09	394724.42	38.91	Soil	11,820	0.22
08/31/2021	17:29:44	78797.00	394724.39	38.95	Soil	10,800	-0.50
08/31/2021	17:29:45	78796.84	394724.75	38.92	Soil	9,660	-1.30
08/31/2021	17:29:46	78796.96	394724.62	38.96	Soil	10,560	-0.67
08/31/2021	17:29:47	78797.10	394724.26	39.00	Soil	11,340	-0.12
08/31/2021	17:29:48	78796.93	394724.37	38.95	Soil	11,400	-0.08
08/31/2021	17:29:49	78796.92	394724.36	39.00	Soil	11,160	-0.25
08/31/2021	17:29:50	78796.89	394724.49	38.93	Soil	11,100	-0.29
08/31/2021	17:29:51	78796.83	394724.71	38.79	Soil	10,380	-0.79
08/31/2021	17:29:52	78796.95	394724.59	38.88	Soil	11,700	0.13
08/31/2021	17:29:53	78797.04	394724.42	39.00	Soil	12,060	0.39
08/31/2021	17:29:54	78797.10	394724.31	39.00	Soil	10,740	-0.54
08/31/2021	17:29:55	78797.02	394724.48	39.00	Soil	11,220	-0.20
08/31/2021	17:29:56	78796.95	394724.78	38.92	Soil	11,520	0.01
08/31/2021	17:29:57	78797.06	394724.67	38.89	Soil	12,120	0.43
08/31/2021	17:29:58	78797.08	394724.51	39.00	Soil	11,940	0.30
08/31/2021	17:29:59	78796.90	394724.26	39.08	Soil	10,620	-0.62
08/31/2021	17:30:00	78796.78	394724.37	38.98	Soil	9,840	-1.17
08/31/2021	17:30:01	78796.76	394724.65	38.99	Soil	11,100	-0.29
08/31/2021	17:30:02	78796.72	394724.66	38.89	Soil	10,380	-0.79
08/31/2021	17:30:03	78796.74	394724.46	38.95	Soil	10,800	-0.50
08/31/2021	17:30:04	78796.69	394724.50	39.00	Soil	10,860	-0.46
08/31/2021	17:30:05	78796.73	394724.62	39.02	Soil	11,640	0.09
08/31/2021	17:30:06	78796.73	394724.39	39.01	Soil	11,100	-0.29
08/31/2021	17:30:07	78796.71	394724.38	39.03	Soil	10,560	-0.67
08/31/2021	17:30:08	78796.69	394724.58	39.00	Soil	10,440	-0.75
08/31/2021	17:30:09	78796.66	394724.48	39.02	Soil	11,400	-0.08
08/31/2021	17:30:10	78796.71	394724.23	39.01	Soil	10,560	-0.67
08/31/2021	17:30:11	78796.77	394724.20	39.03	Soil	10,500	-0.71
08/31/2021	17:30:12	78796.82	394724.28	39.04	Soil	10,440	-0.75
08/31/2021	17:30:13	78796.89	394724.35	39.04	Soil	9,540	-1.38
08/31/2021	17:30:14	78796.74	394724.32	39.07	Soil	12,600	0.76
08/31/2021	17:30:15	78796.48	394724.32	39.05	Soil	11,340	-0.12
08/31/2021	17:30:16	78796.40	394724.54	39.06	Soil	11,760	0.18
08/31/2021	17:30:17	78796.45	394724.61	38.97	Soil	10,680	-0.58
08/31/2021	17:30:18	78796.35	394724.43	39.00	Soil	11,040	-0.33
08/31/2021	17:30:19	78796.32	394724.44	38.96	Soil	11,220	-0.20
08/31/2021	17:30:20	78796.40	394724.58	38.98	Soil	10,440	-0.75
08/31/2021	17:30:21	78796.42	394724.45	39.01	Soil	10,080	-1.00
08/31/2021	17:30:22	78796.38	394724.29	39.03	Soil	9,900	-1.13
08/31/2021	17:30:23	78796.51	394724.44	39.05	Soil	10,260	-0.88
08/31/2021	17:30:24	78796.64	394724.50	39.03	Soil	10,680	-0.58
08/31/2021	17:30:25	78796.52	394724.32	39.08	Soil	11,580	0.05
08/31/2021	17:30:26	78796.48	394724.43	39.14	Soil	11,340	-0.12
08/31/2021	17:30:27	78796.65	394724.81	39.04	Soil	11,100	-0.29
08/31/2021	17:30:28	78796.68	394724.86	38.93	Soil	10,680	-0.58
08/31/2021	17:30:29	78796.53	394724.73	38.89	Soil	11,160	-0.25

SU 7D GWS RESULTS
(SOIL)

08/31/2021	17:30:30	78796.36	394724.44	38.92	Soil	10,320	-0.84
08/31/2021	17:30:31	78796.45	394724.44	39.01	Soil	10,200	-0.92
08/31/2021	17:30:32	78796.67	394724.66	39.01	Soil	9,780	-1.21
08/31/2021	17:30:33	78796.71	394724.49	38.98	Soil	10,980	-0.37
08/31/2021	17:30:34	78796.67	394724.29	39.01	Soil	9,960	-1.09
08/31/2021	17:30:35	78796.78	394724.51	39.03	Soil	12,840	0.93
08/31/2021	17:30:36	78796.97	394724.79	38.96	Soil	9,120	-1.68
08/31/2021	17:30:37	78797.02	394724.80	38.96	Soil	9,840	-1.17
08/31/2021	17:30:38	78796.86	394724.57	38.99	Soil	10,860	-0.46
08/31/2021	17:30:39	78796.75	394724.34	39.05	Soil	10,560	-0.67
08/31/2021	17:30:40	78796.84	394724.39	39.06	Soil	10,860	-0.46
08/31/2021	17:30:41	78797.07	394724.67	39.06	Soil	10,500	-0.71
08/31/2021	17:30:42	78797.04	394724.54	39.12	Soil	9,240	-1.59
08/31/2021	17:30:43	78796.79	394724.22	39.11	Soil	9,780	-1.21
08/31/2021	17:30:44	78796.84	394724.25	39.08	Soil	10,800	-0.50
08/31/2021	17:30:45	78797.16	394724.59	39.11	Soil	11,340	-0.12
08/31/2021	17:30:46	78797.19	394724.45	39.12	Soil	9,720	-1.26
08/31/2021	17:30:47	78797.03	394724.20	39.13	Soil	10,920	-0.41
08/31/2021	17:30:48	78797.09	394724.49	39.15	Soil	10,320	-0.84
08/31/2021	17:30:49	78797.33	394724.91	39.11	Soil	10,320	-0.84
08/31/2021	17:30:50	78797.30	394724.83	39.06	Soil	10,080	-1.00
08/31/2021	17:30:51	78797.10	394724.43	39.06	Soil	9,720	-1.26
08/31/2021	17:30:52	78797.10	394724.50	39.15	Soil	10,740	-0.54
08/31/2021	17:30:53	78797.31	394724.80	39.17	Soil	10,680	-0.58
08/31/2021	17:30:54	78797.04	394724.62	39.12	Soil	10,740	-0.54
08/31/2021	17:30:55	78796.73	394724.62	39.07	Soil	12,300	0.55
08/31/2021	17:30:56	78796.92	394725.02	39.05	Soil	10,320	-0.84
08/31/2021	17:30:57	78796.97	394724.94	38.86	Soil	11,880	0.26
08/31/2021	17:30:58	78797.02	394724.80	38.82	Soil	11,040	-0.33
08/31/2021	17:30:59	78797.04	394724.77	38.80	Soil	9,600	-1.34
08/31/2021	17:31:00	78797.04	394724.81	38.82	Soil	8,940	-1.80
08/31/2021	17:31:01	78796.96	394724.86	38.85	Soil	10,200	-0.92
08/31/2021	17:31:02	78796.95	394724.98	38.95	Soil	9,540	-1.38
08/31/2021	17:31:03	78796.92	394724.96	38.96	Soil	8,760	-1.93
08/31/2021	17:31:04	78796.89	394724.93	38.98	Soil	11,220	-0.20
08/31/2021	17:31:05	78796.90	394724.92	39.01	Soil	10,320	-0.84
08/31/2021	17:31:06	78796.90	394724.91	39.00	Soil	9,900	-1.13
08/31/2021	17:31:07	78796.91	394724.91	39.03	Soil	11,160	-0.25
08/31/2021	17:31:08	78796.93	394724.91	39.05	Soil	9,360	-1.51
08/31/2021	17:31:09	78796.93	394724.90	39.03	Soil	9,180	-1.64
08/31/2021	17:31:10	78796.95	394724.90	39.05	Soil	9,420	-1.47
08/31/2021	17:31:11	78796.96	394724.90	39.05	Soil	9,840	-1.17
08/31/2021	17:31:12	78796.95	394724.89	39.07	Soil	9,120	-1.68
08/31/2021	17:31:13	78796.84	394724.90	39.07	Soil	10,020	-1.05
08/31/2021	17:31:14	78796.69	394724.95	39.05	Soil	8,460	-2.14
08/31/2021	17:31:15	78796.57	394724.95	39.02	Soil	9,420	-1.47
08/31/2021	17:31:16	78796.61	394724.91	39.03	Soil	8,820	-1.89
08/31/2021	17:31:17	78796.68	394724.90	39.05	Soil	9,720	-1.26
08/31/2021	17:31:18	78796.82	394724.95	39.11	Soil	10,560	-0.67
08/31/2021	17:31:19	78796.78	394724.85	39.13	Soil	9,300	-1.55
08/31/2021	17:31:20	78796.55	394724.80	39.15	Soil	10,200	-0.92

SU 7D GWS RESULTS
(SOIL)

08/31/2021	17:31:21	78796.42	394725.10	39.16	Soil	10,020	-1.05
08/31/2021	17:31:22	78796.41	394725.19	39.05	Soil	9,900	-1.13
08/31/2021	17:31:23	78796.34	394724.89	39.09	Soil	10,500	-0.71
08/31/2021	17:31:24	78796.23	394724.77	39.12	Soil	11,640	0.09
08/31/2021	17:31:25	78796.53	394725.06	39.17	Soil	10,200	-0.92
08/31/2021	17:31:26	78796.72	394725.04	39.15	Soil	11,640	0.09
08/31/2021	17:31:27	78796.65	394724.78	39.13	Soil	8,400	-2.18
08/31/2021	17:31:28	78796.53	394724.77	39.14	Soil	11,880	0.26
08/31/2021	17:31:29	78796.67	394725.11	39.13	Soil	10,140	-0.96
08/31/2021	17:31:30	78796.75	394725.06	39.10	Soil	10,320	-0.84
08/31/2021	17:31:31	78796.61	394724.81	39.15	Soil	10,020	-1.05
08/31/2021	17:31:32	78796.40	394724.63	39.19	Soil	11,340	-0.12
08/31/2021	17:31:33	78796.47	394724.80	39.18	Soil	10,740	-0.54
08/31/2021	17:31:34	78796.45	394724.84	39.14	Soil	10,920	-0.41
08/31/2021	17:31:35	78796.23	394724.72	39.20	Soil	10,980	-0.37
08/31/2021	17:31:36	78796.04	394724.92	39.12	Soil	10,980	-0.37
08/31/2021	17:31:37	78795.95	394725.20	38.93	Soil	10,620	-0.62
08/31/2021	17:31:38	78795.99	394724.94	39.01	Soil	11,460	-0.04
08/31/2021	17:31:39	78796.03	394724.81	39.02	Soil	10,920	-0.41
08/31/2021	17:31:40	78796.13	394725.10	39.03	Soil	10,560	-0.67
08/31/2021	17:31:41	78796.17	394725.12	39.01	Soil	10,020	-1.05
08/31/2021	17:31:42	78796.00	394724.79	39.09	Soil	11,220	-0.20
08/31/2021	17:31:43	78795.87	394724.91	39.01	Soil	11,520	0.01
08/31/2021	17:31:44	78795.93	394725.25	38.90	Soil	9,240	-1.59
08/31/2021	17:31:45	78795.93	394725.17	38.91	Soil	11,040	-0.33
08/31/2021	17:31:46	78795.76	394724.85	38.93	Soil	10,260	-0.88
08/31/2021	17:31:47	78795.66	394724.84	38.94	Soil	10,560	-0.67
08/31/2021	17:31:48	78795.78	394725.26	38.92	Soil	9,900	-1.13
08/31/2021	17:31:49	78795.84	394725.24	38.85	Soil	11,160	-0.25
08/31/2021	17:31:50	78795.75	394725.05	38.88	Soil	10,140	-0.96
08/31/2021	17:31:51	78795.67	394724.88	38.87	Soil	10,380	-0.79
08/31/2021	17:31:52	78795.61	394725.01	38.89	Soil	11,160	-0.25
08/31/2021	17:31:53	78795.60	394725.20	38.82	Soil	10,680	-0.58
08/31/2021	17:31:54	78795.56	394725.08	38.85	Soil	9,000	-1.76
08/31/2021	17:31:55	78795.46	394724.78	38.84	Soil	11,940	0.30
08/31/2021	17:31:56	78795.56	394724.77	38.86	Soil	11,400	-0.08
08/31/2021	17:31:57	78795.78	394724.96	38.88	Soil	10,740	-0.54
08/31/2021	17:31:58	78795.84	394724.87	38.94	Soil	11,340	-0.12
08/31/2021	17:31:59	78795.89	394724.86	38.93	Soil	11,040	-0.33
08/31/2021	17:32:00	78795.97	394725.08	38.93	Soil	11,160	-0.25
08/31/2021	17:32:01	78796.10	394725.16	38.97	Soil	12,720	0.85
08/31/2021	17:32:02	78796.14	394725.01	39.01	Soil	10,080	-1.00
08/31/2021	17:32:03	78796.07	394724.83	39.06	Soil	11,580	0.05
08/31/2021	17:32:04	78796.07	394724.71	39.11	Soil	10,320	-0.84
08/31/2021	17:32:05	78796.16	394724.72	39.09	Soil	10,920	-0.41
08/31/2021	17:32:06	78796.17	394724.84	39.14	Soil	10,200	-0.92
08/31/2021	17:32:07	78796.23	394724.96	39.14	Soil	10,980	-0.37
08/31/2021	17:32:08	78796.36	394725.16	39.16	Soil	10,620	-0.62
08/31/2021	17:32:09	78796.42	394725.22	39.12	Soil	8,940	-1.80
08/31/2021	17:32:10	78796.39	394725.07	39.14	Soil	11,760	0.18
08/31/2021	17:32:11	78796.37	394725.02	39.16	Soil	11,340	-0.12

SU 7D GWS RESULTS
(SOIL)

08/31/2021	17:32:12	78796.37	394725.21	39.16	Soil	10,860	-0.46
08/31/2021	17:32:13	78796.33	394725.27	39.15	Soil	9,600	-1.34
08/31/2021	17:32:14	78796.10	394725.20	39.02	Soil	11,160	-0.25
08/31/2021	17:32:15	78796.12	394725.01	39.01	Soil	10,440	-0.75
08/31/2021	17:32:16	78796.09	394724.93	39.12	Soil	8,400	-2.18
08/31/2021	17:32:17	78796.12	394724.75	39.11	Soil	10,200	-0.92
08/31/2021	17:32:18	78795.87	394724.75	39.05	Soil	11,400	-0.08
08/31/2021	17:32:19	78795.64	394725.04	38.99	Soil	10,200	-0.92
08/31/2021	17:32:20	78795.71	394725.18	38.93	Soil	9,000	-1.76
08/31/2021	17:32:21	78795.78	394724.99	38.97	Soil	9,060	-1.72
08/31/2021	17:32:22	78795.86	394724.67	39.04	Soil	11,400	-0.08
08/31/2021	17:32:23	78795.87	394724.72	38.99	Soil	10,500	-0.71
08/31/2021	17:32:24	78795.90	394724.84	38.98	Soil	12,840	0.93
08/31/2021	17:32:25	78795.84	394724.80	39.03	Soil	10,200	-0.92
08/31/2021	17:32:26	78795.60	394724.79	38.90	Soil	10,740	-0.54
08/31/2021	17:32:27	78795.49	394724.82	38.90	Soil	11,700	0.13
08/31/2021	17:32:28	78795.56	394724.84	38.96	Soil	11,040	-0.33
08/31/2021	17:32:29	78795.51	394724.86	38.97	Soil	12,000	0.34
08/31/2021	17:32:30	78795.49	394724.86	38.95	Soil	11,640	0.09
08/31/2021	17:32:31	78795.53	394724.87	38.98	Soil	10,620	-0.62
08/31/2021	17:32:32	78795.48	394724.87	38.99	Soil	9,780	-1.21
08/31/2021	17:32:33	78795.43	394724.85	38.96	Soil	10,980	-0.37
08/31/2021	17:32:34	78795.46	394724.79	38.83	Soil	12,840	0.93
08/31/2021	17:32:35	78795.29	394724.68	38.70	Soil	11,160	-0.25
08/31/2021	17:32:36	78795.37	394724.44	38.63	Soil	10,980	-0.37
08/31/2021	17:32:37	78795.41	394724.37	38.63	Soil	10,320	-0.84
08/31/2021	17:32:38	78795.26	394724.46	38.65	Soil	11,640	0.09
08/31/2021	17:32:39	78795.18	394724.56	38.71	Soil	12,420	0.64
08/31/2021	17:32:40	78795.13	394724.71	38.70	Soil	10,140	-0.96
08/31/2021	17:32:41	78795.07	394725.02	38.62	Soil	11,520	0.01
08/31/2021	17:32:42	78795.07	394724.90	38.62	Soil	11,280	-0.16
08/31/2021	17:32:43	78795.19	394724.52	38.71	Soil	11,220	-0.20
08/31/2021	17:32:44	78795.25	394724.53	38.72	Soil	10,620	-0.62
08/31/2021	17:32:45	78795.51	394724.77	38.86	Soil	10,500	-0.71
08/31/2021	17:32:46	78795.76	394724.60	38.85	Soil	11,580	0.05
08/31/2021	17:32:47	78795.69	394724.66	38.84	Soil	10,560	-0.67
08/31/2021	17:32:48	78795.70	394724.94	38.87	Soil	11,040	-0.33
08/31/2021	17:32:49	78795.79	394725.13	38.82	Soil	10,620	-0.62
08/31/2021	17:32:50	78795.76	394724.87	38.74	Soil	9,420	-1.47
08/31/2021	17:32:51	78795.75	394724.57	38.78	Soil	10,920	-0.41
08/31/2021	17:32:52	78795.73	394724.41	38.82	Soil	10,080	-1.00
08/31/2021	17:32:53	78795.72	394724.56	38.80	Soil	9,660	-1.30
08/31/2021	17:32:54	78795.86	394724.87	38.80	Soil	12,000	0.34
08/31/2021	17:32:55	78796.07	394724.95	38.85	Soil	11,460	-0.04
08/31/2021	17:32:56	78796.12	394724.83	38.85	Soil	10,500	-0.71
08/31/2021	17:32:57	78796.02	394724.69	38.80	Soil	10,440	-0.75
08/31/2021	17:32:58	78796.02	394724.65	38.77	Soil	10,260	-0.88
08/31/2021	17:32:59	78796.02	394724.67	38.76	Soil	11,520	0.01
08/31/2021	17:33:00	78795.95	394724.62	38.75	Soil	12,060	0.39
08/31/2021	17:33:01	78795.86	394724.54	38.85	Soil	10,500	-0.71
08/31/2021	17:33:02	78795.82	394724.49	38.80	Soil	10,920	-0.41

SU 7D GWS RESULTS
(SOIL)

08/31/2021	17:33:03	78795.97	394724.82	38.86	Soil	12,000	0.34
08/31/2021	17:33:04	78796.16	394724.73	38.85	Soil	10,680	-0.58
08/31/2021	17:33:05	78796.17	394724.47	38.88	Soil	11,220	-0.20
08/31/2021	17:33:06	78796.18	394724.72	38.86	Soil	11,340	-0.12
08/31/2021	17:33:07	78796.24	394724.81	38.86	Soil	11,880	0.26
08/31/2021	17:33:08	78796.11	394724.59	38.89	Soil	11,280	-0.16
08/31/2021	17:33:09	78796.09	394724.66	38.93	Soil	11,940	0.30
08/31/2021	17:33:10	78796.31	394724.80	39.00	Soil	10,620	-0.62
08/31/2021	17:33:11	78796.27	394724.63	39.01	Soil	11,280	-0.16
08/31/2021	17:33:12	78796.03	394724.43	38.95	Soil	10,500	-0.71
08/31/2021	17:33:13	78795.98	394724.63	38.92	Soil	10,500	-0.71
08/31/2021	17:33:14	78796.01	394724.69	38.96	Soil	10,320	-0.84
08/31/2021	17:33:15	78795.83	394724.50	38.87	Soil	10,920	-0.41
08/31/2021	17:33:16	78795.83	394724.52	38.83	Soil	10,620	-0.62
08/31/2021	17:33:17	78795.76	394724.56	38.75	Soil	10,560	-0.67
08/31/2021	17:33:18	78795.75	394724.57	38.77	Soil	11,040	-0.33
08/31/2021	17:33:19	78795.52	394724.59	38.78	Soil	11,520	0.01
08/31/2021	17:33:20	78795.19	394724.62	38.70	Soil	10,320	-0.84
08/31/2021	17:33:21	78795.25	394724.65	38.70	Soil	10,920	-0.41
08/31/2021	17:33:22	78795.27	394724.69	38.57	Soil	10,860	-0.46
08/31/2021	17:33:23	78795.05	394724.57	38.60	Soil	10,680	-0.58
08/31/2021	17:33:24	78794.86	394724.60	38.51	Soil	11,820	0.22
08/31/2021	17:33:25	78794.87	394724.71	38.51	Soil	13,320	1.27
08/31/2021	17:33:26	78794.89	394724.75	38.49	Soil	10,320	-0.84
08/31/2021	17:33:27	78794.82	394724.72	38.48	Soil	10,680	-0.58
08/31/2021	17:33:28	78794.75	394724.69	38.44	Soil	11,100	-0.29
08/31/2021	17:33:29	78794.86	394724.87	38.45	Soil	10,380	-0.79
08/31/2021	17:33:30	78795.01	394725.07	38.39	Soil	11,760	0.18
08/31/2021	17:33:31	78794.96	394724.93	38.45	Soil	11,100	-0.29
08/31/2021	17:33:32	78794.94	394724.82	38.47	Soil	10,980	-0.37
08/31/2021	17:33:33	78795.12	394724.97	38.55	Soil	11,640	0.09
08/31/2021	17:33:34	78795.20	394724.95	38.59	Soil	10,380	-0.79
08/31/2021	17:33:35	78795.08	394724.80	38.60	Soil	10,320	-0.84
08/31/2021	17:33:36	78795.08	394724.76	38.58	Soil	11,820	0.22
08/31/2021	17:33:37	78795.20	394724.93	38.55	Soil	10,200	-0.92
08/31/2021	17:33:38	78795.19	394724.88	38.54	Soil	13,500	1.40
08/31/2021	17:33:39	78795.16	394724.74	38.53	Soil	10,560	-0.67
08/31/2021	17:33:40	78795.31	394724.91	38.57	Soil	10,920	-0.41
08/31/2021	17:33:41	78795.38	394724.96	38.56	Soil	10,800	-0.50
08/31/2021	17:33:42	78795.24	394724.79	38.56	Soil	11,520	0.01
08/31/2021	17:33:43	78795.24	394724.84	38.60	Soil	10,620	-0.62
08/31/2021	17:33:44	78795.40	394725.07	38.60	Soil	12,060	0.39
08/31/2021	17:33:45	78795.34	394725.08	38.60	Soil	10,440	-0.75
08/31/2021	17:33:46	78795.19	394724.82	38.52	Soil	10,080	-1.00
08/31/2021	17:33:47	78795.25	394724.74	38.63	Soil	11,760	0.18
08/31/2021	17:33:48	78795.38	394724.79	38.63	Soil	10,500	-0.71
08/31/2021	17:33:49	78795.36	394724.69	38.69	Soil	12,120	0.43
08/31/2021	17:33:50	78795.44	394724.70	38.70	Soil	11,280	-0.16
08/31/2021	17:33:51	78795.61	394724.88	38.69	Soil	12,840	0.93
08/31/2021	17:33:52	78795.55	394724.84	38.70	Soil	9,840	-1.17
08/31/2021	17:33:53	78795.49	394724.96	38.67	Soil	11,880	0.26

SU 7D GWS RESULTS
(SOIL)

08/31/2021	17:33:54	78795.68	394725.25	38.66	Soil	11,880	0.26
08/31/2021	17:33:55	78795.68	394725.26	38.62	Soil	10,800	-0.50
08/31/2021	17:33:56	78795.45	394725.24	38.64	Soil	9,720	-1.26
08/31/2021	17:33:57	78795.20	394725.08	38.53	Soil	11,640	0.09
08/31/2021	17:33:58	78795.11	394724.87	38.52	Soil	12,000	0.34
08/31/2021	17:33:59	78795.07	394724.89	38.51	Soil	10,620	-0.62
08/31/2021	17:34:00	78795.02	394724.85	38.46	Soil	10,680	-0.58
08/31/2021	17:34:01	78794.91	394724.90	38.59	Soil	10,860	-0.46
08/31/2021	17:34:02	78794.86	394725.02	38.53	Soil	11,460	-0.04
08/31/2021	17:34:03	78795.07	394725.21	38.53	Soil	10,500	-0.71
08/31/2021	17:34:04	78795.11	394725.26	38.49	Soil	9,780	-1.21
08/31/2021	17:34:05	78794.97	394725.09	38.48	Soil	11,880	0.26
08/31/2021	17:34:06	78794.91	394725.04	38.51	Soil	10,260	-0.88
08/31/2021	17:34:07	78795.11	394725.19	38.55	Soil	11,640	0.09
08/31/2021	17:34:08	78795.10	394725.15	38.56	Soil	10,320	-0.84
08/31/2021	17:34:09	78794.87	394724.85	38.58	Soil	9,900	-1.13
08/31/2021	17:34:10	78794.81	394724.65	38.61	Soil	10,020	-1.05
08/31/2021	17:34:11	78794.90	394724.78	38.66	Soil	9,780	-1.21
08/31/2021	17:34:12	78794.92	394724.75	38.68	Soil	10,560	-0.67
08/31/2021	17:34:13	78794.86	394724.61	38.67	Soil	11,400	-0.08
08/31/2021	17:34:14	78794.85	394724.82	38.68	Soil	9,960	-1.09
08/31/2021	17:34:15	78794.83	394724.90	38.64	Soil	10,500	-0.71
08/31/2021	17:34:16	78794.97	394724.56	38.64	Soil	12,180	0.47
08/31/2021	17:34:17	78795.18	394724.60	38.63	Soil	13,200	1.19
08/31/2021	17:34:18	78795.35	394724.71	38.64	Soil	10,080	-1.00
08/31/2021	17:34:19	78795.25	394724.70	38.71	Soil	10,260	-0.88
08/31/2021	17:34:20	78795.05	394724.67	38.66	Soil	9,600	-1.34
08/31/2021	17:34:21	78794.81	394724.69	38.59	Soil	11,280	-0.16
08/31/2021	17:34:22	78794.66	394724.71	38.54	Soil	11,100	-0.29
08/31/2021	17:34:23	78794.65	394724.67	38.55	Soil	10,500	-0.71
08/31/2021	17:34:24	78794.66	394724.65	38.55	Soil	11,760	0.18
08/31/2021	17:34:25	78794.59	394724.68	38.52	Soil	10,860	-0.46
08/31/2021	17:34:26	78794.52	394724.63	38.50	Soil	11,400	-0.08
08/31/2021	17:34:27	78794.57	394724.60	38.62	Soil	11,100	-0.29
08/31/2021	17:34:28	78794.35	394724.63	38.66	Soil	11,940	0.30
08/31/2021	17:34:29	78794.11	394724.70	38.70	Soil	9,720	-1.26
08/31/2021	17:34:30	78794.35	394724.69	38.70	Soil	10,320	-0.84
08/31/2021	17:34:31	78794.39	394724.62	38.66	Soil	12,000	0.34
08/31/2021	17:34:32	78794.18	394724.61	38.89	Soil	11,520	0.01
08/31/2021	17:34:33	78794.38	394724.72	38.51	Soil	9,420	-1.47
08/31/2021	17:34:34	78794.56	394724.84	38.49	Soil	11,460	-0.04
08/31/2021	17:34:35	78794.32	394724.76	38.49	Soil	10,320	-0.84
08/31/2021	17:34:36	78794.34	394724.85	38.49	Soil	12,240	0.51
08/31/2021	17:34:37	78794.66	394725.18	38.48	Soil	9,780	-1.21
08/31/2021	17:34:38	78794.65	394725.00	38.48	Soil	10,920	-0.41
08/31/2021	17:34:39	78794.43	394724.61	38.46	Soil	10,860	-0.46
08/31/2021	17:34:40	78794.42	394724.75	38.52	Soil	10,680	-0.58
08/31/2021	17:34:41	78794.51	394725.01	38.40	Soil	12,360	0.60
08/31/2021	17:34:42	78794.57	394724.85	38.25	Soil	11,100	-0.29
08/31/2021	17:34:43	78794.54	394724.75	38.28	Soil	10,620	-0.62
08/31/2021	17:34:44	78794.51	394724.92	38.41	Soil	10,560	-0.67

SU 7D GWS RESULTS
(SOIL)

08/31/2021	17:34:45	78794.61	394724.79	38.39	Soil	10,860	-0.46
08/31/2021	17:34:46	78794.62	394724.68	38.40	Soil	10,260	-0.88
08/31/2021	17:34:47	78794.63	394724.89	38.40	Soil	10,440	-0.75
08/31/2021	17:34:48	78794.67	394724.84	38.40	Soil	10,620	-0.62
08/31/2021	17:34:49	78794.71	394724.83	38.44	Soil	11,280	-0.16
08/31/2021	17:34:50	78794.87	394724.98	38.52	Soil	10,200	-0.92
08/31/2021	17:34:51	78794.85	394724.87	38.45	Soil	10,740	-0.54
08/31/2021	17:34:52	78794.68	394724.64	38.40	Soil	11,940	0.30
08/31/2021	17:34:53	78794.66	394724.53	38.46	Soil	11,220	-0.20
08/31/2021	17:34:54	78794.80	394724.84	38.48	Soil	9,480	-1.42
08/31/2021	17:34:55	78794.97	394725.00	38.48	Soil	12,180	0.47
08/31/2021	17:34:56	78794.97	394724.83	38.60	Soil	10,800	-0.50
08/31/2021	17:34:57	78794.91	394724.62	38.61	Soil	10,080	-1.00
08/31/2021	17:34:58	78794.87	394724.63	38.87	Soil	10,380	-0.79
08/31/2021	17:34:59	78794.78	394724.56	38.86	Soil	11,400	-0.08
08/31/2021	17:35:00	78794.78	394724.54	38.88	Soil	10,500	-0.71
08/31/2021	17:35:01	78794.82	394724.64	38.90	Soil	9,360	-1.51
08/31/2021	17:35:02	78794.78	394724.59	38.97	Soil	10,560	-0.67
08/31/2021	17:35:03	78794.79	394724.73	38.92	Soil	10,500	-0.71
08/31/2021	17:35:04	78794.85	394724.89	38.85	Soil	10,980	-0.37
08/31/2021	17:35:05	78794.83	394724.89	38.79	Soil	11,040	-0.33
08/31/2021	17:35:06	78794.82	394725.07	38.56	Soil	10,920	-0.41
08/31/2021	17:35:07	78794.80	394725.16	38.44	Soil	11,100	-0.29
08/31/2021	17:35:08	78794.73	394725.05	38.53	Soil	10,080	-1.00
08/31/2021	17:35:09	78794.69	394725.07	38.48	Soil	10,260	-0.88
08/31/2021	17:35:10	78794.79	394725.30	38.53	Soil	10,800	-0.50
08/31/2021	17:35:11	78794.91	394725.22	38.50	Soil	10,980	-0.37
08/31/2021	17:35:12	78794.88	394725.13	38.55	Soil	10,020	-1.05
08/31/2021	17:35:13	78794.76	394725.12	38.55	Soil	13,380	1.31
08/31/2021	17:35:14	78794.62	394724.93	38.56	Soil	10,740	-0.54
08/31/2021	17:35:15	78794.59	394725.17	38.57	Soil	10,500	-0.71
08/31/2021	17:35:16	78794.52	394725.41	38.54	Soil	11,220	-0.20
08/31/2021	17:35:17	78794.19	394725.10	38.56	Soil	10,200	-0.92
08/31/2021	17:35:18	78794.04	394725.06	38.45	Soil	11,640	0.09
08/31/2021	17:35:19	78794.08	394725.33	38.46	Soil	10,260	-0.88
08/31/2021	17:35:20	78794.00	394725.18	38.38	Soil	12,480	0.68
08/31/2021	17:35:21	78793.96	394725.01	38.26	Soil	11,820	0.22
08/31/2021	17:35:22	78794.05	394725.17	38.21	Soil	10,980	-0.37
08/31/2021	17:35:23	78794.14	394725.36	38.09	Soil	9,660	-1.30
08/31/2021	17:35:24	78794.07	394725.27	38.09	Soil	11,880	0.26
08/31/2021	17:35:25	78793.94	394725.14	38.11	Soil	11,520	0.01
08/31/2021	17:35:26	78793.98	394725.20	38.11	Soil	12,000	0.34
08/31/2021	17:35:27	78794.14	394725.36	38.17	Soil	11,160	-0.25
08/31/2021	17:35:28	78794.20	394725.38	38.23	Soil	10,920	-0.41
08/31/2021	17:35:29	78794.18	394725.27	38.32	Soil	11,160	-0.25
08/31/2021	17:35:30	78794.20	394725.18	38.37	Soil	9,540	-1.38
08/31/2021	17:35:31	78794.23	394725.31	38.36	Soil	9,720	-1.26
08/31/2021	17:35:32	78794.17	394725.47	38.24	Soil	10,320	-0.84
08/31/2021	17:35:33	78794.08	394725.34	38.22	Soil	11,760	0.18
08/31/2021	17:35:34	78793.96	394725.22	38.15	Soil	12,240	0.51
08/31/2021	17:35:35	78793.81	394725.19	38.13	Soil	10,380	-0.79

SU 7D GWS RESULTS
(SOIL)

08/31/2021	17:35:36	78793.66	394725.20	38.15	Soil	11,700	0.13
08/31/2021	17:35:37	78793.60	394725.22	38.21	Soil	11,820	0.22
08/31/2021	17:35:38	78793.68	394725.29	38.10	Soil	10,920	-0.41
08/31/2021	17:35:39	78793.82	394725.43	38.07	Soil	9,900	-1.13
08/31/2021	17:35:40	78793.89	394725.38	38.13	Soil	11,400	-0.08
08/31/2021	17:35:41	78793.88	394725.26	38.13	Soil	10,620	-0.62
08/31/2021	17:35:42	78793.94	394725.43	38.18	Soil	13,080	1.10
08/31/2021	17:35:43	78794.00	394725.49	38.23	Soil	12,300	0.55
08/31/2021	17:35:44	78793.85	394725.19	38.19	Soil	11,760	0.18
08/31/2021	17:35:45	78793.76	394725.06	38.17	Soil	11,160	-0.25
08/31/2021	17:35:46	78793.88	394725.18	38.23	Soil	10,260	-0.88
08/31/2021	17:35:47	78794.03	394725.24	38.27	Soil	10,500	-0.71
08/31/2021	17:35:48	78794.15	394725.19	38.33	Soil	11,340	-0.12
08/31/2021	17:35:49	78794.27	394725.19	38.34	Soil	9,420	-1.47
08/31/2021	17:35:50	78794.30	394725.21	38.34	Soil	10,620	-0.62
08/31/2021	17:35:51	78794.17	394725.27	38.34	Soil	11,160	-0.25
08/31/2021	17:35:52	78794.08	394725.32	38.36	Soil	10,620	-0.62
08/31/2021	17:35:53	78794.18	394725.21	38.42	Soil	12,780	0.89
08/31/2021	17:35:54	78794.17	394725.10	38.39	Soil	10,380	-0.79
08/31/2021	17:35:55	78794.13	394725.05	38.45	Soil	10,320	-0.84
08/31/2021	17:35:56	78794.27	394725.08	38.48	Soil	9,960	-1.09
08/31/2021	17:35:57	78794.37	394725.12	38.45	Soil	10,740	-0.54
08/31/2021	17:35:58	78794.24	394725.14	38.42	Soil	11,040	-0.33
08/31/2021	17:35:59	78794.21	394725.20	38.43	Soil	10,680	-0.58
08/31/2021	17:36:00	78794.47	394725.12	38.45	Soil	11,100	-0.29
08/31/2021	17:36:01	78794.45	394725.07	38.45	Soil	11,040	-0.33
08/31/2021	17:36:02	78794.18	394725.07	38.44	Soil	10,800	-0.50
08/31/2021	17:36:03	78794.22	394725.29	38.45	Soil	10,920	-0.41
08/31/2021	17:36:04	78794.38	394725.49	38.43	Soil	11,460	-0.04
08/31/2021	17:36:05	78794.34	394725.33	38.37	Soil	11,220	-0.20
08/31/2021	17:36:06	78794.33	394725.45	38.38	Soil	10,980	-0.37
08/31/2021	17:36:07	78794.47	394725.73	38.31	Soil	12,060	0.39
08/31/2021	17:36:08	78794.46	394725.73	38.21	Soil	11,760	0.18
08/31/2021	17:36:09	78794.50	394725.48	38.24	Soil	10,380	-0.79
08/31/2021	17:36:10	78794.57	394725.24	38.32	Soil	9,420	-1.47
08/31/2021	17:36:11	78794.50	394725.03	38.34	Soil	10,980	-0.37
08/31/2021	17:36:12	78794.38	394724.93	38.37	Soil	10,020	-1.05
08/31/2021	17:36:13	78794.50	394725.13	38.39	Soil	11,880	0.26
08/31/2021	17:36:14	78794.53	394725.15	38.32	Soil	11,220	-0.20
08/31/2021	17:36:15	78794.45	394725.06	38.34	Soil	10,560	-0.67
08/31/2021	17:36:16	78794.48	394725.14	38.33	Soil	10,680	-0.58
08/31/2021	17:36:17	78794.45	394725.07	38.36	Soil	10,140	-0.96
08/31/2021	17:36:18	78794.45	394725.06	38.36	Soil	9,840	-1.17
08/31/2021	17:36:19	78794.53	394725.13	38.40	Soil	10,140	-0.96
08/31/2021	17:36:20	78794.49	394725.10	38.40	Soil	9,840	-1.17
08/31/2021	17:36:21	78794.42	394725.05	38.40	Soil	11,040	-0.33
08/31/2021	17:36:22	78794.43	394725.04	38.42	Soil	12,180	0.47
08/31/2021	17:36:23	78794.45	394725.05	38.43	Soil	12,300	0.55
08/31/2021	17:36:24	78794.45	394725.00	38.48	Soil	11,700	0.13
08/31/2021	17:36:25	78794.42	394724.83	38.56	Soil	10,920	-0.41
08/31/2021	17:36:26	78794.40	394724.67	38.64	Soil	10,680	-0.58

SU 7D GWS RESULTS
(SOIL)

08/31/2021	17:36:27	78794.39	394724.55	38.67	Soil	10,440	-0.75
08/31/2021	17:36:28	78794.39	394724.52	38.68	Soil	10,440	-0.75
08/31/2021	17:36:29	78794.39	394724.55	38.69	Soil	12,180	0.47
08/31/2021	17:36:30	78794.38	394724.51	38.68	Soil	10,620	-0.62
08/31/2021	17:36:31	78794.38	394724.54	38.69	Soil	10,500	-0.71
08/31/2021	17:36:32	78794.31	394724.61	38.47	Soil	11,880	0.26
08/31/2021	17:36:33	78794.16	394724.60	38.50	Soil	10,740	-0.54
08/31/2021	17:36:34	78793.80	394724.63	38.50	Soil	10,860	-0.46
08/31/2021	17:36:35	78793.60	394724.71	38.48	Soil	10,980	-0.37
08/31/2021	17:36:36	78793.91	394724.72	38.47	Soil	10,440	-0.75
08/31/2021	17:36:37	78793.89	394724.72	38.42	Soil	11,460	-0.04
08/31/2021	17:36:38	78793.59	394724.70	38.46	Soil	9,600	-1.34
08/31/2021	17:36:39	78793.84	394724.70	38.34	Soil	11,160	-0.25
08/31/2021	17:36:40	78793.85	394724.71	38.35	Soil	10,800	-0.50
08/31/2021	17:36:41	78793.67	394724.71	38.36	Soil	9,780	-1.21
08/31/2021	17:36:42	78793.84	394724.72	38.36	Soil	11,520	0.01
08/31/2021	17:36:43	78793.86	394724.70	38.37	Soil	11,520	0.01
08/31/2021	17:36:44	78793.80	394724.64	38.35	Soil	11,520	0.01
08/31/2021	17:36:45	78793.85	394724.68	38.32	Soil	10,320	-0.84
08/31/2021	17:36:46	78793.93	394724.88	38.22	Soil	10,500	-0.71
08/31/2021	17:36:47	78794.00	394724.90	38.19	Soil	10,440	-0.75
08/31/2021	17:36:48	78794.01	394724.77	38.32	Soil	11,400	-0.08
08/31/2021	17:36:49	78794.00	394724.68	38.42	Soil	10,620	-0.62
08/31/2021	17:36:50	78793.97	394724.66	38.45	Soil	11,640	0.09
08/31/2021	17:36:51	78793.96	394724.79	38.44	Soil	10,260	-0.88
08/31/2021	17:36:52	78794.00	394724.99	38.46	Soil	11,100	-0.29
08/31/2021	17:36:53	78794.02	394725.06	38.42	Soil	10,800	-0.50
08/31/2021	17:36:54	78794.05	394724.94	38.41	Soil	10,800	-0.50
08/31/2021	17:36:55	78794.08	394724.79	38.43	Soil	11,640	0.09
08/31/2021	17:36:56	78794.08	394724.74	38.45	Soil	11,040	-0.33
08/31/2021	17:36:57	78794.16	394724.63	38.45	Soil	9,420	-1.47
08/31/2021	17:36:58	78794.22	394724.69	38.47	Soil	10,860	-0.46
08/31/2021	17:36:59	78794.19	394724.98	38.45	Soil	13,140	1.14
08/31/2021	17:37:00	78794.16	394725.10	38.39	Soil	10,140	-0.96
08/31/2021	17:37:01	78794.18	394725.18	38.37	Soil	10,020	-1.05
08/31/2021	17:37:02	78794.35	394725.30	38.39	Soil	10,980	-0.37
08/31/2021	17:37:03	78794.49	394725.22	38.40	Soil	10,860	-0.46
08/31/2021	17:37:04	78794.45	394725.06	38.36	Soil	12,180	0.47
08/31/2021	17:37:05	78794.41	394724.93	38.39	Soil	12,000	0.34
08/31/2021	17:37:06	78794.42	394724.83	38.38	Soil	8,640	-2.01
08/31/2021	17:37:07	78794.33	394724.69	38.40	Soil	11,700	0.13
08/31/2021	17:37:08	78794.31	394724.56	38.38	Soil	9,960	-1.09
08/31/2021	17:37:09	78794.37	394724.66	38.42	Soil	10,380	-0.79
08/31/2021	17:37:10	78794.49	394724.89	38.45	Soil	12,240	0.51
08/31/2021	17:37:11	78794.55	394725.09	38.44	Soil	11,280	-0.16
08/31/2021	17:37:12	78794.51	394725.03	38.44	Soil	10,320	-0.84
08/31/2021	17:37:13	78794.41	394724.69	38.38	Soil	10,860	-0.46
08/31/2021	17:37:14	78794.41	394724.55	38.40	Soil	11,580	0.05
08/31/2021	17:37:15	78794.62	394724.72	38.41	Soil	10,200	-0.92
08/31/2021	17:37:16	78794.84	394724.93	38.48	Soil	12,360	0.60
08/31/2021	17:37:17	78794.85	394724.99	38.48	Soil	12,060	0.39

SU 7D GWS RESULTS
(SOIL)

08/31/2021	17:37:18	78794.64	394724.76	38.43	Soil	11,280	-0.16
08/31/2021	17:37:19	78794.46	394724.48	38.45	Soil	10,860	-0.46
08/31/2021	17:37:20	78794.58	394724.63	38.45	Soil	10,560	-0.67
08/31/2021	17:37:21	78794.88	394724.82	38.56	Soil	11,100	-0.29
08/31/2021	17:37:22	78794.97	394724.79	38.51	Soil	10,320	-0.84
08/31/2021	17:37:23	78794.90	394724.80	38.51	Soil	9,600	-1.34
08/31/2021	17:37:24	78794.66	394724.67	38.47	Soil	10,980	-0.37
08/31/2021	17:37:25	78794.44	394724.52	38.36	Soil	11,160	-0.25
08/31/2021	17:37:26	78794.62	394724.65	38.35	Soil	8,940	-1.80
08/31/2021	17:37:27	78794.91	394724.91	38.44	Soil	11,820	0.22
08/31/2021	17:37:28	78794.82	394724.96	38.37	Soil	10,020	-1.05
08/31/2021	17:37:29	78794.56	394724.65	38.51	Soil	11,640	0.09
08/31/2021	17:37:30	78794.54	394724.50	38.56	Soil	11,040	-0.33
08/31/2021	17:37:31	78794.66	394724.68	38.62	Soil	10,260	-0.88
08/31/2021	17:37:32	78794.63	394724.64	38.60	Soil	9,960	-1.09
08/31/2021	17:37:33	78794.61	394724.56	38.61	Soil	11,700	0.13
08/31/2021	17:37:34	78794.66	394724.66	38.64	Soil	12,000	0.34
08/31/2021	17:37:35	78794.62	394724.59	38.62	Soil	10,860	-0.46
08/31/2021	17:37:36	78794.60	394724.56	38.59	Soil	11,280	-0.16
08/31/2021	17:37:37	78794.64	394724.65	38.61	Soil	11,640	0.09
08/31/2021	17:37:38	78794.61	394724.58	38.60	Soil	9,240	-1.59
08/31/2021	17:37:39	78794.60	394724.58	38.59	Soil	11,220	-0.20
08/31/2021	17:37:40	78794.62	394724.64	38.59	Soil	11,580	0.05
08/31/2021	17:37:41	78794.59	394724.57	38.59	Soil	11,220	-0.20
08/31/2021	17:37:42	78794.62	394724.58	38.65	Soil	11,520	0.01
08/31/2021	17:37:43	78794.62	394724.46	38.69	Soil	11,040	-0.33
08/31/2021	17:37:44	78794.58	394724.31	38.68	Soil	11,340	-0.12
08/31/2021	17:37:45	78794.64	394724.45	38.69	Soil	10,440	-0.75
08/31/2021	17:37:46	78794.63	394724.41	38.64	Soil	11,280	-0.16
08/31/2021	17:37:47	78794.61	394724.36	38.65	Soil	9,900	-1.13
08/31/2021	17:37:48	78794.65	394724.48	38.67	Soil	11,460	-0.04
08/31/2021	17:37:49	78794.61	394724.36	38.64	Soil	10,320	-0.84
08/31/2021	17:37:50	78794.63	394724.38	38.68	Soil	10,860	-0.46
08/31/2021	17:37:51	78794.64	394724.47	38.66	Soil	9,840	-1.17
08/31/2021	17:37:52	78794.52	394724.36	38.65	Soil	10,740	-0.54
08/31/2021	17:37:53	78794.41	394724.44	38.67	Soil	11,700	0.13
08/31/2021	17:37:54	78794.29	394724.46	38.64	Soil	10,080	-1.00
08/31/2021	17:37:55	78794.10	394724.37	38.64	Soil	12,120	0.43
08/31/2021	17:37:56	78793.99	394724.49	38.67	Soil	11,160	-0.25
08/31/2021	17:37:57	78793.83	394724.43	38.65	Soil	11,700	0.13
08/31/2021	17:37:58	78793.80	394724.39	38.66	Soil	12,840	0.93
08/31/2021	17:37:59	78793.89	394724.50	38.68	Soil	12,480	0.68
08/31/2021	17:38:00	78793.83	394724.40	38.65	Soil	12,060	0.39
08/31/2021	17:38:01	78793.82	394724.43	38.59	Soil	10,200	-0.92
08/31/2021	17:38:02	78793.88	394724.53	38.26	Soil	10,560	-0.67
08/31/2021	17:38:03	78793.76	394724.46	38.17	Soil	10,140	-0.96
08/31/2021	17:38:04	78793.69	394724.41	38.18	Soil	9,420	-1.47
08/31/2021	17:38:05	78793.62	394724.43	38.21	Soil	10,740	-0.54
08/31/2021	17:38:06	78793.47	394724.51	38.15	Soil	11,040	-0.33
08/31/2021	17:38:07	78793.48	394724.58	38.09	Soil	10,080	-1.00
08/31/2021	17:38:08	78793.66	394724.58	38.17	Soil	9,960	-1.09

SU 7D GWS RESULTS
(SOIL)

08/31/2021	17:38:09	78793.82	394724.52	38.31	Soil	9,360	-1.51
08/31/2021	17:38:10	78793.84	394724.43	38.36	Soil	10,140	-0.96
08/31/2021	17:38:11	78793.76	394724.41	38.35	Soil	10,320	-0.84
08/31/2021	17:38:12	78793.71	394724.47	38.36	Soil	11,460	-0.04
08/31/2021	17:38:13	78793.78	394724.44	38.35	Soil	11,700	0.13
08/31/2021	17:38:14	78793.80	394724.47	38.32	Soil	10,320	-0.84
08/31/2021	17:38:15	78793.73	394724.63	38.32	Soil	10,320	-0.84
08/31/2021	17:38:16	78793.74	394724.65	38.32	Soil	11,040	-0.33
08/31/2021	17:38:17	78793.79	394724.65	38.28	Soil	10,440	-0.75
08/31/2021	17:38:18	78793.76	394724.78	38.28	Soil	13,260	1.23
08/31/2021	17:38:19	78793.77	394724.79	38.26	Soil	11,160	-0.25
08/31/2021	17:38:20	78793.81	394724.75	38.25	Soil	10,020	-1.05
08/31/2021	17:38:21	78793.78	394724.82	38.24	Soil	10,320	-0.84
08/31/2021	17:38:22	78793.78	394724.79	38.23	Soil	11,280	-0.16
08/31/2021	17:38:23	78793.81	394724.76	38.22	Soil	11,340	-0.12
08/31/2021	17:38:24	78793.80	394724.83	38.21	Soil	11,100	-0.29
08/31/2021	17:38:25	78793.80	394724.80	38.20	Soil	11,640	0.09
08/31/2021	17:38:26	78793.81	394724.77	38.20	Soil	11,520	0.01
08/31/2021	17:38:27	78793.80	394724.84	38.14	Soil	10,440	-0.75
08/31/2021	17:38:28	78793.80	394724.88	38.09	Soil	11,340	-0.12
08/31/2021	17:38:29	78793.80	394724.87	38.09	Soil	11,760	0.18
08/31/2021	17:38:30	78793.79	394724.89	38.08	Soil	11,400	-0.08
08/31/2021	17:38:31	78793.77	394724.90	38.09	Soil	10,200	-0.92
08/31/2021	17:38:32	78793.74	394724.88	38.09	Soil	10,920	-0.41
08/31/2021	17:38:33	78793.74	394724.86	38.09	Soil	10,500	-0.71
08/31/2021	17:38:34	78793.74	394724.85	38.09	Soil	11,100	-0.29
08/31/2021	17:38:35	78793.74	394724.86	38.09	Soil	11,040	-0.33
08/31/2021	17:38:36	78793.74	394724.88	38.09	Soil	9,420	-1.47
08/31/2021	17:38:37	78793.76	394724.86	38.11	Soil	9,600	-1.34
08/31/2021	17:38:38	78793.76	394724.86	38.12	Soil	10,380	-0.79
08/31/2021	17:38:39	78793.63	394724.86	38.08	Soil	11,460	-0.04
08/31/2021	17:38:40	78793.43	394724.72	38.11	Soil	10,740	-0.54
08/31/2021	17:38:41	78793.21	394724.63	38.15	Soil	11,340	-0.12
08/31/2021	17:38:42	78793.10	394724.73	38.27	Soil	10,320	-0.84
08/31/2021	17:38:43	78793.17	394724.83	38.26	Soil	11,580	0.05
08/31/2021	17:38:44	78793.43	394724.84	38.29	Soil	10,380	-0.79
08/31/2021	17:38:45	78793.54	394724.74	38.40	Soil	11,040	-0.33
08/31/2021	17:38:46	78793.41	394724.63	38.40	Soil	10,620	-0.62
08/31/2021	17:38:47	78793.42	394724.71	38.42	Soil	9,540	-1.38
08/31/2021	17:38:48	78793.60	394724.76	38.63	Soil	10,320	-0.84
08/31/2021	17:38:49	78793.76	394724.77	39.25	Soil	11,700	0.13
08/31/2021	17:38:50	78793.88	394724.83	39.84	Soil	11,940	0.30
08/31/2021	17:38:51	78793.88	394724.85	40.18	Soil	10,920	-0.41
08/31/2021	17:38:52	78793.86	394724.85	40.31	Soil	8,520	-2.10
08/31/2021	17:38:53	78793.94	394724.92	41.06	Soil	9,360	-1.51
08/31/2021	17:38:54	78794.15	394724.71	41.26	Soil	9,060	-1.72
08/31/2021	17:38:55	78794.35	394724.37	40.62	Soil	10,740	-0.54
08/31/2021	17:38:56	78794.35	394724.24	40.46	Soil	8,400	-2.18
08/31/2021	17:38:57	78794.32	394724.22	40.41	Soil	9,000	-1.76
08/31/2021	17:38:58	78794.37	394724.19	40.27	Soil	9,360	-1.51
08/31/2021	17:38:59	78794.39	394724.17	40.22	Soil	9,900	-1.13

SU 7D GWS RESULTS
(SOIL)

08/31/2021	17:39:00	78794.38	394724.19	40.22	Soil	8,700	-1.97
08/31/2021	17:39:01	78794.36	394724.19	40.25	Soil	9,300	-1.55
08/31/2021	17:39:02	78794.34	394724.20	40.20	Soil	9,000	-1.76
08/31/2021	17:39:03	78794.34	394724.20	40.17	Soil	8,400	-2.18
08/31/2021	17:39:04	78794.30	394724.17	40.20	Soil	7,620	-2.73
08/31/2021	17:39:05	78794.31	394724.14	40.16	Soil	8,640	-2.01
08/31/2021	17:39:06	78794.46	394724.17	40.11	Soil	9,660	-1.30
08/31/2021	17:39:07	78794.57	394724.18	40.01	Soil	9,300	-1.55
08/31/2021	17:39:08	78794.61	394724.22	39.97	Soil	8,640	-2.01
08/31/2021	17:39:09	78794.61	394724.23	39.92	Soil	7,620	-2.73
08/31/2021	17:39:10	78794.61	394724.22	39.87	Soil	8,400	-2.18
08/31/2021	17:39:11	78794.66	394724.24	39.86	Soil	9,300	-1.55
08/31/2021	17:39:12	78794.73	394724.34	39.85	Soil	8,280	-2.27
08/31/2021	17:39:13	78794.81	394724.45	39.83	Soil	9,060	-1.72
08/31/2021	17:39:14	78794.90	394724.52	39.79	Soil	7,620	-2.73
08/31/2021	17:39:15	78794.99	394724.58	39.76	Soil	10,500	-0.71
08/31/2021	17:39:16	78795.02	394724.60	39.74	Soil	8,100	-2.39
08/31/2021	17:39:17	78795.04	394724.62	39.71	Soil	7,560	-2.77
08/31/2021	17:39:18	78795.05	394724.63	39.67	Soil	8,100	-2.39
08/31/2021	17:39:19	78795.04	394724.64	39.64	Soil	9,720	-1.26
08/31/2021	17:39:20	78795.02	394724.65	39.61	Soil	9,120	-1.68
08/31/2021	17:39:21	78795.02	394724.66	39.58	Soil	8,460	-2.14
08/31/2021	17:39:22	78795.00	394724.67	39.57	Soil	9,060	-1.72
08/31/2021	17:39:23	78794.99	394724.68	39.54	Soil	9,660	-1.30
08/31/2021	17:39:24	78794.99	394724.68	39.52	Soil	9,000	-1.76
08/31/2021	17:39:25	78794.97	394724.69	39.51	Soil	8,040	-2.44
08/31/2021	17:39:26	78794.96	394724.70	39.49	Soil	7,200	-3.02
08/31/2021	17:39:27	78794.95	394724.70	39.47	Soil	7,980	-2.48
08/31/2021	17:39:28	78794.94	394724.71	39.45	Soil	8,820	-1.89
08/31/2021	17:39:29	78794.92	394724.72	39.44	Soil	8,280	-2.27
08/31/2021	17:39:30	78794.90	394724.72	39.44	Soil	9,840	-1.17
08/31/2021	17:39:31	78794.87	394724.70	39.44	Soil	8,460	-2.14
08/31/2021	17:39:32	78794.81	394724.66	39.44	Soil	9,300	-1.55
08/31/2021	17:39:33	78794.74	394724.60	39.46	Soil	7,380	-2.90
08/31/2021	17:39:34	78794.64	394724.53	39.48	Soil	7,140	-3.07
08/31/2021	17:39:35	78794.54	394724.47	39.50	Soil	9,600	-1.34
08/31/2021	17:39:36	78794.44	394724.39	39.51	Soil	8,400	-2.18
08/31/2021	17:39:37	78794.41	394724.30	39.53	Soil	8,400	-2.18
08/31/2021	17:39:38	78794.52	394724.18	39.56	Soil	8,520	-2.10
08/31/2021	17:39:39	78794.67	394724.04	39.63	Soil	9,180	-1.64
08/31/2021	17:39:40	78794.80	394723.91	39.67	Soil	8,520	-2.10
08/31/2021	17:39:41	78794.80	394723.79	39.68	Soil	8,160	-2.35
08/31/2021	17:39:42	78794.74	394723.75	39.66	Soil	7,800	-2.60
08/31/2021	17:39:43	78794.73	394723.75	39.66	Soil	7,620	-2.73
08/31/2021	17:39:44	78794.72	394723.75	39.65	Soil	9,900	-1.13
08/31/2021	17:39:45	78794.71	394723.75	39.65	Soil	9,060	-1.72
08/31/2021	17:39:46	78794.69	394723.75	39.64	Soil	8,340	-2.22
08/31/2021	17:39:47	78794.69	394723.77	39.63	Soil	10,140	-0.96
08/31/2021	17:39:48	78794.70	394723.80	39.63	Soil	10,680	-0.58
08/31/2021	17:39:49	78794.71	394723.84	39.62	Soil	9,480	-1.42
08/31/2021	17:39:50	78794.72	394723.87	39.62	Soil	8,520	-2.10

SU 7D GWS RESULTS
(SOIL)

08/31/2021	17:39:51	78794.73	394723.90	39.63	Soil	7,980	-2.48
08/31/2021	17:39:52	78794.74	394723.94	39.62	Soil	8,760	-1.93
08/31/2021	17:39:53	78794.76	394723.97	39.62	Soil	8,700	-1.97
08/31/2021	17:39:54	78794.78	394724.00	39.63	Soil	9,120	-1.68
08/31/2021	17:39:55	78794.79	394724.03	39.64	Soil	7,920	-2.52
08/31/2021	17:39:56	78794.79	394724.05	39.63	Soil	9,060	-1.72
08/31/2021	17:39:57	78794.77	394724.08	39.62	Soil	9,420	-1.47
08/31/2021	17:39:58	78794.75	394724.10	39.63	Soil	9,300	-1.55
08/31/2021	17:39:59	78794.74	394724.11	39.69	Soil	9,240	-1.59
08/31/2021	17:40:00	78794.73	394724.12	39.69	Soil	9,240	-1.59
08/31/2021	17:40:01	78794.72	394724.12	39.68	Soil	8,100	-2.39
08/31/2021	17:40:02	78794.71	394724.12	39.69	Soil	9,120	-1.68
08/31/2021	17:40:03	78794.71	394724.12	39.72	Soil	8,940	-1.80
08/31/2021	17:40:04	78794.70	394724.11	39.80	Soil	9,000	-1.76
08/31/2021	17:40:05	78794.69	394724.11	39.87	Soil	9,060	-1.72
08/31/2021	17:40:06	78794.70	394724.10	39.87	Soil	9,540	-1.38
08/31/2021	17:40:07	78794.71	394724.10	39.87	Soil	8,640	-2.01
08/31/2021	17:40:08	78794.72	394724.10	39.90	Soil	9,300	-1.55
08/31/2021	17:40:09	78794.73	394724.09	39.89	Soil	8,640	-2.01
08/31/2021	17:40:10	78794.73	394724.08	39.94	Soil	8,640	-2.01
08/31/2021	17:40:11	78794.70	394724.04	39.96	Soil	8,580	-2.06
08/31/2021	17:40:12	78794.63	394723.98	39.99	Soil	8,340	-2.22
08/31/2021	17:40:13	78794.54	394723.87	40.01	Soil	9,660	-1.30
08/31/2021	17:40:14	78794.45	394723.77	40.02	Soil	8,640	-2.01
08/31/2021	17:40:15	78794.39	394723.65	39.98	Soil	8,100	-2.39
08/31/2021	17:40:16	78794.39	394723.53	39.94	Soil	9,780	-1.21
08/31/2021	17:40:17	78794.43	394723.39	39.92	Soil	9,780	-1.21
08/31/2021	17:40:18	78794.46	394723.23	39.88	Soil	8,340	-2.22
08/31/2021	17:40:19	78794.43	394723.09	39.82	Soil	8,460	-2.14
08/31/2021	17:40:20	78794.33	394723.00	39.79	Soil	9,060	-1.72
08/31/2021	17:40:21	78794.25	394722.91	39.77	Soil	9,840	-1.17
08/31/2021	17:40:22	78794.21	394722.79	39.77	Soil	8,400	-2.18
08/31/2021	17:40:23	78794.26	394722.64	39.78	Soil	9,360	-1.51
08/31/2021	17:40:24	78794.32	394722.54	39.78	Soil	8,880	-1.85
08/31/2021	17:40:25	78794.34	394722.53	39.78	Soil	8,100	-2.39
08/31/2021	17:40:26	78794.34	394722.52	39.79	Soil	9,060	-1.72
08/31/2021	17:40:27	78794.34	394722.51	39.80	Soil	9,480	-1.42
08/31/2021	17:40:28	78794.32	394722.47	39.81	Soil	9,660	-1.30
08/31/2021	17:40:29	78794.30	394722.37	39.76	Soil	9,240	-1.59
08/31/2021	17:40:30	78794.23	394722.22	39.65	Soil	8,940	-1.80
08/31/2021	17:40:31	78794.13	394722.06	39.57	Soil	9,120	-1.68
08/31/2021	17:40:32	78794.06	394721.94	39.56	Soil	8,820	-1.89
08/31/2021	17:40:33	78794.04	394721.87	39.56	Soil	8,340	-2.22
08/31/2021	17:40:34	78794.05	394721.86	39.57	Soil	9,480	-1.42
08/31/2021	17:40:35	78794.06	394721.86	39.58	Soil	7,740	-2.65
08/31/2021	17:40:36	78794.08	394721.85	39.59	Soil	8,520	-2.10
08/31/2021	17:40:37	78794.09	394721.85	39.58	Soil	9,360	-1.51
08/31/2021	17:40:38	78794.10	394721.82	39.63	Soil	8,220	-2.31
08/31/2021	17:40:39	78794.11	394721.81	40.09	Soil	8,820	-1.89
08/31/2021	17:40:40	78794.11	394721.81	40.51	Soil	9,420	-1.47
08/31/2021	17:40:41	78794.12	394721.81	40.93	Soil	9,120	-1.68

SU 7D GWS RESULTS
(SOIL)

08/31/2021	17:40:42	78794.13	394721.81	41.33	Soil	9,180	-1.64
08/31/2021	17:40:43	78794.13	394721.82	41.72	Soil	10,980	-0.37
08/31/2021	17:40:44	78794.13	394721.82	42.12	Soil	9,540	-1.38
08/31/2021	17:40:45	78794.13	394721.82	42.50	Soil	9,540	-1.38
08/31/2021	17:40:46	78794.11	394721.83	42.88	Soil	8,880	-1.85
08/31/2021	17:40:47	78794.10	394721.83	43.25	Soil	7,860	-2.56
08/31/2021	17:40:48	78794.10	394721.82	43.63	Soil	6,900	-3.24
08/31/2021	17:40:49	78794.09	394721.82	44.01	Soil	9,180	-1.64
08/31/2021	17:40:50	78794.07	394721.82	44.21	Soil	9,300	-1.55
08/31/2021	17:40:51	78794.08	394721.82	44.22	Soil	8,460	-2.14
08/31/2021	17:40:52	78794.09	394721.82	44.23	Soil	9,480	-1.42
08/31/2021	17:40:53	78794.11	394721.82	44.24	Soil	7,200	-3.02
08/31/2021	17:40:54	78794.12	394721.81	44.25	Soil	8,640	-2.01
08/31/2021	17:40:55	78794.14	394721.82	44.26	Soil	7,800	-2.60
08/31/2021	17:40:56	78794.15	394721.82	44.26	Soil	8,700	-1.97
08/31/2021	17:40:57	78794.16	394721.82	44.27	Soil	8,820	-1.89
08/31/2021	17:40:58	78794.18	394721.82	44.27	Soil	7,980	-2.48
08/31/2021	17:40:59	78794.18	394721.81	44.27	Soil	10,320	-0.84
08/31/2021	17:41:00	78794.18	394721.82	44.27	Soil	8,700	-1.97
08/31/2021	17:41:01	78794.18	394721.82	44.27	Soil	8,340	-2.22
08/31/2021	17:41:02	78794.18	394721.82	44.27	Soil	9,480	-1.42
08/31/2021	17:41:03	78794.19	394721.81	44.24	Soil	8,760	-1.93
08/31/2021	17:41:04	78794.17	394721.79	44.04	Soil	9,120	-1.68
08/31/2021	17:41:05	78794.11	394721.77	43.84	Soil	8,760	-1.93
08/31/2021	17:41:06	78794.05	394721.75	43.63	Soil	8,400	-2.18
08/31/2021	17:41:07	78794.01	394721.71	43.41	Soil	8,640	-2.01
08/31/2021	17:41:08	78793.97	394721.68	43.22	Soil	8,520	-2.10
08/31/2021	17:41:09	78793.93	394721.63	43.01	Soil	8,580	-2.06
08/31/2021	17:41:10	78793.89	394721.59	42.81	Soil	8,940	-1.80
08/31/2021	17:41:11	78793.86	394721.54	42.60	Soil	8,640	-2.01
08/31/2021	17:41:12	78793.83	394721.48	42.39	Soil	10,380	-0.79
08/31/2021	17:41:13	78793.80	394721.42	42.19	Soil	8,340	-2.22
08/31/2021	17:41:14	78793.77	394721.35	41.98	Soil	8,580	-2.06
08/31/2021	17:41:15	78793.74	394721.28	41.78	Soil	9,180	-1.64
08/31/2021	17:41:16	78793.71	394721.21	41.58	Soil	8,400	-2.18
08/31/2021	17:41:17	78793.68	394721.12	41.37	Soil	8,340	-2.22
08/31/2021	17:41:18	78793.65	394721.03	41.16	Soil	9,000	-1.76
08/31/2021	17:41:19	78793.62	394720.93	40.94	Soil	7,740	-2.65
08/31/2021	17:41:20	78793.58	394720.84	40.77	Soil	8,220	-2.31
08/31/2021	17:41:21	78793.56	394720.78	40.73	Soil	8,640	-2.01
08/31/2021	17:41:22	78793.55	394720.77	40.71	Soil	10,200	-0.92
08/31/2021	17:41:23	78793.53	394720.73	40.59	Soil	9,360	-1.51
08/31/2021	17:41:24	78793.50	394720.64	40.40	Soil	9,360	-1.51
08/31/2021	17:41:25	78793.46	394720.52	40.18	Soil	9,000	-1.76
08/31/2021	17:41:26	78793.42	394720.41	40.00	Soil	8,820	-1.89
08/31/2021	17:41:27	78793.40	394720.36	40.02	Soil	10,500	-0.71
08/31/2021	17:41:28	78793.41	394720.36	40.05	Soil	8,640	-2.01
08/31/2021	17:41:29	78793.42	394720.39	40.17	Soil	7,980	-2.48
08/31/2021	17:41:30	78793.42	394720.41	40.18	Soil	9,420	-1.47
08/31/2021	17:41:31	78793.42	394720.41	40.18	Soil	9,660	-1.30
08/31/2021	17:41:32	78793.42	394720.42	40.18	Soil	9,540	-1.38

SU 7D GWS RESULTS
(SOIL)

08/31/2021	17:41:33	78793.43	394720.42	40.18	Soil	10,800	-0.50
08/31/2021	17:41:34	78793.45	394720.40	40.17	Soil	8,340	-2.22
08/31/2021	17:41:35	78793.46	394720.39	40.17	Soil	9,060	-1.72
08/31/2021	17:41:36	78793.45	394720.40	40.18	Soil	9,060	-1.72
08/31/2021	17:41:37	78793.45	394720.40	40.18	Soil	8,760	-1.93
08/31/2021	17:41:38	78793.45	394720.40	40.17	Soil	10,380	-0.79
08/31/2021	17:41:39	78793.45	394720.40	40.16	Soil	7,380	-2.90
08/31/2021	17:41:40	78793.45	394720.40	40.16	Soil	10,020	-1.05
08/31/2021	17:41:41	78793.44	394720.40	40.15	Soil	9,240	-1.59
08/31/2021	17:41:42	78793.44	394720.40	40.15	Soil	8,040	-2.44
08/31/2021	17:41:43	78793.44	394720.40	40.14	Soil	9,180	-1.64
08/31/2021	17:41:44	78793.44	394720.40	40.14	Soil	9,000	-1.76
08/31/2021	17:41:45	78793.44	394720.40	40.14	Soil	9,540	-1.38
08/31/2021	17:41:46	78793.45	394720.40	40.14	Soil	7,980	-2.48
08/31/2021	17:41:47	78793.46	394720.40	40.14	Soil	9,540	-1.38
08/31/2021	17:41:48	78793.46	394720.42	40.12	Soil	9,780	-1.21
08/31/2021	17:41:49	78793.48	394720.49	40.04	Soil	8,700	-1.97
08/31/2021	17:41:50	78793.52	394720.60	39.95	Soil	9,360	-1.51
08/31/2021	17:41:51	78793.57	394720.71	39.86	Soil	8,460	-2.14
08/31/2021	17:41:52	78793.61	394720.81	39.78	Soil	9,600	-1.34
08/31/2021	17:41:53	78793.65	394720.92	39.68	Soil	9,180	-1.64
08/31/2021	17:41:54	78793.69	394721.04	39.60	Soil	10,080	-1.00
08/31/2021	17:41:55	78793.73	394721.14	39.52	Soil	8,940	-1.80
08/31/2021	17:41:56	78793.77	394721.25	39.44	Soil	10,140	-0.96
08/31/2021	17:41:57	78793.79	394721.36	39.34	Soil	9,000	-1.76
08/31/2021	17:41:58	78793.82	394721.44	39.30	Soil	10,560	-0.67
08/31/2021	17:41:59	78793.84	394721.46	39.31	Soil	9,000	-1.76
08/31/2021	17:42:00	78793.85	394721.51	39.36	Soil	9,600	-1.34
08/31/2021	17:42:01	78793.87	394721.62	39.46	Soil	9,180	-1.64
08/31/2021	17:42:02	78793.91	394721.73	39.57	Soil	9,000	-1.76
08/31/2021	17:42:03	78793.94	394721.83	39.65	Soil	9,360	-1.51
08/31/2021	17:42:04	78793.96	394721.87	39.65	Soil	8,100	-2.39
08/31/2021	17:42:05	78793.97	394721.87	39.64	Soil	9,360	-1.51
08/31/2021	17:42:06	78793.98	394721.87	39.64	Soil	9,120	-1.68
08/31/2021	17:42:07	78794.00	394721.87	39.65	Soil	8,700	-1.97
08/31/2021	17:42:08	78793.93	394721.80	39.63	Soil	9,420	-1.47
08/31/2021	17:42:09	78793.88	394721.80	39.63	Soil	8,340	-2.22
08/31/2021	17:42:10	78793.92	394721.83	39.64	Soil	8,880	-1.85
08/31/2021	17:42:11	78793.90	394721.79	39.65	Soil	8,880	-1.85
08/31/2021	17:42:12	78793.89	394721.77	39.62	Soil	9,120	-1.68
08/31/2021	17:42:13	78793.93	394721.75	39.67	Soil	7,560	-2.77
08/31/2021	17:42:14	78793.92	394721.79	39.66	Soil	8,940	-1.80
08/31/2021	17:42:15	78793.84	394721.76	39.64	Soil	9,540	-1.38
08/31/2021	17:42:16	78793.78	394721.66	39.60	Soil	9,000	-1.76
08/31/2021	17:42:17	78793.69	394721.65	39.83	Soil	9,360	-1.51
08/31/2021	17:42:18	78793.61	394721.66	39.85	Soil	8,760	-1.93
08/31/2021	17:42:19	78793.60	394721.69	40.12	Soil	10,560	-0.67
08/31/2021	17:42:20	78793.69	394721.78	40.36	Soil	10,200	-0.92
08/31/2021	17:42:21	78793.75	394721.84	40.42	Soil	9,300	-1.55
08/31/2021	17:42:22	78793.80	394721.90	40.75	Soil	9,480	-1.42
08/31/2021	17:42:23	78793.88	394722.17	39.99	Soil	10,440	-0.75

SU 7D GWS RESULTS
(SOIL)

08/31/2021	17:42:24	78793.78	394722.28	39.45	Soil	10,200	-0.92
08/31/2021	17:42:25	78793.57	394722.24	39.23	Soil	10,800	-0.50
08/31/2021	17:42:26	78793.45	394722.29	38.81	Soil	10,920	-0.41
08/31/2021	17:42:27	78793.41	394722.35	38.72	Soil	10,080	-1.00
08/31/2021	17:42:28	78793.40	394722.33	38.73	Soil	11,820	0.22
08/31/2021	17:42:29	78793.45	394722.27	38.68	Soil	11,700	0.13
08/31/2021	17:42:30	78793.44	394722.26	38.70	Soil	11,640	0.09
08/31/2021	17:42:31	78793.42	394722.26	38.71	Soil	12,540	0.72
08/31/2021	17:42:32	78793.40	394722.26	38.72	Soil	11,460	-0.04
08/31/2021	17:42:33	78793.39	394722.25	38.73	Soil	11,880	0.26
08/31/2021	17:42:34	78793.40	394722.25	38.74	Soil	10,320	-0.84
08/31/2021	17:42:35	78793.40	394722.26	38.74	Soil	10,500	-0.71
08/31/2021	17:42:36	78793.42	394722.26	38.74	Soil	11,640	0.09
08/31/2021	17:42:37	78793.48	394722.25	38.75	Soil	11,400	-0.08
08/31/2021	17:42:38	78793.52	394722.23	38.76	Soil	11,100	-0.29
08/31/2021	17:42:39	78793.51	394722.22	38.77	Soil	10,860	-0.46
08/31/2021	17:42:40	78793.52	394722.22	38.69	Soil	10,080	-1.00
08/31/2021	17:42:41	78793.48	394722.27	38.63	Soil	10,980	-0.37
08/31/2021	17:42:42	78793.38	394722.40	38.39	Soil	9,840	-1.17
08/31/2021	17:42:43	78793.61	394722.44	38.51	Soil	11,340	-0.12
08/31/2021	17:42:44	78793.80	394722.44	38.56	Soil	11,160	-0.25
08/31/2021	17:42:45	78793.50	394722.43	38.58	Soil	11,100	-0.29
08/31/2021	17:42:46	78793.35	394722.33	38.56	Soil	11,160	-0.25
08/31/2021	17:42:47	78793.45	394722.35	38.59	Soil	11,220	-0.20
08/31/2021	17:42:48	78793.42	394722.42	38.57	Soil	10,980	-0.37
08/31/2021	17:42:49	78793.42	394722.37	38.62	Soil	12,480	0.68
08/31/2021	17:42:50	78793.47	394722.36	38.62	Soil	10,920	-0.41
08/31/2021	17:42:51	78793.30	394722.44	38.55	Soil	12,240	0.51
08/31/2021	17:42:52	78793.31	394722.52	38.59	Soil	11,760	0.18
08/31/2021	17:42:53	78793.48	394722.59	38.58	Soil	9,480	-1.42
08/31/2021	17:42:54	78793.26	394722.67	38.51	Soil	10,800	-0.50
08/31/2021	17:42:55	78793.20	394722.59	38.51	Soil	10,020	-1.05
08/31/2021	17:42:56	78793.35	394722.47	38.60	Soil	10,320	-0.84
08/31/2021	17:42:57	78793.22	394722.49	38.65	Soil	10,920	-0.41
08/31/2021	17:42:58	78793.31	394722.46	38.67	Soil	12,240	0.51
08/31/2021	17:42:59	78793.48	394722.41	38.86	Soil	10,200	-0.92
08/31/2021	17:43:00	78793.38	394722.43	39.05	Soil	10,800	-0.50
08/31/2021	17:43:01	78793.50	394722.41	39.10	Soil	11,340	-0.12
08/31/2021	17:43:02	78793.74	394722.35	39.12	Soil	10,980	-0.37
08/31/2021	17:43:03	78793.87	394722.30	39.15	Soil	11,580	0.05
08/31/2021	17:43:04	78793.90	394722.30	39.23	Soil	11,100	-0.29
08/31/2021	17:43:05	78793.85	394722.33	39.19	Soil	10,680	-0.58
08/31/2021	17:43:06	78793.84	394722.37	39.20	Soil	10,620	-0.62
08/31/2021	17:43:07	78793.82	394722.40	39.21	Soil	11,220	-0.20
08/31/2021	17:43:08	78793.84	394722.43	39.18	Soil	11,100	-0.29
08/31/2021	17:43:09	78793.86	394722.53	39.11	Soil	9,960	-1.09
08/31/2021	17:43:10	78793.89	394722.63	39.05	Soil	12,660	0.81
08/31/2021	17:43:11	78793.91	394722.74	38.96	Soil	10,320	-0.84
08/31/2021	17:43:12	78793.92	394722.87	38.87	Soil	10,260	-0.88
08/31/2021	17:43:13	78793.91	394722.95	38.87	Soil	10,680	-0.58
08/31/2021	17:43:14	78793.89	394722.96	38.88	Soil	9,480	-1.42

SU 7D GWS RESULTS
(SOIL)

08/31/2021	17:43:15	78793.91	394722.97	39.03	Soil	9,720	-1.26
08/31/2021	17:43:16	78793.97	394723.02	39.16	Soil	10,920	-0.41
08/31/2021	17:43:17	78793.99	394723.08	39.29	Soil	11,580	0.05
08/31/2021	17:43:18	78793.99	394723.15	39.40	Soil	10,860	-0.46
08/31/2021	17:43:19	78794.00	394723.20	39.50	Soil	12,000	0.34
08/31/2021	17:43:20	78794.01	394723.23	39.64	Soil	10,860	-0.46
08/31/2021	17:43:21	78794.01	394723.25	39.76	Soil	11,760	0.18
08/31/2021	17:43:22	78794.01	394723.26	39.86	Soil	11,220	-0.20
08/31/2021	17:43:23	78794.00	394723.28	39.88	Soil	12,960	1.02
08/31/2021	17:43:24	78793.99	394723.29	39.89	Soil	10,260	-0.88
08/31/2021	17:43:25	78793.99	394723.29	39.92	Soil	10,920	-0.41
08/31/2021	17:43:26	78794.01	394723.33	39.86	Soil	11,100	-0.29
08/31/2021	17:43:27	78794.04	394723.44	39.79	Soil	11,940	0.30
08/31/2021	17:43:28	78794.08	394723.55	39.73	Soil	11,460	-0.04
08/31/2021	17:43:29	78794.12	394723.66	39.65	Soil	10,380	-0.79
08/31/2021	17:43:30	78794.15	394723.76	39.59	Soil	10,740	-0.54
08/31/2021	17:43:31	78794.17	394723.80	39.59	Soil	10,080	-1.00
08/31/2021	17:43:32	78794.17	394723.79	39.61	Soil	10,260	-0.88
08/31/2021	17:43:33	78794.17	394723.78	39.61	Soil	9,120	-1.68
08/31/2021	17:43:34	78794.17	394723.78	39.64	Soil	12,120	0.43
08/31/2021	17:43:35	78794.19	394723.77	39.65	Soil	10,440	-0.75
08/31/2021	17:43:36	78794.34	394723.71	39.66	Soil	11,100	-0.29
08/31/2021	17:43:37	78794.44	394723.67	39.68	Soil	9,300	-1.55
08/31/2021	17:43:38	78794.29	394723.71	39.51	Soil	12,060	0.39
08/31/2021	17:43:39	78794.32	394723.74	39.36	Soil	11,340	-0.12
08/31/2021	17:43:40	78794.50	394723.74	39.37	Soil	11,580	0.05
08/31/2021	17:43:41	78794.47	394723.75	39.40	Soil	12,660	0.81
08/31/2021	17:43:42	78794.45	394723.74	39.39	Soil	10,680	-0.58
08/31/2021	17:43:43	78794.36	394723.77	39.38	Soil	10,500	-0.71
08/31/2021	17:43:44	78794.17	394723.87	39.24	Soil	10,500	-0.71
08/31/2021	17:43:45	78794.17	394723.92	39.17	Soil	10,860	-0.46
08/31/2021	17:43:46	78794.37	394723.87	39.29	Soil	10,620	-0.62
08/31/2021	17:43:47	78794.28	394723.90	39.21	Soil	12,000	0.34
08/31/2021	17:43:48	78794.10	394723.88	39.16	Soil	10,440	-0.75
08/31/2021	17:43:49	78794.37	394723.80	39.31	Soil	11,040	-0.33
08/31/2021	17:43:50	78794.45	394723.80	39.29	Soil	10,620	-0.62
08/31/2021	17:43:51	78794.40	394723.76	39.35	Soil	11,280	-0.16
08/31/2021	17:43:52	78794.66	394723.65	39.40	Soil	11,760	0.18
08/31/2021	17:43:53	78794.70	394723.64	39.36	Soil	10,740	-0.54
08/31/2021	17:43:54	78794.70	394723.62	39.50	Soil	10,860	-0.46
08/31/2021	17:43:55	78794.92	394723.55	39.50	Soil	10,620	-0.62
08/31/2021	17:43:56	78794.96	394723.54	39.48	Soil	11,160	-0.25
08/31/2021	17:43:57	78794.95	394723.52	39.54	Soil	10,620	-0.62
08/31/2021	17:43:58	78794.97	394723.57	39.74	Soil	11,580	0.05
08/31/2021	17:43:59	78794.96	394723.65	39.45	Soil	13,680	1.52
08/31/2021	17:44:00	78794.84	394723.64	39.43	Soil	11,820	0.22
08/31/2021	17:44:01	78794.76	394723.56	39.48	Soil	11,340	-0.12
08/31/2021	17:44:02	78795.02	394723.41	39.50	Soil	11,040	-0.33
08/31/2021	17:44:03	78795.13	394723.34	39.44	Soil	11,400	-0.08
08/31/2021	17:44:04	78794.84	394723.43	39.45	Soil	10,740	-0.54
08/31/2021	17:44:05	78794.88	394723.40	39.45	Soil	11,820	0.22

SU 7D GWS RESULTS
(SOIL)

08/31/2021	17:44:06	78795.05	394723.32	39.39	Soil	11,820	0.22
08/31/2021	17:44:07	78794.84	394723.39	39.32	Soil	10,200	-0.92
08/31/2021	17:44:08	78794.59	394723.55	39.22	Soil	8,220	-2.31
08/31/2021	17:44:09	78794.58	394723.78	39.03	Soil	10,440	-0.75
08/31/2021	17:44:10	78794.60	394723.78	39.17	Soil	10,740	-0.54
08/31/2021	17:44:11	78794.63	394723.73	39.14	Soil	11,460	-0.04
08/31/2021	17:44:12	78794.74	394723.78	39.11	Soil	10,980	-0.37
08/31/2021	17:44:13	78794.74	394723.67	39.17	Soil	12,180	0.47
08/31/2021	17:44:14	78794.70	394723.62	39.15	Soil	9,600	-1.34
08/31/2021	17:44:15	78794.86	394723.73	39.13	Soil	11,940	0.30
08/31/2021	17:44:16	78794.94	394723.68	39.11	Soil	9,720	-1.26
08/31/2021	17:44:17	78794.83	394723.60	39.09	Soil	11,160	-0.25
08/31/2021	17:44:18	78794.89	394723.71	39.07	Soil	9,540	-1.38
08/31/2021	17:44:19	78795.01	394723.62	39.11	Soil	10,080	-1.00
08/31/2021	17:44:20	78795.00	394723.46	39.08	Soil	10,920	-0.41
08/31/2021	17:44:21	78795.10	394723.51	39.15	Soil	10,320	-0.84
08/31/2021	17:44:22	78795.30	394723.50	39.11	Soil	11,340	-0.12
08/31/2021	17:44:23	78795.28	394723.34	39.05	Soil	10,680	-0.58
08/31/2021	17:44:24	78795.18	394723.30	39.06	Soil	10,380	-0.79
08/31/2021	17:44:25	78795.22	394723.49	39.10	Soil	11,580	0.05
08/31/2021	17:44:26	78795.24	394723.65	38.96	Soil	9,720	-1.26
08/31/2021	17:44:27	78795.12	394723.59	38.93	Soil	9,780	-1.21
08/31/2021	17:44:28	78794.90	394723.46	38.89	Soil	10,680	-0.58
08/31/2021	17:44:29	78794.93	394723.65	38.89	Soil	12,300	0.55
08/31/2021	17:44:30	78795.05	394723.86	38.76	Soil	11,760	0.18
08/31/2021	17:44:31	78795.02	394723.79	38.77	Soil	10,260	-0.88
08/31/2021	17:44:32	78795.01	394723.65	38.78	Soil	10,380	-0.79
08/31/2021	17:44:33	78795.19	394723.63	38.80	Soil	10,320	-0.84
08/31/2021	17:44:34	78795.35	394723.69	38.73	Soil	12,060	0.39
08/31/2021	17:44:35	78795.23	394723.57	38.64	Soil	10,200	-0.92
08/31/2021	17:44:36	78795.20	394723.52	38.68	Soil	10,920	-0.41
08/31/2021	17:44:37	78795.47	394723.60	38.64	Soil	11,040	-0.33
08/31/2021	17:44:38	78795.57	394723.51	38.62	Soil	11,460	-0.04
08/31/2021	17:44:39	78795.44	394723.32	38.62	Soil	10,260	-0.88
08/31/2021	17:44:40	78795.22	394723.37	38.54	Soil	11,460	-0.04
08/31/2021	17:44:41	78794.90	394723.61	38.45	Soil	11,640	0.09
08/31/2021	17:44:42	78794.71	394723.69	38.49	Soil	10,500	-0.71
08/31/2021	17:44:43	78794.88	394723.78	38.50	Soil	10,620	-0.62
08/31/2021	17:44:44	78794.98	394723.79	38.44	Soil	9,780	-1.21
08/31/2021	17:44:45	78794.61	394723.73	38.37	Soil	11,880	0.26
08/31/2021	17:44:46	78794.61	394723.85	38.45	Soil	11,340	-0.12
08/31/2021	17:44:47	78794.94	394724.01	38.34	Soil	11,640	0.09
08/31/2021	17:44:48	78794.95	394723.94	38.34	Soil	9,420	-1.47
08/31/2021	17:44:49	78794.80	394723.80	38.28	Soil	10,920	-0.41
08/31/2021	17:44:50	78794.85	394723.81	38.33	Soil	10,920	-0.41
08/31/2021	17:44:51	78795.04	394723.89	38.29	Soil	10,920	-0.41
08/31/2021	17:44:52	78794.93	394723.82	38.24	Soil	10,980	-0.37
08/31/2021	17:44:53	78794.67	394723.71	38.16	Soil	9,540	-1.38
08/31/2021	17:44:54	78794.63	394723.59	38.43	Soil	10,560	-0.67
08/31/2021	17:44:55	78794.76	394723.51	38.54	Soil	11,040	-0.33
08/31/2021	17:44:56	78794.77	394723.49	38.51	Soil	12,720	0.85

SU 7D GWS RESULTS
(SOIL)

08/31/2021	17:44:57	78794.73	394723.52	38.61	Soil	10,200	-0.92
08/31/2021	17:44:58	78794.83	394723.51	38.88	Soil	9,360	-1.51
08/31/2021	17:44:59	78794.88	394723.52	38.85	Soil	10,500	-0.71
08/31/2021	17:45:00	78794.85	394723.54	38.77	Soil	9,240	-1.59
08/31/2021	17:45:01	78794.76	394723.59	38.88	Soil	10,500	-0.71
08/31/2021	17:45:02	78794.70	394723.63	38.91	Soil	9,480	-1.42
08/31/2021	17:45:03	78794.74	394723.62	38.89	Soil	10,320	-0.84
08/31/2021	17:45:04	78794.76	394723.69	38.84	Soil	10,620	-0.62
08/31/2021	17:45:05	78794.79	394723.79	38.79	Soil	10,920	-0.41
08/31/2021	17:45:06	78794.81	394723.82	38.82	Soil	12,300	0.55
08/31/2021	17:45:07	78794.81	394723.82	38.86	Soil	10,860	-0.46
08/31/2021	17:45:08	78794.80	394723.81	38.89	Soil	11,640	0.09
08/31/2021	17:45:09	78794.80	394723.81	38.98	Soil	10,200	-0.92
08/31/2021	17:45:10	78794.83	394723.87	39.33	Soil	10,860	-0.46
08/31/2021	17:45:11	78794.89	394724.01	39.71	Soil	10,080	-1.00
08/31/2021	17:45:12	78794.94	394724.13	39.90	Soil	10,980	-0.37
08/31/2021	17:45:13	78794.96	394724.16	39.92	Soil	11,220	-0.20
08/31/2021	17:45:14	78794.95	394724.15	39.96	Soil	9,780	-1.21
08/31/2021	17:45:15	78794.94	394724.13	40.01	Soil	11,040	-0.33
08/31/2021	17:45:16	78794.94	394724.13	40.05	Soil	11,100	-0.29
08/31/2021	17:45:17	78794.96	394724.17	40.02	Soil	11,640	0.09
08/31/2021	17:45:18	78794.99	394724.26	39.99	Soil	9,300	-1.55
08/31/2021	17:45:19	78795.03	394724.34	39.93	Soil	11,100	-0.29
08/31/2021	17:45:20	78795.06	394724.44	39.88	Soil	10,080	-1.00
08/31/2021	17:45:21	78795.09	394724.53	39.85	Soil	10,020	-1.05
08/31/2021	17:45:22	78795.13	394724.62	39.82	Soil	9,420	-1.47
08/31/2021	17:45:23	78795.17	394724.71	39.76	Soil	10,020	-1.05
08/31/2021	17:45:24	78795.20	394724.80	39.70	Soil	11,100	-0.29
08/31/2021	17:45:25	78795.20	394724.85	39.73	Soil	9,840	-1.17
08/31/2021	17:45:26	78795.21	394724.82	39.58	Soil	10,380	-0.79
08/31/2021	17:45:27	78795.33	394724.76	39.50	Soil	10,020	-1.05
08/31/2021	17:45:28	78795.59	394724.62	39.44	Soil	9,120	-1.68
08/31/2021	17:45:29	78795.77	394724.46	39.38	Soil	10,080	-1.00
08/31/2021	17:45:30	78795.62	394724.50	39.30	Soil	10,920	-0.41
08/31/2021	17:45:31	78795.49	394724.57	39.38	Soil	10,140	-0.96
08/31/2021	17:45:32	78795.58	394724.61	39.37	Soil	10,800	-0.50
08/31/2021	17:45:33	78795.56	394724.64	39.30	Soil	11,580	0.05
08/31/2021	17:45:34	78795.44	394724.60	39.15	Soil	10,860	-0.46
08/31/2021	17:45:35	78795.35	394724.67	39.18	Soil	11,880	0.26
08/31/2021	17:45:36	78795.34	394724.78	39.28	Soil	12,600	0.76
08/31/2021	17:45:37	78795.82	394724.55	39.48	Soil	11,400	-0.08
08/31/2021	17:45:38	78795.90	394724.39	39.30	Soil	10,020	-1.05
08/31/2021	17:45:39	78795.58	394724.50	39.41	Soil	11,100	-0.29
08/31/2021	17:45:40	78795.67	394724.58	39.39	Soil	11,700	0.13
08/31/2021	17:45:41	78795.67	394724.51	39.34	Soil	11,820	0.22
08/31/2021	17:45:42	78795.60	394724.52	39.37	Soil	11,400	-0.08
08/31/2021	17:45:43	78795.57	394724.61	39.33	Soil	11,160	-0.25
08/31/2021	17:45:44	78795.39	394724.55	39.29	Soil	10,500	-0.71
08/31/2021	17:45:45	78795.45	394724.60	39.39	Soil	10,560	-0.67
08/31/2021	17:45:46	78795.62	394724.65	39.30	Soil	11,220	-0.20
08/31/2021	17:45:47	78795.47	394724.55	39.24	Soil	11,280	-0.16

SU 7D GWS RESULTS
(SOIL)

08/31/2021	17:45:48	78795.48	394724.67	39.40	Soil	10,620	-0.62
08/31/2021	17:45:49	78795.63	394724.66	39.30	Soil	12,480	0.68
08/31/2021	17:45:50	78795.62	394724.49	39.32	Soil	12,000	0.34
08/31/2021	17:45:51	78795.65	394724.72	39.31	Soil	11,580	0.05
08/31/2021	17:45:52	78795.68	394724.92	39.15	Soil	10,080	-1.00
08/31/2021	17:45:53	78795.62	394724.78	39.14	Soil	11,700	0.13
08/31/2021	17:45:54	78795.54	394724.71	39.09	Soil	9,960	-1.09
08/31/2021	17:45:55	78795.62	394724.78	39.20	Soil	11,880	0.26
08/31/2021	17:45:56	78795.81	394724.86	39.15	Soil	11,700	0.13
08/31/2021	17:45:57	78795.74	394724.65	39.01	Soil	11,580	0.05
08/31/2021	17:45:58	78795.60	394724.67	39.01	Soil	10,980	-0.37
08/31/2021	17:45:59	78795.56	394724.92	38.95	Soil	11,580	0.05
08/31/2021	17:46:00	78795.48	394724.92	38.92	Soil	9,120	-1.68
08/31/2021	17:46:01	78795.37	394724.74	38.85	Soil	12,060	0.39
08/31/2021	17:46:02	78795.43	394724.78	38.90	Soil	12,000	0.34
08/31/2021	17:46:03	78795.52	394724.95	38.85	Soil	9,060	-1.72
08/31/2021	17:46:04	78795.41	394724.79	38.76	Soil	11,340	-0.12
08/31/2021	17:46:05	78795.41	394724.72	38.86	Soil	12,660	0.81
08/31/2021	17:46:06	78795.55	394724.94	38.81	Soil	10,980	-0.37
08/31/2021	17:46:07	78795.50	394724.92	38.71	Soil	10,500	-0.71
08/31/2021	17:46:08	78795.38	394724.75	38.83	Soil	11,940	0.30
08/31/2021	17:46:09	78795.41	394724.79	38.86	Soil	11,040	-0.33
08/31/2021	17:46:10	78795.41	394724.79	38.82	Soil	10,620	-0.62
08/31/2021	17:46:11	78795.39	394724.75	38.87	Soil	10,140	-0.96
08/31/2021	17:46:12	78795.46	394724.79	38.86	Soil	11,700	0.13
08/31/2021	17:46:13	78795.37	394724.64	38.95	Soil	10,680	-0.58
08/31/2021	17:46:14	78795.36	394724.53	39.09	Soil	9,420	-1.47
08/31/2021	17:46:15	78795.32	394724.40	39.12	Soil	9,840	-1.17
08/31/2021	17:46:16	78795.24	394724.26	39.15	Soil	11,220	-0.20
08/31/2021	17:46:17	78795.29	394724.26	39.17	Soil	11,280	-0.16
08/31/2021	17:46:18	78795.31	394724.23	39.13	Soil	10,440	-0.75
08/31/2021	17:46:19	78795.36	394724.21	39.15	Soil	9,480	-1.42
08/31/2021	17:46:20	78795.37	394724.21	39.09	Soil	11,160	-0.25
08/31/2021	17:46:21	78795.37	394724.18	39.11	Soil	10,920	-0.41
08/31/2021	17:46:22	78795.43	394724.21	38.78	Soil	11,400	-0.08
08/31/2021	17:46:23	78795.39	394724.22	38.75	Soil	12,420	0.64
08/31/2021	17:46:24	78795.41	394724.16	38.77	Soil	10,320	-0.84
08/31/2021	17:46:25	78795.45	394724.16	38.75	Soil	10,500	-0.71
08/31/2021	17:46:26	78795.41	394724.28	38.71	Soil	10,920	-0.41
08/31/2021	17:46:27	78795.49	394724.50	38.65	Soil	10,200	-0.92
08/31/2021	17:46:28	78795.50	394724.56	38.60	Soil	10,380	-0.79
08/31/2021	17:46:29	78795.29	394724.31	38.55	Soil	10,680	-0.58
08/31/2021	17:46:30	78795.27	394724.30	38.60	Soil	10,260	-0.88
08/31/2021	17:46:31	78795.43	394724.54	38.52	Soil	10,440	-0.75
08/31/2021	17:46:32	78795.34	394724.44	38.40	Soil	10,800	-0.50
08/31/2021	17:46:33	78795.18	394724.36	38.45	Soil	10,140	-0.96
08/31/2021	17:46:34	78795.32	394724.55	38.46	Soil	12,180	0.47
08/31/2021	17:46:35	78795.28	394724.59	38.34	Soil	10,440	-0.75
08/31/2021	17:46:36	78795.10	394724.41	38.36	Soil	10,920	-0.41
08/31/2021	17:46:37	78795.20	394724.47	38.46	Soil	10,500	-0.71
08/31/2021	17:46:38	78795.24	394724.53	38.39	Soil	9,720	-1.26

SU 7D GWS RESULTS
(SOIL)

08/31/2021	17:46:39	78795.07	394724.39	38.40	Soil	12,240	0.51
08/31/2021	17:46:40	78795.11	394724.49	38.48	Soil	10,440	-0.75
08/31/2021	17:46:41	78795.10	394724.52	38.44	Soil	10,080	-1.00
08/31/2021	17:46:42	78794.93	394724.40	38.46	Soil	11,880	0.26
08/31/2021	17:46:43	78795.10	394724.44	38.54	Soil	10,800	-0.50
08/31/2021	17:46:44	78795.24	394724.47	38.49	Soil	12,540	0.72
08/31/2021	17:46:45	78794.99	394724.44	38.47	Soil	9,960	-1.09
08/31/2021	17:46:46	78794.88	394724.45	38.50	Soil	12,060	0.39
08/31/2021	17:46:47	78794.88	394724.53	38.51	Soil	10,680	-0.58
08/31/2021	17:46:48	78794.74	394724.50	38.50	Soil	9,540	-1.38
08/31/2021	17:46:49	78794.77	394724.52	38.54	Soil	9,540	-1.38
08/31/2021	17:46:50	78794.93	394724.55	38.54	Soil	8,700	-1.97
08/31/2021	17:46:51	78794.83	394724.48	38.51	Soil	10,380	-0.79
08/31/2021	17:46:52	78794.78	394724.53	38.55	Soil	10,800	-0.50
08/31/2021	17:46:53	78794.95	394724.61	38.54	Soil	10,740	-0.54
08/31/2021	17:46:54	78794.90	394724.48	38.51	Soil	11,580	0.05
08/31/2021	17:46:55	78794.81	394724.44	38.51	Soil	11,100	-0.29
08/31/2021	17:46:56	78794.97	394724.58	38.45	Soil	10,620	-0.62
08/31/2021	17:46:57	78795.04	394724.58	38.50	Soil	11,580	0.05
08/31/2021	17:46:58	78795.05	394724.54	38.48	Soil	12,300	0.55
08/31/2021	17:46:59	78795.04	394724.56	38.46	Soil	12,300	0.55
08/31/2021	17:47:00	78795.04	394724.55	38.45	Soil	11,880	0.26
08/31/2021	17:47:01	78795.03	394724.56	38.43	Soil	11,100	-0.29
08/31/2021	17:47:02	78795.02	394724.54	38.44	Soil	10,920	-0.41
08/31/2021	17:47:03	78794.98	394724.41	38.34	Soil	12,120	0.43
08/31/2021	17:47:04	78794.92	394724.18	38.21	Soil	10,680	-0.58
08/31/2021	17:47:05	78794.88	394724.08	38.28	Soil	10,260	-0.88
08/31/2021	17:47:06	78794.87	394724.15	38.27	Soil	9,900	-1.13
08/31/2021	17:47:07	78794.90	394724.07	38.25	Soil	11,340	-0.12
08/31/2021	17:47:08	78794.94	394724.06	38.20	Soil	10,920	-0.41
08/31/2021	17:47:09	78794.96	394724.04	38.12	Soil	12,600	0.76
08/31/2021	17:47:10	78794.97	394724.06	38.11	Soil	10,080	-1.00
08/31/2021	17:47:11	78794.93	394724.09	38.06	Soil	11,700	0.13
08/31/2021	17:47:12	78794.93	394724.07	38.03	Soil	11,400	-0.08
08/31/2021	17:47:13	78794.90	394724.07	38.01	Soil	11,040	-0.33
08/31/2021	17:47:14	78794.87	394724.12	38.08	Soil	11,640	0.09
08/31/2021	17:47:15	78794.78	394724.16	38.03	Soil	10,020	-1.05
08/31/2021	17:47:16	78794.74	394724.12	38.02	Soil	13,740	1.56
08/31/2021	17:47:17	78794.74	394724.18	38.13	Soil	11,040	-0.33
08/31/2021	17:47:18	78794.69	394724.26	38.17	Soil	11,100	-0.29
08/31/2021	17:47:19	78794.65	394724.24	38.18	Soil	11,160	-0.25
08/31/2021	17:47:20	78794.58	394724.18	38.20	Soil	10,020	-1.05
08/31/2021	17:47:21	78794.55	394724.03	38.26	Soil	11,580	0.05
08/31/2021	17:47:22	78794.50	394723.81	38.31	Soil	11,400	-0.08
08/31/2021	17:47:23	78794.55	394723.67	38.38	Soil	11,040	-0.33
08/31/2021	17:47:24	78794.67	394723.63	38.42	Soil	9,720	-1.26
08/31/2021	17:47:25	78794.71	394723.64	38.43	Soil	9,180	-1.64
08/31/2021	17:47:26	78794.64	394723.67	38.48	Soil	10,980	-0.37
08/31/2021	17:47:27	78794.53	394723.72	38.47	Soil	10,800	-0.50
08/31/2021	17:47:28	78794.64	394723.67	38.52	Soil	11,820	0.22
08/31/2021	17:47:29	78794.76	394723.55	38.51	Soil	10,980	-0.37

SU 7D GWS RESULTS
(SOIL)

08/31/2021	17:47:30	78794.51	394723.57	38.50	Soil	12,240	0.51
08/31/2021	17:47:31	78794.55	394723.63	38.55	Soil	11,460	-0.04
08/31/2021	17:47:32	78794.76	394723.69	38.52	Soil	10,680	-0.58
08/31/2021	17:47:33	78794.59	394723.62	38.51	Soil	10,200	-0.92
08/31/2021	17:47:34	78794.49	394723.53	38.53	Soil	10,560	-0.67
08/31/2021	17:47:35	78794.68	394723.55	38.55	Soil	12,060	0.39
08/31/2021	17:47:36	78794.66	394723.51	38.49	Soil	11,100	-0.29
08/31/2021	17:47:37	78794.65	394723.51	38.49	Soil	10,860	-0.46
08/31/2021	17:47:38	78794.84	394723.60	38.56	Soil	10,920	-0.41
08/31/2021	17:47:39	78794.96	394723.63	38.52	Soil	11,460	-0.04
08/31/2021	17:47:40	78794.99	394723.59	38.48	Soil	11,640	0.09
08/31/2021	17:47:41	78794.92	394723.57	38.46	Soil	10,980	-0.37
08/31/2021	17:47:42	78795.00	394723.60	38.39	Soil	11,580	0.05
08/31/2021	17:47:43	78795.11	394723.66	38.36	Soil	10,140	-0.96
08/31/2021	17:47:44	78795.04	394723.64	38.40	Soil	12,900	0.98
08/31/2021	17:47:45	78795.03	394723.59	38.38	Soil	10,320	-0.84
08/31/2021	17:47:46	78795.16	394723.67	38.33	Soil	10,980	-0.37
08/31/2021	17:47:47	78795.24	394723.75	38.32	Soil	10,380	-0.79
08/31/2021	17:47:48	78795.11	394723.63	38.32	Soil	9,720	-1.26
08/31/2021	17:47:49	78795.10	394723.76	38.25	Soil	11,340	-0.12
08/31/2021	17:47:50	78795.13	394724.03	38.17	Soil	11,220	-0.20
08/31/2021	17:47:51	78795.06	394724.01	38.18	Soil	9,600	-1.34
08/31/2021	17:47:52	78794.93	394723.86	38.17	Soil	9,840	-1.17
08/31/2021	17:47:53	78794.94	394723.85	38.20	Soil	11,220	-0.20
08/31/2021	17:47:54	78795.07	394724.08	38.02	Soil	10,980	-0.37
08/31/2021	17:47:55	78795.03	394724.17	38.02	Soil	11,400	-0.08
08/31/2021	17:47:56	78794.81	394723.93	38.07	Soil	10,980	-0.37
08/31/2021	17:47:57	78794.73	394723.72	38.09	Soil	10,440	-0.75
08/31/2021	17:47:58	78794.74	394723.73	38.10	Soil	10,500	-0.71
08/31/2021	17:47:59	78794.59	394723.66	38.16	Soil	11,520	0.01
08/31/2021	17:48:00	78794.64	394723.66	38.20	Soil	9,780	-1.21
08/31/2021	17:48:01	78794.87	394723.62	38.30	Soil	10,680	-0.58
08/31/2021	17:48:02	78794.98	394723.55	38.32	Soil	10,680	-0.58
08/31/2021	17:48:03	78795.09	394723.61	38.29	Soil	10,260	-0.88
08/31/2021	17:48:04	78795.17	394723.64	38.34	Soil	13,080	1.10
08/31/2021	17:48:05	78795.14	394723.45	38.32	Soil	11,460	-0.04
08/31/2021	17:48:06	78795.12	394723.47	38.32	Soil	11,940	0.30
08/31/2021	17:48:07	78795.16	394723.64	38.29	Soil	11,160	-0.25
08/31/2021	17:48:08	78795.12	394723.53	38.27	Soil	10,740	-0.54
08/31/2021	17:48:09	78795.02	394723.43	38.32	Soil	11,520	0.01
08/31/2021	17:48:10	78795.07	394723.63	38.30	Soil	9,780	-1.21
08/31/2021	17:48:11	78795.10	394723.61	38.27	Soil	11,160	-0.25
08/31/2021	17:48:12	78795.03	394723.38	38.23	Soil	10,260	-0.88
08/31/2021	17:48:13	78795.05	394723.40	38.23	Soil	11,220	-0.20
08/31/2021	17:48:14	78795.00	394723.39	38.26	Soil	11,220	-0.20
08/31/2021	17:48:15	78794.89	394723.49	38.31	Soil	12,540	0.72
08/31/2021	17:48:16	78794.98	394723.63	38.31	Soil	10,320	-0.84
08/31/2021	17:48:17	78795.22	394723.52	38.32	Soil	10,440	-0.75
08/31/2021	17:48:18	78795.13	394723.50	38.30	Soil	9,480	-1.42
08/31/2021	17:48:19	78795.04	394723.54	38.34	Soil	10,620	-0.62
08/31/2021	17:48:20	78795.27	394723.42	38.40	Soil	10,860	-0.46

SU 7D GWS RESULTS
(SOIL)

08/31/2021	17:48:21	78795.50	394723.27	38.43	Soil	12,240	0.51
08/31/2021	17:48:22	78795.66	394723.19	38.45	Soil	10,440	-0.75
08/31/2021	17:48:23	78795.57	394723.20	38.41	Soil	11,100	-0.29
08/31/2021	17:48:24	78795.60	394723.13	38.54	Soil	10,380	-0.79
08/31/2021	17:48:25	78795.69	394722.98	38.49	Soil	10,740	-0.54
08/31/2021	17:48:26	78795.57	394723.02	38.39	Soil	11,700	0.13
08/31/2021	17:48:27	78795.57	394723.00	38.48	Soil	11,160	-0.25
08/31/2021	17:48:28	78795.65	394722.83	38.51	Soil	10,380	-0.79
08/31/2021	17:48:29	78795.56	394722.76	38.54	Soil	11,820	0.22
08/31/2021	17:48:30	78795.69	394722.79	38.58	Soil	10,620	-0.62
08/31/2021	17:48:31	78795.75	394722.70	38.54	Soil	10,920	-0.41
08/31/2021	17:48:32	78795.51	394722.48	38.48	Soil	10,500	-0.71
08/31/2021	17:48:33	78795.41	394722.57	38.49	Soil	10,980	-0.37
08/31/2021	17:48:34	78795.37	394722.64	38.54	Soil	10,860	-0.46
08/31/2021	17:48:35	78795.31	394722.50	38.61	Soil	10,440	-0.75
08/31/2021	17:48:36	78795.48	394722.64	38.63	Soil	11,220	-0.20
08/31/2021	17:48:37	78795.57	394722.83	38.60	Soil	11,160	-0.25
08/31/2021	17:48:38	78795.43	394722.59	38.62	Soil	9,660	-1.30
08/31/2021	17:48:39	78795.44	394722.50	38.67	Soil	12,060	0.39
08/31/2021	17:48:40	78795.66	394722.80	38.68	Soil	12,120	0.43
08/31/2021	17:48:41	78795.81	394722.98	38.71	Soil	10,260	-0.88
08/31/2021	17:48:42	78795.71	394722.79	38.78	Soil	9,660	-1.30
08/31/2021	17:48:43	78795.59	394722.50	38.81	Soil	12,540	0.72
08/31/2021	17:48:44	78795.60	394722.60	38.78	Soil	10,200	-0.92
08/31/2021	17:48:45	78795.61	394722.79	38.82	Soil	12,180	0.47
08/31/2021	17:48:46	78795.62	394722.77	38.87	Soil	12,180	0.47
08/31/2021	17:48:47	78795.79	394722.97	38.82	Soil	11,100	-0.29
08/31/2021	17:48:48	78795.86	394723.24	38.80	Soil	10,620	-0.62
08/31/2021	17:48:49	78795.61	394723.41	38.74	Soil	10,260	-0.88
08/31/2021	17:48:50	78795.44	394723.45	38.74	Soil	11,760	0.18
08/31/2021	17:48:51	78795.49	394723.40	38.75	Soil	9,720	-1.26
08/31/2021	17:48:52	78795.49	394723.42	38.76	Soil	10,320	-0.84
08/31/2021	17:48:53	78795.46	394723.44	38.77	Soil	11,400	-0.08
08/31/2021	17:48:54	78795.43	394723.45	38.78	Soil	12,240	0.51
08/31/2021	17:48:55	78795.43	394723.44	38.79	Soil	11,100	-0.29
08/31/2021	17:48:56	78795.42	394723.44	38.81	Soil	10,320	-0.84
08/31/2021	17:48:57	78795.42	394723.44	38.81	Soil	11,160	-0.25
08/31/2021	17:48:58	78795.36	394723.47	38.76	Soil	9,060	-1.72
08/31/2021	17:48:59	78794.99	394723.57	38.68	Soil	11,760	0.18
08/31/2021	17:49:00	78794.41	394723.74	38.68	Soil	12,060	0.39
08/31/2021	17:49:01	78794.13	394723.89	38.69	Soil	10,440	-0.75
08/31/2021	17:49:02	78794.24	394723.91	38.70	Soil	9,960	-1.09
08/31/2021	17:49:03	78794.20	394723.93	38.71	Soil	11,160	-0.25
08/31/2021	17:49:04	78794.29	394723.87	38.75	Soil	11,520	0.01
08/31/2021	17:49:05	78794.64	394723.78	38.78	Soil	10,860	-0.46
08/31/2021	17:49:06	78794.95	394723.58	38.73	Soil	11,400	-0.08
08/31/2021	17:49:07	78794.96	394723.37	38.78	Soil	10,620	-0.62
08/31/2021	17:49:08	78795.04	394723.49	38.74	Soil	9,300	-1.55
08/31/2021	17:49:09	78795.01	394723.51	38.84	Soil	12,120	0.43
08/31/2021	17:49:10	78794.84	394723.21	38.84	Soil	11,760	0.18
08/31/2021	17:49:11	78794.84	394723.22	38.79	Soil	12,780	0.89

SU 7D GWS RESULTS
(SOIL)

08/31/2021	17:49:12	78795.00	394723.58	38.83	Soil	11,880	0.26
08/31/2021	17:49:13	78794.91	394723.49	38.78	Soil	12,060	0.39
08/31/2021	17:49:14	78794.68	394723.18	38.76	Soil	11,460	-0.04
08/31/2021	17:49:15	78794.83	394723.37	38.76	Soil	11,100	-0.29
08/31/2021	17:49:16	78794.93	394723.52	38.71	Soil	10,680	-0.58
08/31/2021	17:49:17	78794.71	394723.18	38.69	Soil	11,640	0.09
08/31/2021	17:49:18	78794.68	394723.06	38.69	Soil	11,280	-0.16
08/31/2021	17:49:19	78794.80	394723.27	38.76	Soil	10,500	-0.71
08/31/2021	17:49:20	78794.82	394723.44	38.64	Soil	11,820	0.22
08/31/2021	17:49:21	78794.84	394723.63	38.46	Soil	10,980	-0.37
08/31/2021	17:49:22	78794.78	394723.61	38.46	Soil	11,160	-0.25
08/31/2021	17:49:23	78794.68	394723.48	38.54	Soil	11,760	0.18
08/31/2021	17:49:24	78794.57	394723.31	38.71	Soil	11,400	-0.08
08/31/2021	17:49:25	78794.58	394723.11	38.67	Soil	11,880	0.26
08/31/2021	17:49:26	78794.69	394723.06	38.66	Soil	10,620	-0.62
08/31/2021	17:49:27	78794.73	394723.11	38.64	Soil	11,400	-0.08
08/31/2021	17:49:28	78794.75	394723.19	38.67	Soil	11,220	-0.20
08/31/2021	17:49:29	78794.73	394723.32	38.70	Soil	10,800	-0.50
08/31/2021	17:49:30	78794.76	394723.53	38.58	Soil	12,600	0.76
08/31/2021	17:49:31	78794.75	394723.70	38.53	Soil	11,040	-0.33
08/31/2021	17:49:32	78794.68	394723.67	38.56	Soil	10,800	-0.50
08/31/2021	17:49:33	78794.66	394723.70	38.57	Soil	12,840	0.93
08/31/2021	17:49:34	78794.57	394723.83	38.55	Soil	11,640	0.09
08/31/2021	17:49:35	78794.52	394723.79	38.47	Soil	10,260	-0.88
08/31/2021	17:49:36	78794.60	394723.73	38.39	Soil	9,900	-1.13
08/31/2021	17:49:37	78794.53	394723.89	38.37	Soil	10,560	-0.67
08/31/2021	17:49:38	78794.53	394723.90	38.36	Soil	10,440	-0.75
08/31/2021	17:49:39	78794.59	394723.82	38.35	Soil	10,500	-0.71
08/31/2021	17:49:40	78794.47	394723.89	38.33	Soil	10,680	-0.58
08/31/2021	17:49:41	78794.33	394724.00	38.17	Soil	10,020	-1.05
08/31/2021	17:49:42	78794.29	394724.00	38.16	Soil	11,280	-0.16
08/31/2021	17:49:43	78794.32	394723.93	38.14	Soil	10,740	-0.54
08/31/2021	17:49:44	78794.24	394723.95	38.19	Soil	10,800	-0.50
08/31/2021	17:49:45	78794.25	394724.06	38.13	Soil	10,920	-0.41
08/31/2021	17:49:46	78794.23	394724.15	38.06	Soil	10,980	-0.37
08/31/2021	17:49:47	78794.18	394724.00	38.12	Soil	12,720	0.85
08/31/2021	17:49:48	78794.21	394723.87	38.13	Soil	10,800	-0.50
08/31/2021	17:49:49	78794.24	394723.79	38.15	Soil	9,180	-1.64
08/31/2021	17:49:50	78794.15	394723.75	38.14	Soil	10,980	-0.37
08/31/2021	17:49:51	78794.25	394723.63	38.31	Soil	10,680	-0.58
08/31/2021	17:49:52	78794.32	394723.67	38.32	Soil	9,540	-1.38
08/31/2021	17:49:53	78794.27	394723.74	38.30	Soil	12,240	0.51
08/31/2021	17:49:54	78794.24	394723.63	38.32	Soil	10,560	-0.67
08/31/2021	17:49:55	78794.28	394723.62	38.35	Soil	9,840	-1.17
08/31/2021	17:49:56	78794.24	394723.70	38.32	Soil	10,380	-0.79
08/31/2021	17:49:57	78794.12	394723.66	38.33	Soil	12,000	0.34
08/31/2021	17:49:58	78794.12	394723.64	38.33	Soil	10,860	-0.46
08/31/2021	17:49:59	78794.14	394723.71	38.34	Soil	11,040	-0.33
08/31/2021	17:50:00	78793.86	394723.72	38.33	Soil	10,620	-0.62
08/31/2021	17:50:01	78793.75	394723.72	38.34	Soil	11,880	0.26
08/31/2021	17:50:02	78793.98	394723.72	38.32	Soil	10,620	-0.62

SU 7D GWS RESULTS
(SOIL)

08/31/2021	17:50:03	78794.07	394723.63	38.30	Soil	11,460	-0.04
08/31/2021	17:50:04	78794.18	394723.56	38.29	Soil	11,160	-0.25
08/31/2021	17:50:05	78794.52	394723.49	38.25	Soil	10,680	-0.58
08/31/2021	17:50:06	78794.71	394723.39	38.24	Soil	10,860	-0.46
08/31/2021	17:50:07	78794.69	394723.39	38.23	Soil	12,720	0.85
08/31/2021	17:50:08	78794.69	394723.38	38.24	Soil	10,620	-0.62
08/31/2021	17:50:09	78794.68	394723.37	38.40	Soil	11,400	-0.08
08/31/2021	17:50:10	78794.72	394723.38	38.72	Soil	11,040	-0.33
08/31/2021	17:50:11	78794.74	394723.47	38.71	Soil	12,960	1.02
08/31/2021	17:50:12	78794.56	394723.57	38.86	Soil	10,200	-0.92
08/31/2021	17:50:13	78794.47	394723.56	38.93	Soil	12,120	0.43
08/31/2021	17:50:14	78794.55	394723.54	39.00	Soil	10,740	-0.54
08/31/2021	17:50:15	78794.56	394723.50	38.99	Soil	11,340	-0.12
08/31/2021	17:50:16	78794.60	394723.59	38.97	Soil	9,660	-1.30
08/31/2021	17:50:17	78794.66	394723.71	38.93	Soil	10,260	-0.88
08/31/2021	17:50:18	78794.64	394723.74	38.89	Soil	11,280	-0.16
08/31/2021	17:50:19	78794.71	394723.89	38.85	Soil	11,940	0.30
08/31/2021	17:50:20	78794.73	394723.95	38.78	Soil	11,280	-0.16
08/31/2021	17:50:21	78794.77	394724.04	38.72	Soil	12,300	0.55
08/31/2021	17:50:22	78794.81	394724.17	38.66	Soil	10,740	-0.54
08/31/2021	17:50:23	78794.78	394724.12	38.59	Soil	9,600	-1.34
08/31/2021	17:50:24	78795.01	394724.12	38.57	Soil	10,140	-0.96
08/31/2021	17:50:25	78795.36	394724.12	38.59	Soil	9,960	-1.09
08/31/2021	17:50:26	78795.45	394724.03	38.62	Soil	11,100	-0.29
08/31/2021	17:50:27	78795.50	394723.97	38.65	Soil	11,460	-0.04
08/31/2021	17:50:28	78795.50	394723.93	38.64	Soil	11,100	-0.29
08/31/2021	17:50:29	78795.38	394724.01	38.58	Soil	10,440	-0.75
08/31/2021	17:50:30	78795.28	394724.01	38.73	Soil	9,840	-1.17
08/31/2021	17:50:31	78795.32	394723.98	38.71	Soil	10,500	-0.71
08/31/2021	17:50:32	78795.11	394724.14	38.49	Soil	8,880	-1.85
08/31/2021	17:50:33	78794.92	394724.27	38.55	Soil	9,900	-1.13
08/31/2021	17:50:34	78795.13	394724.18	38.66	Soil	10,680	-0.58
08/31/2021	17:50:35	78795.26	394724.09	38.65	Soil	11,940	0.30
08/31/2021	17:50:36	78795.17	394724.05	38.84	Soil	10,320	-0.84
08/31/2021	17:50:37	78795.46	394723.99	38.85	Soil	11,220	-0.20
08/31/2021	17:50:38	78795.50	394724.02	38.73	Soil	9,120	-1.68
08/31/2021	17:50:39	78795.17	394724.09	38.70	Soil	10,800	-0.50
08/31/2021	17:50:40	78795.35	394724.11	38.78	Soil	9,780	-1.21
08/31/2021	17:50:41	78795.59	394724.08	38.72	Soil	10,260	-0.88
08/31/2021	17:50:42	78795.37	394723.99	38.72	Soil	9,000	-1.76
08/31/2021	17:50:43	78795.47	394723.85	38.85	Soil	12,420	0.64
08/31/2021	17:50:44	78795.71	394723.74	38.77	Soil	9,060	-1.72
08/31/2021	17:50:45	78795.58	394723.63	38.78	Soil	11,760	0.18
08/31/2021	17:50:46	78795.69	394723.60	38.83	Soil	10,080	-1.00
08/31/2021	17:50:47	78795.77	394723.64	38.71	Soil	10,980	-0.37
08/31/2021	17:50:48	78795.58	394723.67	38.77	Soil	9,720	-1.26
08/31/2021	17:50:49	78795.68	394723.66	38.72	Soil	11,640	0.09
08/31/2021	17:50:50	78795.78	394723.68	38.70	Soil	10,020	-1.05
08/31/2021	17:50:51	78795.58	394723.74	38.77	Soil	10,260	-0.88
08/31/2021	17:50:52	78795.65	394723.76	38.78	Soil	10,440	-0.75
08/31/2021	17:50:53	78795.80	394723.74	38.71	Soil	12,540	0.72

SU 7D GWS RESULTS
(SOIL)

08/31/2021	17:50:54	78795.68	394723.81	38.61	Soil	10,500	-0.71
08/31/2021	17:50:55	78795.77	394724.04	38.60	Soil	12,120	0.43
08/31/2021	17:50:56	78795.73	394724.16	38.50	Soil	11,400	-0.08
08/31/2021	17:50:57	78795.42	394724.21	38.53	Soil	9,000	-1.76
08/31/2021	17:50:58	78795.45	394724.31	38.59	Soil	10,140	-0.96
08/31/2021	17:50:59	78795.80	394724.40	38.48	Soil	9,960	-1.09
08/31/2021	17:51:00	78795.56	394724.36	38.48	Soil	9,900	-1.13
08/31/2021	17:51:01	78795.34	394724.31	38.49	Soil	8,940	-1.80
08/31/2021	17:51:02	78795.72	394724.40	38.42	Soil	11,700	0.13
08/31/2021	17:51:03	78795.68	394724.29	38.36	Soil	10,020	-1.05
08/31/2021	17:51:04	78795.54	394724.04	38.47	Soil	10,740	-0.54
08/31/2021	17:51:05	78795.62	394724.00	38.42	Soil	10,080	-1.00
08/31/2021	17:51:06	78795.41	394724.08	38.37	Soil	9,840	-1.17
08/31/2021	17:51:07	78795.24	394724.22	38.36	Soil	11,340	-0.12
08/31/2021	17:51:08	78795.53	394724.41	38.31	Soil	10,020	-1.05
08/31/2021	17:51:09	78795.69	394724.37	38.18	Soil	12,000	0.34
08/31/2021	17:51:10	78795.56	394724.21	38.19	Soil	12,840	0.93
08/31/2021	17:51:11	78795.43	394724.09	38.19	Soil	10,680	-0.58
08/31/2021	17:51:12	78795.26	394723.94	38.16	Soil	9,240	-1.59
08/31/2021	17:51:13	78795.35	394724.08	38.31	Soil	11,880	0.26
08/31/2021	17:51:14	78795.33	394724.10	38.41	Soil	10,260	-0.88
08/31/2021	17:51:15	78795.20	394724.07	38.30	Soil	9,840	-1.17
08/31/2021	17:51:16	78795.33	394724.12	38.30	Soil	11,640	0.09
08/31/2021	17:51:17	78795.45	394723.99	38.24	Soil	10,860	-0.46
08/31/2021	17:51:18	78795.39	394724.00	38.27	Soil	10,740	-0.54
08/31/2021	17:51:19	78795.53	394723.93	38.28	Soil	11,040	-0.33
08/31/2021	17:51:20	78795.52	394723.91	38.52	Soil	11,520	0.01
08/31/2021	17:51:21	78795.90	394723.83	38.63	Soil	10,260	-0.88
08/31/2021	17:51:22	78796.25	394723.70	38.75	Soil	11,940	0.30
08/31/2021	17:51:23	78796.33	394723.69	38.67	Soil	11,580	0.05
08/31/2021	17:51:24	78796.41	394723.50	38.44	Soil	9,840	-1.17
08/31/2021	17:51:25	78796.48	394723.28	38.38	Soil	10,260	-0.88
08/31/2021	17:51:26	78796.49	394723.30	38.36	Soil	9,720	-1.26
08/31/2021	17:51:27	78796.46	394723.28	38.32	Soil	12,540	0.72
08/31/2021	17:51:28	78796.46	394723.27	38.33	Soil	9,900	-1.13
08/31/2021	17:51:29	78796.46	394723.31	38.44	Soil	10,320	-0.84
08/31/2021	17:51:30	78796.42	394723.49	38.59	Soil	12,120	0.43
08/31/2021	17:51:31	78796.37	394723.61	38.84	Soil	10,560	-0.67
08/31/2021	17:51:32	78796.62	394723.54	38.86	Soil	10,680	-0.58
08/31/2021	17:51:33	78796.70	394723.50	38.90	Soil	9,780	-1.21
08/31/2021	17:51:34	78796.69	394723.55	38.94	Soil	10,800	-0.50
08/31/2021	17:51:35	78796.72	394723.51	38.91	Soil	10,800	-0.50
08/31/2021	17:51:36	78796.58	394723.50	38.91	Soil	9,720	-1.26
08/31/2021	17:51:37	78796.27	394723.62	38.72	Soil	10,500	-0.71
08/31/2021	17:51:38	78796.24	394723.67	38.75	Soil	11,040	-0.33
08/31/2021	17:51:39	78796.31	394723.83	38.82	Soil	11,400	-0.08
08/31/2021	17:51:40	78796.34	394723.97	38.82	Soil	9,720	-1.26
08/31/2021	17:51:41	78796.35	394723.79	38.82	Soil	10,740	-0.54
08/31/2021	17:51:42	78796.30	394723.64	38.80	Soil	10,680	-0.58
08/31/2021	17:51:43	78796.40	394723.88	38.83	Soil	11,460	-0.04
08/31/2021	17:51:44	78796.35	394723.90	38.81	Soil	11,100	-0.29

SU 7D GWS RESULTS
(SOIL)

08/31/2021	17:51:45	78796.18	394723.73	38.89	Soil	9,240	-1.59
08/31/2021	17:51:46	78796.27	394723.96	38.91	Soil	9,600	-1.34
08/31/2021	17:51:47	78796.25	394724.02	38.79	Soil	10,500	-0.71
08/31/2021	17:51:48	78796.05	394723.82	38.81	Soil	11,100	-0.29
08/31/2021	17:51:49	78796.13	394723.93	38.88	Soil	11,880	0.26
08/31/2021	17:51:50	78796.23	394724.12	38.84	Soil	10,500	-0.71
08/31/2021	17:51:51	78796.06	394723.94	38.83	Soil	10,500	-0.71
08/31/2021	17:51:52	78795.91	394723.84	38.84	Soil	9,540	-1.38
08/31/2021	17:51:53	78796.09	394724.10	38.84	Soil	10,320	-0.84
08/31/2021	17:51:54	78796.17	394724.27	38.80	Soil	11,280	-0.16
08/31/2021	17:51:55	78795.89	394724.19	38.74	Soil	11,340	-0.12
08/31/2021	17:51:56	78795.72	394724.11	38.73	Soil	9,180	-1.64
08/31/2021	17:51:57	78795.88	394724.28	38.68	Soil	9,240	-1.59
08/31/2021	17:51:58	78795.92	394724.22	38.73	Soil	9,960	-1.09
08/31/2021	17:51:59	78795.87	394724.05	38.76	Soil	10,320	-0.84
08/31/2021	17:52:00	78796.05	394724.05	38.79	Soil	11,460	-0.04
08/31/2021	17:52:01	78796.17	394723.99	38.82	Soil	9,840	-1.17
08/31/2021	17:52:02	78796.18	394723.90	38.86	Soil	11,580	0.05
08/31/2021	17:52:03	78796.33	394723.95	38.85	Soil	10,620	-0.62
08/31/2021	17:52:04	78796.36	394723.92	38.83	Soil	10,140	-0.96
08/31/2021	17:52:05	78796.41	394723.87	38.84	Soil	10,560	-0.67
08/31/2021	17:52:06	78796.43	394723.87	38.86	Soil	10,140	-0.96
08/31/2021	17:52:07	78796.49	394723.79	38.90	Soil	10,500	-0.71
08/31/2021	17:52:08	78796.45	394723.78	38.92	Soil	11,100	-0.29
08/31/2021	17:52:09	78796.49	394723.81	38.91	Soil	11,100	-0.29
08/31/2021	17:52:10	78796.56	394723.84	38.98	Soil	11,400	-0.08
08/31/2021	17:52:11	78796.70	394723.89	38.97	Soil	11,220	-0.20
08/31/2021	17:52:12	78796.81	394723.89	39.04	Soil	10,680	-0.58
08/31/2021	17:52:13	78796.72	394723.74	39.01	Soil	11,820	0.22
08/31/2021	17:52:14	78796.70	394723.79	39.01	Soil	11,100	-0.29
08/31/2021	17:52:15	78797.02	394723.81	39.02	Soil	10,440	-0.75
08/31/2021	17:52:16	78796.90	394723.50	39.06	Soil	11,700	0.13
08/31/2021	17:52:17	78796.78	394723.57	39.06	Soil	11,400	-0.08
08/31/2021	17:52:18	78796.80	394723.91	39.03	Soil	11,520	0.01
08/31/2021	17:52:19	78796.70	394723.90	39.03	Soil	9,180	-1.64
08/31/2021	17:52:20	78796.48	394723.78	39.05	Soil	9,960	-1.09
08/31/2021	17:52:21	78796.71	394723.96	38.96	Soil	10,860	-0.46
08/31/2021	17:52:22	78796.98	394723.99	38.96	Soil	9,900	-1.13
08/31/2021	17:52:23	78796.80	394723.83	38.93	Soil	9,300	-1.55
08/31/2021	17:52:24	78796.53	394723.74	38.91	Soil	11,520	0.01
08/31/2021	17:52:25	78796.48	394724.09	38.85	Soil	11,580	0.05
08/31/2021	17:52:26	78796.59	394724.15	38.79	Soil	10,020	-1.05
08/31/2021	17:52:27	78796.40	394723.86	38.65	Soil	10,440	-0.75
08/31/2021	17:52:28	78796.20	394723.91	38.67	Soil	10,920	-0.41
08/31/2021	17:52:29	78796.23	394723.99	38.69	Soil	11,700	0.13
08/31/2021	17:52:30	78796.51	394724.18	38.66	Soil	11,700	0.13
08/31/2021	17:52:31	78796.48	394724.11	38.71	Soil	11,040	-0.33
08/31/2021	17:52:32	78796.37	394723.98	38.73	Soil	11,220	-0.20
08/31/2021	17:52:33	78796.19	394723.92	38.73	Soil	10,380	-0.79
08/31/2021	17:52:34	78796.30	394723.92	38.75	Soil	11,280	-0.16
08/31/2021	17:52:35	78796.26	394723.87	38.69	Soil	10,500	-0.71

SU 7D GWS RESULTS
(SOIL)

08/31/2021	17:52:36	78795.96	394724.00	38.71	Soil	9,840	-1.17
08/31/2021	17:52:37	78795.89	394724.04	38.70	Soil	11,460	-0.04
08/31/2021	17:52:38	78796.03	394723.98	38.70	Soil	13,260	1.23
08/31/2021	17:52:39	78796.00	394723.98	38.73	Soil	10,980	-0.37
08/31/2021	17:52:40	78796.09	394723.95	38.72	Soil	10,440	-0.75
08/31/2021	17:52:41	78796.09	394723.90	38.73	Soil	9,600	-1.34
08/31/2021	17:52:42	78795.96	394724.00	38.72	Soil	10,680	-0.58
08/31/2021	17:52:43	78796.07	394723.93	38.74	Soil	11,640	0.09
08/31/2021	17:52:44	78796.04	394723.95	38.76	Soil	10,440	-0.75
08/31/2021	17:52:45	78795.97	394723.98	38.79	Soil	11,160	-0.25
08/31/2021	17:52:46	78796.07	394723.91	38.79	Soil	10,860	-0.46
08/31/2021	17:52:47	78796.04	394723.91	38.81	Soil	11,100	-0.29
08/31/2021	17:52:48	78796.01	394723.93	38.81	Soil	10,260	-0.88
08/31/2021	17:52:49	78796.03	394723.91	38.82	Soil	10,980	-0.37
08/31/2021	17:52:50	78796.00	394723.92	38.82	Soil	10,080	-1.00
08/31/2021	17:52:51	78796.01	394723.90	38.83	Soil	12,360	0.60
08/31/2021	17:52:52	78795.98	394723.91	38.84	Soil	11,280	-0.16
08/31/2021	17:52:53	78795.99	394723.89	38.88	Soil	7,800	-2.60
08/31/2021	17:52:54	78795.98	394723.89	38.89	Soil	10,560	-0.67
08/31/2021	17:52:55	78795.98	394723.88	38.91	Soil	11,820	0.22
08/31/2021	17:52:56	78795.97	394723.87	38.92	Soil	8,700	-1.97
08/31/2021	17:52:57	78795.97	394723.86	38.93	Soil	11,820	0.22
08/31/2021	17:52:58	78795.95	394723.85	38.96	Soil	10,020	-1.05
08/31/2021	17:52:59	78795.93	394723.79	39.09	Soil	11,040	-0.33
08/31/2021	17:53:00	78795.85	394723.66	39.20	Soil	10,080	-1.00
08/31/2021	17:53:01	78795.80	394723.53	39.32	Soil	10,200	-0.92
08/31/2021	17:53:02	78795.71	394723.39	39.41	Soil	8,940	-1.80
08/31/2021	17:53:03	78795.67	394723.32	39.35	Soil	11,340	-0.12
08/31/2021	17:53:04	78795.65	394723.35	39.35	Soil	11,520	0.01
08/31/2021	17:53:05	78795.66	394723.36	39.30	Soil	10,140	-0.96
08/31/2021	17:53:06	78795.69	394723.41	39.25	Soil	11,820	0.22
08/31/2021	17:53:07	78795.73	394723.47	39.27	Soil	10,320	-0.84
08/31/2021	17:53:08	78795.71	394723.48	39.30	Soil	12,960	1.02
08/31/2021	17:53:09	78795.75	394723.44	39.32	Soil	10,020	-1.05
08/31/2021	17:53:10	78795.88	394723.35	39.33	Soil	11,880	0.26
08/31/2021	17:53:11	78795.99	394723.26	39.30	Soil	10,440	-0.75
08/31/2021	17:53:12	78795.82	394723.36	39.28	Soil	10,080	-1.00
08/31/2021	17:53:13	78796.02	394723.34	39.16	Soil	11,460	-0.04
08/31/2021	17:53:14	78796.14	394723.39	39.17	Soil	12,480	0.68
08/31/2021	17:53:15	78796.03	394723.38	39.19	Soil	10,560	-0.67
08/31/2021	17:53:16	78795.81	394723.47	39.17	Soil	10,440	-0.75
08/31/2021	17:53:17	78795.53	394723.60	38.93	Soil	11,880	0.26
08/31/2021	17:53:18	78795.45	394723.64	39.00	Soil	11,940	0.30
08/31/2021	17:53:19	78795.73	394723.47	39.05	Soil	11,460	-0.04
08/31/2021	17:53:20	78795.75	394723.39	38.98	Soil	11,640	0.09
08/31/2021	17:53:21	78795.51	394723.53	38.91	Soil	11,580	0.05
08/31/2021	17:53:22	78795.35	394723.66	38.96	Soil	8,880	-1.85
08/31/2021	17:53:23	78795.57	394723.86	38.88	Soil	10,080	-1.00
08/31/2021	17:53:24	78795.57	394723.72	38.82	Soil	10,680	-0.58
08/31/2021	17:53:25	78795.41	394723.58	38.91	Soil	11,700	0.13
08/31/2021	17:53:26	78795.47	394723.62	38.91	Soil	10,800	-0.50

SU 7D GWS RESULTS
(SOIL)

08/31/2021	17:53:27	78795.57	394723.77	38.89	Soil	11,340	-0.12
08/31/2021	17:53:28	78795.78	394723.86	38.86	Soil	11,220	-0.20
08/31/2021	17:53:29	78795.79	394723.76	38.83	Soil	10,320	-0.84
08/31/2021	17:53:30	78795.64	394723.58	38.86	Soil	11,460	-0.04
08/31/2021	17:53:31	78795.76	394723.75	38.87	Soil	10,620	-0.62
08/31/2021	17:53:32	78795.96	394723.82	38.87	Soil	10,620	-0.62
08/31/2021	17:53:33	78795.89	394723.52	38.88	Soil	10,140	-0.96
08/31/2021	17:53:34	78795.81	394723.50	38.90	Soil	10,560	-0.67
08/31/2021	17:53:35	78795.91	394723.79	38.95	Soil	11,760	0.18
08/31/2021	17:53:36	78796.05	394723.78	38.98	Soil	10,560	-0.67
08/31/2021	17:53:37	78796.00	394723.53	38.96	Soil	10,560	-0.67
08/31/2021	17:53:38	78795.93	394723.29	39.04	Soil	11,520	0.01
08/31/2021	17:53:39	78796.03	394723.38	39.06	Soil	10,560	-0.67
08/31/2021	17:53:40	78796.31	394723.59	39.02	Soil	10,140	-0.96
08/31/2021	17:53:41	78796.44	394723.64	39.00	Soil	11,160	-0.25
08/31/2021	17:53:42	78796.29	394723.49	38.98	Soil	9,900	-1.13
08/31/2021	17:53:43	78796.16	394723.32	38.94	Soil	10,800	-0.50
08/31/2021	17:53:44	78796.19	394723.39	38.94	Soil	10,680	-0.58
08/31/2021	17:53:45	78796.42	394723.63	38.85	Soil	11,340	-0.12
08/31/2021	17:53:46	78796.41	394723.56	38.80	Soil	10,500	-0.71
08/31/2021	17:53:47	78796.30	394723.35	38.76	Soil	11,040	-0.33
08/31/2021	17:53:48	78796.13	394723.35	38.81	Soil	10,920	-0.41
08/31/2021	17:53:49	78796.11	394723.60	38.79	Soil	11,340	-0.12
08/31/2021	17:53:50	78796.16	394723.68	38.72	Soil	10,560	-0.67
08/31/2021	17:53:51	78795.97	394723.47	38.71	Soil	11,580	0.05
08/31/2021	17:53:52	78796.05	394723.36	38.74	Soil	9,780	-1.21
08/31/2021	17:53:53	78796.31	394723.50	38.71	Soil	11,580	0.05
08/31/2021	17:53:54	78796.35	394723.56	38.68	Soil	10,320	-0.84
08/31/2021	17:53:55	78796.34	394723.42	38.64	Soil	11,760	0.18
08/31/2021	17:53:56	78796.43	394723.29	38.85	Soil	11,400	-0.08
08/31/2021	17:53:57	78796.47	394723.21	38.82	Soil	10,260	-0.88
08/31/2021	17:53:58	78796.56	394723.19	38.79	Soil	10,020	-1.05
08/31/2021	17:53:59	78796.53	394723.26	38.86	Soil	9,960	-1.09
08/31/2021	17:54:00	78796.49	394723.17	38.77	Soil	10,680	-0.58
08/31/2021	17:54:01	78796.53	394723.27	38.83	Soil	10,980	-0.37
08/31/2021	17:54:02	78796.76	394723.43	38.76	Soil	12,060	0.39
08/31/2021	17:54:03	78796.92	394723.33	38.78	Soil	9,780	-1.21
08/31/2021	17:54:04	78796.76	394723.08	38.79	Soil	9,900	-1.13
08/31/2021	17:54:05	78796.60	394723.02	38.73	Soil	11,100	-0.29
08/31/2021	17:54:06	78796.46	394723.32	38.67	Soil	10,800	-0.50
08/31/2021	17:54:07	78796.47	394723.43	38.68	Soil	10,080	-1.00
08/31/2021	17:54:08	78796.41	394723.23	38.60	Soil	11,100	-0.29
08/31/2021	17:54:09	78796.22	394723.16	38.59	Soil	10,080	-1.00
08/31/2021	17:54:10	78796.21	394723.32	38.54	Soil	11,760	0.18
08/31/2021	17:54:11	78796.34	394723.48	38.50	Soil	10,440	-0.75
08/31/2021	17:54:12	78796.27	394723.42	38.52	Soil	10,500	-0.71
08/31/2021	17:54:13	78796.07	394723.29	38.53	Soil	10,860	-0.46
08/31/2021	17:54:14	78795.84	394723.26	38.54	Soil	9,840	-1.17
08/31/2021	17:54:15	78795.81	394723.42	38.56	Soil	11,100	-0.29
08/31/2021	17:54:16	78796.11	394723.61	38.58	Soil	10,620	-0.62
08/31/2021	17:54:17	78796.29	394723.74	38.56	Soil	11,160	-0.25

SU 7D GWS RESULTS
(SOIL)

08/31/2021	17:54:18	78796.18	394723.63	38.58	Soil	11,400	-0.08
08/31/2021	17:54:19	78796.03	394723.48	38.54	Soil	10,440	-0.75
08/31/2021	17:54:20	78795.72	394723.38	38.44	Soil	10,320	-0.84
08/31/2021	17:54:21	78795.54	394723.38	38.47	Soil	11,400	-0.08
08/31/2021	17:54:22	78795.69	394723.54	38.59	Soil	11,880	0.26
08/31/2021	17:54:23	78795.87	394723.83	38.57	Soil	13,560	1.44
08/31/2021	17:54:24	78795.61	394723.57	38.47	Soil	10,260	-0.88
08/31/2021	17:54:25	78795.29	394723.47	38.41	Soil	10,140	-0.96
08/31/2021	17:54:26	78795.32	394723.62	38.51	Soil	12,000	0.34
08/31/2021	17:54:27	78795.45	394723.65	38.62	Soil	9,540	-1.38
08/31/2021	17:54:28	78795.54	394723.84	38.60	Soil	10,740	-0.54
08/31/2021	17:54:29	78795.52	394723.73	38.52	Soil	10,080	-1.00
08/31/2021	17:54:30	78795.34	394723.46	38.47	Soil	10,320	-0.84
08/31/2021	17:54:31	78795.34	394723.28	38.61	Soil	10,800	-0.50
08/31/2021	17:54:32	78795.34	394723.35	38.63	Soil	10,680	-0.58
08/31/2021	17:54:33	78795.47	394723.42	38.63	Soil	10,620	-0.62
08/31/2021	17:54:34	78795.41	394723.42	38.68	Soil	9,360	-1.51
08/31/2021	17:54:35	78795.41	394723.41	38.71	Soil	12,120	0.43
08/31/2021	17:54:36	78795.38	394723.40	38.73	Soil	10,800	-0.50
08/31/2021	17:54:37	78795.39	394723.42	38.73	Soil	11,220	-0.20
08/31/2021	17:54:38	78795.45	394723.41	38.75	Soil	12,300	0.55
08/31/2021	17:54:39	78795.44	394723.41	38.81	Soil	10,800	-0.50
08/31/2021	17:54:40	78795.46	394723.42	38.83	Soil	9,720	-1.26
08/31/2021	17:54:41	78795.45	394723.41	38.86	Soil	9,900	-1.13
08/31/2021	17:54:42	78795.31	394723.49	38.96	Soil	11,040	-0.33
08/31/2021	17:54:43	78795.13	394723.59	38.99	Soil	10,620	-0.62
08/31/2021	17:54:44	78795.09	394723.60	39.01	Soil	11,760	0.18
08/31/2021	17:54:45	78794.94	394723.67	39.06	Soil	10,740	-0.54
08/31/2021	17:54:46	78794.66	394723.78	39.09	Soil	10,560	-0.67
08/31/2021	17:54:47	78794.76	394723.75	39.10	Soil	10,500	-0.71
08/31/2021	17:54:48	78794.86	394723.70	39.13	Soil	10,560	-0.67
08/31/2021	17:54:49	78794.76	394723.75	39.14	Soil	10,500	-0.71
08/31/2021	17:54:50	78794.80	394723.74	39.16	Soil	10,740	-0.54
08/31/2021	17:54:51	78794.88	394723.69	39.18	Soil	11,340	-0.12
08/31/2021	17:54:52	78794.84	394723.73	39.02	Soil	10,620	-0.62
08/31/2021	17:54:53	78795.00	394723.69	39.01	Soil	11,100	-0.29
08/31/2021	17:54:54	78795.12	394723.69	39.02	Soil	9,600	-1.34
08/31/2021	17:54:55	78795.08	394723.69	39.09	Soil	10,920	-0.41
08/31/2021	17:54:56	78795.03	394723.69	39.09	Soil	10,800	-0.50
08/31/2021	17:54:57	78795.22	394723.61	39.15	Soil	11,700	0.13
08/31/2021	17:54:58	78795.19	394723.66	39.13	Soil	10,680	-0.58
08/31/2021	17:54:59	78794.92	394723.73	39.19	Soil	10,020	-1.05
08/31/2021	17:55:00	78795.12	394723.89	39.21	Soil	10,800	-0.50
08/31/2021	17:55:01	78795.38	394723.99	39.13	Soil	10,560	-0.67
08/31/2021	17:55:02	78794.90	394723.75	39.08	Soil	9,300	-1.55
08/31/2021	17:55:03	78794.83	394723.73	39.13	Soil	10,440	-0.75
08/31/2021	17:55:04	78795.16	394723.90	38.94	Soil	12,240	0.51
08/31/2021	17:55:05	78794.94	394723.76	38.88	Soil	11,280	-0.16
08/31/2021	17:55:06	78794.97	394723.71	38.94	Soil	10,680	-0.58
08/31/2021	17:55:07	78795.16	394723.87	39.06	Soil	11,160	-0.25
08/31/2021	17:55:08	78795.05	394723.77	39.09	Soil	10,380	-0.79

SU 7D GWS RESULTS
(SOIL)

08/31/2021	17:55:09	78795.05	394723.73	39.24	Soil	10,260	-0.88
08/31/2021	17:55:10	78795.11	394723.74	39.35	Soil	9,180	-1.64
08/31/2021	17:55:11	78794.91	394723.44	39.43	Soil	9,600	-1.34
08/31/2021	17:55:12	78794.87	394723.32	39.60	Soil	13,020	1.06
08/31/2021	17:55:13	78794.96	394723.30	39.59	Soil	11,280	-0.16
08/31/2021	17:55:14	78794.82	394723.14	39.42	Soil	10,440	-0.75
08/31/2021	17:55:15	78794.80	394723.30	39.23	Soil	11,940	0.30
08/31/2021	17:55:16	78794.77	394723.49	39.25	Soil	10,380	-0.79
08/31/2021	17:55:17	78794.89	394723.42	39.35	Soil	10,740	-0.54
08/31/2021	17:55:18	78795.28	394723.19	39.40	Soil	11,160	-0.25
08/31/2021	17:55:19	78795.29	394723.32	39.29	Soil	11,040	-0.33
08/31/2021	17:55:20	78794.88	394723.36	39.32	Soil	10,680	-0.58
08/31/2021	17:55:21	78794.69	394723.33	39.42	Soil	11,160	-0.25
08/31/2021	17:55:22	78795.03	394723.27	39.47	Soil	10,080	-1.00
08/31/2021	17:55:23	78795.58	394723.07	39.37	Soil	10,320	-0.84
08/31/2021	17:55:24	78795.09	394723.27	39.39	Soil	10,080	-1.00
08/31/2021	17:55:25	78794.76	394723.42	39.38	Soil	11,100	-0.29
08/31/2021	17:55:26	78795.16	394723.21	39.40	Soil	10,320	-0.84
08/31/2021	17:55:27	78795.27	394723.18	39.44	Soil	10,680	-0.58
08/31/2021	17:55:28	78795.08	394723.23	39.47	Soil	10,260	-0.88
08/31/2021	17:55:29	78795.44	394723.03	39.46	Soil	11,100	-0.29
08/31/2021	17:55:30	78795.49	394722.94	39.51	Soil	10,140	-0.96
08/31/2021	17:55:31	78795.32	394723.02	39.50	Soil	10,020	-1.05
08/31/2021	17:55:32	78795.41	394723.12	39.51	Soil	11,040	-0.33
08/31/2021	17:55:33	78795.51	394723.19	39.50	Soil	11,760	0.18
08/31/2021	17:55:34	78795.32	394722.92	39.49	Soil	11,160	-0.25
08/31/2021	17:55:35	78795.44	394722.92	39.41	Soil	11,160	-0.25
08/31/2021	17:55:36	78795.75	394723.22	39.41	Soil	11,040	-0.33
08/31/2021	17:55:37	78795.64	394723.09	39.43	Soil	10,560	-0.67
08/31/2021	17:55:38	78795.44	394722.92	39.49	Soil	12,240	0.51
08/31/2021	17:55:39	78795.55	394722.94	39.49	Soil	11,460	-0.04
08/31/2021	17:55:40	78795.74	394723.04	39.49	Soil	10,020	-1.05
08/31/2021	17:55:41	78795.54	394722.89	39.48	Soil	10,680	-0.58
08/31/2021	17:55:42	78795.48	394722.88	39.53	Soil	11,040	-0.33
08/31/2021	17:55:43	78795.70	394723.02	39.50	Soil	10,800	-0.50
08/31/2021	17:55:44	78795.65	394722.99	39.51	Soil	11,340	-0.12
08/31/2021	17:55:45	78795.36	394722.94	39.47	Soil	10,740	-0.54
08/31/2021	17:55:46	78795.22	394723.01	39.50	Soil	10,500	-0.71
08/31/2021	17:55:47	78795.46	394723.04	39.49	Soil	10,620	-0.62
08/31/2021	17:55:48	78795.40	394723.03	39.48	Soil	10,800	-0.50
08/31/2021	17:55:49	78795.24	394722.95	39.52	Soil	11,460	-0.04
08/31/2021	17:55:50	78795.48	394722.92	39.50	Soil	9,240	-1.59
08/31/2021	17:55:51	78795.39	394722.96	39.51	Soil	11,760	0.18
08/31/2021	17:55:52	78795.22	394722.99	39.52	Soil	12,000	0.34
08/31/2021	17:55:53	78795.40	394722.92	39.51	Soil	11,760	0.18
08/31/2021	17:55:54	78795.23	394722.99	39.51	Soil	10,980	-0.37
08/31/2021	17:55:55	78795.05	394723.10	39.49	Soil	11,880	0.26
08/31/2021	17:55:56	78795.26	394723.07	39.50	Soil	10,920	-0.41
08/31/2021	17:55:57	78795.17	394723.12	39.56	Soil	11,280	-0.16
08/31/2021	17:55:58	78795.00	394723.10	39.62	Soil	11,160	-0.25
08/31/2021	17:55:59	78795.31	394722.98	39.62	Soil	10,440	-0.75

SU 7D GWS RESULTS
(SOIL)

08/31/2021	17:56:00	78795.39	394723.01	39.60	Soil	11,400	-0.08
08/31/2021	17:56:01	78795.05	394723.17	39.61	Soil	11,340	-0.12
08/31/2021	17:56:02	78795.00	394723.15	39.64	Soil	9,840	-1.17
08/31/2021	17:56:03	78795.32	394722.99	39.68	Soil	10,500	-0.71
08/31/2021	17:56:04	78795.23	394722.99	39.70	Soil	10,320	-0.84
08/31/2021	17:56:05	78795.06	394723.07	39.82	Soil	11,040	-0.33
08/31/2021	17:56:06	78795.33	394722.99	39.81	Soil	10,440	-0.75
08/31/2021	17:56:07	78795.29	394722.99	39.87	Soil	11,580	0.05
08/31/2021	17:56:08	78795.03	394723.04	39.91	Soil	11,400	-0.08
08/31/2021	17:56:09	78795.09	394722.81	40.02	Soil	11,160	-0.25
08/31/2021	17:56:10	78795.13	394722.56	40.05	Soil	11,820	0.22
08/31/2021	17:56:11	78794.91	394722.58	39.91	Soil	11,220	-0.20
08/31/2021	17:56:12	78794.98	394722.61	39.70	Soil	10,920	-0.41
08/31/2021	17:56:13	78795.21	394722.55	39.68	Soil	11,220	-0.20
08/31/2021	17:56:14	78795.16	394722.60	39.67	Soil	12,540	0.72
08/31/2021	17:56:15	78794.90	394722.81	39.67	Soil	12,180	0.47
08/31/2021	17:56:16	78795.01	394722.86	39.67	Soil	11,940	0.30
08/31/2021	17:56:17	78795.51	394722.65	39.61	Soil	12,120	0.43
08/31/2021	17:56:18	78795.29	394722.70	39.55	Soil	11,580	0.05
08/31/2021	17:56:19	78794.79	394722.82	39.45	Soil	10,800	-0.50
08/31/2021	17:56:20	78794.91	394722.75	39.44	Soil	12,360	0.60
08/31/2021	17:56:21	78795.08	394722.75	39.37	Soil	11,700	0.13
08/31/2021	17:56:22	78794.94	394722.74	39.39	Soil	10,440	-0.75
08/31/2021	17:56:23	78794.88	394722.74	39.42	Soil	11,880	0.26
08/31/2021	17:56:24	78795.11	394722.92	39.40	Soil	11,940	0.30
08/31/2021	17:56:25	78795.04	394722.86	39.33	Soil	12,120	0.43
08/31/2021	17:56:26	78794.79	394722.74	39.35	Soil	10,860	-0.46
08/31/2021	17:56:27	78794.87	394722.93	39.32	Soil	9,780	-1.21
08/31/2021	17:56:28	78794.90	394723.03	39.28	Soil	10,320	-0.84
08/31/2021	17:56:29	78794.66	394722.70	39.24	Soil	10,500	-0.71
08/31/2021	17:56:30	78794.58	394722.69	39.27	Soil	12,300	0.55
08/31/2021	17:56:31	78794.80	394723.02	39.27	Soil	11,760	0.18
08/31/2021	17:56:32	78794.78	394722.92	39.20	Soil	10,380	-0.79
08/31/2021	17:56:33	78794.52	394722.61	39.14	Soil	11,040	-0.33
08/31/2021	17:56:34	78794.57	394722.74	39.18	Soil	11,280	-0.16
08/31/2021	17:56:35	78794.65	394722.91	39.16	Soil	11,280	-0.16
08/31/2021	17:56:36	78794.63	394723.02	39.16	Soil	12,660	0.81
08/31/2021	17:56:37	78794.75	394723.17	39.16	Soil	10,260	-0.88
08/31/2021	17:56:38	78794.69	394723.02	39.20	Soil	11,700	0.13
08/31/2021	17:56:39	78794.49	394722.78	39.32	Soil	13,260	1.23
08/31/2021	17:56:40	78794.61	394722.67	39.35	Soil	11,400	-0.08
08/31/2021	17:56:41	78794.80	394722.77	39.33	Soil	12,360	0.60
08/31/2021	17:56:42	78794.58	394722.76	39.33	Soil	8,520	-2.10
08/31/2021	17:56:43	78794.56	394722.71	39.37	Soil	11,220	-0.20
08/31/2021	17:56:44	78795.01	394722.67	39.39	Soil	10,140	-0.96
08/31/2021	17:56:45	78795.41	394722.49	39.34	Soil	11,280	-0.16
08/31/2021	17:56:46	78795.48	394722.45	39.33	Soil	11,220	-0.20
08/31/2021	17:56:47	78795.66	394722.33	39.29	Soil	11,580	0.05
08/31/2021	17:56:48	78795.78	394722.25	39.26	Soil	10,680	-0.58
08/31/2021	17:56:49	78795.80	394722.25	39.35	Soil	10,440	-0.75
08/31/2021	17:56:50	78795.75	394722.34	39.32	Soil	11,640	0.09

SU 7D GWS RESULTS
(SOIL)

08/31/2021	17:56:51	78795.84	394722.19	39.26	Soil	11,820	0.22
08/31/2021	17:56:52	78795.85	394722.16	39.28	Soil	10,260	-0.88
08/31/2021	17:56:53	78795.81	394722.19	39.28	Soil	10,800	-0.50
08/31/2021	17:56:54	78795.82	394722.20	39.30	Soil	11,820	0.22
08/31/2021	17:56:55	78795.83	394722.21	39.39	Soil	11,160	-0.25
08/31/2021	17:56:56	78795.88	394722.16	39.46	Soil	10,740	-0.54
08/31/2021	17:56:57	78796.03	394722.00	39.46	Soil	10,320	-0.84
08/31/2021	17:56:58	78796.26	394721.88	39.48	Soil	11,220	-0.20
08/31/2021	17:56:59	78796.29	394721.86	39.43	Soil	10,080	-1.00
08/31/2021	17:57:00	78796.35	394721.90	39.33	Soil	10,800	-0.50
08/31/2021	17:57:01	78796.42	394721.77	39.27	Soil	11,340	-0.12
08/31/2021	17:57:02	78796.43	394721.75	39.18	Soil	9,360	-1.51
08/31/2021	17:57:03	78796.45	394721.75	39.18	Soil	12,180	0.47
08/31/2021	17:57:04	78796.38	394721.78	39.31	Soil	10,080	-1.00
08/31/2021	17:57:05	78796.31	394721.85	39.47	Soil	9,960	-1.09
08/31/2021	17:57:06	78796.57	394721.84	39.59	Soil	12,180	0.47
08/31/2021	17:57:07	78796.72	394721.75	39.53	Soil	11,280	-0.16
08/31/2021	17:57:08	78796.46	394721.84	39.42	Soil	11,520	0.01
08/31/2021	17:57:09	78796.21	394721.97	39.45	Soil	9,900	-1.13
08/31/2021	17:57:10	78796.34	394722.04	39.49	Soil	12,720	0.85
08/31/2021	17:57:11	78796.62	394721.99	39.45	Soil	11,520	0.01
08/31/2021	17:57:12	78796.47	394722.05	39.37	Soil	11,580	0.05
08/31/2021	17:57:13	78796.21	394722.06	39.36	Soil	11,520	0.01
08/31/2021	17:57:14	78796.19	394722.15	39.37	Soil	12,420	0.64
08/31/2021	17:57:15	78796.22	394722.30	39.29	Soil	10,860	-0.46
08/31/2021	17:57:16	78796.00	394722.32	39.31	Soil	12,180	0.47
08/31/2021	17:57:17	78795.89	394722.26	39.39	Soil	10,380	-0.79
08/31/2021	17:57:18	78796.08	394722.43	39.29	Soil	11,040	-0.33
08/31/2021	17:57:19	78796.21	394722.54	39.24	Soil	11,640	0.09
08/31/2021	17:57:20	78795.99	394722.40	39.17	Soil	11,100	-0.29
08/31/2021	17:57:21	78795.70	394722.30	39.19	Soil	11,340	-0.12
08/31/2021	17:57:22	78795.72	394722.47	39.25	Soil	10,680	-0.58
08/31/2021	17:57:23	78796.00	394722.56	39.15	Soil	11,280	-0.16
08/31/2021	17:57:24	78796.07	394722.32	39.06	Soil	13,860	1.65
08/31/2021	17:57:25	78796.18	394722.56	39.02	Soil	10,140	-0.96
08/31/2021	17:57:26	78796.21	394722.57	39.02	Soil	10,920	-0.41
08/31/2021	17:57:27	78796.18	394722.39	38.97	Soil	12,180	0.47
08/31/2021	17:57:28	78796.47	394722.34	39.02	Soil	10,560	-0.67
08/31/2021	17:57:29	78796.65	394722.47	39.04	Soil	11,820	0.22
08/31/2021	17:57:30	78796.67	394722.39	39.00	Soil	11,640	0.09
08/31/2021	17:57:31	78796.45	394722.29	38.93	Soil	10,320	-0.84
08/31/2021	17:57:32	78796.24	394722.37	38.94	Soil	11,640	0.09
08/31/2021	17:57:33	78796.25	394722.56	38.95	Soil	11,580	0.05
08/31/2021	17:57:34	78796.54	394722.64	38.90	Soil	10,680	-0.58
08/31/2021	17:57:35	78796.43	394722.42	38.89	Soil	10,500	-0.71
08/31/2021	17:57:36	78796.26	394722.41	38.91	Soil	11,760	0.18
08/31/2021	17:57:37	78796.00	394722.56	38.92	Soil	11,400	-0.08
08/31/2021	17:57:38	78796.11	394722.82	38.86	Soil	11,040	-0.33
08/31/2021	17:57:39	78796.03	394722.74	38.86	Soil	9,780	-1.21
08/31/2021	17:57:40	78795.84	394722.35	38.89	Soil	10,680	-0.58
08/31/2021	17:57:41	78796.14	394722.23	38.91	Soil	11,460	-0.04

SU 7D GWS RESULTS
(SOIL)

08/31/2021	17:57:42	78796.23	394722.37	38.88	Soil	11,760	0.18
08/31/2021	17:57:43	78795.93	394722.41	38.91	Soil	14,280	1.94
08/31/2021	17:57:44	78795.86	394722.30	39.01	Soil	11,100	-0.29
08/31/2021	17:57:45	78795.93	394722.29	39.05	Soil	11,700	0.13
08/31/2021	17:57:46	78795.86	394722.23	39.10	Soil	10,560	-0.67
08/31/2021	17:57:47	78796.09	394722.17	39.08	Soil	10,740	-0.54
08/31/2021	17:57:48	78796.12	394722.14	39.13	Soil	11,160	-0.25
08/31/2021	17:57:49	78795.82	394722.21	39.19	Soil	10,380	-0.79
08/31/2021	17:57:50	78795.92	394722.22	39.20	Soil	10,200	-0.92
08/31/2021	17:57:51	78795.94	394722.33	39.22	Soil	12,300	0.55
08/31/2021	17:57:52	78795.70	394722.38	39.21	Soil	10,740	-0.54
08/31/2021	17:57:53	78795.40	394722.52	39.15	Soil	11,520	0.01
08/31/2021	17:57:54	78795.61	394722.36	39.20	Soil	11,220	-0.20
08/31/2021	17:57:55	78795.62	394722.44	39.25	Soil	10,440	-0.75
08/31/2021	17:57:56	78795.61	394722.45	39.39	Soil	11,640	0.09
08/31/2021	17:57:57	78795.72	394722.27	39.45	Soil	12,000	0.34
08/31/2021	17:57:58	78795.74	394722.32	39.48	Soil	11,100	-0.29
08/31/2021	17:57:59	78795.74	394722.33	39.47	Soil	12,300	0.55
08/31/2021	17:58:00	78795.69	394722.24	39.52	Soil	11,280	-0.16
08/31/2021	17:58:01	78795.69	394722.26	39.47	Soil	10,080	-1.00
08/31/2021	17:58:02	78795.71	394722.23	39.29	Soil	10,260	-0.88
08/31/2021	17:58:03	78795.77	394722.04	39.12	Soil	10,320	-0.84
08/31/2021	17:58:04	78796.05	394721.75	38.82	Soil	10,980	-0.37
08/31/2021	17:58:05	78796.29	394721.70	38.79	Soil	12,060	0.39
08/31/2021	17:58:06	78796.28	394721.70	38.78	Soil	12,120	0.43
08/31/2021	17:58:07	78796.27	394721.70	38.76	Soil	10,440	-0.75
08/31/2021	17:58:08	78796.26	394721.71	38.75	Soil	10,680	-0.58
08/31/2021	17:58:09	78796.26	394721.71	38.75	Soil	11,520	0.01
08/31/2021	17:58:10	78796.21	394721.72	39.02	Soil	10,140	-0.96
08/31/2021	17:58:11	78795.89	394721.80	39.38	Soil	10,560	-0.67
08/31/2021	17:58:12	78795.48	394722.08	39.47	Soil	10,680	-0.58
08/31/2021	17:58:13	78795.43	394722.11	39.36	Soil	10,260	-0.88
08/31/2021	17:58:14	78795.28	394722.16	39.40	Soil	11,100	-0.29
08/31/2021	17:58:15	78795.48	394722.12	39.38	Soil	10,320	-0.84
08/31/2021	17:58:16	78795.60	394722.02	39.38	Soil	10,140	-0.96
08/31/2021	17:58:17	78795.36	394722.18	39.35	Soil	11,400	-0.08
08/31/2021	17:58:18	78795.24	394722.25	39.39	Soil	11,580	0.05
08/31/2021	17:58:19	78795.58	394722.08	39.38	Soil	12,120	0.43
08/31/2021	17:58:20	78795.53	394722.11	39.35	Soil	12,360	0.60
08/31/2021	17:58:21	78795.17	394722.28	39.41	Soil	11,760	0.18
08/31/2021	17:58:22	78795.35	394722.13	39.47	Soil	10,620	-0.62
08/31/2021	17:58:23	78795.67	394722.04	39.46	Soil	10,500	-0.71
08/31/2021	17:58:24	78795.42	394722.22	39.35	Soil	9,600	-1.34
08/31/2021	17:58:25	78795.62	394722.03	39.36	Soil	10,680	-0.58
08/31/2021	17:58:26	78795.80	394721.97	39.39	Soil	8,400	-2.18
08/31/2021	17:58:27	78795.50	394722.23	39.42	Soil	9,000	-1.76
08/31/2021	17:58:28	78795.58	394722.30	39.38	Soil	11,520	0.01
08/31/2021	17:58:29	78795.65	394722.12	39.31	Soil	11,280	-0.16
08/31/2021	17:58:30	78795.50	394722.20	39.37	Soil	11,580	0.05
08/31/2021	17:58:31	78795.61	394722.31	39.30	Soil	10,860	-0.46
08/31/2021	17:58:32	78795.60	394722.23	39.41	Soil	10,620	-0.62

SU 7D GWS RESULTS
(SOIL)

08/31/2021	17:58:33	78795.49	394722.28	39.47	Soil	11,940	0.30
08/31/2021	17:58:34	78795.62	394722.28	39.42	Soil	11,100	-0.29
08/31/2021	17:58:35	78795.53	394722.28	39.49	Soil	10,500	-0.71
08/31/2021	17:58:36	78795.59	394722.31	39.46	Soil	9,600	-1.34
08/31/2021	17:58:37	78795.57	394722.31	39.47	Soil	10,560	-0.67
08/31/2021	17:58:38	78795.55	394722.34	39.54	Soil	12,180	0.47
08/31/2021	17:58:39	78795.61	394722.38	39.75	Soil	10,380	-0.79
08/31/2021	17:58:40	78795.59	394722.41	39.97	Soil	11,040	-0.33
08/31/2021	17:58:41	78795.63	394722.48	40.10	Soil	11,700	0.13
08/31/2021	17:58:42	78795.63	394722.47	40.16	Soil	10,560	-0.67
08/31/2021	17:58:43	78795.60	394722.49	40.18	Soil	11,340	-0.12
08/31/2021	17:58:44	78795.64	394722.50	40.16	Soil	10,740	-0.54
08/31/2021	17:58:45	78795.62	394722.50	40.10	Soil	10,740	-0.54
08/31/2021	17:58:46	78795.68	394722.60	40.01	Soil	11,280	-0.16
08/31/2021	17:58:47	78795.75	394722.68	39.90	Soil	11,400	-0.08
08/31/2021	17:58:48	78795.79	394722.78	39.86	Soil	10,680	-0.58
08/31/2021	17:58:49	78795.84	394722.86	39.85	Soil	9,840	-1.17
08/31/2021	17:58:50	78795.81	394722.85	39.86	Soil	11,340	-0.12
08/31/2021	17:58:51	78795.78	394722.89	39.86	Soil	10,680	-0.58
08/31/2021	17:58:52	78795.83	394722.92	39.65	Soil	9,960	-1.09
08/31/2021	17:58:53	78795.81	394723.03	39.66	Soil	10,800	-0.50
08/31/2021	17:58:54	78795.88	394723.15	39.72	Soil	10,740	-0.54
08/31/2021	17:58:55	78796.29	394722.98	39.66	Soil	11,100	-0.29
08/31/2021	17:58:56	78796.01	394723.10	39.67	Soil	17,880	4.47
08/31/2021	17:58:57	78795.94	394723.19	39.70	Soil	12,060	0.39
08/31/2021	17:58:58	78796.36	394723.02	39.68	Soil	11,340	-0.12
08/31/2021	17:58:59	78796.38	394722.96	39.66	Soil	11,100	-0.29
08/31/2021	17:59:00	78796.16	394722.96	39.66	Soil	13,800	1.61
08/31/2021	17:59:01	78796.10	394723.06	39.71	Soil	10,380	-0.79
08/31/2021	17:59:02	78795.91	394723.11	39.71	Soil	9,420	-1.47
08/31/2021	17:59:03	78795.97	394723.02	39.77	Soil	11,520	0.01
08/31/2021	17:59:04	78796.32	394722.86	39.75	Soil	11,160	-0.25
08/31/2021	17:59:05	78796.21	394722.90	39.64	Soil	11,040	-0.33
08/31/2021	17:59:06	78796.03	394722.99	39.68	Soil	11,280	-0.16
08/31/2021	17:59:07	78796.23	394723.04	39.76	Soil	18,180	4.68
08/31/2021	17:59:08	78796.51	394723.08	39.71	Soil	11,760	0.18
08/31/2021	17:59:09	78796.32	394722.89	39.62	Soil	10,440	-0.75
08/31/2021	17:59:10	78796.11	394722.89	39.59	Soil	11,280	-0.16
08/31/2021	17:59:11	78796.27	394723.11	39.57	Soil	12,720	0.85
08/31/2021	17:59:12	78796.08	394723.01	39.57	Soil	16,380	3.42
08/31/2021	17:59:13	78795.93	394723.04	39.51	Soil	11,760	0.18
08/31/2021	17:59:14	78795.90	394723.11	39.54	Soil	11,580	0.05
08/31/2021	17:59:15	78795.76	394723.16	39.43	Soil	10,680	-0.58
08/31/2021	17:59:16	78795.72	394723.09	39.44	Soil	12,420	0.64
08/31/2021	17:59:17	78796.15	394723.03	39.42	Soil	10,740	-0.54
08/31/2021	17:59:18	78796.05	394723.02	39.39	Soil	11,100	-0.29
08/31/2021	17:59:19	78795.80	394723.00	39.33	Soil	10,860	-0.46
08/31/2021	17:59:20	78796.14	394722.93	39.29	Soil	11,700	0.13
08/31/2021	17:59:21	78796.07	394722.82	39.23	Soil	9,120	-1.68
08/31/2021	17:59:22	78795.96	394722.76	39.25	Soil	10,740	-0.54
08/31/2021	17:59:23	78796.26	394722.80	39.26	Soil	10,680	-0.58

SU 7D GWS RESULTS
(SOIL)

08/31/2021	17:59:24	78796.21	394722.71	39.17	Soil	11,460	-0.04
08/31/2021	17:59:25	78796.07	394722.57	39.27	Soil	11,460	-0.04
08/31/2021	17:59:26	78796.28	394722.65	39.29	Soil	9,780	-1.21
08/31/2021	17:59:27	78796.39	394722.61	39.21	Soil	12,180	0.47
08/31/2021	17:59:28	78796.26	394722.49	39.17	Soil	10,680	-0.58
08/31/2021	17:59:29	78796.09	394722.47	39.22	Soil	10,260	-0.88
08/31/2021	17:59:30	78796.38	394722.54	39.18	Soil	11,520	0.01
08/31/2021	17:59:31	78796.34	394722.56	39.16	Soil	12,180	0.47
08/31/2021	17:59:32	78796.20	394722.49	39.19	Soil	10,380	-0.79
08/31/2021	17:59:33	78796.16	394722.51	39.39	Soil	12,240	0.51
08/31/2021	17:59:34	78795.91	394722.64	39.63	Soil	11,460	-0.04
08/31/2021	17:59:35	78795.89	394722.60	39.71	Soil	11,520	0.01
08/31/2021	17:59:36	78795.87	394722.62	39.72	Soil	9,180	-1.64
08/31/2021	17:59:37	78795.84	394722.64	39.73	Soil	11,700	0.13
08/31/2021	17:59:38	78795.89	394722.61	39.78	Soil	10,500	-0.71
08/31/2021	17:59:39	78795.83	394722.66	40.04	Soil	12,300	0.55
08/31/2021	17:59:40	78795.93	394722.69	40.00	Soil	11,040	-0.33
08/31/2021	17:59:41	78795.87	394722.65	39.97	Soil	10,680	-0.58
08/31/2021	17:59:42	78795.90	394722.64	39.92	Soil	11,400	-0.08
08/31/2021	17:59:43	78795.89	394722.62	39.89	Soil	11,160	-0.25
08/31/2021	17:59:44	78795.89	394722.60	39.87	Soil	10,380	-0.79
08/31/2021	17:59:45	78795.90	394722.58	39.86	Soil	9,720	-1.26
08/31/2021	17:59:46	78795.91	394722.58	39.83	Soil	11,520	0.01
08/31/2021	17:59:47	78795.91	394722.58	39.81	Soil	11,640	0.09
08/31/2021	17:59:48	78795.91	394722.57	39.87	Soil	12,240	0.51
08/31/2021	17:59:49	78795.91	394722.56	40.01	Soil	13,020	1.06
08/31/2021	17:59:50	78795.90	394722.54	40.12	Soil	9,480	-1.42
08/31/2021	17:59:51	78795.88	394722.50	40.14	Soil	11,940	0.30
08/31/2021	17:59:52	78795.88	394722.49	40.12	Soil	11,580	0.05
08/31/2021	17:59:53	78795.88	394722.49	40.11	Soil	11,700	0.13
08/31/2021	17:59:54	78795.89	394722.49	40.09	Soil	10,380	-0.79
08/31/2021	17:59:55	78795.90	394722.49	40.04	Soil	11,460	-0.04
08/31/2021	17:59:56	78795.94	394722.54	39.95	Soil	11,460	-0.04
08/31/2021	17:59:57	78796.01	394722.63	39.87	Soil	10,800	-0.50
08/31/2021	17:59:58	78796.07	394722.72	39.78	Soil	10,980	-0.37
08/31/2021	17:59:59	78796.14	394722.81	39.67	Soil	11,520	0.01
08/31/2021	18:00:00	78796.21	394722.91	39.58	Soil	10,560	-0.67
08/31/2021	18:00:01	78796.29	394722.99	39.50	Soil	10,980	-0.37
08/31/2021	18:00:02	78796.34	394723.08	39.48	Soil	11,640	0.09
08/31/2021	18:00:03	78796.36	394723.09	39.47	Soil	9,840	-1.17
08/31/2021	18:00:04	78796.37	394723.09	39.47	Soil	11,100	-0.29
08/31/2021	18:00:05	78796.37	394723.08	39.40	Soil	11,580	0.05
08/31/2021	18:00:06	78796.35	394723.10	39.27	Soil	11,040	-0.33
08/31/2021	18:00:07	78796.10	394723.33	39.24	Soil	10,200	-0.92
08/31/2021	18:00:08	78795.86	394723.48	39.23	Soil	10,080	-1.00
08/31/2021	18:00:09	78796.40	394723.25	39.18	Soil	11,280	-0.16
08/31/2021	18:00:10	78796.64	394723.12	39.29	Soil	10,260	-0.88
08/31/2021	18:00:11	78796.70	394723.08	39.39	Soil	9,780	-1.21
08/31/2021	18:00:12	78797.18	394722.90	39.36	Soil	9,660	-1.30
08/31/2021	18:00:13	78796.94	394722.88	39.38	Soil	8,100	-2.39
08/31/2021	18:00:14	78796.91	394722.84	39.33	Soil	9,240	-1.59

SU 7D GWS RESULTS
(SOIL)

08/31/2021	18:00:15	78797.00	394722.76	39.18	Soil	11,100	-0.29
08/31/2021	18:00:16	78796.89	394722.83	39.21	Soil	11,640	0.09
08/31/2021	18:00:17	78797.18	394722.94	39.12	Soil	11,460	-0.04
08/31/2021	18:00:18	78797.05	394722.82	39.11	Soil	9,780	-1.21
08/31/2021	18:00:19	78796.76	394722.92	39.16	Soil	8,940	-1.80
08/31/2021	18:00:20	78796.99	394723.01	39.22	Soil	10,740	-0.54
08/31/2021	18:00:21	78797.01	394722.85	39.07	Soil	10,980	-0.37
08/31/2021	18:00:22	78796.83	394722.70	39.04	Soil	10,560	-0.67
08/31/2021	18:00:23	78796.66	394722.84	38.89	Soil	9,000	-1.76
08/31/2021	18:00:24	78796.63	394723.10	38.87	Soil	10,860	-0.46
08/31/2021	18:00:25	78796.74	394723.08	38.78	Soil	10,500	-0.71
08/31/2021	18:00:26	78796.79	394722.96	38.79	Soil	11,220	-0.20
08/31/2021	18:00:27	78796.82	394722.95	38.84	Soil	11,580	0.05
08/31/2021	18:00:28	78796.75	394722.90	38.94	Soil	9,900	-1.13
08/31/2021	18:00:29	78796.61	394722.96	38.91	Soil	11,040	-0.33
08/31/2021	18:00:30	78796.71	394722.99	39.07	Soil	10,860	-0.46
08/31/2021	18:00:31	78796.42	394723.15	39.05	Soil	11,580	0.05
08/31/2021	18:00:32	78796.47	394723.17	39.19	Soil	12,660	0.81
08/31/2021	18:00:33	78796.70	394723.04	39.19	Soil	11,220	-0.20
08/31/2021	18:00:34	78796.35	394723.11	39.23	Soil	10,500	-0.71
08/31/2021	18:00:35	78796.30	394723.08	39.27	Soil	10,620	-0.62
08/31/2021	18:00:36	78796.57	394722.92	39.30	Soil	11,040	-0.33
08/31/2021	18:00:37	78796.24	394722.94	39.34	Soil	9,240	-1.59
08/31/2021	18:00:38	78796.37	394723.06	39.34	Soil	10,920	-0.41
08/31/2021	18:00:39	78796.56	394722.89	39.35	Soil	11,220	-0.20
08/31/2021	18:00:40	78796.48	394722.83	39.40	Soil	10,380	-0.79
08/31/2021	18:00:41	78796.46	394723.11	39.26	Soil	10,560	-0.67
08/31/2021	18:00:42	78796.36	394723.14	39.27	Soil	11,400	-0.08
08/31/2021	18:00:43	78796.40	394723.11	39.30	Soil	10,980	-0.37
08/31/2021	18:00:44	78796.39	394723.10	39.33	Soil	11,160	-0.25
08/31/2021	18:00:45	78796.41	394723.09	39.43	Soil	11,400	-0.08
08/31/2021	18:00:46	78796.46	394723.04	39.42	Soil	11,100	-0.29
08/31/2021	18:00:47	78796.51	394723.03	39.50	Soil	10,680	-0.58
08/31/2021	18:00:48	78796.50	394723.04	39.52	Soil	9,960	-1.09
08/31/2021	18:00:49	78796.38	394723.04	39.51	Soil	12,240	0.51
08/31/2021	18:00:50	78796.35	394723.02	39.59	Soil	10,080	-1.00
08/31/2021	18:00:51	78796.34	394722.97	39.61	Soil	13,080	1.10
08/31/2021	18:00:52	78796.31	394722.97	39.66	Soil	10,440	-0.75
08/31/2021	18:00:53	78796.34	394723.00	39.62	Soil	11,160	-0.25
08/31/2021	18:00:54	78796.33	394723.02	39.61	Soil	11,640	0.09
08/31/2021	18:00:55	78796.24	394723.06	39.61	Soil	10,920	-0.41
08/31/2021	18:00:56	78796.10	394723.30	39.53	Soil	10,380	-0.79
08/31/2021	18:00:57	78795.84	394723.52	39.55	Soil	12,300	0.55
08/31/2021	18:00:58	78795.67	394723.48	39.69	Soil	10,560	-0.67
08/31/2021	18:00:59	78796.14	394723.27	39.71	Soil	12,000	0.34
08/31/2021	18:01:00	78796.22	394723.23	39.62	Soil	11,460	-0.04
08/31/2021	18:01:01	78795.74	394723.46	39.52	Soil	11,100	-0.29
08/31/2021	18:01:02	78795.80	394723.39	39.67	Soil	12,600	0.76
08/31/2021	18:01:03	78796.21	394723.15	39.65	Soil	10,140	-0.96
08/31/2021	18:01:04	78796.12	394723.24	39.63	Soil	11,220	-0.20
08/31/2021	18:01:05	78796.06	394723.20	39.63	Soil	9,900	-1.13

SU 7D GWS RESULTS
(SOIL)

08/31/2021	18:01:06	78796.06	394723.20	39.63	Soil	11,040	-0.33
08/31/2021	18:01:07	78796.11	394723.20	39.62	Soil	10,500	-0.71
08/31/2021	18:01:08	78796.10	394723.20	39.83	Soil	11,280	-0.16
08/31/2021	18:01:09	78796.16	394723.13	39.88	Soil	9,960	-1.09
08/31/2021	18:01:10	78796.30	394723.01	39.90	Soil	11,340	-0.12
08/31/2021	18:01:11	78796.10	394723.14	39.93	Soil	12,060	0.39
08/31/2021	18:01:12	78796.15	394723.08	39.98	Soil	11,220	-0.20
08/31/2021	18:01:13	78796.28	394723.05	40.12	Soil	10,440	-0.75
08/31/2021	18:01:14	78796.05	394723.04	40.28	Soil	9,960	-1.09
08/31/2021	18:01:15	78796.12	394722.86	40.41	Soil	10,740	-0.54
08/31/2021	18:01:16	78796.01	394722.78	40.55	Soil	11,520	0.01
08/31/2021	18:01:17	78795.87	394722.68	40.58	Soil	10,500	-0.71
08/31/2021	18:01:18	78795.98	394722.61	40.61	Soil	11,160	-0.25
08/31/2021	18:01:19	78795.91	394722.67	40.63	Soil	11,340	-0.12
08/31/2021	18:01:20	78795.89	394722.65	40.65	Soil	12,480	0.68
08/31/2021	18:01:21	78795.98	394722.66	40.64	Soil	11,640	0.09
08/31/2021	18:01:22	78795.90	394722.64	40.66	Soil	10,380	-0.79
08/31/2021	18:01:23	78795.95	394722.66	40.66	Soil	10,260	-0.88
08/31/2021	18:01:24	78795.93	394722.64	40.65	Soil	11,460	-0.04
08/31/2021	18:01:25	78795.92	394722.64	40.66	Soil	11,640	0.09
08/31/2021	18:01:26	78795.95	394722.65	40.66	Soil	11,160	-0.25
08/31/2021	18:01:27	78795.91	394722.63	40.68	Soil	11,340	-0.12
08/31/2021	18:01:28	78795.96	394722.65	40.67	Soil	11,760	0.18
08/31/2021	18:01:29	78795.92	394722.63	40.69	Soil	10,680	-0.58
08/31/2021	18:01:30	78795.95	394722.66	40.70	Soil	11,940	0.30
08/31/2021	18:01:31	78795.94	394722.66	40.71	Soil	12,120	0.43
08/31/2021	18:01:32	78795.93	394722.66	40.73	Soil	10,320	-0.84
08/31/2021	18:01:33	78795.96	394722.68	40.73	Soil	10,440	-0.75
08/31/2021	18:01:34	78795.94	394722.67	40.83	Soil	10,860	-0.46
08/31/2021	18:01:35	78795.94	394722.65	40.94	Soil	11,220	-0.20
08/31/2021	18:01:36	78795.84	394722.49	41.05	Soil	12,540	0.72
08/31/2021	18:01:37	78795.78	394722.39	41.17	Soil	11,580	0.05
08/31/2021	18:01:38	78795.71	394722.28	41.32	Soil	10,380	-0.79
08/31/2021	18:01:39	78795.62	394722.16	41.43	Soil	10,500	-0.71
08/31/2021	18:01:40	78795.58	394722.07	41.50	Soil	12,060	0.39
08/31/2021	18:01:41	78795.45	394721.89	41.63	Soil	11,400	-0.08
08/31/2021	18:01:42	78795.41	394721.81	41.64	Soil	10,860	-0.46
08/31/2021	18:01:43	78795.34	394721.72	41.65	Soil	12,420	0.64
08/31/2021	18:01:44	78795.39	394721.76	41.55	Soil	11,820	0.22
08/31/2021	18:01:45	78795.34	394721.71	41.53	Soil	10,980	-0.37
08/31/2021	18:01:46	78795.36	394721.71	41.42	Soil	10,320	-0.84
08/31/2021	18:01:47	78795.36	394721.79	40.92	Soil	11,340	-0.12
08/31/2021	18:01:48	78795.21	394721.89	40.36	Soil	10,860	-0.46
08/31/2021	18:01:49	78795.23	394721.97	40.02	Soil	11,160	-0.25
08/31/2021	18:01:50	78795.35	394721.95	39.91	Soil	10,920	-0.41
08/31/2021	18:01:51	78795.43	394721.87	39.85	Soil	12,120	0.43
08/31/2021	18:01:52	78795.24	394721.87	39.83	Soil	10,920	-0.41
08/31/2021	18:01:53	78795.09	394721.80	39.87	Soil	11,040	-0.33
08/31/2021	18:01:54	78795.27	394721.87	39.83	Soil	11,040	-0.33
08/31/2021	18:01:55	78795.33	394721.88	39.73	Soil	11,940	0.30
08/31/2021	18:01:56	78795.05	394721.69	39.71	Soil	10,860	-0.46

SU 7D GWS RESULTS
(SOIL)

08/31/2021	18:01:57	78795.12	394721.70	39.68	Soil	10,860	-0.46
08/31/2021	18:01:58	78795.50	394721.97	39.57	Soil	12,120	0.43
08/31/2021	18:01:59	78795.42	394721.81	39.49	Soil	11,460	-0.04
08/31/2021	18:02:00	78795.13	394721.56	39.48	Soil	11,520	0.01
08/31/2021	18:02:01	78795.25	394721.67	39.48	Soil	12,360	0.60
08/31/2021	18:02:02	78795.59	394721.93	39.40	Soil	10,680	-0.58
08/31/2021	18:02:03	78795.48	394721.73	39.34	Soil	12,180	0.47
08/31/2021	18:02:04	78795.30	394721.43	39.33	Soil	10,260	-0.88
08/31/2021	18:02:05	78795.43	394721.58	39.36	Soil	11,340	-0.12
08/31/2021	18:02:06	78795.60	394721.78	39.30	Soil	12,660	0.81
08/31/2021	18:02:07	78795.58	394721.70	39.30	Soil	11,820	0.22
08/31/2021	18:02:08	78795.45	394721.45	39.27	Soil	11,160	-0.25
08/31/2021	18:02:09	78795.51	394721.60	39.33	Soil	12,420	0.64
08/31/2021	18:02:10	78795.66	394721.74	39.30	Soil	11,220	-0.20
08/31/2021	18:02:11	78795.53	394721.56	39.24	Soil	10,560	-0.67
08/31/2021	18:02:12	78795.26	394721.49	39.24	Soil	11,100	-0.29
08/31/2021	18:02:13	78795.40	394721.75	39.20	Soil	10,500	-0.71
08/31/2021	18:02:14	78795.43	394721.79	39.19	Soil	11,400	-0.08
08/31/2021	18:02:15	78795.17	394721.58	39.20	Soil	11,580	0.05
08/31/2021	18:02:16	78795.17	394721.62	39.21	Soil	10,800	-0.50
08/31/2021	18:02:17	78795.39	394721.95	39.16	Soil	12,660	0.81
08/31/2021	18:02:18	78795.28	394721.79	39.11	Soil	11,100	-0.29
08/31/2021	18:02:19	78795.08	394721.51	39.08	Soil	12,540	0.72
08/31/2021	18:02:20	78795.26	394721.70	39.15	Soil	10,980	-0.37
08/31/2021	18:02:21	78795.31	394721.70	39.20	Soil	11,940	0.30
08/31/2021	18:02:22	78795.25	394721.91	39.21	Soil	11,280	-0.16
08/31/2021	18:02:23	78795.23	394721.78	39.19	Soil	10,560	-0.67
08/31/2021	18:02:24	78795.14	394721.65	39.30	Soil	12,360	0.60
08/31/2021	18:02:25	78795.22	394721.97	39.21	Soil	9,840	-1.17
08/31/2021	18:02:26	78795.42	394722.00	39.06	Soil	10,260	-0.88
08/31/2021	18:02:27	78795.19	394721.65	39.08	Soil	10,440	-0.75
08/31/2021	18:02:28	78795.10	394721.55	39.16	Soil	9,480	-1.42
09/01/2021	14:24:14	78792.30	394735.98	40.30	Soil	9,120	-1.68
09/01/2021	14:24:15	78792.29	394735.97	40.28	Soil	11,160	-0.25
09/01/2021	14:24:16	78792.29	394735.99	40.23	Soil	9,960	-1.09
09/01/2021	14:24:17	78792.30	394736.00	40.17	Soil	11,640	0.09
09/01/2021	14:24:18	78792.30	394736.02	40.12	Soil	8,400	-2.18
09/01/2021	14:24:19	78792.31	394736.04	40.14	Soil	10,260	-0.88
09/01/2021	14:24:20	78792.29	394736.03	40.17	Soil	8,760	-1.93
09/01/2021	14:24:21	78792.28	394736.03	40.19	Soil	10,380	-0.79
09/01/2021	14:24:22	78792.28	394736.03	40.20	Soil	8,640	-2.01
09/01/2021	14:27:16	78793.10	394734.63	40.28	Soil	9,420	-1.47
09/01/2021	14:27:17	78793.11	394734.66	40.37	Soil	9,660	-1.30
09/01/2021	14:31:07	78789.12	394732.19	35.04	Soil	9,480	-1.42
09/01/2021	14:31:08	78789.28	394731.94	35.11	Soil	9,420	-1.47
09/01/2021	14:31:09	78789.21	394731.83	35.09	Soil	9,180	-1.64
09/01/2021	14:31:12	78789.22	394731.87	35.08	Soil	11,160	-0.25
09/01/2021	14:31:13	78789.28	394731.72	35.02	Soil	10,260	-0.88
09/01/2021	14:31:14	78789.18	394731.75	35.00	Soil	10,080	-1.00
09/01/2021	14:31:15	78789.19	394731.52	35.09	Soil	10,860	-0.46
09/01/2021	14:31:16	78789.19	394731.62	35.13	Soil	10,260	-0.88

SU 7D GWS RESULTS
(SOIL)

09/01/2021	14:31:17	78789.35	394731.76	35.14	Soil	10,080	-1.00
09/01/2021	14:31:18	78789.37	394731.73	35.07	Soil	8,820	-1.89
09/01/2021	14:31:19	78789.22	394731.61	35.06	Soil	10,320	-0.84
09/01/2021	14:31:20	78789.24	394731.62	35.10	Soil	11,820	0.22
09/01/2021	14:31:21	78789.29	394731.72	35.07	Soil	10,680	-0.58
09/01/2021	14:31:22	78789.27	394731.70	35.01	Soil	9,240	-1.59
09/01/2021	14:31:23	78789.26	394731.70	34.98	Soil	10,260	-0.88
09/01/2021	14:31:24	78789.27	394731.71	35.08	Soil	12,180	0.47
09/01/2021	14:31:25	78789.27	394731.69	35.12	Soil	10,440	-0.75
09/01/2021	14:31:26	78789.22	394731.66	35.20	Soil	10,440	-0.75
09/01/2021	14:31:27	78789.15	394731.62	35.14	Soil	9,720	-1.26
09/01/2021	14:31:30	78789.22	394731.74	35.28	Soil	10,200	-0.92
09/01/2021	14:31:31	78789.33	394731.72	35.21	Soil	10,320	-0.84
09/01/2021	14:31:32	78789.23	394732.18	35.23	Soil	10,620	-0.62
09/01/2021	14:31:33	78789.18	394732.24	35.23	Soil	10,020	-1.05
09/01/2021	14:31:34	78789.25	394731.86	35.20	Soil	9,300	-1.55
09/01/2021	14:31:35	78789.20	394732.00	35.14	Soil	9,360	-1.51
09/01/2021	14:31:36	78789.16	394732.56	35.21	Soil	10,920	-0.41
09/01/2021	14:31:37	78789.11	394732.49	35.25	Soil	7,560	-2.77
09/01/2021	14:31:41	78789.20	394732.76	35.23	Soil	8,700	-1.97
09/01/2021	14:31:42	78789.27	394732.52	35.21	Soil	9,840	-1.17
09/01/2021	14:31:43	78789.29	394732.99	35.22	Soil	8,400	-2.18
09/01/2021	14:31:44	78789.35	394733.23	35.23	Soil	8,280	-2.27
09/01/2021	14:31:45	78789.35	394732.65	35.10	Soil	10,500	-0.71
09/01/2021	14:31:46	78789.22	394732.35	35.09	Soil	9,720	-1.26
09/01/2021	14:31:47	78789.16	394732.58	35.03	Soil	10,020	-1.05
09/01/2021	14:31:53	78789.27	394732.62	35.30	Soil	7,620	-2.73
09/01/2021	14:31:54	78789.41	394732.59	35.24	Soil	7,860	-2.56
09/01/2021	14:31:55	78789.31	394732.61	35.29	Soil	9,300	-1.55
09/01/2021	14:31:58	78789.30	394732.85	35.22	Soil	8,880	-1.85
09/01/2021	14:31:59	78789.16	394732.86	35.25	Soil	8,820	-1.89
09/01/2021	14:32:03	78789.39	394732.42	35.68	Soil	10,080	-1.00
09/01/2021	14:32:04	78789.42	394732.77	35.71	Soil	10,080	-1.00
09/01/2021	14:32:05	78789.20	394732.93	35.76	Soil	9,420	-1.47
09/01/2021	14:32:06	78789.24	394733.26	35.80	Soil	10,440	-0.75
09/01/2021	14:32:07	78789.49	394733.57	35.94	Soil	8,220	-2.31
09/01/2021	14:32:08	78789.74	394733.47	36.03	Soil	8,580	-2.06
09/01/2021	14:32:09	78789.91	394733.39	35.92	Soil	9,300	-1.55
09/01/2021	14:32:10	78789.51	394733.56	35.79	Soil	9,480	-1.42
09/01/2021	14:32:11	78789.16	394733.53	35.88	Soil	10,260	-0.88
09/01/2021	14:32:12	78789.20	394733.27	35.93	Soil	8,580	-2.06
09/01/2021	14:32:13	78789.23	394733.17	35.93	Soil	9,300	-1.55
09/01/2021	14:32:14	78789.21	394733.61	36.08	Soil	9,600	-1.34
09/01/2021	14:32:15	78789.19	394733.55	36.01	Soil	8,460	-2.14
09/01/2021	14:32:16	78789.33	394733.00	36.06	Soil	8,940	-1.80
09/01/2021	14:32:17	78789.31	394732.78	36.05	Soil	9,420	-1.47
09/01/2021	14:32:18	78789.41	394733.04	36.06	Soil	9,540	-1.38
09/01/2021	14:32:19	78789.49	394733.17	36.04	Soil	9,600	-1.34
09/01/2021	14:32:20	78789.46	394732.74	36.10	Soil	9,360	-1.51
09/01/2021	14:32:21	78789.40	394732.77	36.08	Soil	10,920	-0.41
09/01/2021	14:32:22	78789.35	394733.20	36.08	Soil	9,000	-1.76

SU 7D GWS RESULTS
(SOIL)

09/01/2021	14:32:23	78789.33	394733.05	36.07	Soil	8,220	-2.31
09/01/2021	14:32:24	78789.43	394732.55	36.06	Soil	9,900	-1.13
09/01/2021	14:32:25	78789.48	394732.67	36.08	Soil	10,500	-0.71
09/01/2021	14:32:26	78789.43	394733.14	36.10	Soil	8,880	-1.85
09/01/2021	14:32:27	78789.38	394733.11	36.06	Soil	11,220	-0.20
09/01/2021	14:32:28	78789.40	394732.91	36.06	Soil	10,140	-0.96
09/01/2021	14:32:29	78789.42	394733.15	36.03	Soil	9,660	-1.30
09/01/2021	14:32:30	78789.43	394733.46	36.04	Soil	7,560	-2.77
09/01/2021	14:32:31	78789.48	394733.35	36.07	Soil	8,340	-2.22
09/01/2021	14:32:32	78789.51	394733.34	36.07	Soil	9,540	-1.38
09/01/2021	14:32:33	78789.50	394733.77	36.03	Soil	8,700	-1.97
09/01/2021	14:32:34	78789.50	394734.05	36.05	Soil	9,360	-1.51
09/01/2021	14:32:35	78789.55	394733.92	36.02	Soil	8,700	-1.97
09/01/2021	14:32:36	78789.55	394733.65	35.93	Soil	9,060	-1.72
09/01/2021	14:32:37	78789.54	394733.87	35.86	Soil	9,960	-1.09
09/01/2021	14:32:38	78789.52	394734.42	35.88	Soil	9,540	-1.38
09/01/2021	14:32:39	78789.49	394734.26	35.83	Soil	9,780	-1.21
09/01/2021	14:32:40	78789.45	394733.60	35.78	Soil	9,540	-1.38
09/01/2021	14:32:41	78789.50	394733.60	35.80	Soil	9,540	-1.38
09/01/2021	14:32:42	78789.51	394734.40	35.69	Soil	9,120	-1.68
09/01/2021	14:32:43	78789.48	394734.63	35.65	Soil	7,980	-2.48
09/01/2021	14:32:44	78789.42	394734.07	35.65	Soil	8,280	-2.27
09/01/2021	14:32:45	78789.33	394733.68	35.74	Soil	9,240	-1.59
09/01/2021	14:32:46	78789.29	394734.11	35.81	Soil	8,760	-1.93
09/01/2021	14:32:47	78789.26	394734.64	35.76	Soil	7,980	-2.48
09/01/2021	14:32:48	78789.42	394734.34	35.73	Soil	9,300	-1.55
09/01/2021	14:32:49	78789.42	394733.86	35.82	Soil	8,880	-1.85
09/01/2021	14:32:50	78789.30	394734.04	35.91	Soil	8,520	-2.10
09/01/2021	14:32:51	78789.22	394734.25	35.98	Soil	8,040	-2.44
09/01/2021	14:32:52	78789.54	394734.21	36.01	Soil	8,580	-2.06
09/01/2021	14:32:53	78789.77	394733.99	36.09	Soil	8,640	-2.01
09/01/2021	14:32:54	78789.61	394733.36	36.11	Soil	9,600	-1.34
09/01/2021	14:32:55	78789.58	394733.28	36.10	Soil	9,300	-1.55
09/01/2021	14:32:56	78789.44	394733.91	36.06	Soil	8,040	-2.44
09/01/2021	14:32:57	78789.49	394734.07	36.00	Soil	8,940	-1.80
09/01/2021	14:32:58	78789.51	394733.51	35.95	Soil	8,760	-1.93
09/01/2021	14:32:59	78789.75	394733.52	35.91	Soil	8,880	-1.85
09/01/2021	14:33:00	78789.85	394733.76	36.05	Soil	10,380	-0.79
09/01/2021	14:33:01	78789.76	394733.54	36.04	Soil	10,320	-0.84
09/01/2021	14:33:02	78789.73	394733.54	36.08	Soil	9,300	-1.55
09/01/2021	14:33:03	78789.81	394733.56	36.05	Soil	9,780	-1.21
09/01/2021	14:33:04	78789.87	394733.50	36.07	Soil	9,540	-1.38
09/01/2021	14:33:05	78789.86	394733.50	36.09	Soil	8,460	-2.14
09/01/2021	14:33:06	78789.85	394733.55	36.07	Soil	9,240	-1.59
09/01/2021	14:33:07	78789.93	394733.58	36.02	Soil	9,480	-1.42
09/01/2021	14:33:08	78790.02	394733.53	36.09	Soil	10,800	-0.50
09/01/2021	14:33:09	78790.06	394733.51	36.14	Soil	9,840	-1.17
09/01/2021	14:33:10	78790.09	394733.54	36.22	Soil	9,600	-1.34
09/01/2021	14:33:11	78790.15	394733.57	36.24	Soil	9,120	-1.68
09/01/2021	14:33:12	78790.23	394733.52	36.16	Soil	8,100	-2.39
09/01/2021	14:33:13	78790.25	394733.54	36.13	Soil	10,980	-0.37

SU 7D GWS RESULTS
(SOIL)

09/01/2021	14:33:14	78790.21	394733.59	35.96	Soil	10,200	-0.92
09/01/2021	14:33:15	78790.25	394733.58	35.67	Soil	9,300	-1.55
09/01/2021	14:33:16	78790.30	394733.55	35.46	Soil	7,980	-2.48
09/01/2021	14:33:17	78789.80	394733.70	35.43	Soil	8,400	-2.18
09/01/2021	14:33:18	78789.90	394734.02	35.48	Soil	9,780	-1.21
09/01/2021	14:33:19	78790.36	394734.06	35.38	Soil	8,880	-1.85
09/01/2021	14:33:20	78790.65	394733.85	35.36	Soil	9,300	-1.55
09/01/2021	14:33:21	78790.67	394733.89	35.34	Soil	9,360	-1.51
09/01/2021	14:33:22	78790.68	394734.09	35.33	Soil	8,340	-2.22
09/01/2021	14:33:23	78790.69	394733.94	35.39	Soil	9,600	-1.34
09/01/2021	14:33:24	78790.56	394734.00	35.53	Soil	10,980	-0.37
09/01/2021	14:33:25	78790.33	394733.79	35.43	Soil	8,460	-2.14
09/01/2021	14:33:26	78790.29	394733.89	35.45	Soil	9,420	-1.47
09/01/2021	14:33:27	78790.21	394734.11	35.49	Soil	8,160	-2.35
09/01/2021	14:33:28	78790.25	394734.61	35.45	Soil	8,700	-1.97
09/01/2021	14:33:29	78790.24	394734.36	35.46	Soil	8,220	-2.31
09/01/2021	14:33:30	78790.22	394734.36	35.46	Soil	8,820	-1.89
09/01/2021	14:33:31	78790.23	394734.33	35.46	Soil	7,500	-2.81
09/01/2021	14:33:32	78790.21	394734.27	35.48	Soil	10,260	-0.88
09/01/2021	14:33:33	78790.22	394734.20	35.45	Soil	8,580	-2.06
09/01/2021	14:33:34	78790.20	394734.14	35.42	Soil	9,060	-1.72
09/01/2021	14:33:35	78790.19	394734.12	35.37	Soil	9,960	-1.09
09/01/2021	14:33:36	78790.20	394734.05	35.35	Soil	9,240	-1.59
09/01/2021	14:33:37	78790.19	394734.06	35.32	Soil	7,260	-2.98
09/01/2021	14:33:38	78790.17	394734.03	35.30	Soil	8,460	-2.14
09/01/2021	14:33:39	78790.17	394733.98	35.24	Soil	8,580	-2.06
09/01/2021	14:33:40	78790.18	394733.91	35.24	Soil	8,040	-2.44
09/01/2021	14:33:41	78790.16	394733.88	35.19	Soil	8,340	-2.22
09/01/2021	14:33:42	78790.13	394733.85	35.31	Soil	9,720	-1.26
09/01/2021	14:33:43	78789.90	394734.22	35.37	Soil	8,940	-1.80
09/01/2021	14:33:44	78789.88	394733.98	35.41	Soil	9,960	-1.09
09/01/2021	14:33:45	78789.86	394733.56	35.39	Soil	9,180	-1.64
09/01/2021	14:33:46	78789.89	394733.54	35.42	Soil	9,720	-1.26
09/01/2021	14:33:47	78790.03	394734.09	35.48	Soil	9,480	-1.42
09/01/2021	14:33:48	78790.06	394734.06	35.50	Soil	8,280	-2.27
09/01/2021	14:33:49	78789.88	394733.51	35.51	Soil	9,540	-1.38
09/01/2021	14:33:50	78789.86	394733.37	35.44	Soil	9,300	-1.55
09/01/2021	14:33:51	78790.00	394733.84	35.45	Soil	9,300	-1.55
09/01/2021	14:33:52	78789.84	394733.84	35.45	Soil	9,240	-1.59
09/01/2021	14:33:53	78789.73	394733.66	35.41	Soil	9,900	-1.13
09/01/2021	14:33:54	78789.77	394733.98	35.36	Soil	7,500	-2.81
09/01/2021	14:33:55	78789.86	394734.39	35.36	Soil	10,020	-1.05
09/01/2021	14:33:56	78789.73	394734.00	35.35	Soil	9,180	-1.64
09/01/2021	14:33:57	78789.58	394733.42	35.44	Soil	8,700	-1.97
09/01/2021	14:33:58	78789.74	394733.50	35.42	Soil	9,060	-1.72
09/01/2021	14:33:59	78789.62	394733.67	35.42	Soil	8,280	-2.27
09/01/2021	14:34:00	78789.11	394733.74	35.22	Soil	8,880	-1.85
09/01/2021	14:34:01	78789.21	394733.79	35.39	Soil	8,460	-2.14
09/01/2021	14:34:02	78789.37	394733.70	35.50	Soil	9,300	-1.55
09/01/2021	14:34:03	78789.41	394733.93	35.58	Soil	9,120	-1.68
09/01/2021	14:34:04	78789.52	394734.21	35.64	Soil	8,640	-2.01

SU 7D GWS RESULTS
(SOIL)

09/01/2021	14:34:05	78789.75	394734.01	35.64	Soil	9,840	-1.17
09/01/2021	14:34:06	78789.49	394733.93	35.65	Soil	9,240	-1.59
09/01/2021	14:34:07	78789.24	394734.15	35.71	Soil	10,020	-1.05
09/01/2021	14:34:08	78789.27	394734.14	35.86	Soil	8,520	-2.10
09/01/2021	14:34:09	78789.54	394733.71	35.84	Soil	7,260	-2.98
09/01/2021	14:34:10	78789.74	394734.01	35.78	Soil	8,400	-2.18
09/01/2021	14:34:11	78789.73	394734.66	35.76	Soil	9,120	-1.68
09/01/2021	14:34:12	78789.76	394734.37	35.76	Soil	7,920	-2.52
09/01/2021	14:34:13	78789.81	394733.73	35.81	Soil	8,460	-2.14
09/01/2021	14:34:14	78789.60	394734.23	35.81	Soil	10,200	-0.92
09/01/2021	14:34:15	78789.77	394734.73	35.86	Soil	8,220	-2.31
09/01/2021	14:34:16	78789.83	394734.22	35.83	Soil	8,640	-2.01
09/01/2021	14:34:17	78789.80	394733.67	35.79	Soil	10,080	-1.00
09/01/2021	14:34:18	78789.78	394734.08	35.79	Soil	10,020	-1.05
09/01/2021	14:34:19	78789.84	394734.51	35.82	Soil	8,220	-2.31
09/01/2021	14:34:20	78789.62	394734.01	35.86	Soil	8,340	-2.22
09/01/2021	14:34:21	78789.53	394733.79	35.87	Soil	9,000	-1.76
09/01/2021	14:34:22	78789.49	394734.33	35.88	Soil	10,380	-0.79
09/01/2021	14:34:23	78789.55	394734.76	35.96	Soil	8,340	-2.22
09/01/2021	14:34:24	78789.66	394734.35	35.91	Soil	8,520	-2.10
09/01/2021	14:34:25	78789.59	394733.86	35.99	Soil	9,540	-1.38
09/01/2021	14:34:26	78789.55	394734.07	35.98	Soil	9,540	-1.38
09/01/2021	14:34:27	78789.77	394733.98	35.97	Soil	10,440	-0.75
09/01/2021	14:34:28	78789.81	394733.64	35.97	Soil	8,160	-2.35
09/01/2021	14:34:29	78789.76	394733.67	36.00	Soil	8,160	-2.35
09/01/2021	14:34:30	78789.87	394733.93	36.35	Soil	8,760	-1.93
09/01/2021	14:34:31	78789.73	394733.98	36.92	Soil	10,020	-1.05
09/01/2021	14:34:32	78789.60	394733.63	37.58	Soil	10,440	-0.75
09/01/2021	14:34:33	78789.64	394733.80	37.62	Soil	9,480	-1.42
09/01/2021	14:34:34	78789.59	394733.95	37.62	Soil	10,200	-0.92
09/01/2021	14:34:35	78789.61	394733.74	37.61	Soil	10,380	-0.79
09/01/2021	14:34:36	78789.64	394733.85	37.63	Soil	9,600	-1.34
09/01/2021	14:34:37	78789.60	394733.93	37.63	Soil	9,120	-1.68
09/01/2021	14:34:38	78789.68	394733.83	37.59	Soil	8,880	-1.85
09/01/2021	14:34:39	78789.65	394733.92	37.62	Soil	11,280	-0.16
09/01/2021	14:34:40	78789.74	394733.91	37.68	Soil	9,540	-1.38
09/01/2021	14:34:41	78789.90	394733.86	37.75	Soil	9,660	-1.30
09/01/2021	14:34:42	78790.04	394733.91	37.79	Soil	10,200	-0.92
09/01/2021	14:34:43	78790.18	394733.89	37.79	Soil	9,060	-1.72
09/01/2021	14:34:44	78790.15	394733.87	37.72	Soil	10,080	-1.00
09/01/2021	14:34:45	78790.22	394733.87	37.49	Soil	8,400	-2.18
09/01/2021	14:34:46	78790.20	394733.91	37.49	Soil	9,420	-1.47
09/01/2021	14:34:47	78790.00	394734.06	36.42	Soil	9,180	-1.64
09/01/2021	14:34:48	78790.07	394733.97	36.07	Soil	9,180	-1.64
09/01/2021	14:34:49	78790.17	394733.73	36.07	Soil	8,640	-2.01
09/01/2021	14:34:50	78790.29	394734.07	36.05	Soil	9,960	-1.09
09/01/2021	14:34:51	78790.18	394734.73	36.05	Soil	9,420	-1.47
09/01/2021	14:34:52	78790.05	394734.39	35.96	Soil	8,400	-2.18
09/01/2021	14:34:53	78790.06	394733.70	35.92	Soil	9,660	-1.30
09/01/2021	14:34:54	78790.05	394734.24	35.92	Soil	11,160	-0.25
09/01/2021	14:34:55	78790.05	394734.82	36.09	Soil	8,880	-1.85

SU 7D GWS RESULTS
(SOIL)

09/01/2021	14:34:56	78790.10	394734.48	35.90	Soil	9,720	-1.26
09/01/2021	14:34:57	78790.16	394733.99	35.88	Soil	8,220	-2.31
09/01/2021	14:34:58	78789.76	394734.18	35.88	Soil	8,580	-2.06
09/01/2021	14:34:59	78789.60	394734.72	35.87	Soil	10,020	-1.05
09/01/2021	14:35:00	78789.81	394734.41	35.87	Soil	9,000	-1.76
09/01/2021	14:35:01	78790.12	394733.77	35.92	Soil	10,200	-0.92
09/01/2021	14:35:02	78790.16	394734.16	35.94	Soil	9,660	-1.30
09/01/2021	14:35:03	78790.24	394734.79	35.92	Soil	8,940	-1.80
09/01/2021	14:35:04	78790.21	394734.40	35.91	Soil	7,980	-2.48
09/01/2021	14:35:05	78790.07	394733.73	35.91	Soil	9,840	-1.17
09/01/2021	14:35:06	78790.03	394734.08	35.87	Soil	8,400	-2.18
09/01/2021	14:35:07	78790.22	394734.73	35.79	Soil	9,960	-1.09
09/01/2021	14:35:08	78790.42	394734.70	36.04	Soil	9,120	-1.68
09/01/2021	14:35:09	78790.89	394734.49	36.04	Soil	11,040	-0.33
09/01/2021	14:35:10	78790.69	394734.36	35.76	Soil	9,600	-1.34
09/01/2021	14:35:11	78790.48	394734.57	35.96	Soil	9,000	-1.76
09/01/2021	14:35:12	78790.79	394734.69	35.96	Soil	9,720	-1.26
09/01/2021	14:35:13	78790.87	394734.56	35.83	Soil	9,480	-1.42
09/01/2021	14:35:14	78790.65	394734.60	35.82	Soil	10,860	-0.46
09/01/2021	14:35:15	78790.62	394734.81	35.82	Soil	9,000	-1.76
09/01/2021	14:35:16	78790.72	394734.78	35.88	Soil	8,100	-2.39
09/01/2021	14:35:17	78790.51	394734.09	35.64	Soil	9,660	-1.30
09/01/2021	14:35:18	78790.10	394733.81	35.64	Soil	9,000	-1.76
09/01/2021	14:35:19	78790.22	394734.19	35.67	Soil	9,060	-1.72
09/01/2021	14:35:20	78790.39	394734.40	35.73	Soil	8,760	-1.93
09/01/2021	14:35:21	78790.29	394733.84	35.72	Soil	7,800	-2.60
09/01/2021	14:35:22	78790.24	394733.99	35.72	Soil	10,200	-0.92
09/01/2021	14:35:23	78790.30	394734.72	35.74	Soil	9,900	-1.13
09/01/2021	14:35:24	78790.30	394734.67	35.71	Soil	10,200	-0.92
09/01/2021	14:35:25	78790.23	394734.06	35.71	Soil	9,660	-1.30
09/01/2021	14:35:26	78790.20	394733.72	35.81	Soil	9,060	-1.72
09/01/2021	14:35:27	78790.32	394733.57	35.81	Soil	8,880	-1.85
09/01/2021	14:35:28	78790.34	394733.60	35.79	Soil	9,120	-1.68
09/01/2021	14:35:29	78790.28	394733.62	35.79	Soil	9,060	-1.72
09/01/2021	14:35:30	78790.21	394733.18	35.82	Soil	9,240	-1.59
09/01/2021	14:35:31	78790.18	394733.15	35.82	Soil	10,440	-0.75
09/01/2021	14:35:32	78790.19	394733.90	35.76	Soil	10,500	-0.71
09/01/2021	14:35:33	78790.28	394733.87	35.63	Soil	10,380	-0.79
09/01/2021	14:35:34	78790.44	394733.35	35.63	Soil	9,240	-1.59
09/01/2021	14:35:35	78790.34	394733.18	35.65	Soil	10,020	-1.05
09/01/2021	14:35:36	78790.23	394733.29	35.69	Soil	9,960	-1.09
09/01/2021	14:35:37	78790.25	394733.20	35.69	Soil	8,940	-1.80
09/01/2021	14:35:38	78790.28	394732.80	35.68	Soil	9,960	-1.09
09/01/2021	14:35:39	78790.33	394733.22	35.60	Soil	10,860	-0.46
09/01/2021	14:35:40	78790.19	394733.42	35.60	Soil	9,300	-1.55
09/01/2021	14:35:41	78790.05	394732.95	35.58	Soil	9,840	-1.17
09/01/2021	14:35:42	78790.10	394732.80	35.65	Soil	9,420	-1.47
09/01/2021	14:35:43	78790.21	394733.41	35.66	Soil	9,720	-1.26
09/01/2021	14:35:44	78790.18	394733.46	35.66	Soil	10,200	-0.92
09/01/2021	14:35:45	78790.15	394732.76	35.63	Soil	9,420	-1.47
09/01/2021	14:35:46	78790.14	394732.91	35.66	Soil	10,260	-0.88

SU 7D GWS RESULTS
(SOIL)

09/01/2021	14:35:47	78790.16	394733.31	35.66	Soil	10,320	-0.84
09/01/2021	14:35:48	78790.16	394733.31	35.64	Soil	8,700	-1.97
09/01/2021	14:35:49	78790.09	394733.11	35.69	Soil	9,900	-1.13
09/01/2021	14:35:50	78790.12	394732.99	35.69	Soil	9,900	-1.13
09/01/2021	14:35:51	78790.09	394733.02	35.69	Soil	10,320	-0.84
09/01/2021	14:35:52	78790.03	394733.07	35.71	Soil	8,280	-2.27
09/01/2021	14:35:53	78789.96	394733.13	35.71	Soil	9,300	-1.55
09/01/2021	14:35:54	78789.98	394733.12	35.72	Soil	9,660	-1.30
09/01/2021	14:35:55	78790.23	394733.03	35.89	Soil	8,940	-1.80
09/01/2021	14:35:56	78790.43	394733.00	35.89	Soil	9,420	-1.47
09/01/2021	14:35:57	78790.52	394733.00	35.96	Soil	9,900	-1.13
09/01/2021	14:35:58	78790.74	394732.96	36.10	Soil	8,940	-1.80
09/01/2021	14:35:59	78790.97	394732.92	36.15	Soil	10,260	-0.88
09/01/2021	14:36:00	78791.05	394732.93	36.15	Soil	9,120	-1.68
09/01/2021	14:36:01	78791.03	394732.92	36.11	Soil	10,560	-0.67
09/01/2021	14:36:02	78790.88	394732.93	36.09	Soil	11,280	-0.16
09/01/2021	14:36:03	78790.65	394733.07	36.09	Soil	10,260	-0.88
09/01/2021	14:36:04	78790.87	394732.91	36.07	Soil	9,060	-1.72
09/01/2021	14:36:05	78790.86	394732.90	36.07	Soil	10,920	-0.41
09/01/2021	14:36:06	78790.27	394733.33	35.91	Soil	10,080	-1.00
09/01/2021	14:36:07	78790.38	394733.54	35.66	Soil	8,460	-2.14
09/01/2021	14:36:08	78790.44	394733.55	35.63	Soil	10,020	-1.05
09/01/2021	14:36:09	78790.54	394733.43	35.68	Soil	9,540	-1.38
09/01/2021	14:36:10	78790.74	394733.24	35.79	Soil	10,560	-0.67
09/01/2021	14:36:11	78790.73	394733.33	35.77	Soil	8,880	-1.85
09/01/2021	14:36:12	78790.74	394733.34	35.76	Soil	7,980	-2.48
09/01/2021	14:36:13	78790.74	394733.33	35.76	Soil	11,400	-0.08
09/01/2021	14:36:14	78790.75	394733.30	35.73	Soil	9,240	-1.59
09/01/2021	14:36:15	78790.64	394733.29	35.73	Soil	11,760	0.18
09/01/2021	14:36:16	78790.72	394733.27	35.75	Soil	10,920	-0.41
09/01/2021	14:36:17	78790.69	394733.26	35.82	Soil	9,480	-1.42
09/01/2021	14:36:18	78790.77	394733.23	35.82	Soil	9,540	-1.38
09/01/2021	14:36:19	78790.98	394733.14	35.99	Soil	9,840	-1.17
09/01/2021	14:36:20	78791.05	394733.39	35.99	Soil	10,020	-1.05
09/01/2021	14:36:21	78790.88	394733.91	35.95	Soil	9,960	-1.09
09/01/2021	14:36:22	78790.85	394733.75	35.95	Soil	10,140	-0.96
09/01/2021	14:36:22	78790.90	394733.09	35.95	Soil	8,640	-2.01
09/01/2021	14:36:24	78791.12	394733.31	35.94	Soil	10,920	-0.41
09/01/2021	14:36:25	78791.01	394733.99	35.94	Soil	8,520	-2.10
09/01/2021	14:36:26	78790.80	394733.96	35.88	Soil	9,480	-1.42
09/01/2021	14:36:27	78790.65	394733.25	35.77	Soil	11,220	-0.20
09/01/2021	14:36:27	78790.68	394733.36	35.77	Soil	9,060	-1.72
09/01/2021	14:36:29	78790.93	394734.10	35.80	Soil	8,340	-2.22
09/01/2021	14:36:30	78790.81	394733.80	35.93	Soil	11,160	-0.25
09/01/2021	14:36:31	78790.81	394733.33	35.93	Soil	10,560	-0.67
09/01/2021	14:36:32	78791.01	394733.36	35.96	Soil	9,420	-1.47
09/01/2021	14:36:33	78790.95	394733.62	35.89	Soil	8,520	-2.10
09/01/2021	14:36:34	78791.03	394733.60	35.86	Soil	8,760	-1.93
09/01/2021	14:36:34	78790.79	394733.64	35.86	Soil	9,540	-1.38
09/01/2021	14:36:36	78790.81	394733.65	35.81	Soil	10,680	-0.58
09/01/2021	14:36:37	78790.68	394733.73	35.75	Soil	8,700	-1.97

SU 7D GWS RESULTS
(SOIL)

09/01/2021	14:36:37	78790.87	394733.54	35.81	Soil	9,720	-1.26
09/01/2021	14:36:39	78790.80	394733.26	35.79	Soil	10,680	-0.58
09/01/2021	14:36:39	78790.80	394733.49	35.81	Soil	10,680	-0.58
09/01/2021	14:36:40	78790.83	394733.87	35.82	Soil	8,880	-1.85
09/01/2021	14:36:41	78790.90	394733.35	35.82	Soil	9,360	-1.51
09/01/2021	14:36:42	78790.93	394732.97	35.82	Soil	9,660	-1.30
09/01/2021	14:36:43	78790.94	394733.53	35.86	Soil	10,020	-1.05
09/01/2021	14:36:44	78790.92	394733.83	35.86	Soil	9,480	-1.42
09/01/2021	14:36:45	78790.89	394733.19	35.84	Soil	10,140	-0.96
09/01/2021	14:36:46	78790.87	394732.97	35.71	Soil	10,260	-0.88
09/01/2021	14:36:47	78790.83	394733.75	35.71	Soil	9,540	-1.38
09/01/2021	14:36:48	78790.88	394733.86	35.68	Soil	9,240	-1.59
09/01/2021	14:36:49	78791.04	394733.13	35.73	Soil	8,280	-2.27
09/01/2021	14:36:50	78791.05	394733.06	35.74	Soil	10,380	-0.79
09/01/2021	14:36:51	78790.98	394733.76	35.66	Soil	9,480	-1.42
09/01/2021	14:36:52	78791.21	394733.76	35.64	Soil	8,700	-1.97
09/01/2021	14:36:53	78791.31	394733.33	35.70	Soil	9,900	-1.13
09/01/2021	14:36:54	78791.23	394733.33	35.75	Soil	9,060	-1.72
09/01/2021	14:36:55	78791.28	394733.63	35.73	Soil	9,720	-1.26
09/01/2021	14:36:56	78791.32	394733.55	35.79	Soil	9,900	-1.13
09/01/2021	14:36:57	78791.28	394733.27	35.76	Soil	11,160	-0.25
09/01/2021	14:36:58	78791.31	394733.19	35.62	Soil	10,680	-0.58
09/01/2021	14:36:59	78791.37	394733.19	35.59	Soil	9,540	-1.38
09/01/2021	14:37:00	78791.37	394733.21	35.59	Soil	11,220	-0.20
09/01/2021	14:37:01	78791.38	394733.11	35.58	Soil	10,020	-1.05
09/01/2021	14:37:02	78791.28	394732.78	35.63	Soil	9,600	-1.34
09/01/2021	14:37:03	78791.18	394732.59	35.72	Soil	11,160	-0.25
09/01/2021	14:37:04	78791.09	394732.72	35.67	Soil	9,900	-1.13
09/01/2021	14:37:06	78791.10	394733.42	35.57	Soil	10,680	-0.58
09/01/2021	14:37:06	78791.19	394733.33	35.57	Soil	10,740	-0.54
09/01/2021	14:37:07	78791.41	394732.68	35.72	Soil	9,120	-1.68
09/01/2021	14:37:08	78791.19	394732.59	35.75	Soil	11,340	-0.12
09/01/2021	14:37:09	78791.03	394733.03	35.78	Soil	9,540	-1.38
09/01/2021	14:37:10	78791.36	394733.58	35.78	Soil	10,680	-0.58
09/01/2021	14:37:11	78791.33	394733.25	35.83	Soil	9,060	-1.72
09/01/2021	14:37:12	78790.99	394732.72	35.92	Soil	11,220	-0.20
09/01/2021	14:37:13	78791.32	394733.18	35.93	Soil	9,000	-1.76
09/01/2021	14:37:14	78791.41	394733.97	35.95	Soil	10,980	-0.37
09/01/2021	14:37:15	78791.25	394733.59	35.97	Soil	9,900	-1.13
09/01/2021	14:37:16	78791.01	394733.19	35.95	Soil	8,940	-1.80
09/01/2021	14:37:17	78790.91	394733.78	35.89	Soil	11,820	0.22
09/01/2021	14:37:18	78790.94	394734.45	35.91	Soil	8,520	-2.10
09/01/2021	14:37:19	78791.15	394734.05	35.98	Soil	10,140	-0.96
09/01/2021	14:37:20	78791.09	394733.63	36.01	Soil	9,300	-1.55
09/01/2021	14:37:21	78791.03	394733.75	36.08	Soil	9,120	-1.68
09/01/2021	14:37:22	78791.13	394734.03	36.09	Soil	10,080	-1.00
09/01/2021	14:37:23	78791.23	394733.78	36.15	Soil	9,360	-1.51
09/01/2021	14:37:24	78791.17	394733.53	36.22	Soil	10,020	-1.05
09/01/2021	14:37:25	78791.08	394733.42	36.26	Soil	9,360	-1.51
09/01/2021	14:37:26	78791.21	394733.83	36.26	Soil	9,840	-1.17
09/01/2021	14:37:27	78791.23	394733.64	36.43	Soil	9,360	-1.51

SU 7D GWS RESULTS
(SOIL)

09/01/2021	14:37:28	78791.14	394733.51	36.49	Soil	9,420	-1.47
09/01/2021	14:37:29	78791.06	394733.56	36.46	Soil	10,020	-1.05
09/01/2021	14:37:30	78791.01	394733.66	36.53	Soil	10,200	-0.92
09/01/2021	14:37:31	78791.13	394733.52	36.53	Soil	7,740	-2.65
09/01/2021	14:37:32	78791.13	394733.42	36.56	Soil	10,080	-1.00
09/01/2021	14:37:33	78791.16	394733.44	36.56	Soil	10,980	-0.37
09/01/2021	14:37:34	78791.19	394733.46	36.57	Soil	8,820	-1.89
09/01/2021	14:37:35	78791.07	394733.46	37.12	Soil	8,400	-2.18
09/01/2021	14:37:36	78790.99	394733.28	37.71	Soil	10,260	-0.88
09/01/2021	14:37:37	78791.00	394732.88	37.85	Soil	9,240	-1.59
09/01/2021	14:37:38	78790.95	394733.14	37.89	Soil	10,080	-1.00
09/01/2021	14:37:39	78791.02	394733.29	37.87	Soil	9,420	-1.47
09/01/2021	14:37:40	78790.96	394732.94	37.89	Soil	11,160	-0.25
09/01/2021	14:37:41	78790.98	394733.07	37.89	Soil	9,780	-1.21
09/01/2021	14:37:42	78791.02	394733.42	37.91	Soil	10,380	-0.79
09/01/2021	14:37:43	78791.01	394733.43	37.95	Soil	8,880	-1.85
09/01/2021	14:37:44	78791.06	394733.68	37.93	Soil	10,740	-0.54
09/01/2021	14:37:45	78791.08	394734.08	37.97	Soil	8,340	-2.22
09/01/2021	14:37:46	78791.12	394734.13	37.99	Soil	10,020	-1.05
09/01/2021	14:37:47	78791.14	394734.49	38.03	Soil	9,960	-1.09
09/01/2021	14:37:48	78791.19	394734.79	38.02	Soil	9,840	-1.17
09/01/2021	14:37:49	78791.25	394734.78	37.83	Soil	9,840	-1.17
09/01/2021	14:37:50	78791.17	394734.58	37.59	Soil	9,660	-1.30
09/01/2021	14:37:51	78791.05	394734.38	36.94	Soil	10,500	-0.71
09/01/2021	14:37:52	78791.05	394734.57	36.87	Soil	9,600	-1.34
09/01/2021	14:37:53	78791.07	394735.11	36.85	Soil	8,880	-1.85
09/01/2021	14:37:54	78791.08	394734.96	36.80	Soil	8,940	-1.80
09/01/2021	14:37:55	78791.00	394734.18	36.72	Soil	8,940	-1.80
09/01/2021	14:37:56	78791.13	394734.47	36.58	Soil	9,120	-1.68
09/01/2021	14:37:57	78791.13	394734.96	36.55	Soil	9,540	-1.38
09/01/2021	14:37:58	78791.05	394734.85	36.54	Soil	9,960	-1.09
09/01/2021	14:37:59	78791.11	394734.33	36.53	Soil	8,280	-2.27
09/01/2021	14:38:00	78791.09	394734.16	36.51	Soil	9,840	-1.17
09/01/2021	14:38:01	78790.90	394734.66	36.48	Soil	9,480	-1.42
09/01/2021	14:38:02	78791.11	394735.05	36.45	Soil	8,580	-2.06
09/01/2021	14:38:03	78791.32	394734.63	36.45	Soil	9,780	-1.21
09/01/2021	14:38:04	78791.24	394734.65	36.42	Soil	9,660	-1.30
09/01/2021	14:38:05	78791.33	394734.95	36.41	Soil	9,840	-1.17
09/01/2021	14:38:06	78791.40	394734.69	36.44	Soil	10,140	-0.96
09/01/2021	14:38:07	78791.33	394734.49	36.43	Soil	10,440	-0.75
09/01/2021	14:38:08	78791.34	394734.60	36.46	Soil	10,080	-1.00
09/01/2021	14:38:09	78791.49	394734.67	36.45	Soil	9,420	-1.47
09/01/2021	14:38:10	78791.42	394734.49	36.54	Soil	10,200	-0.92
09/01/2021	14:38:11	78791.45	394733.91	36.52	Soil	9,360	-1.51
09/01/2021	14:38:12	78791.45	394733.84	36.56	Soil	8,760	-1.93
09/01/2021	14:38:13	78791.42	394734.18	36.57	Soil	10,440	-0.75
09/01/2021	14:38:14	78791.46	394734.26	36.61	Soil	9,000	-1.76
09/01/2021	14:38:15	78791.49	394733.91	36.68	Soil	10,200	-0.92
09/01/2021	14:38:16	78791.28	394733.85	36.59	Soil	9,720	-1.26
09/01/2021	14:38:17	78791.01	394734.22	36.33	Soil	10,500	-0.71
09/01/2021	14:38:18	78791.12	394734.24	36.30	Soil	9,540	-1.38

SU 7D GWS RESULTS
(SOIL)

09/01/2021	14:38:19	78791.44	394733.80	36.39	Soil	10,860	-0.46
09/01/2021	14:38:20	78791.29	394733.91	36.38	Soil	10,200	-0.92
09/01/2021	14:38:21	78790.95	394734.36	36.21	Soil	10,680	-0.58
09/01/2021	14:38:22	78790.95	394734.95	36.14	Soil	8,100	-2.39
09/01/2021	14:38:23	78791.23	394734.70	36.18	Soil	10,140	-0.96
09/01/2021	14:38:24	78791.45	394734.53	36.24	Soil	10,380	-0.79
09/01/2021	14:38:25	78791.49	394734.71	36.27	Soil	10,020	-1.05
09/01/2021	14:38:26	78791.71	394734.92	36.37	Soil	10,680	-0.58
09/01/2021	14:38:27	78791.65	394734.83	36.45	Soil	9,900	-1.13
09/01/2021	14:38:28	78791.73	394735.11	36.52	Soil	11,460	-0.04
09/01/2021	14:38:29	78791.71	394735.63	36.69	Soil	9,660	-1.30
09/01/2021	14:38:30	78791.68	394735.68	36.64	Soil	9,480	-1.42
09/01/2021	14:38:31	78791.60	394734.93	36.64	Soil	8,880	-1.85
09/01/2021	14:38:32	78791.45	394734.79	36.61	Soil	9,720	-1.26
09/01/2021	14:38:33	78791.29	394735.42	36.50	Soil	10,080	-1.00
09/01/2021	14:38:34	78791.35	394735.49	36.42	Soil	11,040	-0.33
09/01/2021	14:38:35	78791.65	394735.06	36.40	Soil	9,600	-1.34
09/01/2021	14:38:36	78791.50	394735.00	36.47	Soil	9,960	-1.09
09/01/2021	14:38:37	78791.21	394735.46	36.43	Soil	10,980	-0.37
09/01/2021	14:38:38	78791.20	394735.77	36.35	Soil	9,480	-1.42
09/01/2021	14:38:39	78791.37	394735.26	36.40	Soil	8,880	-1.85
09/01/2021	14:38:40	78791.34	394735.19	36.36	Soil	9,300	-1.55
09/01/2021	14:38:42	78791.18	394735.49	36.32	Soil	9,600	-1.34
09/01/2021	14:38:42	78791.38	394735.42	36.39	Soil	10,320	-0.84
09/01/2021	14:38:43	78791.61	394735.31	36.46	Soil	9,480	-1.42
09/01/2021	14:38:44	78791.69	394735.60	36.53	Soil	9,540	-1.38
09/01/2021	14:38:45	78791.66	394735.41	36.52	Soil	8,160	-2.35
09/01/2021	14:38:46	78791.72	394735.14	36.51	Soil	10,020	-1.05
09/01/2021	14:38:47	78791.73	394734.99	36.56	Soil	9,360	-1.51
09/01/2021	14:38:48	78791.67	394735.57	36.61	Soil	8,160	-2.35
09/01/2021	14:38:49	78791.76	394735.92	36.69	Soil	8,700	-1.97
09/01/2021	14:38:50	78791.85	394735.35	36.63	Soil	9,480	-1.42
09/01/2021	14:38:51	78791.62	394734.71	36.61	Soil	9,960	-1.09
09/01/2021	14:38:52	78791.59	394734.38	36.63	Soil	9,540	-1.38
09/01/2021	14:38:53	78791.64	394734.24	36.55	Soil	12,180	0.47
09/01/2021	14:38:54	78791.56	394734.06	36.63	Soil	9,780	-1.21
09/01/2021	14:38:55	78791.54	394733.91	36.63	Soil	10,560	-0.67
09/01/2021	14:38:56	78791.61	394733.73	36.70	Soil	9,660	-1.30
09/01/2021	14:38:57	78791.64	394733.82	36.72	Soil	9,060	-1.72
09/01/2021	14:38:58	78791.55	394733.90	36.62	Soil	9,720	-1.26
09/01/2021	14:38:59	78791.61	394733.70	36.76	Soil	10,500	-0.71
09/01/2021	14:39:00	78791.71	394733.92	36.79	Soil	10,080	-1.00
09/01/2021	14:39:01	78791.63	394734.08	36.98	Soil	11,220	-0.20
09/01/2021	14:39:02	78791.52	394733.98	36.97	Soil	11,460	-0.04
09/01/2021	14:39:03	78791.53	394734.04	37.04	Soil	10,200	-0.92
09/01/2021	14:39:04	78791.43	394734.09	36.95	Soil	10,200	-0.92
09/01/2021	14:39:05	78791.40	394734.09	36.75	Soil	10,260	-0.88
09/01/2021	14:39:06	78791.43	394734.24	36.81	Soil	10,260	-0.88
09/01/2021	14:39:07	78791.51	394734.44	37.03	Soil	9,780	-1.21
09/01/2021	14:39:08	78791.47	394734.37	36.93	Soil	10,980	-0.37
09/01/2021	14:39:09	78791.44	394734.25	37.45	Soil	10,380	-0.79

SU 7D GWS RESULTS
(SOIL)

09/01/2021	14:39:10	78791.48	394734.26	37.83	Soil	9,960	-1.09
09/01/2021	14:39:11	78791.51	394734.37	37.86	Soil	10,320	-0.84
09/01/2021	14:39:12	78791.39	394734.28	37.90	Soil	10,320	-0.84
09/01/2021	14:39:13	78791.42	394734.23	37.91	Soil	9,780	-1.21
09/01/2021	14:39:14	78791.41	394734.30	37.95	Soil	8,640	-2.01
09/01/2021	14:39:15	78791.39	394734.26	37.96	Soil	9,420	-1.47
09/01/2021	14:39:16	78791.48	394734.24	38.05	Soil	9,540	-1.38
09/01/2021	14:39:17	78791.60	394734.23	38.15	Soil	10,020	-1.05
09/01/2021	14:39:18	78791.77	394734.17	38.25	Soil	9,360	-1.51
09/01/2021	14:39:19	78791.93	394734.15	38.34	Soil	9,300	-1.55
09/01/2021	14:39:20	78792.09	394734.11	38.43	Soil	12,540	0.72
09/01/2021	14:39:21	78792.19	394734.06	38.45	Soil	9,060	-1.72
09/01/2021	14:39:22	78792.17	394734.08	38.42	Soil	11,100	-0.29
09/01/2021	14:39:23	78792.17	394734.23	38.12	Soil	9,600	-1.34
09/01/2021	14:39:24	78792.13	394734.60	37.88	Soil	10,740	-0.54
09/01/2021	14:39:25	78792.07	394734.83	37.44	Soil	9,720	-1.26
09/01/2021	14:39:26	78791.97	394734.61	37.37	Soil	8,820	-1.89
09/01/2021	14:39:27	78791.91	394734.17	37.32	Soil	10,200	-0.92
09/01/2021	14:39:28	78791.68	394733.79	37.15	Soil	10,860	-0.46
09/01/2021	14:39:29	78791.52	394734.27	37.13	Soil	11,160	-0.25
09/01/2021	14:39:30	78791.49	394734.80	37.19	Soil	9,420	-1.47
09/01/2021	14:39:31	78791.61	394735.20	37.20	Soil	9,360	-1.51
09/01/2021	14:39:32	78791.48	394735.01	37.14	Soil	9,720	-1.26
09/01/2021	14:39:33	78791.55	394734.32	37.12	Soil	9,540	-1.38
09/01/2021	14:39:34	78791.76	394734.16	37.15	Soil	11,940	0.30
09/01/2021	14:39:35	78791.77	394734.33	37.20	Soil	16,440	3.46
09/01/2021	14:39:36	78791.74	394734.86	37.20	Soil	8,880	-1.85
09/01/2021	14:39:37	78791.72	394734.99	37.21	Soil	9,900	-1.13
09/01/2021	14:39:38	78791.92	394734.61	37.14	Soil	8,820	-1.89
09/01/2021	14:39:39	78792.03	394734.92	37.16	Soil	10,320	-0.84
09/01/2021	14:39:40	78791.99	394734.82	37.16	Soil	10,920	-0.41
09/01/2021	14:39:41	78791.89	394734.73	37.17	Soil	9,780	-1.21
09/01/2021	14:39:42	78791.78	394735.19	37.23	Soil	10,740	-0.54
09/01/2021	14:39:43	78791.66	394735.61	37.19	Soil	11,040	-0.33
09/01/2021	14:39:44	78791.56	394735.11	36.99	Soil	7,260	-2.98
09/01/2021	14:39:45	78791.66	394734.68	36.95	Soil	9,240	-1.59
09/01/2021	14:39:46	78791.65	394735.15	36.95	Soil	8,820	-1.89
09/01/2021	14:39:47	78791.77	394735.90	37.07	Soil	10,560	-0.67
09/01/2021	14:39:48	78792.06	394735.55	37.04	Soil	9,120	-1.68
09/01/2021	14:39:49	78792.08	394734.99	36.99	Soil	11,340	-0.12
09/01/2021	14:39:50	78791.96	394735.07	36.98	Soil	9,960	-1.09
09/01/2021	14:39:51	78791.99	394735.67	37.05	Soil	9,180	-1.64
09/01/2021	14:39:52	78792.14	394735.87	37.08	Soil	8,880	-1.85
09/01/2021	14:39:53	78792.39	394735.68	37.02	Soil	9,060	-1.72
09/01/2021	14:39:54	78792.49	394736.05	37.17	Soil	11,340	-0.12
09/01/2021	14:39:55	78792.55	394735.97	37.08	Soil	9,120	-1.68
09/01/2021	14:39:56	78792.52	394735.63	37.03	Soil	9,720	-1.26
09/01/2021	14:39:57	78792.60	394735.64	37.00	Soil	10,620	-0.62
09/01/2021	14:39:58	78792.61	394735.92	37.03	Soil	8,640	-2.01
09/01/2021	14:39:59	78792.63	394735.87	37.00	Soil	8,820	-1.89
09/01/2021	14:40:00	78792.73	394735.46	36.95	Soil	10,140	-0.96

SU 7D GWS RESULTS
(SOIL)

09/01/2021	14:40:01	78792.81	394735.56	36.97	Soil	10,320	-0.84
09/01/2021	14:40:02	78792.82	394735.82	36.96	Soil	9,060	-1.72
09/01/2021	14:40:03	78792.65	394735.69	36.88	Soil	9,540	-1.38
09/01/2021	14:40:04	78792.22	394735.71	36.71	Soil	10,260	-0.88
09/01/2021	14:40:05	78791.93	394735.46	36.64	Soil	10,080	-1.00
09/01/2021	14:40:06	78792.11	394734.77	36.57	Soil	10,260	-0.88
09/01/2021	14:40:07	78792.04	394734.74	36.56	Soil	10,740	-0.54
09/01/2021	14:40:08	78791.91	394734.99	36.43	Soil	11,340	-0.12
09/01/2021	14:40:09	78792.02	394734.76	36.30	Soil	9,720	-1.26
09/01/2021	14:40:10	78792.13	394734.44	36.26	Soil	9,840	-1.17
09/01/2021	14:40:11	78792.19	394734.36	36.22	Soil	10,500	-0.71
09/01/2021	14:40:12	78792.12	394734.30	36.15	Soil	12,600	0.76
09/01/2021	14:40:13	78792.16	394733.93	36.15	Soil	10,740	-0.54
09/01/2021	14:40:14	78792.20	394733.79	36.13	Soil	10,080	-1.00
09/01/2021	14:40:15	78792.20	394734.06	35.98	Soil	11,160	-0.25
09/01/2021	14:40:16	78792.30	394734.10	36.05	Soil	11,700	0.13
09/01/2021	14:40:17	78792.40	394733.84	35.98	Soil	10,740	-0.54
09/01/2021	14:40:18	78792.35	394733.69	35.98	Soil	10,260	-0.88
09/01/2021	14:40:19	78792.43	394733.74	35.88	Soil	10,260	-0.88
09/01/2021	14:40:20	78792.55	394734.04	35.88	Soil	8,220	-2.31
09/01/2021	14:40:21	78792.57	394734.16	35.91	Soil	13,740	1.56
09/01/2021	14:40:22	78792.61	394734.04	36.01	Soil	11,340	-0.12
09/01/2021	14:40:23	78792.70	394734.35	36.10	Soil	10,680	-0.58
09/01/2021	14:40:24	78792.69	394734.70	36.11	Soil	9,120	-1.68
09/01/2021	14:40:25	78792.61	394734.34	36.11	Soil	10,140	-0.96
09/01/2021	14:40:26	78792.58	394734.08	36.15	Soil	10,980	-0.37
09/01/2021	14:40:27	78792.65	394734.43	36.17	Soil	8,820	-1.89
09/01/2021	14:40:28	78792.86	394734.47	36.23	Soil	9,960	-1.09
09/01/2021	14:40:29	78792.97	394734.03	36.31	Soil	9,360	-1.51
09/01/2021	14:40:30	78793.07	394734.10	36.46	Soil	9,660	-1.30
09/01/2021	14:40:31	78793.28	394734.32	36.58	Soil	9,420	-1.47
09/01/2021	14:40:32	78793.56	394734.14	36.64	Soil	10,500	-0.71
09/01/2021	14:40:33	78793.62	394733.88	36.70	Soil	10,860	-0.46
09/01/2021	14:40:34	78793.54	394734.06	36.72	Soil	10,620	-0.62
09/01/2021	14:40:35	78793.62	394734.34	36.73	Soil	11,040	-0.33
09/01/2021	14:40:36	78793.68	394734.29	36.71	Soil	10,680	-0.58
09/01/2021	14:40:37	78793.68	394734.08	36.71	Soil	8,940	-1.80
09/01/2021	14:40:38	78793.60	394734.31	36.69	Soil	10,440	-0.75
09/01/2021	14:40:39	78793.47	394734.95	36.72	Soil	9,060	-1.72
09/01/2021	14:40:40	78793.34	394734.95	36.60	Soil	9,420	-1.47
09/01/2021	14:40:41	78793.41	394734.18	36.56	Soil	9,240	-1.59
09/01/2021	14:40:42	78793.52	394734.09	36.59	Soil	10,500	-0.71
09/01/2021	14:40:43	78793.38	394734.77	36.60	Soil	10,200	-0.92
09/01/2021	14:40:44	78793.34	394734.97	36.60	Soil	10,080	-1.00
09/01/2021	14:40:45	78793.23	394734.28	36.59	Soil	11,340	-0.12
09/01/2021	14:40:46	78793.36	394733.90	36.50	Soil	11,040	-0.33
09/01/2021	14:40:47	78793.26	394734.41	36.53	Soil	9,360	-1.51
09/01/2021	14:40:48	78793.10	394734.93	36.47	Soil	9,360	-1.51
09/01/2021	14:40:49	78793.25	394734.52	36.39	Soil	8,700	-1.97
09/01/2021	14:40:50	78793.39	394734.33	36.43	Soil	9,900	-1.13
09/01/2021	14:40:51	78793.25	394734.66	36.48	Soil	10,080	-1.00

SU 7D GWS RESULTS
(SOIL)

09/01/2021	14:40:52	78793.48	394734.68	36.52	Soil	9,660	-1.30
09/01/2021	14:40:53	78793.49	394734.53	36.57	Soil	10,440	-0.75
09/01/2021	14:40:54	78793.46	394734.54	36.59	Soil	9,960	-1.09
09/01/2021	14:40:55	78793.67	394734.68	36.73	Soil	9,540	-1.38
09/01/2021	14:40:56	78793.63	394734.95	36.92	Soil	9,120	-1.68
09/01/2021	14:40:57	78793.50	394734.85	36.91	Soil	10,260	-0.88
09/01/2021	14:40:58	78793.52	394734.38	36.96	Soil	9,720	-1.26
09/01/2021	14:40:59	78793.66	394734.67	37.02	Soil	10,620	-0.62
09/01/2021	14:41:00	78793.68	394735.13	37.01	Soil	9,960	-1.09
09/01/2021	14:41:01	78793.73	394734.81	36.92	Soil	11,160	-0.25
09/01/2021	14:41:02	78793.52	394734.24	36.95	Soil	10,500	-0.71
09/01/2021	14:41:03	78793.33	394734.11	36.89	Soil	9,300	-1.55
09/01/2021	14:41:04	78793.31	394734.31	36.95	Soil	10,500	-0.71
09/01/2021	14:41:05	78793.47	394734.18	36.98	Soil	9,660	-1.30
09/01/2021	14:41:06	78793.46	394734.08	37.03	Soil	9,120	-1.68
09/01/2021	14:41:07	78793.51	394734.17	37.13	Soil	10,020	-1.05
09/01/2021	14:41:08	78793.53	394734.23	37.18	Soil	9,780	-1.21
09/01/2021	14:41:09	78793.48	394734.11	37.17	Soil	10,440	-0.75
09/01/2021	14:41:10	78793.45	394734.07	37.15	Soil	10,920	-0.41
09/01/2021	14:41:11	78793.49	394734.23	37.14	Soil	9,840	-1.17
09/01/2021	14:41:12	78793.54	394734.50	37.12	Soil	9,540	-1.38
09/01/2021	14:41:13	78793.52	394734.60	37.11	Soil	10,080	-1.00
09/01/2021	14:41:14	78793.52	394734.82	37.10	Soil	9,840	-1.17
09/01/2021	14:41:15	78793.55	394735.11	37.10	Soil	10,020	-1.05
09/01/2021	14:41:16	78793.59	394735.20	37.12	Soil	10,560	-0.67
09/01/2021	14:41:17	78793.68	394735.47	37.15	Soil	9,900	-1.13
09/01/2021	14:41:18	78793.74	394735.69	37.14	Soil	8,460	-2.14
09/01/2021	14:41:19	78793.79	394735.69	37.25	Soil	8,940	-1.80
09/01/2021	14:41:20	78793.71	394735.70	37.34	Soil	8,220	-2.31
09/01/2021	14:41:21	78793.67	394735.65	37.58	Soil	9,720	-1.26
09/01/2021	14:41:22	78793.54	394735.64	37.95	Soil	8,640	-2.01
09/01/2021	14:41:23	78793.52	394735.67	38.37	Soil	10,020	-1.05
09/01/2021	14:41:24	78793.53	394735.74	38.35	Soil	12,240	0.51
09/01/2021	14:41:25	78793.55	394735.75	38.35	Soil	8,640	-2.01
09/01/2021	14:41:26	78793.57	394735.71	38.34	Soil	10,020	-1.05
09/01/2021	14:41:27	78793.56	394735.74	38.29	Soil	9,780	-1.21
09/01/2021	14:41:28	78793.51	394735.76	38.20	Soil	10,860	-0.46
09/01/2021	14:41:29	78793.41	394735.83	38.09	Soil	9,120	-1.68
09/01/2021	14:41:30	78793.37	394735.83	37.98	Soil	9,300	-1.55
09/01/2021	14:41:31	78793.31	394735.83	37.94	Soil	8,520	-2.10
09/01/2021	14:41:32	78793.24	394735.87	37.83	Soil	10,500	-0.71
09/01/2021	14:41:33	78793.11	394735.94	37.75	Soil	9,360	-1.51
09/01/2021	14:41:34	78793.07	394735.95	37.75	Soil	9,720	-1.26
09/01/2021	14:41:35	78793.01	394735.84	37.53	Soil	10,380	-0.79
09/01/2021	14:41:36	78792.95	394735.42	37.37	Soil	9,180	-1.64
09/01/2021	14:41:37	78793.02	394735.46	37.00	Soil	9,180	-1.64
09/01/2021	14:41:38	78793.06	394735.93	36.74	Soil	9,480	-1.42
09/01/2021	14:41:39	78793.07	394736.14	36.69	Soil	9,180	-1.64
09/01/2021	14:41:40	78793.04	394735.48	36.69	Soil	9,360	-1.51
09/01/2021	14:41:41	78793.07	394735.36	36.71	Soil	9,900	-1.13
09/01/2021	14:41:42	78792.99	394736.15	36.73	Soil	10,680	-0.58

SU 7D GWS RESULTS
(SOIL)

09/01/2021	14:41:43	78792.89	394736.08	36.69	Soil	9,360	-1.51
09/01/2021	14:41:44	78792.95	394735.20	36.66	Soil	11,100	-0.29
09/01/2021	14:41:45	78793.12	394735.40	36.57	Soil	7,680	-2.69
09/01/2021	14:41:46	78793.21	394735.81	36.65	Soil	9,720	-1.26
09/01/2021	14:41:47	78793.10	394735.47	36.64	Soil	11,100	-0.29
09/01/2021	14:41:48	78793.19	394735.32	36.62	Soil	9,960	-1.09
09/01/2021	14:41:49	78792.88	394735.86	36.61	Soil	9,780	-1.21
09/01/2021	14:41:50	78792.67	394736.16	36.47	Soil	10,140	-0.96
09/01/2021	14:41:51	78792.79	394735.71	36.34	Soil	10,020	-1.05
09/01/2021	14:41:52	78793.04	394735.22	36.32	Soil	10,080	-1.00
09/01/2021	14:41:53	78792.91	394735.61	36.33	Soil	9,480	-1.42
09/01/2021	14:41:54	78792.81	394736.04	36.37	Soil	9,540	-1.38
09/01/2021	14:41:55	78792.97	394735.75	36.39	Soil	9,480	-1.42
09/01/2021	14:41:56	78793.17	394735.20	36.38	Soil	10,140	-0.96
09/01/2021	14:41:57	78792.94	394735.38	36.38	Soil	9,120	-1.68
09/01/2021	14:41:58	78792.91	394735.94	36.42	Soil	9,840	-1.17
09/01/2021	14:41:59	78793.12	394735.94	36.52	Soil	9,840	-1.17
09/01/2021	14:42:00	78792.74	394735.77	36.39	Soil	8,880	-1.85
09/01/2021	14:42:01	78792.48	394735.93	36.00	Soil	9,300	-1.55
09/01/2021	14:42:02	78792.68	394736.18	36.10	Soil	10,740	-0.54
09/01/2021	14:42:03	78792.72	394736.27	36.23	Soil	11,520	0.01
09/01/2021	14:42:04	78792.39	394736.08	36.04	Soil	9,900	-1.13
09/01/2021	14:42:05	78792.51	394736.14	36.17	Soil	9,600	-1.34
09/01/2021	14:42:06	78792.93	394736.39	36.27	Soil	9,780	-1.21
09/01/2021	14:42:07	78792.92	394736.37	36.26	Soil	9,720	-1.26
09/01/2021	14:42:08	78792.92	394736.51	36.34	Soil	11,880	0.26
09/01/2021	14:42:09	78792.96	394736.89	36.35	Soil	8,880	-1.85
09/01/2021	14:42:10	78792.86	394736.52	36.31	Soil	11,100	-0.29
09/01/2021	14:42:11	78792.76	394736.03	36.23	Soil	11,700	0.13
09/01/2021	14:42:12	78792.66	394736.49	36.25	Soil	8,580	-2.06
09/01/2021	14:42:13	78792.87	394736.97	36.37	Soil	10,980	-0.37
09/01/2021	14:42:14	78793.03	394736.65	36.42	Soil	10,140	-0.96
09/01/2021	14:42:15	78793.02	394736.15	36.49	Soil	10,020	-1.05
09/01/2021	14:42:16	78793.12	394736.47	36.67	Soil	10,860	-0.46
09/01/2021	14:42:17	78793.06	394736.88	36.77	Soil	9,120	-1.68
09/01/2021	14:42:18	78793.10	394736.55	36.69	Soil	10,980	-0.37
09/01/2021	14:42:19	78792.96	394736.04	36.65	Soil	9,840	-1.17
09/01/2021	14:42:20	78793.01	394736.19	36.70	Soil	9,660	-1.30
09/01/2021	14:42:21	78792.95	394736.42	36.71	Soil	9,780	-1.21
09/01/2021	14:42:22	78792.88	394736.36	36.72	Soil	9,960	-1.09
09/01/2021	14:42:23	78792.84	394735.86	36.70	Soil	9,000	-1.76
09/01/2021	14:42:24	78792.83	394735.62	36.66	Soil	10,440	-0.75
09/01/2021	14:42:25	78792.77	394735.97	36.66	Soil	10,200	-0.92
09/01/2021	14:42:26	78792.70	394735.89	36.64	Soil	11,220	-0.20
09/01/2021	14:42:27	78792.68	394735.51	36.67	Soil	10,440	-0.75
09/01/2021	14:42:28	78792.48	394735.39	36.60	Soil	9,960	-1.09
09/01/2021	14:42:29	78792.37	394735.65	36.44	Soil	10,740	-0.54
09/01/2021	14:42:30	78792.44	394735.66	36.36	Soil	9,180	-1.64
09/01/2021	14:42:31	78792.43	394735.38	36.30	Soil	9,240	-1.59
09/01/2021	14:42:32	78792.58	394735.36	36.36	Soil	10,320	-0.84
09/01/2021	14:42:33	78792.68	394735.69	36.41	Soil	11,160	-0.25

SU 7D GWS RESULTS
(SOIL)

09/01/2021	14:42:34	78792.33	394735.74	36.34	Soil	10,080	-1.00
09/01/2021	14:42:35	78792.16	394735.69	36.12	Soil	9,540	-1.38
09/01/2021	14:42:36	78792.43	394735.61	36.18	Soil	9,960	-1.09
09/01/2021	14:42:37	78792.46	394735.77	36.18	Soil	10,260	-0.88
09/01/2021	14:42:38	78792.36	394735.96	36.15	Soil	8,640	-2.01
09/01/2021	14:42:39	78792.51	394735.91	36.13	Soil	9,600	-1.34
09/01/2021	14:42:40	78792.85	394735.68	36.16	Soil	10,320	-0.84
09/01/2021	14:42:41	78792.82	394735.69	36.19	Soil	9,660	-1.30
09/01/2021	14:42:42	78792.83	394735.71	36.29	Soil	10,320	-0.84
09/01/2021	14:42:43	78792.99	394735.81	36.68	Soil	9,960	-1.09
09/01/2021	14:42:44	78792.85	394735.92	36.89	Soil	10,200	-0.92
09/01/2021	14:42:45	78792.67	394735.73	37.33	Soil	9,420	-1.47
09/01/2021	14:42:46	78792.77	394735.68	37.41	Soil	9,000	-1.76
09/01/2021	14:42:47	78792.72	394735.86	37.46	Soil	8,400	-2.18
09/01/2021	14:42:48	78792.68	394735.79	37.42	Soil	8,340	-2.22
09/01/2021	14:42:49	78792.57	394735.87	37.38	Soil	9,000	-1.76
09/01/2021	14:42:50	78792.49	394735.91	37.36	Soil	10,860	-0.46
09/01/2021	14:42:51	78792.41	394735.90	37.35	Soil	10,560	-0.67
09/01/2021	14:42:52	78792.29	394735.99	37.30	Soil	9,480	-1.42
09/01/2021	14:42:53	78792.25	394735.95	37.24	Soil	9,720	-1.26
09/01/2021	14:42:54	78792.13	394736.02	37.20	Soil	9,360	-1.51
09/01/2021	14:42:55	78792.05	394736.02	37.12	Soil	8,760	-1.93
09/01/2021	14:42:56	78791.94	394736.06	37.05	Soil	9,420	-1.47
09/01/2021	14:42:57	78791.88	394736.09	37.04	Soil	9,300	-1.55
09/01/2021	14:42:58	78791.96	394736.02	37.00	Soil	9,840	-1.17
09/01/2021	14:42:59	78791.90	394736.07	36.95	Soil	9,060	-1.72
09/01/2021	14:43:00	78791.88	394735.97	36.61	Soil	8,880	-1.85
09/01/2021	14:43:01	78791.85	394735.73	36.43	Soil	9,900	-1.13
09/01/2021	14:43:02	78791.76	394735.89	36.17	Soil	9,780	-1.21
09/01/2021	14:43:03	78791.56	394736.38	36.11	Soil	10,320	-0.84
09/01/2021	14:43:04	78791.52	394736.45	36.01	Soil	10,500	-0.71
09/01/2021	14:43:05	78791.59	394735.95	35.98	Soil	8,520	-2.10
09/01/2021	14:43:06	78791.70	394736.37	35.88	Soil	10,860	-0.46
09/01/2021	14:43:07	78791.71	394736.93	35.89	Soil	9,240	-1.59
09/01/2021	14:43:08	78791.53	394736.72	35.92	Soil	11,640	0.09
09/01/2021	14:43:09	78791.63	394736.21	35.85	Soil	8,580	-2.06
09/01/2021	14:43:10	78791.76	394736.41	35.79	Soil	9,720	-1.26
09/01/2021	14:43:11	78791.66	394736.55	35.83	Soil	9,060	-1.72
09/01/2021	14:43:12	78791.57	394736.32	35.78	Soil	9,240	-1.59
09/01/2021	14:43:13	78791.45	394736.31	35.66	Soil	9,480	-1.42
09/01/2021	14:43:14	78791.47	394737.12	35.55	Soil	8,280	-2.27
09/01/2021	14:43:15	78791.50	394737.26	35.44	Soil	9,900	-1.13
09/01/2021	14:43:16	78791.45	394736.73	35.40	Soil	8,280	-2.27
09/01/2021	14:43:17	78791.69	394736.59	35.26	Soil	10,020	-1.05
09/01/2021	14:43:18	78791.72	394736.92	35.30	Soil	8,760	-1.93
09/01/2021	14:43:19	78791.66	394737.47	35.45	Soil	9,720	-1.26
09/01/2021	14:43:20	78791.75	394737.36	35.42	Soil	8,340	-2.22
09/01/2021	14:43:21	78791.68	394737.00	35.44	Soil	9,600	-1.34
09/01/2021	14:43:22	78791.76	394737.05	35.36	Soil	9,300	-1.55
09/01/2021	14:43:23	78791.75	394737.72	35.41	Soil	9,360	-1.51
09/01/2021	14:43:24	78791.84	394737.56	35.46	Soil	8,760	-1.93

SU 7D GWS RESULTS
(SOIL)

09/01/2021	14:43:25	78792.02	394737.36	35.43	Soil	9,300	-1.55
09/01/2021	14:43:26	78791.85	394737.66	35.51	Soil	9,480	-1.42
09/01/2021	14:43:27	78791.90	394737.94	35.48	Soil	9,420	-1.47
09/01/2021	14:43:28	78791.86	394737.43	35.37	Soil	9,300	-1.55
09/01/2021	14:43:29	78791.73	394737.19	35.38	Soil	9,060	-1.72
09/01/2021	14:43:30	78791.71	394737.67	35.35	Soil	9,420	-1.47
09/01/2021	14:43:31	78791.77	394737.61	35.36	Soil	9,300	-1.55
09/01/2021	14:43:32	78791.78	394737.10	35.45	Soil	9,000	-1.76
09/01/2021	14:43:33	78791.79	394737.10	35.95	Soil	10,860	-0.46
09/01/2021	14:43:34	78791.68	394737.26	36.16	Soil	10,920	-0.41
09/01/2021	14:43:35	78791.72	394737.10	36.16	Soil	9,540	-1.38
09/01/2021	14:43:36	78791.69	394737.25	36.17	Soil	7,860	-2.56
09/01/2021	14:43:37	78791.76	394737.33	36.14	Soil	9,000	-1.76
09/01/2021	14:43:38	78791.74	394737.22	36.14	Soil	9,660	-1.30
09/01/2021	14:43:39	78791.69	394737.26	36.17	Soil	9,180	-1.64
09/01/2021	14:43:40	78791.74	394737.14	36.13	Soil	9,060	-1.72
09/01/2021	14:43:41	78791.64	394737.01	36.14	Soil	9,720	-1.26
09/01/2021	14:43:42	78791.70	394736.96	36.14	Soil	10,380	-0.79
09/01/2021	14:43:43	78791.64	394736.78	36.14	Soil	8,760	-1.93
09/01/2021	14:43:44	78791.55	394736.53	36.13	Soil	12,180	0.47
09/01/2021	14:43:45	78791.57	394736.42	36.11	Soil	9,960	-1.09
09/01/2021	14:43:46	78791.51	394736.43	36.06	Soil	9,540	-1.38
09/01/2021	14:43:47	78791.57	394736.46	35.45	Soil	11,580	0.05
09/01/2021	14:43:48	78791.52	394736.11	34.98	Soil	9,660	-1.30
09/01/2021	14:43:49	78791.18	394736.01	34.85	Soil	9,000	-1.76
09/01/2021	14:43:50	78791.06	394736.33	34.61	Soil	8,880	-1.85
09/01/2021	14:43:51	78791.26	394736.40	34.67	Soil	8,040	-2.44
09/01/2021	14:43:52	78791.45	394736.20	34.68	Soil	8,400	-2.18
09/01/2021	14:43:53	78791.54	394735.80	34.62	Soil	9,540	-1.38
09/01/2021	14:43:54	78791.25	394735.64	34.45	Soil	10,080	-1.00
09/01/2021	14:43:55	78791.01	394735.90	34.26	Soil	10,140	-0.96
09/01/2021	14:43:56	78791.40	394736.22	34.33	Soil	7,860	-2.56
09/01/2021	14:43:57	78791.64	394736.19	34.38	Soil	10,140	-0.96
09/01/2021	14:43:58	78791.63	394735.87	34.38	Soil	9,600	-1.34
09/01/2021	14:43:59	78791.63	394735.72	34.40	Soil	9,660	-1.30
09/01/2021	14:44:00	78791.53	394736.24	34.40	Soil	9,000	-1.76
09/01/2021	14:44:01	78791.63	394736.61	34.43	Soil	10,020	-1.05
09/01/2021	14:44:02	78791.56	394736.52	34.43	Soil	9,240	-1.59
09/01/2021	14:44:03	78791.38	394736.53	34.55	Soil	9,180	-1.64
09/01/2021	14:44:04	78791.60	394736.44	34.62	Soil	9,600	-1.34
09/01/2021	14:44:05	78791.96	394736.20	34.62	Soil	9,600	-1.34
09/01/2021	14:44:06	78791.67	394736.38	34.90	Soil	8,700	-1.97
09/01/2021	14:44:07	78791.63	394736.52	34.97	Soil	10,200	-0.92
09/01/2021	14:44:08	78791.80	394736.45	34.85	Soil	9,000	-1.76
09/01/2021	14:44:09	78791.54	394736.56	34.90	Soil	10,320	-0.84
09/01/2021	14:44:10	78791.70	394736.48	34.86	Soil	10,200	-0.92
09/01/2021	14:44:11	78791.69	394736.45	34.89	Soil	9,540	-1.38
09/01/2021	14:44:12	78791.55	394736.51	34.99	Soil	10,680	-0.58
09/01/2021	14:44:13	78791.72	394736.44	35.03	Soil	8,460	-2.14
09/01/2021	14:44:14	78791.60	394736.55	35.05	Soil	10,500	-0.71
09/01/2021	14:44:15	78791.63	394736.57	35.12	Soil	9,900	-1.13

SU 7D GWS RESULTS
(SOIL)

09/01/2021	14:44:16	78791.76	394736.48	35.17	Soil	9,240	-1.59
09/01/2021	14:44:17	78791.59	394736.47	35.24	Soil	10,980	-0.37
09/01/2021	14:44:18	78791.77	394736.38	35.26	Soil	9,720	-1.26
09/01/2021	14:44:19	78791.74	394736.45	35.27	Soil	10,140	-0.96
09/01/2021	14:44:20	78791.65	394736.53	35.35	Soil	9,900	-1.13
09/01/2021	14:44:21	78791.72	394736.26	35.31	Soil	9,480	-1.42
09/01/2021	14:44:22	78791.59	394735.99	35.40	Soil	9,480	-1.42
09/01/2021	14:44:23	78791.62	394735.79	35.40	Soil	8,940	-1.80
09/01/2021	14:44:24	78791.56	394735.40	35.42	Soil	8,760	-1.93
09/01/2021	14:44:25	78791.42	394735.50	35.48	Soil	9,960	-1.09
09/01/2021	14:44:26	78791.63	394735.75	35.51	Soil	8,760	-1.93
09/01/2021	14:44:27	78791.51	394735.39	35.51	Soil	9,360	-1.51
09/01/2021	14:44:28	78791.57	394735.29	35.60	Soil	9,480	-1.42
09/01/2021	14:44:29	78791.89	394735.47	35.64	Soil	9,780	-1.21
09/01/2021	14:44:30	78791.79	394735.38	35.80	Soil	10,920	-0.41
09/01/2021	14:44:31	78792.04	394735.45	35.90	Soil	9,180	-1.64
09/01/2021	14:44:32	78792.14	394735.47	35.91	Soil	7,920	-2.52
09/01/2021	14:44:33	78791.95	394735.29	36.01	Soil	9,120	-1.68
09/01/2021	14:44:34	78792.14	394735.35	35.96	Soil	9,180	-1.64
09/01/2021	14:44:35	78792.04	394735.48	36.03	Soil	9,300	-1.55
09/01/2021	14:44:36	78792.05	394735.47	36.13	Soil	9,720	-1.26
09/01/2021	14:44:37	78792.41	394735.47	36.20	Soil	10,740	-0.54
09/01/2021	14:44:38	78792.36	394735.34	36.32	Soil	10,920	-0.41
09/01/2021	14:44:39	78792.52	394735.29	36.40	Soil	7,800	-2.60
09/01/2021	14:44:40	78792.75	394735.35	36.35	Soil	10,500	-0.71
09/01/2021	14:44:41	78792.39	394735.26	35.89	Soil	9,840	-1.17
09/01/2021	14:44:42	78792.24	394734.99	35.22	Soil	10,200	-0.92
09/01/2021	14:44:43	78792.43	394734.76	35.08	Soil	10,140	-0.96
09/01/2021	14:44:44	78792.63	394734.44	35.14	Soil	10,500	-0.71
09/01/2021	14:44:45	78792.74	394734.49	35.23	Soil	10,980	-0.37
09/01/2021	14:44:46	78792.78	394735.18	35.30	Soil	11,340	-0.12
09/01/2021	14:44:47	78792.73	394735.24	35.31	Soil	9,420	-1.47
09/01/2021	14:44:48	78792.75	394734.53	35.32	Soil	9,960	-1.09
09/01/2021	14:44:49	78792.89	394734.14	35.34	Soil	12,240	0.51
09/01/2021	14:44:50	78792.78	394734.15	35.33	Soil	10,560	-0.67
09/01/2021	14:44:51	78792.75	394734.25	35.31	Soil	10,080	-1.00
09/01/2021	14:44:52	78792.88	394734.00	35.37	Soil	11,340	-0.12
09/01/2021	14:44:53	78792.97	394734.11	35.33	Soil	9,600	-1.34
09/01/2021	14:44:54	78792.98	394734.51	35.38	Soil	11,460	-0.04
09/01/2021	14:44:55	78792.92	394734.20	35.41	Soil	10,140	-0.96
09/01/2021	14:44:56	78792.91	394734.04	35.53	Soil	10,320	-0.84
09/01/2021	14:44:57	78792.96	394734.34	35.56	Soil	9,300	-1.55
09/01/2021	14:44:58	78793.03	394734.38	35.58	Soil	9,960	-1.09
09/01/2021	14:44:59	78793.10	394734.10	35.58	Soil	9,180	-1.64
09/01/2021	14:45:00	78793.04	394734.13	35.55	Soil	10,080	-1.00
09/01/2021	14:45:01	78793.11	394734.36	35.60	Soil	10,980	-0.37
09/01/2021	14:45:02	78793.43	394734.20	35.65	Soil	9,540	-1.38
09/01/2021	14:45:03	78793.57	394734.00	35.74	Soil	10,860	-0.46
09/01/2021	14:45:04	78793.56	394734.13	35.65	Soil	10,680	-0.58
09/01/2021	14:45:05	78793.60	394734.32	35.71	Soil	9,780	-1.21
09/01/2021	14:45:06	78793.61	394734.72	35.74	Soil	10,140	-0.96

SU 7D GWS RESULTS
(SOIL)

09/01/2021	14:45:07	78793.64	394734.84	35.71	Soil	11,040	-0.33
09/01/2021	14:45:08	78793.56	394734.47	35.67	Soil	9,540	-1.38
09/01/2021	14:45:09	78793.57	394734.54	35.67	Soil	10,140	-0.96
09/01/2021	14:45:10	78793.49	394735.06	35.68	Soil	9,720	-1.26
09/01/2021	14:45:11	78793.51	394735.02	35.72	Soil	11,400	-0.08
09/01/2021	14:45:12	78793.60	394734.66	35.76	Soil	10,140	-0.96
09/01/2021	14:45:13	78793.71	394734.81	35.87	Soil	10,260	-0.88
09/01/2021	14:45:14	78793.62	394735.26	35.89	Soil	10,380	-0.79
09/01/2021	14:45:15	78793.55	394735.17	35.83	Soil	10,620	-0.62
09/01/2021	14:45:16	78793.56	394734.90	35.77	Soil	10,380	-0.79
09/01/2021	14:45:17	78793.66	394735.26	35.84	Soil	10,800	-0.50
09/01/2021	14:45:18	78793.66	394735.79	35.97	Soil	9,240	-1.59
09/01/2021	14:45:19	78793.78	394735.95	35.94	Soil	9,420	-1.47
09/01/2021	14:45:20	78794.06	394735.71	36.04	Soil	9,180	-1.64
09/01/2021	14:45:21	78794.11	394735.75	36.09	Soil	9,300	-1.55
09/01/2021	14:45:22	78794.11	394736.14	36.23	Soil	10,500	-0.71
09/01/2021	14:45:23	78794.26	394735.90	36.23	Soil	10,080	-1.00
09/01/2021	14:45:24	78794.25	394735.63	36.26	Soil	9,540	-1.38
09/01/2021	14:45:25	78794.16	394735.94	36.43	Soil	9,480	-1.42
09/01/2021	14:45:26	78794.31	394735.91	36.44	Soil	8,940	-1.80
09/01/2021	14:45:27	78794.36	394735.44	36.38	Soil	9,780	-1.21
09/01/2021	14:45:28	78794.29	394735.38	36.44	Soil	10,560	-0.67
09/01/2021	14:45:29	78794.30	394735.83	36.56	Soil	10,140	-0.96
09/01/2021	14:45:30	78794.37	394735.88	36.49	Soil	10,080	-1.00
09/01/2021	14:45:31	78794.27	394735.71	36.51	Soil	9,540	-1.38
09/01/2021	14:45:32	78794.19	394735.55	36.56	Soil	9,840	-1.17
09/01/2021	14:45:33	78794.07	394735.51	36.55	Soil	10,200	-0.92
09/01/2021	14:45:34	78793.97	394735.97	36.54	Soil	9,660	-1.30
09/01/2021	14:45:35	78793.95	394736.09	36.53	Soil	10,440	-0.75
09/01/2021	14:45:36	78793.91	394735.81	36.52	Soil	7,980	-2.48
09/01/2021	14:45:37	78793.96	394735.47	36.60	Soil	9,960	-1.09
09/01/2021	14:45:38	78794.06	394735.54	36.69	Soil	8,880	-1.85
09/01/2021	14:45:39	78794.25	394735.97	36.85	Soil	10,620	-0.62
09/01/2021	14:45:40	78794.31	394735.88	36.88	Soil	8,340	-2.22
09/01/2021	14:45:41	78794.26	394735.53	36.94	Soil	10,500	-0.71
09/01/2021	14:45:42	78794.23	394735.37	37.00	Soil	9,900	-1.13
09/01/2021	14:45:43	78794.41	394735.65	37.12	Soil	10,140	-0.96
09/01/2021	14:45:44	78794.47	394735.70	37.14	Soil	9,540	-1.38
09/01/2021	14:45:45	78794.33	394735.44	37.12	Soil	8,160	-2.35
09/01/2021	14:45:46	78794.11	394735.42	37.12	Soil	9,720	-1.26
09/01/2021	14:45:47	78793.79	394735.46	37.00	Soil	10,320	-0.84
09/01/2021	14:45:48	78793.71	394735.39	36.98	Soil	8,700	-1.97
09/01/2021	14:45:49	78793.94	394735.44	37.01	Soil	11,340	-0.12
09/01/2021	14:45:50	78793.86	394735.46	37.14	Soil	8,880	-1.85
09/01/2021	14:45:51	78793.69	394735.40	37.09	Soil	10,140	-0.96
09/01/2021	14:45:52	78793.80	394735.42	37.10	Soil	10,020	-1.05
09/01/2021	14:45:53	78793.86	394735.47	37.10	Soil	10,260	-0.88
09/01/2021	14:45:54	78793.77	394735.43	37.05	Soil	9,420	-1.47
09/01/2021	14:45:55	78793.79	394735.46	37.03	Soil	9,120	-1.68
09/01/2021	14:45:56	78793.84	394735.48	37.02	Soil	8,880	-1.85
09/01/2021	14:45:57	78793.74	394735.28	37.01	Soil	10,080	-1.00

SU 7D GWS RESULTS
(SOIL)

09/01/2021	14:45:58	78793.67	394735.08	36.99	Soil	10,920	-0.41
09/01/2021	14:45:59	78793.77	394735.29	37.08	Soil	10,260	-0.88
09/01/2021	14:46:00	78793.85	394735.28	37.16	Soil	9,600	-1.34
09/01/2021	14:46:01	78793.96	394735.07	37.22	Soil	10,080	-1.00
09/01/2021	14:46:02	78794.19	394735.23	37.33	Soil	10,440	-0.75
09/01/2021	14:46:03	78794.32	394735.20	37.38	Soil	10,260	-0.88
09/01/2021	14:46:04	78794.32	394735.03	37.35	Soil	8,520	-2.10
09/01/2021	14:46:05	78794.30	394735.21	37.38	Soil	9,900	-1.13
09/01/2021	14:46:06	78794.32	394735.19	37.42	Soil	8,400	-2.18
09/01/2021	14:46:07	78794.29	394735.04	37.39	Soil	11,220	-0.20
09/01/2021	14:46:08	78794.30	394735.17	37.38	Soil	9,840	-1.17
09/01/2021	14:46:09	78794.16	394735.24	37.20	Soil	9,120	-1.68
09/01/2021	14:46:10	78793.93	394735.28	37.01	Soil	10,140	-0.96
09/01/2021	14:46:11	78793.75	394735.24	36.87	Soil	9,360	-1.51
09/01/2021	14:46:12	78793.56	394734.73	36.94	Soil	9,660	-1.30
09/01/2021	14:46:13	78793.43	394734.25	36.92	Soil	10,680	-0.58
09/01/2021	14:46:14	78793.35	394734.61	36.91	Soil	9,960	-1.09
09/01/2021	14:46:15	78793.20	394734.98	36.85	Soil	10,020	-1.05
09/01/2021	14:46:16	78793.12	394734.41	36.64	Soil	9,780	-1.21
09/01/2021	14:46:17	78793.27	394733.99	36.59	Soil	10,020	-1.05
09/01/2021	14:46:18	78793.42	394734.22	36.57	Soil	11,460	-0.04
09/01/2021	14:46:19	78793.37	394734.59	36.70	Soil	9,180	-1.64
09/01/2021	14:46:20	78793.32	394734.40	36.65	Soil	9,060	-1.72
09/01/2021	14:46:21	78793.49	394733.94	36.63	Soil	9,660	-1.30
09/01/2021	14:46:22	78793.64	394733.93	36.63	Soil	9,960	-1.09
09/01/2021	14:46:23	78793.66	394734.27	36.68	Soil	12,540	0.72
09/01/2021	14:46:24	78793.65	394734.21	36.75	Soil	11,400	-0.08
09/01/2021	14:46:25	78793.52	394734.17	36.79	Soil	10,080	-1.00
09/01/2021	14:46:26	78793.43	394734.37	36.77	Soil	10,620	-0.62
09/01/2021	14:46:27	78793.46	394734.35	36.71	Soil	10,620	-0.62
09/01/2021	14:46:28	78793.62	394733.90	36.67	Soil	11,940	0.30
09/01/2021	14:46:29	78793.58	394733.67	36.55	Soil	9,000	-1.76
09/01/2021	14:46:30	78793.29	394733.96	36.39	Soil	10,380	-0.79
09/01/2021	14:46:31	78793.50	394734.08	36.34	Soil	10,020	-1.05
09/01/2021	14:46:32	78793.53	394734.13	36.32	Soil	10,140	-0.96
09/01/2021	14:46:33	78793.48	394734.07	36.38	Soil	11,820	0.22
09/01/2021	14:46:34	78793.69	394733.94	36.48	Soil	9,420	-1.47
09/01/2021	14:46:35	78793.54	394733.91	36.42	Soil	10,440	-0.75
09/01/2021	14:46:36	78793.54	394733.90	36.39	Soil	10,980	-0.37
09/01/2021	14:46:37	78793.67	394733.94	36.38	Soil	11,760	0.18
09/01/2021	14:46:38	78793.74	394733.94	36.35	Soil	11,520	0.01
09/01/2021	14:46:39	78793.71	394733.91	36.52	Soil	7,920	-2.52
09/01/2021	14:46:40	78793.68	394733.89	36.70	Soil	10,260	-0.88
09/01/2021	14:46:41	78793.67	394733.88	36.83	Soil	10,560	-0.67
09/01/2021	14:46:42	78793.67	394733.86	36.94	Soil	10,860	-0.46
09/01/2021	14:46:43	78793.69	394733.85	36.99	Soil	11,280	-0.16
09/01/2021	14:46:44	78793.67	394733.82	37.07	Soil	11,520	0.01
09/01/2021	14:46:45	78793.68	394733.79	37.13	Soil	10,680	-0.58
09/01/2021	14:46:46	78793.69	394733.77	37.22	Soil	11,100	-0.29
09/01/2021	14:46:47	78793.69	394733.76	37.30	Soil	10,200	-0.92
09/01/2021	14:46:48	78793.69	394733.75	37.37	Soil	10,320	-0.84

SU 7D GWS RESULTS
(SOIL)

09/01/2021	14:46:49	78793.72	394733.70	37.43	Soil	10,440	-0.75
09/01/2021	14:46:50	78793.80	394733.65	37.47	Soil	10,740	-0.54
09/01/2021	14:46:51	78793.91	394733.68	37.45	Soil	12,300	0.55
09/01/2021	14:46:52	78793.90	394733.70	37.54	Soil	10,080	-1.00
09/01/2021	14:46:53	78793.91	394733.68	37.59	Soil	9,300	-1.55
09/01/2021	14:46:54	78793.75	394733.65	37.73	Soil	11,580	0.05
09/01/2021	14:46:55	78793.80	394733.60	37.76	Soil	11,040	-0.33
09/01/2021	14:46:56	78793.79	394733.59	37.85	Soil	10,440	-0.75
09/01/2021	14:46:57	78793.80	394733.58	37.93	Soil	10,320	-0.84
09/01/2021	14:46:58	78793.83	394733.60	38.00	Soil	10,200	-0.92
09/01/2021	14:46:59	78793.85	394733.58	38.07	Soil	9,420	-1.47
09/01/2021	14:47:00	78793.88	394733.56	38.13	Soil	10,620	-0.62
09/01/2021	14:47:01	78793.89	394733.54	38.19	Soil	9,960	-1.09
09/01/2021	14:47:02	78793.90	394733.53	38.25	Soil	9,840	-1.17
09/01/2021	14:47:03	78793.89	394733.51	38.32	Soil	9,120	-1.68
09/01/2021	14:47:04	78793.92	394733.50	38.37	Soil	11,580	0.05
09/01/2021	14:47:05	78793.93	394733.49	38.42	Soil	10,200	-0.92
09/01/2021	14:47:06	78793.93	394733.47	38.47	Soil	9,120	-1.68
09/01/2021	14:47:07	78793.95	394733.46	38.49	Soil	10,680	-0.58
09/01/2021	14:47:08	78793.95	394733.45	38.48	Soil	9,540	-1.38
09/01/2021	14:47:09	78793.93	394733.42	38.48	Soil	9,900	-1.13
09/01/2021	14:47:10	78793.92	394733.41	38.49	Soil	11,160	-0.25
09/01/2021	14:47:11	78793.90	394733.38	38.51	Soil	11,460	-0.04
09/01/2021	14:47:12	78793.87	394733.37	38.53	Soil	11,280	-0.16
09/01/2021	14:47:13	78793.85	394733.45	38.58	Soil	11,280	-0.16
09/01/2021	14:47:14	78793.87	394733.75	38.67	Soil	10,080	-1.00
09/01/2021	14:47:15	78793.75	394733.71	38.74	Soil	8,160	-2.35
09/01/2021	14:47:16	78793.72	394733.76	38.72	Soil	10,020	-1.05
09/01/2021	14:47:17	78793.71	394734.20	38.62	Soil	9,900	-1.13
09/01/2021	14:47:18	78793.64	394734.12	38.63	Soil	9,360	-1.51
09/01/2021	14:47:19	78793.64	394734.04	38.61	Soil	12,360	0.60
09/01/2021	14:47:20	78793.65	394734.39	38.62	Soil	10,500	-0.71
09/01/2021	14:47:21	78793.72	394734.48	38.59	Soil	9,720	-1.26
09/01/2021	14:47:22	78793.70	394734.03	38.57	Soil	10,140	-0.96
09/01/2021	14:47:23	78793.87	394733.83	38.63	Soil	10,920	-0.41
09/01/2021	14:47:24	78793.90	394734.06	38.58	Soil	9,660	-1.30
09/01/2021	14:47:25	78793.70	394733.82	38.58	Soil	10,020	-1.05
09/01/2021	14:47:26	78793.64	394733.37	38.61	Soil	10,320	-0.84
09/01/2021	14:47:27	78793.84	394733.56	38.63	Soil	10,800	-0.50
09/01/2021	14:47:28	78793.79	394733.66	38.65	Soil	9,900	-1.13
09/01/2021	14:47:29	78793.63	394733.51	38.75	Soil	11,040	-0.33
09/01/2021	14:47:30	78793.66	394733.76	38.66	Soil	9,780	-1.21
09/01/2021	14:47:31	78793.57	394733.76	38.77	Soil	10,440	-0.75
09/01/2021	14:47:32	78793.54	394733.13	38.85	Soil	9,180	-1.64
09/01/2021	14:47:33	78793.58	394732.99	38.76	Soil	10,260	-0.88
09/01/2021	14:47:34	78793.60	394733.43	38.71	Soil	9,180	-1.64
09/01/2021	14:47:35	78793.66	394733.27	38.70	Soil	10,680	-0.58
09/01/2021	14:47:36	78793.84	394733.11	38.72	Soil	9,960	-1.09
09/01/2021	14:47:37	78793.85	394733.05	38.86	Soil	10,620	-0.62
09/01/2021	14:47:38	78793.86	394732.94	38.91	Soil	11,640	0.09
09/01/2021	14:47:39	78793.89	394732.89	38.93	Soil	9,540	-1.38

SU 7D GWS RESULTS
(SOIL)

09/01/2021	14:47:40	78793.80	394732.91	38.94	Soil	10,740	-0.54
09/01/2021	14:47:41	78793.80	394732.91	38.94	Soil	9,360	-1.51
09/01/2021	14:47:42	78793.92	394732.95	38.93	Soil	9,720	-1.26
09/01/2021	14:47:43	78793.91	394732.98	38.92	Soil	10,260	-0.88
09/01/2021	14:47:44	78793.78	394732.94	38.95	Soil	10,800	-0.50
09/01/2021	14:47:45	78793.79	394732.88	38.98	Soil	9,300	-1.55
09/01/2021	14:47:46	78793.86	394732.90	39.05	Soil	11,160	-0.25
09/01/2021	14:47:47	78793.60	394732.93	39.12	Soil	10,740	-0.54
09/01/2021	14:47:48	78793.28	394732.93	38.89	Soil	9,000	-1.76
09/01/2021	14:47:49	78793.39	394732.97	38.80	Soil	9,240	-1.59
09/01/2021	14:47:50	78793.55	394733.01	38.82	Soil	11,760	0.18
09/01/2021	14:47:51	78793.32	394732.99	38.80	Soil	11,160	-0.25
09/01/2021	14:47:52	78793.13	394733.19	38.69	Soil	9,780	-1.21
09/01/2021	14:47:53	78793.42	394733.29	38.68	Soil	10,260	-0.88
09/01/2021	14:47:54	78793.35	394733.26	38.64	Soil	10,320	-0.84
09/01/2021	14:47:55	78793.16	394733.33	38.63	Soil	11,520	0.01
09/01/2021	14:47:56	78793.18	394733.23	38.61	Soil	10,260	-0.88
09/01/2021	14:47:57	78793.42	394732.96	38.81	Soil	10,800	-0.50
09/01/2021	14:47:58	78793.41	394732.95	38.80	Soil	9,900	-1.13
09/01/2021	14:47:59	78793.31	394733.20	38.79	Soil	9,720	-1.26
09/01/2021	14:48:00	78793.46	394733.09	38.79	Soil	10,560	-0.67
09/01/2021	14:48:01	78793.44	394732.95	38.78	Soil	10,500	-0.71
09/01/2021	14:48:02	78793.16	394733.12	38.76	Soil	10,980	-0.37
09/01/2021	14:48:03	78793.26	394733.11	38.75	Soil	9,840	-1.17
09/01/2021	14:48:04	78793.47	394732.95	38.80	Soil	9,900	-1.13
09/01/2021	14:48:05	78793.22	394732.88	38.77	Soil	8,760	-1.93
09/01/2021	14:48:06	78793.09	394732.80	38.78	Soil	9,600	-1.34
09/01/2021	14:48:07	78793.31	394732.68	38.80	Soil	9,780	-1.21
09/01/2021	14:48:08	78793.20	394732.58	38.76	Soil	10,380	-0.79
09/01/2021	14:48:09	78792.99	394732.43	38.77	Soil	10,860	-0.46
09/01/2021	14:48:10	78793.16	394732.14	38.78	Soil	9,420	-1.47
09/01/2021	14:48:11	78793.22	394731.93	38.76	Soil	10,920	-0.41
09/01/2021	14:48:12	78792.97	394731.86	38.71	Soil	11,040	-0.33
09/01/2021	14:48:13	78792.99	394731.91	38.67	Soil	9,900	-1.13
09/01/2021	14:48:14	78793.14	394731.89	38.68	Soil	10,140	-0.96
09/01/2021	14:48:15	78792.96	394731.88	38.57	Soil	10,860	-0.46
09/01/2021	14:48:16	78792.77	394732.08	38.32	Soil	10,680	-0.58
09/01/2021	14:48:17	78792.77	394732.27	38.21	Soil	10,080	-1.00
09/01/2021	14:48:18	78792.66	394732.24	38.21	Soil	11,100	-0.29
09/01/2021	14:48:19	78792.44	394732.35	38.13	Soil	11,220	-0.20
09/01/2021	14:48:20	78792.30	394732.29	38.05	Soil	10,620	-0.62
09/01/2021	14:48:21	78792.27	394732.19	38.02	Soil	9,900	-1.13
09/01/2021	14:48:22	78792.21	394732.21	37.97	Soil	10,500	-0.71
09/01/2021	14:48:23	78791.96	394732.03	38.00	Soil	9,540	-1.38
09/01/2021	14:48:24	78791.76	394731.90	37.93	Soil	9,780	-1.21
09/01/2021	14:48:25	78791.78	394732.12	37.87	Soil	9,960	-1.09
09/01/2021	14:48:26	78791.69	394732.09	37.84	Soil	10,140	-0.96
09/01/2021	14:48:27	78791.41	394731.93	37.74	Soil	9,540	-1.38
09/01/2021	14:48:28	78791.26	394732.02	37.67	Soil	10,920	-0.41
09/01/2021	14:48:29	78791.21	394731.91	37.58	Soil	10,560	-0.67
09/01/2021	14:48:30	78791.06	394731.81	37.42	Soil	10,260	-0.88

SU 7D GWS RESULTS
(SOIL)

09/01/2021	14:48:31	78790.92	394732.09	37.22	Soil	9,180	-1.64
09/01/2021	14:48:32	78790.87	394732.12	37.16	Soil	8,580	-2.06
09/01/2021	14:48:33	78790.81	394732.01	37.13	Soil	9,420	-1.47
09/01/2021	14:48:34	78790.75	394732.02	37.09	Soil	7,980	-2.48
09/01/2021	14:48:35	78790.57	394732.19	37.04	Soil	9,840	-1.17
09/01/2021	14:48:36	78790.37	394732.17	37.00	Soil	10,020	-1.05
09/01/2021	14:48:37	78790.30	394731.97	37.03	Soil	9,480	-1.42
09/01/2021	14:48:38	78790.24	394732.01	36.96	Soil	9,660	-1.30
09/01/2021	14:48:39	78790.06	394732.24	36.80	Soil	9,060	-1.72
09/01/2021	14:48:40	78789.92	394732.11	36.77	Soil	9,540	-1.38
09/01/2021	14:48:41	78789.87	394731.94	36.78	Soil	9,780	-1.21
09/01/2021	14:48:42	78789.79	394732.10	36.69	Soil	9,840	-1.17
09/01/2021	14:48:43	78789.59	394732.31	36.50	Soil	10,080	-1.00
09/01/2021	14:48:44	78789.46	394732.20	36.44	Soil	8,640	-2.01
09/01/2021	14:48:45	78789.42	394732.04	36.50	Soil	8,640	-2.01
09/01/2021	14:48:46	78789.31	394731.95	36.46	Soil	9,240	-1.59
09/01/2021	14:48:47	78789.16	394732.10	36.43	Soil	9,780	-1.21
09/01/2021	14:49:34	78789.25	394731.53	36.17	Soil	10,440	-0.75
09/01/2021	14:49:35	78789.40	394731.80	36.17	Soil	9,720	-1.26
09/01/2021	14:49:36	78789.39	394731.59	36.27	Soil	9,600	-1.34
09/01/2021	14:49:37	78789.47	394731.45	36.28	Soil	10,140	-0.96
09/01/2021	14:49:38	78789.64	394731.74	36.28	Soil	9,660	-1.30
09/01/2021	14:49:39	78789.70	394731.78	36.25	Soil	9,600	-1.34
09/01/2021	14:49:40	78789.71	394731.48	36.21	Soil	10,620	-0.62
09/01/2021	14:49:41	78789.75	394731.55	36.17	Soil	9,480	-1.42
09/01/2021	14:49:42	78789.82	394731.84	36.12	Soil	9,180	-1.64
09/01/2021	14:49:43	78789.91	394731.75	36.15	Soil	9,000	-1.76
09/01/2021	14:49:44	78790.00	394731.49	36.18	Soil	10,140	-0.96
09/01/2021	14:49:45	78790.13	394731.71	36.16	Soil	9,480	-1.42
09/01/2021	14:49:46	78790.28	394731.93	36.09	Soil	9,900	-1.13
09/01/2021	14:49:47	78790.43	394731.74	36.25	Soil	10,080	-1.00
09/01/2021	14:49:48	78790.58	394731.59	36.25	Soil	10,620	-0.62
09/01/2021	14:49:49	78790.72	394731.88	36.21	Soil	9,480	-1.42
09/01/2021	14:49:50	78790.84	394732.08	36.16	Soil	10,800	-0.50
09/01/2021	14:49:51	78790.90	394731.74	36.24	Soil	9,060	-1.72
09/01/2021	14:49:52	78791.01	394731.63	36.27	Soil	10,260	-0.88
09/01/2021	14:49:53	78791.27	394732.01	36.24	Soil	9,480	-1.42
09/01/2021	14:49:54	78791.42	394732.16	36.23	Soil	11,880	0.26
09/01/2021	14:49:55	78791.41	394731.84	36.27	Soil	10,440	-0.75
09/01/2021	14:49:56	78791.44	394731.65	36.25	Soil	10,800	-0.50
09/01/2021	14:49:57	78791.48	394731.67	36.19	Soil	10,980	-0.37
09/01/2021	14:49:58	78791.55	394731.87	36.21	Soil	9,780	-1.21
09/01/2021	14:49:59	78791.75	394732.03	36.23	Soil	9,720	-1.26
09/01/2021	14:50:00	78791.87	394731.73	36.35	Soil	10,920	-0.41
09/01/2021	14:50:01	78791.89	394731.66	36.30	Soil	11,160	-0.25
09/01/2021	14:50:02	78791.93	394732.13	36.13	Soil	8,340	-2.22
09/01/2021	14:50:03	78791.92	394732.10	36.15	Soil	11,580	0.05
09/01/2021	14:50:04	78792.12	394731.77	36.28	Soil	9,840	-1.17
09/01/2021	14:50:05	78792.42	394732.00	36.22	Soil	9,360	-1.51
09/01/2021	14:50:06	78792.50	394732.09	36.35	Soil	10,920	-0.41
09/01/2021	14:50:07	78792.52	394731.81	36.39	Soil	9,840	-1.17

SU 7D GWS RESULTS
(SOIL)

09/01/2021	14:50:08	78792.47	394731.93	36.34	Soil	10,440	-0.75
09/01/2021	14:50:09	78792.45	394732.15	36.29	Soil	9,960	-1.09
09/01/2021	14:50:10	78792.54	394731.97	36.34	Soil	10,320	-0.84
09/01/2021	14:50:11	78792.88	394731.85	36.41	Soil	9,900	-1.13
09/01/2021	14:50:12	78792.98	394731.95	36.52	Soil	9,960	-1.09
09/01/2021	14:50:13	78792.96	394731.91	36.43	Soil	9,900	-1.13
09/01/2021	14:50:14	78792.93	394731.92	36.21	Soil	10,440	-0.75
09/01/2021	14:50:15	78792.93	394732.01	36.17	Soil	11,700	0.13
09/01/2021	14:50:16	78792.90	394732.02	36.19	Soil	12,120	0.43
09/01/2021	14:50:17	78792.95	394732.04	36.17	Soil	10,440	-0.75
09/01/2021	14:50:18	78793.01	394732.08	36.14	Soil	10,380	-0.79
09/01/2021	14:50:19	78793.02	394732.22	36.13	Soil	10,740	-0.54
09/01/2021	14:50:20	78793.01	394732.28	36.10	Soil	9,660	-1.30
09/01/2021	14:50:21	78793.00	394732.27	36.10	Soil	11,280	-0.16
09/01/2021	14:50:22	78793.00	394732.27	36.08	Soil	10,980	-0.37
09/01/2021	14:50:23	78792.94	394732.17	36.16	Soil	9,360	-1.51
09/01/2021	14:50:24	78792.96	394732.02	36.20	Soil	11,880	0.26
09/01/2021	14:50:25	78793.00	394731.99	36.22	Soil	10,380	-0.79
09/01/2021	14:50:26	78792.96	394732.03	36.20	Soil	11,400	-0.08
09/01/2021	14:50:27	78792.94	394732.02	36.18	Soil	10,200	-0.92
09/01/2021	14:50:28	78793.01	394732.00	36.16	Soil	10,560	-0.67
09/01/2021	14:50:29	78793.02	394732.00	36.12	Soil	10,020	-1.05
09/01/2021	14:50:30	78792.98	394731.87	36.17	Soil	10,860	-0.46
09/01/2021	14:50:31	78792.94	394731.65	36.26	Soil	10,260	-0.88
09/01/2021	14:50:32	78792.93	394731.78	36.15	Soil	10,260	-0.88
09/01/2021	14:50:33	78792.91	394732.40	36.10	Soil	10,740	-0.54
09/01/2021	14:50:34	78792.84	394732.42	36.07	Soil	9,660	-1.30
09/01/2021	14:50:35	78792.79	394732.18	36.06	Soil	10,560	-0.67
09/01/2021	14:50:36	78792.85	394732.31	36.15	Soil	10,500	-0.71
09/01/2021	14:50:37	78792.95	394732.52	36.13	Soil	10,440	-0.75
09/01/2021	14:50:38	78792.90	394732.25	36.13	Soil	10,920	-0.41
09/01/2021	14:50:39	78792.83	394731.82	36.20	Soil	11,160	-0.25
09/01/2021	14:50:40	78792.85	394731.88	36.20	Soil	10,740	-0.54
09/01/2021	14:50:41	78792.88	394732.18	36.22	Soil	11,940	0.30
09/01/2021	14:50:42	78792.88	394732.16	36.26	Soil	9,660	-1.30
09/01/2021	14:50:43	78792.84	394731.99	36.25	Soil	12,480	0.68
09/01/2021	14:50:44	78792.82	394731.90	36.28	Soil	11,280	-0.16
09/01/2021	14:50:45	78792.85	394731.87	36.31	Soil	10,020	-1.05
09/01/2021	14:50:46	78792.73	394731.81	36.39	Soil	11,700	0.13
09/01/2021	14:50:47	78792.61	394731.91	36.33	Soil	9,960	-1.09
09/01/2021	14:50:48	78792.59	394732.21	36.29	Soil	10,740	-0.54
09/01/2021	14:50:49	78792.60	394732.40	36.31	Soil	10,260	-0.88
09/01/2021	14:50:50	78792.64	394732.09	36.31	Soil	10,860	-0.46
09/01/2021	14:50:51	78792.74	394731.79	36.39	Soil	11,820	0.22
09/01/2021	14:50:52	78792.77	394732.08	36.41	Soil	9,900	-1.13
09/01/2021	14:50:53	78792.76	394732.38	36.44	Soil	10,080	-1.00
09/01/2021	14:50:54	78792.74	394732.14	36.37	Soil	11,280	-0.16
09/01/2021	14:50:55	78792.75	394731.82	36.42	Soil	11,640	0.09
09/01/2021	14:50:56	78792.73	394731.95	36.41	Soil	10,680	-0.58
09/01/2021	14:50:57	78792.69	394732.05	36.41	Soil	11,040	-0.33
09/01/2021	14:50:58	78792.69	394731.86	36.43	Soil	11,460	-0.04

SU 7D GWS RESULTS
(SOIL)

09/01/2021	14:50:59	78792.74	394731.81	36.41	Soil	10,440	-0.75
09/01/2021	14:51:00	78792.77	394731.97	36.46	Soil	10,380	-0.79
09/01/2021	14:51:01	78792.73	394731.98	36.50	Soil	9,420	-1.47
09/01/2021	14:51:02	78792.70	394731.86	36.51	Soil	10,620	-0.62
09/01/2021	14:51:03	78792.70	394731.86	36.50	Soil	11,100	-0.29
09/01/2021	14:51:04	78792.69	394731.97	36.50	Soil	11,700	0.13
09/01/2021	14:51:05	78792.70	394732.12	36.94	Soil	11,940	0.30
09/01/2021	14:51:06	78792.71	394732.24	36.98	Soil	8,580	-2.06
09/01/2021	14:51:07	78792.66	394732.37	37.04	Soil	10,140	-0.96
09/01/2021	14:51:08	78792.64	394732.58	37.04	Soil	11,580	0.05
09/01/2021	14:51:09	78792.65	394732.79	37.06	Soil	10,560	-0.67
09/01/2021	14:51:10	78792.65	394732.89	36.95	Soil	10,860	-0.46
09/01/2021	14:51:11	78792.65	394732.82	36.96	Soil	9,840	-1.17
09/01/2021	14:51:12	78792.65	394732.76	36.96	Soil	8,940	-1.80
09/01/2021	14:51:13	78792.63	394732.76	36.84	Soil	10,860	-0.46
09/01/2021	14:51:14	78792.61	394732.58	36.90	Soil	10,560	-0.67
09/01/2021	14:51:15	78792.61	394732.41	36.90	Soil	9,600	-1.34
09/01/2021	14:51:16	78792.65	394732.57	36.89	Soil	10,200	-0.92
09/01/2021	14:51:17	78792.65	394732.62	36.85	Soil	10,020	-1.05
09/01/2021	14:51:18	78792.57	394732.36	36.95	Soil	9,300	-1.55
09/01/2021	14:51:19	78792.60	394732.33	36.91	Soil	10,080	-1.00
09/01/2021	14:51:20	78792.68	394732.51	36.84	Soil	9,480	-1.42
09/01/2021	14:51:21	78792.62	394732.51	36.85	Soil	10,860	-0.46
09/01/2021	14:51:22	78792.49	394732.66	36.76	Soil	10,320	-0.84
09/01/2021	14:51:23	78792.38	394732.88	36.64	Soil	10,500	-0.71
09/01/2021	14:51:24	78792.22	394732.78	36.58	Soil	9,000	-1.76
09/01/2021	14:51:25	78792.14	394732.66	36.50	Soil	10,200	-0.92
09/01/2021	14:51:26	78792.01	394732.85	36.48	Soil	9,600	-1.34
09/01/2021	14:51:27	78791.78	394732.96	36.41	Soil	10,380	-0.79
09/01/2021	14:51:28	78791.73	394732.68	36.35	Soil	12,240	0.51
09/01/2021	14:51:29	78791.77	394732.68	36.38	Soil	9,240	-1.59
09/01/2021	14:51:30	78791.71	394732.76	36.45	Soil	11,100	-0.29
09/01/2021	14:51:31	78791.50	394732.57	36.35	Soil	9,720	-1.26
09/01/2021	14:51:32	78791.43	394732.58	36.14	Soil	10,020	-1.05
09/01/2021	14:51:33	78791.50	394732.81	36.15	Soil	10,020	-1.05
09/01/2021	14:51:34	78791.52	394732.95	36.12	Soil	8,100	-2.39
09/01/2021	14:51:35	78791.46	394732.93	36.11	Soil	10,260	-0.88
09/01/2021	14:51:36	78791.43	394732.76	36.13	Soil	9,900	-1.13
09/01/2021	14:51:37	78791.59	394732.61	36.20	Soil	9,600	-1.34
09/01/2021	14:51:38	78791.63	394732.78	36.14	Soil	11,160	-0.25
09/01/2021	14:51:39	78791.62	394733.20	36.08	Soil	10,380	-0.79
09/01/2021	14:51:40	78791.56	394733.07	36.14	Soil	9,540	-1.38
09/01/2021	14:51:41	78791.57	394732.56	36.25	Soil	9,420	-1.47
09/01/2021	14:51:42	78791.66	394732.55	36.25	Soil	9,120	-1.68
09/01/2021	14:51:43	78791.66	394732.77	36.35	Soil	10,620	-0.62
09/01/2021	14:51:44	78791.65	394732.77	36.36	Soil	11,040	-0.33
09/01/2021	14:51:45	78791.62	394732.65	36.37	Soil	9,960	-1.09
09/01/2021	14:51:46	78791.51	394732.61	36.41	Soil	9,900	-1.13
09/01/2021	14:51:47	78791.50	394732.70	36.39	Soil	9,120	-1.68
09/01/2021	14:51:48	78791.57	394732.67	36.36	Soil	10,200	-0.92
09/01/2021	14:51:49	78791.63	394732.62	36.30	Soil	9,240	-1.59

SU 7D GWS RESULTS
(SOIL)

09/01/2021	14:51:50	78791.63	394732.76	36.37	Soil	11,340	-0.12
09/01/2021	14:51:51	78791.69	394732.88	36.32	Soil	10,080	-1.00
09/01/2021	14:51:52	78791.68	394733.06	36.31	Soil	10,260	-0.88
09/01/2021	14:51:53	78791.62	394733.32	36.33	Soil	9,720	-1.26
09/01/2021	14:51:54	78791.64	394733.28	36.38	Soil	10,800	-0.50
09/01/2021	14:51:55	78791.71	394733.18	36.37	Soil	12,000	0.34
09/01/2021	14:51:56	78791.79	394733.54	36.36	Soil	10,320	-0.84
09/01/2021	14:51:57	78791.83	394733.82	36.37	Soil	9,720	-1.26
09/01/2021	14:51:58	78791.69	394733.52	36.41	Soil	10,620	-0.62
09/01/2021	14:51:59	78791.53	394733.30	36.51	Soil	10,620	-0.62
09/01/2021	14:52:00	78791.51	394733.59	36.40	Soil	9,480	-1.42
09/01/2021	14:52:01	78791.44	394733.62	36.38	Soil	9,720	-1.26
09/01/2021	14:52:02	78791.51	394733.31	36.43	Soil	9,240	-1.59
09/01/2021	14:52:03	78791.68	394733.37	36.44	Soil	10,080	-1.00
09/01/2021	14:52:04	78791.68	394733.56	36.42	Soil	9,600	-1.34
09/01/2021	14:52:05	78791.69	394733.51	36.37	Soil	10,800	-0.50
09/01/2021	14:52:06	78791.67	394733.43	36.40	Soil	9,180	-1.64
09/01/2021	14:52:07	78791.73	394733.39	36.48	Soil	10,380	-0.79
09/01/2021	14:52:08	78791.85	394733.38	36.50	Soil	10,860	-0.46
09/01/2021	14:52:09	78791.83	394733.44	36.49	Soil	10,140	-0.96
09/01/2021	14:52:10	78791.80	394733.44	36.49	Soil	10,020	-1.05
09/01/2021	14:52:11	78791.84	394733.37	36.48	Soil	9,900	-1.13
09/01/2021	14:52:12	78791.76	394733.34	36.48	Soil	10,980	-0.37
09/01/2021	14:52:13	78791.71	394733.31	36.48	Soil	9,240	-1.59
09/01/2021	14:52:14	78791.68	394733.41	36.50	Soil	10,260	-0.88
09/01/2021	14:52:15	78791.62	394733.56	36.50	Soil	12,000	0.34
09/01/2021	14:52:16	78791.62	394733.41	36.52	Soil	10,800	-0.50
09/01/2021	14:52:17	78791.62	394733.28	36.52	Soil	9,720	-1.26
09/01/2021	14:52:18	78791.64	394733.58	36.45	Soil	10,740	-0.54
09/01/2021	14:52:19	78791.71	394733.56	36.54	Soil	11,100	-0.29
09/01/2021	14:52:20	78791.91	394733.27	36.68	Soil	9,180	-1.64
09/01/2021	14:52:21	78792.11	394733.34	36.80	Soil	10,080	-1.00
09/01/2021	14:52:22	78792.16	394733.49	36.75	Soil	11,760	0.18
09/01/2021	14:52:23	78792.15	394733.18	36.76	Soil	11,220	-0.20
09/01/2021	14:52:24	78792.20	394732.98	36.81	Soil	10,800	-0.50
09/01/2021	14:52:25	78792.23	394733.37	36.79	Soil	11,280	-0.16
09/01/2021	14:52:26	78792.24	394733.59	36.69	Soil	10,380	-0.79
09/01/2021	14:52:27	78792.31	394733.48	36.73	Soil	16,080	3.21
09/01/2021	14:52:28	78792.32	394733.08	36.75	Soil	8,880	-1.85
09/01/2021	14:52:29	78792.22	394733.10	36.68	Soil	9,720	-1.26
09/01/2021	14:52:30	78792.18	394733.45	36.66	Soil	10,860	-0.46
09/01/2021	14:52:31	78792.29	394733.43	36.60	Soil	11,040	-0.33
09/01/2021	14:52:32	78792.23	394733.21	36.62	Soil	8,640	-2.01
09/01/2021	14:52:33	78792.25	394733.20	36.62	Soil	10,260	-0.88
09/01/2021	14:52:34	78792.25	394733.44	36.67	Soil	10,980	-0.37
09/01/2021	14:52:35	78792.32	394733.37	36.75	Soil	11,940	0.30
09/01/2021	14:52:36	78792.48	394733.15	36.86	Soil	9,000	-1.76
09/01/2021	14:52:37	78792.58	394733.36	36.94	Soil	10,140	-0.96
09/01/2021	14:52:38	78792.67	394733.53	36.95	Soil	8,640	-2.01
09/01/2021	14:52:39	78792.76	394733.10	37.01	Soil	11,340	-0.12
09/01/2021	14:52:40	78792.80	394732.88	37.02	Soil	11,400	-0.08

SU 7D GWS RESULTS
(SOIL)

09/01/2021	14:52:41	78792.78	394733.39	36.96	Soil	10,320	-0.84
09/01/2021	14:52:42	78792.79	394733.58	37.03	Soil	11,280	-0.16
09/01/2021	14:52:43	78793.11	394733.14	37.11	Soil	9,900	-1.13
09/01/2021	14:52:44	78793.34	394733.11	37.12	Soil	11,640	0.09
09/01/2021	14:52:45	78793.37	394733.43	37.17	Soil	11,220	-0.20
09/01/2021	14:52:46	78793.36	394733.50	37.16	Soil	11,400	-0.08
09/01/2021	14:52:47	78793.24	394733.14	37.20	Soil	9,540	-1.38
09/01/2021	14:52:48	78793.21	394733.01	37.25	Soil	10,020	-1.05
09/01/2021	14:52:49	78793.31	394733.39	37.38	Soil	10,320	-0.84
09/01/2021	14:52:50	78793.47	394733.56	37.38	Soil	10,920	-0.41
09/01/2021	14:52:51	78793.52	394733.16	37.38	Soil	11,580	0.05
09/01/2021	14:52:52	78793.66	394733.05	37.44	Soil	10,800	-0.50
09/01/2021	14:52:53	78793.82	394733.50	37.54	Soil	9,480	-1.42
09/01/2021	14:52:54	78793.86	394733.48	37.52	Soil	9,720	-1.26
09/01/2021	14:52:55	78793.83	394733.08	37.54	Soil	11,820	0.22
09/01/2021	14:52:56	78793.91	394732.98	37.61	Soil	10,920	-0.41
09/01/2021	14:52:57	78793.84	394733.07	37.59	Soil	9,060	-1.72
09/01/2021	14:52:58	78793.77	394733.19	37.65	Soil	10,200	-0.92
09/01/2021	14:52:59	78793.76	394733.10	37.66	Soil	8,100	-2.39
09/01/2021	14:53:00	78793.74	394732.98	37.65	Soil	10,740	-0.54
09/01/2021	14:53:01	78793.77	394733.04	37.66	Soil	10,440	-0.75
09/01/2021	14:53:02	78793.81	394733.02	37.65	Soil	9,720	-1.26
09/01/2021	14:53:03	78793.80	394732.88	37.70	Soil	10,380	-0.79
09/01/2021	14:53:04	78793.76	394733.12	37.77	Soil	11,220	-0.20
09/01/2021	14:53:05	78793.80	394733.49	37.85	Soil	9,960	-1.09
09/01/2021	14:53:06	78793.88	394733.26	37.83	Soil	11,100	-0.29
09/01/2021	14:53:07	78793.82	394733.01	37.87	Soil	10,080	-1.00
09/01/2021	14:53:08	78793.77	394733.21	37.84	Soil	9,120	-1.68
09/01/2021	14:53:09	78793.87	394733.32	37.84	Soil	10,980	-0.37
09/01/2021	14:53:10	78793.86	394733.09	37.88	Soil	11,160	-0.25
09/01/2021	14:53:11	78793.74	394733.08	37.87	Soil	10,080	-1.00
09/01/2021	14:53:12	78793.79	394733.30	37.77	Soil	10,980	-0.37
09/01/2021	14:53:13	78793.87	394733.22	37.71	Soil	10,380	-0.79
09/01/2021	14:53:14	78793.81	394732.98	37.78	Soil	9,480	-1.42
09/01/2021	14:53:15	78793.81	394733.01	37.75	Soil	9,960	-1.09
09/01/2021	14:53:16	78793.84	394733.18	37.79	Soil	10,260	-0.88
09/01/2021	14:53:17	78793.73	394733.09	37.79	Soil	9,240	-1.59
09/01/2021	14:53:18	78793.70	394733.16	37.75	Soil	10,920	-0.41
09/01/2021	14:53:19	78793.89	394733.36	37.73	Soil	10,680	-0.58
09/01/2021	14:53:20	78794.06	394733.31	37.83	Soil	12,240	0.51
09/01/2021	14:53:21	78794.07	394733.08	37.92	Soil	10,500	-0.71
09/01/2021	14:53:22	78794.16	394733.09	37.93	Soil	11,040	-0.33
09/01/2021	14:53:23	78794.20	394733.17	38.07	Soil	11,700	0.13
09/01/2021	14:53:24	78794.10	394733.11	37.99	Soil	9,540	-1.38
09/01/2021	14:53:25	78794.03	394733.13	37.97	Soil	9,360	-1.51
09/01/2021	14:53:26	78794.00	394732.99	37.97	Soil	10,920	-0.41
09/01/2021	14:53:27	78793.94	394732.66	37.93	Soil	9,540	-1.38
09/01/2021	14:53:28	78793.92	394732.39	37.95	Soil	10,020	-1.05
09/01/2021	14:53:29	78793.95	394732.14	37.92	Soil	10,620	-0.62
09/01/2021	14:53:30	78793.94	394731.85	37.92	Soil	10,800	-0.50
09/01/2021	14:53:31	78793.92	394731.84	37.92	Soil	10,860	-0.46

SU 7D GWS RESULTS
(SOIL)

09/01/2021	14:53:32	78793.93	394732.14	37.89	Soil	10,020	-1.05
09/01/2021	14:53:33	78793.94	394732.21	37.88	Soil	10,800	-0.50
09/01/2021	14:53:34	78793.94	394732.02	37.90	Soil	11,280	-0.16
09/01/2021	14:53:35	78793.94	394732.11	37.90	Soil	10,920	-0.41
09/01/2021	14:53:36	78793.94	394732.38	37.91	Soil	11,760	0.18
09/01/2021	14:53:37	78793.94	394732.25	38.07	Soil	10,020	-1.05
09/01/2021	14:53:38	78793.94	394732.08	37.69	Soil	10,260	-0.88
09/01/2021	14:53:39	78793.81	394732.26	37.59	Soil	9,480	-1.42
09/01/2021	14:53:40	78793.62	394732.28	37.55	Soil	10,440	-0.75
09/01/2021	14:53:41	78793.55	394732.25	37.47	Soil	11,640	0.09
09/01/2021	14:53:42	78793.45	394732.41	37.41	Soil	10,440	-0.75
09/01/2021	14:53:43	78793.42	394732.32	37.43	Soil	12,060	0.39
09/01/2021	14:53:44	78793.55	394732.16	37.53	Soil	10,140	-0.96
09/01/2021	14:53:45	78793.56	394732.07	37.71	Soil	10,020	-1.05
09/01/2021	14:53:46	78793.46	394732.03	37.66	Soil	8,640	-2.01
09/01/2021	14:53:47	78793.53	394732.08	37.67	Soil	10,740	-0.54
09/01/2021	14:53:48	78793.62	394732.10	37.69	Soil	11,220	-0.20
09/01/2021	14:53:49	78793.53	394732.06	37.66	Soil	10,740	-0.54
09/01/2021	14:53:50	78793.53	394732.06	37.62	Soil	9,180	-1.64
09/01/2021	14:53:51	78793.67	394732.19	37.48	Soil	11,220	-0.20
09/01/2021	14:53:52	78793.70	394732.16	37.61	Soil	10,260	-0.88
09/01/2021	14:53:53	78793.67	394732.21	37.71	Soil	10,440	-0.75
09/01/2021	14:53:54	78793.71	394732.35	37.63	Soil	12,120	0.43
09/01/2021	14:53:55	78793.70	394732.21	37.68	Soil	10,440	-0.75
09/01/2021	14:53:56	78793.61	394732.08	37.61	Soil	10,080	-1.00
09/01/2021	14:53:57	78793.58	394732.21	37.48	Soil	11,160	-0.25
09/01/2021	14:53:58	78793.65	394732.22	37.50	Soil	10,080	-1.00
09/01/2021	14:53:59	78793.71	394732.19	37.48	Soil	10,320	-0.84
09/01/2021	14:54:00	78793.62	394732.34	37.46	Soil	9,840	-1.17
09/01/2021	14:54:01	78793.50	394732.24	37.50	Soil	10,620	-0.62
09/01/2021	14:54:02	78793.54	394732.11	37.55	Soil	10,680	-0.58
09/01/2021	14:54:03	78793.66	394732.25	37.56	Soil	10,320	-0.84
09/01/2021	14:54:04	78793.62	394732.25	37.49	Soil	10,920	-0.41
09/01/2021	14:54:05	78793.53	394732.07	37.49	Soil	10,020	-1.05
09/01/2021	14:54:06	78793.50	394732.17	37.46	Soil	10,080	-1.00
09/01/2021	14:54:07	78793.34	394732.29	37.39	Soil	10,860	-0.46
09/01/2021	14:54:08	78793.14	394732.08	37.41	Soil	10,380	-0.79
09/01/2021	14:54:09	78793.06	394732.09	37.33	Soil	10,800	-0.50
09/01/2021	14:54:10	78792.99	394732.30	37.19	Soil	10,080	-1.00
09/01/2021	14:54:11	78792.85	394732.22	37.10	Soil	10,500	-0.71
09/01/2021	14:54:12	78792.68	394732.16	36.95	Soil	10,740	-0.54
09/01/2021	14:54:13	78792.57	394732.27	36.83	Soil	11,400	-0.08
09/01/2021	14:54:14	78792.51	394732.21	36.80	Soil	9,480	-1.42
09/01/2021	14:54:15	78792.41	394732.24	36.73	Soil	11,100	-0.29
09/01/2021	14:54:16	78792.31	394732.16	36.74	Soil	10,920	-0.41
09/01/2021	14:54:17	78792.23	394732.01	36.69	Soil	13,860	1.65
09/01/2021	14:54:18	78792.03	394732.03	36.62	Soil	11,580	0.05
09/01/2021	14:54:19	78791.72	394732.14	36.52	Soil	11,280	-0.16
09/01/2021	14:54:20	78791.60	394732.15	36.43	Soil	9,600	-1.34
09/01/2021	14:54:21	78791.75	394731.99	36.42	Soil	10,200	-0.92
09/01/2021	14:54:22	78791.70	394732.07	36.32	Soil	12,180	0.47

SU 7D GWS RESULTS
(SOIL)

09/01/2021	14:54:23	78791.40	394732.24	36.14	Soil	9,600	-1.34
09/01/2021	14:54:24	78791.22	394732.09	36.17	Soil	9,360	-1.51
09/01/2021	14:54:25	78791.16	394731.98	36.19	Soil	10,620	-0.62
09/01/2021	14:54:26	78791.01	394732.19	36.07	Soil	9,840	-1.17
09/01/2021	14:54:27	78790.82	394732.40	35.91	Soil	10,440	-0.75
09/01/2021	14:54:28	78790.79	394732.15	35.93	Soil	8,100	-2.39
09/01/2021	14:54:29	78790.75	394731.99	35.91	Soil	10,680	-0.58
09/01/2021	14:54:30	78790.61	394732.28	35.77	Soil	9,960	-1.09
09/01/2021	14:54:31	78790.43	394732.48	35.65	Soil	9,180	-1.64
09/01/2021	14:54:32	78790.31	394732.21	35.65	Soil	10,020	-1.05
09/01/2021	14:54:33	78790.23	394732.05	35.61	Soil	9,240	-1.59
09/01/2021	14:54:34	78790.13	394732.23	35.60	Soil	9,540	-1.38
09/01/2021	14:54:35	78790.06	394732.32	35.68	Soil	9,360	-1.51
09/01/2021	14:54:36	78790.14	394732.19	35.69	Soil	9,600	-1.34
09/01/2021	14:54:37	78790.18	394732.02	35.67	Soil	9,480	-1.42
09/01/2021	14:54:38	78790.10	394731.61	35.64	Soil	11,160	-0.25
09/01/2021	14:54:39	78790.11	394731.36	35.65	Soil	9,360	-1.51
09/01/2021	14:54:40	78790.18	394731.21	35.62	Soil	10,380	-0.79
09/01/2021	14:54:41	78790.17	394731.22	35.64	Soil	11,100	-0.29
09/01/2021	14:54:42	78790.19	394731.21	35.61	Soil	11,040	-0.33
09/01/2021	14:54:43	78790.19	394731.20	35.64	Soil	9,660	-1.30
09/01/2021	14:54:44	78790.20	394731.21	35.60	Soil	9,600	-1.34
09/01/2021	14:54:45	78790.20	394731.20	35.60	Soil	10,140	-0.96
09/01/2021	14:54:46	78790.13	394731.22	35.66	Soil	10,380	-0.79
09/01/2021	14:54:47	78790.14	394731.22	35.70	Soil	9,900	-1.13
09/01/2021	14:54:48	78790.18	394731.14	35.74	Soil	8,700	-1.97
09/01/2021	14:54:49	78790.15	394731.02	35.79	Soil	9,600	-1.34
09/01/2021	14:54:50	78790.14	394731.03	35.84	Soil	11,100	-0.29
09/01/2021	14:54:51	78790.10	394731.23	35.81	Soil	11,640	0.09
09/01/2021	14:54:52	78790.12	394731.24	35.88	Soil	9,060	-1.72
09/01/2021	14:54:53	78790.22	394731.03	35.97	Soil	8,940	-1.80
09/01/2021	14:54:54	78790.34	394731.16	35.93	Soil	11,100	-0.29
09/01/2021	14:54:55	78790.44	394731.41	35.90	Soil	10,080	-1.00
09/01/2021	14:54:56	78790.56	394731.15	35.98	Soil	11,100	-0.29
09/01/2021	14:54:57	78790.74	394731.00	36.05	Soil	9,180	-1.64
09/01/2021	14:54:58	78790.91	394731.36	36.04	Soil	9,900	-1.13
09/01/2021	14:54:59	78790.97	394731.45	36.13	Soil	11,220	-0.20
09/01/2021	14:55:00	78791.02	394731.13	36.22	Soil	10,140	-0.96
09/01/2021	14:55:01	78791.15	394731.17	36.23	Soil	10,320	-0.84
09/01/2021	14:55:02	78791.28	394731.43	36.30	Soil	11,520	0.01
09/01/2021	14:55:03	78791.38	394731.26	36.43	Soil	10,500	-0.71
09/01/2021	14:55:04	78791.57	394731.11	36.50	Soil	9,120	-1.68
09/01/2021	14:55:05	78791.76	394731.29	36.51	Soil	10,020	-1.05
09/01/2021	14:55:06	78791.88	394731.28	36.66	Soil	8,700	-1.97
09/01/2021	14:55:07	78792.10	394731.31	36.69	Soil	9,960	-1.09
09/01/2021	14:55:08	78792.35	394731.59	36.67	Soil	11,160	-0.25
09/01/2021	14:55:09	78792.47	394731.62	36.75	Soil	9,360	-1.51
09/01/2021	14:55:10	78792.54	394731.47	36.92	Soil	10,080	-1.00
09/01/2021	14:55:11	78792.69	394731.56	37.00	Soil	10,560	-0.67
09/01/2021	14:55:12	78792.82	394731.70	37.03	Soil	10,860	-0.46
09/01/2021	14:55:13	78792.93	394731.52	37.11	Soil	10,380	-0.79

SU 7D GWS RESULTS
(SOIL)

09/01/2021	14:55:14	78792.96	394731.45	37.12	Soil	13,140	1.14
09/01/2021	14:55:15	78793.06	394731.72	37.20	Soil	10,500	-0.71
09/01/2021	14:55:16	78793.31	394731.72	37.24	Soil	8,700	-1.97
09/01/2021	14:55:17	78793.48	394731.41	37.36	Soil	9,960	-1.09
09/01/2021	14:55:18	78793.54	394731.43	37.36	Soil	9,540	-1.38
09/01/2021	14:55:19	78793.57	394731.82	37.32	Soil	10,140	-0.96
09/01/2021	14:55:20	78793.67	394731.72	37.41	Soil	11,220	-0.20
09/01/2021	14:55:21	78793.89	394731.37	37.53	Soil	10,800	-0.50
09/01/2021	14:55:22	78794.04	394731.53	37.49	Soil	10,440	-0.75
09/01/2021	14:55:23	78794.05	394731.70	37.55	Soil	9,480	-1.42
09/01/2021	14:55:24	78794.11	394731.52	37.63	Soil	9,900	-1.13
09/01/2021	14:55:25	78794.23	394731.46	37.60	Soil	11,340	-0.12
09/01/2021	14:55:26	78794.24	394731.54	37.59	Soil	10,860	-0.46
09/01/2021	14:55:27	78794.15	394731.49	37.60	Soil	9,660	-1.30
09/01/2021	14:55:28	78794.10	394731.32	37.59	Soil	11,040	-0.33
09/01/2021	14:55:29	78794.16	394731.12	37.58	Soil	11,280	-0.16
09/01/2021	14:55:30	78794.26	394731.03	37.56	Soil	12,000	0.34
09/01/2021	14:55:31	78794.28	394730.96	37.52	Soil	9,240	-1.59
09/01/2021	14:55:32	78794.29	394730.92	37.53	Soil	10,440	-0.75
09/01/2021	14:55:33	78794.26	394730.95	37.55	Soil	10,200	-0.92
09/01/2021	14:55:34	78794.19	394730.98	37.58	Soil	9,480	-1.42
09/01/2021	14:55:35	78794.06	394730.99	37.53	Soil	10,500	-0.71
09/01/2021	14:55:36	78793.92	394730.88	37.59	Soil	10,980	-0.37
09/01/2021	14:55:37	78793.79	394730.80	37.45	Soil	10,920	-0.41
09/01/2021	14:55:38	78793.68	394731.02	37.32	Soil	9,840	-1.17
09/01/2021	14:55:39	78793.60	394731.06	37.27	Soil	10,620	-0.62
09/01/2021	14:55:40	78793.56	394730.77	37.29	Soil	9,660	-1.30
09/01/2021	14:55:41	78793.41	394730.66	37.28	Soil	10,740	-0.54
09/01/2021	14:55:42	78793.22	394730.99	37.17	Soil	10,680	-0.58
09/01/2021	14:55:43	78793.13	394731.21	37.10	Soil	11,820	0.22
09/01/2021	14:55:44	78792.94	394730.95	37.05	Soil	9,540	-1.38
09/01/2021	14:55:45	78792.81	394730.79	37.10	Soil	10,080	-1.00
09/01/2021	14:55:46	78792.87	394730.86	37.10	Soil	9,480	-1.42
09/01/2021	14:55:47	78792.94	394730.69	37.20	Soil	10,920	-0.41
09/01/2021	14:55:48	78792.86	394730.56	37.20	Soil	10,500	-0.71
09/01/2021	14:55:49	78792.70	394730.81	37.08	Soil	9,960	-1.09
09/01/2021	14:55:50	78792.65	394730.90	36.99	Soil	10,380	-0.79
09/01/2021	14:55:51	78792.74	394730.55	37.06	Soil	9,660	-1.30
09/01/2021	14:55:52	78792.66	394730.52	36.98	Soil	12,240	0.51
09/01/2021	14:55:53	78792.48	394730.89	36.83	Soil	10,740	-0.54
09/01/2021	14:55:54	78792.32	394730.90	36.73	Soil	10,140	-0.96
09/01/2021	14:55:55	78792.19	394730.55	36.81	Soil	10,500	-0.71
09/01/2021	14:55:56	78792.18	394730.63	36.70	Soil	10,800	-0.50
09/01/2021	14:55:57	78792.19	394731.02	36.59	Soil	10,560	-0.67
09/01/2021	14:55:58	78792.16	394730.87	36.66	Soil	10,260	-0.88
09/01/2021	14:55:59	78792.10	394730.38	36.74	Soil	12,060	0.39
09/01/2021	14:56:00	78791.94	394730.33	36.68	Soil	11,280	-0.16
09/01/2021	14:56:01	78791.88	394730.82	36.56	Soil	9,900	-1.13
09/01/2021	14:56:02	78791.89	394731.06	36.56	Soil	10,080	-1.00
09/01/2021	14:56:03	78791.72	394730.69	36.60	Soil	10,560	-0.67
09/01/2021	14:56:04	78791.70	394730.55	36.59	Soil	11,280	-0.16

SU 7D GWS RESULTS
(SOIL)

09/01/2021	14:56:05	78791.58	394730.75	36.47	Soil	10,920	-0.41
09/01/2021	14:56:06	78791.36	394730.82	36.37	Soil	10,440	-0.75
09/01/2021	14:56:07	78791.31	394730.58	36.41	Soil	9,960	-1.09
09/01/2021	14:56:08	78791.29	394730.58	36.29	Soil	9,900	-1.13
09/01/2021	14:56:09	78791.16	394730.90	36.09	Soil	10,860	-0.46
09/01/2021	14:56:10	78790.92	394730.81	36.13	Soil	10,200	-0.92
09/01/2021	14:56:11	78790.75	394730.38	36.11	Soil	10,740	-0.54
09/01/2021	14:56:12	78790.65	394730.41	36.07	Soil	11,400	-0.08
09/01/2021	14:56:13	78790.50	394730.81	35.95	Soil	9,480	-1.42
09/01/2021	14:56:14	78790.37	394730.66	35.97	Soil	11,040	-0.33
09/01/2021	14:56:15	78790.34	394730.55	36.01	Soil	9,960	-1.09
09/01/2021	14:56:16	78790.28	394730.62	35.93	Soil	9,720	-1.26
09/01/2021	14:56:17	78790.05	394730.37	35.70	Soil	10,260	-0.88
09/01/2021	14:56:18	78790.01	394730.17	35.68	Soil	9,720	-1.26
09/01/2021	14:56:19	78790.09	394730.16	35.70	Soil	10,500	-0.71
09/01/2021	14:56:20	78790.12	394730.16	35.73	Soil	11,400	-0.08
09/01/2021	14:56:21	78790.14	394730.16	35.75	Soil	9,600	-1.34
09/01/2021	14:56:22	78790.16	394730.16	35.78	Soil	10,080	-1.00
09/01/2021	14:56:23	78790.19	394730.24	35.91	Soil	9,840	-1.17
09/01/2021	14:56:24	78790.32	394730.49	36.17	Soil	9,840	-1.17
09/01/2021	14:56:25	78790.39	394730.40	36.17	Soil	9,600	-1.34
09/01/2021	14:56:26	78790.34	394730.33	36.16	Soil	8,700	-1.97
09/01/2021	14:56:27	78790.31	394730.39	36.13	Soil	10,380	-0.79
09/01/2021	14:56:28	78790.27	394730.36	36.12	Soil	10,380	-0.79
09/01/2021	14:56:29	78790.27	394730.32	36.08	Soil	9,900	-1.13
09/01/2021	14:56:30	78790.25	394730.20	35.98	Soil	11,340	-0.12
09/01/2021	14:56:31	78790.27	394730.19	36.05	Soil	9,420	-1.47
09/01/2021	14:56:32	78790.37	394730.36	36.28	Soil	10,800	-0.50
09/01/2021	14:56:33	78790.36	394730.42	36.26	Soil	10,020	-1.05
09/01/2021	14:56:34	78790.32	394730.38	36.25	Soil	10,800	-0.50
09/01/2021	14:56:35	78790.38	394730.41	36.24	Soil	10,920	-0.41
09/01/2021	14:56:36	78790.37	394730.42	36.24	Soil	9,060	-1.72
09/01/2021	14:56:37	78790.35	394730.37	36.22	Soil	9,960	-1.09
09/01/2021	14:56:38	78790.41	394730.41	36.22	Soil	9,120	-1.68
09/01/2021	14:56:39	78790.39	394730.42	36.20	Soil	9,960	-1.09
09/01/2021	14:56:40	78790.37	394730.39	36.18	Soil	10,740	-0.54
09/01/2021	14:56:41	78790.42	394730.42	36.17	Soil	9,840	-1.17
09/01/2021	14:56:42	78790.41	394730.42	36.13	Soil	10,500	-0.71
09/01/2021	14:56:43	78790.39	394730.39	36.10	Soil	8,580	-2.06
09/01/2021	14:56:44	78790.44	394730.42	36.10	Soil	10,980	-0.37
09/01/2021	14:56:45	78790.44	394730.42	36.12	Soil	11,220	-0.20
09/01/2021	14:56:46	78790.50	394730.41	36.21	Soil	10,680	-0.58
09/01/2021	14:56:47	78790.72	394730.46	36.28	Soil	9,000	-1.76
09/01/2021	14:56:48	78790.84	394730.46	36.30	Soil	10,260	-0.88
09/01/2021	14:56:49	78790.80	394730.45	36.17	Soil	10,080	-1.00
09/01/2021	14:56:50	78790.77	394730.55	36.01	Soil	10,740	-0.54
09/01/2021	14:56:51	78790.78	394730.47	36.01	Soil	9,360	-1.51
09/01/2021	14:56:52	78790.86	394730.35	36.09	Soil	9,060	-1.72
09/01/2021	14:56:53	78790.91	394730.55	36.10	Soil	9,780	-1.21
09/01/2021	14:56:54	78790.84	394730.62	36.08	Soil	11,640	0.09
09/01/2021	14:56:55	78790.76	394730.49	36.08	Soil	9,780	-1.21

SU 7D GWS RESULTS
(SOIL)

09/01/2021	14:56:56	78790.80	394730.50	36.07	Soil	10,200	-0.92
09/01/2021	14:56:57	78790.83	394730.58	36.10	Soil	10,740	-0.54
09/01/2021	14:56:58	78790.81	394730.49	36.08	Soil	10,200	-0.92
09/01/2021	14:56:59	78790.91	394730.45	36.16	Soil	9,480	-1.42
09/01/2021	14:57:00	78791.08	394730.56	36.23	Soil	11,040	-0.33
09/01/2021	14:57:01	78791.17	394730.58	36.31	Soil	8,460	-2.14
09/01/2021	14:57:02	78791.34	394730.54	36.42	Soil	10,980	-0.37
09/01/2021	14:57:03	78791.57	394730.60	36.42	Soil	11,040	-0.33
09/01/2021	14:57:04	78791.66	394730.59	36.43	Soil	10,920	-0.41
09/01/2021	14:57:05	78791.74	394730.52	36.62	Soil	11,160	-0.25
09/01/2021	14:57:06	78791.98	394730.64	36.66	Soil	11,460	-0.04
09/01/2021	14:57:07	78792.05	394730.72	36.67	Soil	10,440	-0.75
09/01/2021	14:57:08	78791.91	394730.58	36.71	Soil	10,560	-0.67
09/01/2021	14:57:09	78791.95	394730.58	36.68	Soil	9,180	-1.64
09/01/2021	14:57:10	78792.02	394730.65	36.71	Soil	9,360	-1.51
09/01/2021	14:57:11	78791.98	394730.60	36.81	Soil	10,020	-1.05
09/01/2021	14:57:12	78792.18	394730.60	36.88	Soil	10,920	-0.41
09/01/2021	14:57:13	78792.45	394730.68	36.97	Soil	10,080	-1.00
09/01/2021	14:57:14	78792.47	394730.68	37.07	Soil	10,740	-0.54
09/01/2021	14:57:15	78792.65	394730.70	37.16	Soil	9,720	-1.26
09/01/2021	14:57:16	78792.93	394730.77	37.26	Soil	9,420	-1.47
09/01/2021	14:57:17	78792.99	394730.76	37.35	Soil	10,560	-0.67
09/01/2021	14:57:18	78793.12	394730.77	37.43	Soil	10,800	-0.50
09/01/2021	14:57:19	78793.36	394730.84	37.46	Soil	8,580	-2.06
09/01/2021	14:57:20	78793.31	394730.81	37.50	Soil	9,900	-1.13
09/01/2021	14:57:21	78793.25	394730.78	37.49	Soil	10,140	-0.96
09/01/2021	14:57:22	78793.42	394730.81	37.51	Soil	10,620	-0.62
09/01/2021	14:57:23	78793.38	394730.63	37.51	Soil	10,260	-0.88
09/01/2021	14:57:24	78793.34	394730.23	37.51	Soil	10,440	-0.75
09/01/2021	14:57:25	78793.52	394730.07	37.49	Soil	10,980	-0.37
09/01/2021	14:57:26	78793.46	394730.15	37.51	Soil	10,500	-0.71
09/01/2021	14:57:27	78793.33	394730.18	37.50	Soil	10,680	-0.58
09/01/2021	14:57:28	78793.49	394730.07	37.30	Soil	11,580	0.05
09/01/2021	14:57:29	78793.58	394730.10	37.23	Soil	11,100	-0.29
09/01/2021	14:57:30	78793.33	394730.35	37.11	Soil	10,200	-0.92
09/01/2021	14:57:31	78793.23	394730.34	37.19	Soil	10,500	-0.71
09/01/2021	14:57:32	78793.44	394730.09	37.23	Soil	9,300	-1.55
09/01/2021	14:57:33	78793.49	394730.28	37.19	Soil	9,060	-1.72
09/01/2021	14:57:34	78793.28	394730.93	37.08	Soil	10,500	-0.71
09/01/2021	14:57:35	78793.09	394731.18	37.01	Soil	9,720	-1.26
09/01/2021	14:57:36	78793.13	394730.87	37.05	Soil	9,660	-1.30
09/01/2021	14:57:37	78793.23	394730.44	37.15	Soil	9,900	-1.13
09/01/2021	14:57:38	78793.19	394730.45	37.16	Soil	9,120	-1.68
09/01/2021	14:57:39	78793.18	394730.95	37.10	Soil	10,500	-0.71
09/01/2021	14:57:40	78793.33	394731.60	37.10	Soil	9,900	-1.13
09/01/2021	14:57:41	78793.50	394731.74	37.13	Soil	10,500	-0.71
09/01/2021	14:57:42	78793.59	394731.53	37.32	Soil	9,840	-1.17
09/01/2021	14:57:43	78793.69	394731.42	37.32	Soil	11,580	0.05
09/01/2021	14:57:44	78793.77	394731.55	37.33	Soil	10,500	-0.71
09/01/2021	14:57:45	78793.83	394731.92	37.25	Soil	9,360	-1.51
09/01/2021	14:57:46	78793.88	394731.86	37.24	Soil	10,260	-0.88

SU 7D GWS RESULTS
(SOIL)

09/01/2021	14:57:47	78793.87	394731.43	37.29	Soil	10,500	-0.71
09/01/2021	14:57:48	78793.93	394731.44	37.38	Soil	9,720	-1.26
09/01/2021	14:57:49	78793.94	394731.76	37.33	Soil	10,080	-1.00
09/01/2021	14:57:50	78793.61	394731.62	37.12	Soil	11,160	-0.25
09/01/2021	14:57:51	78793.09	394731.12	36.90	Soil	10,800	-0.50
09/01/2021	14:57:52	78792.97	394730.76	36.96	Soil	10,200	-0.92
09/01/2021	14:57:53	78793.26	394730.64	37.08	Soil	10,860	-0.46
09/01/2021	14:57:54	78793.50	394730.30	37.15	Soil	12,180	0.47
09/01/2021	14:57:55	78793.42	394730.06	37.13	Soil	10,440	-0.75
09/01/2021	14:57:56	78793.21	394730.44	37.18	Soil	10,800	-0.50
09/01/2021	14:57:57	78793.21	394730.71	37.08	Soil	9,900	-1.13
09/01/2021	14:57:58	78793.35	394730.23	37.06	Soil	10,740	-0.54
09/01/2021	14:57:59	78793.48	394729.72	37.16	Soil	10,800	-0.50
09/01/2021	14:58:00	78793.44	394729.84	37.00	Soil	10,620	-0.62
09/01/2021	14:58:01	78793.28	394730.15	36.87	Soil	9,300	-1.55
09/01/2021	14:58:02	78793.17	394729.98	36.95	Soil	9,360	-1.51
09/01/2021	14:58:03	78793.11	394729.80	36.91	Soil	12,000	0.34
09/01/2021	14:58:04	78793.00	394730.10	36.86	Soil	9,900	-1.13
09/01/2021	14:58:05	78793.01	394730.19	36.91	Soil	10,320	-0.84
09/01/2021	14:58:06	78793.24	394729.89	37.04	Soil	9,780	-1.21
09/01/2021	14:58:07	78793.28	394730.01	36.97	Soil	9,540	-1.38
09/01/2021	14:58:08	78793.07	394730.54	36.94	Soil	11,220	-0.20
09/01/2021	14:58:09	78793.11	394730.65	36.96	Soil	10,260	-0.88
09/01/2021	14:58:10	78793.31	394730.39	37.01	Soil	8,220	-2.31
09/01/2021	14:58:11	78793.28	394730.40	37.01	Soil	10,320	-0.84
09/01/2021	14:58:12	78793.22	394730.49	37.06	Soil	10,560	-0.67
09/01/2021	14:58:13	78793.45	394730.23	37.11	Soil	9,720	-1.26
09/01/2021	14:58:14	78793.63	394730.10	37.12	Soil	10,620	-0.62
09/01/2021	14:58:15	78793.61	394730.48	37.03	Soil	9,960	-1.09
09/01/2021	14:58:16	78793.77	394730.60	37.18	Soil	9,840	-1.17
09/01/2021	14:58:17	78794.06	394730.24	37.40	Soil	10,560	-0.67
09/01/2021	14:58:18	78794.16	394730.32	37.36	Soil	11,220	-0.20
09/01/2021	14:58:19	78794.12	394730.83	37.42	Soil	10,080	-1.00
09/01/2021	14:58:20	78794.16	394730.73	37.41	Soil	8,820	-1.89
09/01/2021	14:58:21	78794.27	394730.25	37.44	Soil	10,140	-0.96
09/01/2021	14:58:22	78794.24	394730.37	37.37	Soil	10,980	-0.37
09/01/2021	14:58:23	78794.12	394730.76	37.38	Soil	11,880	0.26
09/01/2021	14:58:24	78794.14	394730.58	37.39	Soil	10,980	-0.37
09/01/2021	14:58:25	78794.23	394730.28	37.38	Soil	10,500	-0.71
09/01/2021	14:58:26	78794.20	394730.47	37.35	Soil	10,560	-0.67
09/01/2021	14:58:27	78794.12	394730.70	37.35	Soil	11,460	-0.04
09/01/2021	14:58:28	78794.18	394730.48	37.37	Soil	9,180	-1.64
09/01/2021	14:58:29	78794.21	394730.34	37.35	Soil	9,540	-1.38
09/01/2021	14:58:30	78794.15	394730.59	37.36	Soil	10,920	-0.41
09/01/2021	14:58:31	78794.15	394730.64	37.36	Soil	10,620	-0.62
09/01/2021	14:58:32	78794.23	394730.42	37.37	Soil	11,820	0.22
09/01/2021	14:58:33	78794.21	394730.43	37.36	Soil	10,080	-1.00
09/01/2021	14:58:34	78794.15	394730.61	37.35	Soil	10,500	-0.71
09/01/2021	14:58:35	78794.18	394730.57	37.33	Soil	10,740	-0.54
09/01/2021	14:58:36	78794.21	394730.40	37.35	Soil	10,440	-0.75
09/01/2021	14:58:37	78794.19	394730.42	37.33	Soil	10,800	-0.50

SU 7D GWS RESULTS
(SOIL)

09/01/2021	15:04:47	78798.62	394736.96	39.57	Soil	10,920	-0.41
09/01/2021	15:04:48	78798.62	394736.96	39.52	Soil	10,440	-0.75
09/01/2021	15:04:49	78798.62	394736.97	39.50	Soil	10,500	-0.71
09/01/2021	15:04:50	78798.59	394736.98	39.46	Soil	10,920	-0.41
09/01/2021	15:04:51	78798.57	394736.99	39.59	Soil	10,860	-0.46
09/01/2021	15:04:52	78798.50	394737.06	39.58	Soil	11,520	0.01
09/01/2021	15:04:53	78798.44	394737.14	39.52	Soil	12,120	0.43
09/01/2021	15:04:54	78798.45	394737.22	39.55	Soil	11,040	-0.33
09/01/2021	15:04:55	78798.36	394737.26	39.50	Soil	10,140	-0.96
09/01/2021	15:04:56	78798.37	394737.39	39.51	Soil	9,960	-1.09
09/01/2021	15:04:57	78798.54	394737.54	39.50	Soil	11,220	-0.20
09/01/2021	15:04:58	78798.38	394737.61	39.48	Soil	10,440	-0.75
09/01/2021	15:04:59	78798.32	394737.71	39.48	Soil	10,620	-0.62
09/01/2021	15:05:00	78798.60	394737.88	39.47	Soil	9,120	-1.68
09/01/2021	15:05:01	78798.56	394737.97	39.47	Soil	9,360	-1.51
09/01/2021	15:05:02	78798.24	394738.02	39.47	Soil	10,380	-0.79
09/01/2021	15:05:03	78798.27	394738.15	39.43	Soil	9,240	-1.59
09/01/2021	15:05:04	78798.37	394738.35	39.47	Soil	9,540	-1.38
09/01/2021	15:05:05	78798.28	394738.51	39.48	Soil	9,600	-1.34
09/01/2021	15:05:06	78798.20	394738.70	39.46	Soil	10,440	-0.75
09/01/2021	15:05:07	78798.30	394738.79	39.45	Soil	9,780	-1.21
09/01/2021	15:05:08	78798.20	394738.77	39.46	Soil	10,260	-0.88
09/01/2021	15:05:09	78798.11	394738.63	39.44	Soil	9,960	-1.09
09/01/2021	15:05:10	78798.25	394738.58	39.41	Soil	9,240	-1.59
09/01/2021	15:05:11	78798.25	394738.46	39.46	Soil	9,360	-1.51
09/01/2021	15:05:12	78798.17	394738.23	39.43	Soil	9,420	-1.47
09/01/2021	15:05:13	78798.34	394738.12	39.41	Soil	9,300	-1.55
09/01/2021	15:05:14	78798.30	394737.96	39.42	Soil	10,260	-0.88
09/01/2021	15:05:15	78798.35	394737.82	39.31	Soil	10,980	-0.37
09/01/2021	15:05:16	78798.33	394737.97	39.36	Soil	11,460	-0.04
09/01/2021	15:05:17	78798.02	394737.94	39.35	Soil	9,240	-1.59
09/01/2021	15:05:18	78798.01	394737.86	39.30	Soil	9,720	-1.26
09/01/2021	15:05:19	78798.19	394737.93	39.29	Soil	9,360	-1.51
09/01/2021	15:05:20	78798.01	394738.01	39.18	Soil	12,360	0.60
09/01/2021	15:05:21	78797.92	394738.05	39.11	Soil	10,500	-0.71
09/01/2021	15:05:22	78798.05	394738.04	39.10	Soil	9,300	-1.55
09/01/2021	15:05:23	78797.97	394737.87	39.10	Soil	10,080	-1.00
09/01/2021	15:05:24	78798.15	394737.73	39.04	Soil	10,380	-0.79
09/01/2021	15:05:25	78798.26	394737.65	39.06	Soil	10,020	-1.05
09/01/2021	15:05:26	78797.94	394737.51	38.96	Soil	9,840	-1.17
09/01/2021	15:05:27	78797.95	394737.53	38.95	Soil	10,320	-0.84
09/01/2021	15:05:28	78798.33	394737.50	38.97	Soil	10,560	-0.67
09/01/2021	15:05:29	78798.36	394737.26	38.99	Soil	12,060	0.39
09/01/2021	15:05:30	78798.03	394737.01	38.92	Soil	10,260	-0.88
09/01/2021	15:05:31	78798.10	394736.92	38.87	Soil	9,540	-1.38
09/01/2021	15:05:32	78798.27	394737.06	38.85	Soil	9,900	-1.13
09/01/2021	15:05:33	78798.06	394736.98	38.86	Soil	10,740	-0.54
09/01/2021	15:05:34	78798.25	394736.88	38.89	Soil	11,040	-0.33
09/01/2021	15:05:35	78798.42	394736.79	38.84	Soil	9,780	-1.21
09/01/2021	15:05:36	78798.11	394736.64	38.81	Soil	10,860	-0.46
09/01/2021	15:05:37	78798.20	394736.62	38.87	Soil	10,140	-0.96

SU 7D GWS RESULTS
(SOIL)

09/01/2021	15:05:38	78798.63	394736.78	38.85	Soil	11,160	-0.25
09/01/2021	15:05:39	78798.51	394736.80	38.84	Soil	12,120	0.43
09/01/2021	15:05:40	78798.37	394736.89	38.84	Soil	9,420	-1.47
09/01/2021	15:05:41	78798.89	394736.99	38.91	Soil	10,560	-0.67
09/01/2021	15:05:42	78799.15	394736.82	38.85	Soil	11,760	0.18
09/01/2021	15:05:43	78798.84	394736.74	38.85	Soil	12,540	0.72
09/01/2021	15:05:44	78798.64	394736.70	38.90	Soil	11,040	-0.33
09/01/2021	15:05:45	78798.79	394736.53	38.86	Soil	11,400	-0.08
09/01/2021	15:05:46	78798.56	394736.56	38.89	Soil	12,780	0.89
09/01/2021	15:05:47	78798.47	394736.68	38.93	Soil	10,440	-0.75
09/01/2021	15:05:48	78798.49	394736.68	38.91	Soil	11,940	0.30
09/01/2021	15:05:49	78798.22	394736.66	38.95	Soil	10,560	-0.67
09/01/2021	15:05:50	78798.08	394736.52	38.86	Soil	9,840	-1.17
09/01/2021	15:05:51	78798.37	394736.64	38.91	Soil	10,800	-0.50
09/01/2021	15:05:52	78798.26	394736.79	38.84	Soil	11,340	-0.12
09/01/2021	15:05:53	78798.17	394736.73	38.81	Soil	11,040	-0.33
09/01/2021	15:05:54	78798.40	394736.67	38.82	Soil	11,460	-0.04
09/01/2021	15:05:55	78798.28	394736.52	38.75	Soil	10,980	-0.37
09/01/2021	15:05:56	78798.17	394736.40	38.72	Soil	11,160	-0.25
09/01/2021	15:05:57	78798.52	394736.41	38.74	Soil	11,340	-0.12
09/01/2021	15:05:58	78798.56	394736.36	38.71	Soil	11,940	0.30
09/01/2021	15:05:59	78798.25	394736.30	38.69	Soil	11,580	0.05
09/01/2021	15:06:00	78798.47	394736.29	38.72	Soil	11,220	-0.20
09/01/2021	15:06:01	78798.69	394736.20	38.69	Soil	11,940	0.30
09/01/2021	15:06:02	78798.35	394735.95	38.62	Soil	8,520	-2.10
09/01/2021	15:06:03	78798.33	394735.83	38.66	Soil	9,900	-1.13
09/01/2021	15:06:04	78798.65	394735.96	38.69	Soil	9,600	-1.34
09/01/2021	15:06:05	78798.52	394735.86	38.65	Soil	11,040	-0.33
09/01/2021	15:06:06	78798.51	394735.68	38.69	Soil	9,900	-1.13
09/01/2021	15:06:07	78798.87	394735.65	38.71	Soil	10,920	-0.41
09/01/2021	15:06:08	78798.84	394735.61	38.67	Soil	11,400	-0.08
09/01/2021	15:06:09	78798.46	394735.53	38.67	Soil	11,100	-0.29
09/01/2021	15:06:10	78798.67	394735.49	38.74	Soil	10,740	-0.54
09/01/2021	15:06:11	78799.07	394735.36	38.65	Soil	13,680	1.52
09/01/2021	15:06:12	78798.78	394735.05	38.67	Soil	11,820	0.22
09/01/2021	15:06:13	78798.71	394734.80	38.68	Soil	9,240	-1.59
09/01/2021	15:06:14	78798.98	394734.77	38.64	Soil	10,620	-0.62
09/01/2021	15:06:15	78799.02	394734.92	38.62	Soil	10,560	-0.67
09/01/2021	15:06:16	78798.64	394734.97	38.61	Soil	10,560	-0.67
09/01/2021	15:06:17	78798.77	394734.87	38.64	Soil	11,100	-0.29
09/01/2021	15:06:18	78799.11	394734.71	38.68	Soil	10,620	-0.62
09/01/2021	15:06:19	78798.90	394734.48	38.72	Soil	10,560	-0.67
09/01/2021	15:06:20	78798.61	394734.35	38.69	Soil	10,200	-0.92
09/01/2021	15:06:21	78798.87	394734.48	38.68	Soil	11,820	0.22
09/01/2021	15:06:22	78799.07	394734.50	38.72	Soil	11,220	-0.20
09/01/2021	15:06:23	78798.81	394734.33	38.71	Soil	10,620	-0.62
09/01/2021	15:06:24	78798.80	394734.27	38.71	Soil	11,460	-0.04
09/01/2021	15:06:25	78799.08	394734.36	38.77	Soil	12,300	0.55
09/01/2021	15:06:26	78798.96	394734.23	38.94	Soil	10,680	-0.58
09/01/2021	15:06:27	78798.74	394734.14	38.93	Soil	10,260	-0.88
09/01/2021	15:06:28	78799.01	394734.27	38.97	Soil	11,880	0.26

SU 7D GWS RESULTS
(SOIL)

09/01/2021	15:06:29	78799.02	394734.20	38.96	Soil	10,920	-0.41
09/01/2021	15:06:30	78798.59	394734.10	39.01	Soil	10,260	-0.88
09/01/2021	15:06:31	78798.29	394734.05	38.99	Soil	9,420	-1.47
09/01/2021	15:06:32	78798.23	394733.99	39.00	Soil	9,180	-1.64
09/01/2021	15:06:33	78798.30	394734.06	38.80	Soil	12,540	0.72
09/01/2021	15:06:34	78798.23	394734.04	38.73	Soil	10,020	-1.05
09/01/2021	15:06:35	78798.18	394733.97	38.74	Soil	9,720	-1.26
09/01/2021	15:06:36	78798.32	394734.09	38.73	Soil	9,960	-1.09
09/01/2021	15:06:37	78798.21	394734.23	38.69	Soil	9,240	-1.59
09/01/2021	15:06:38	78798.09	394734.28	38.70	Soil	11,100	-0.29
09/01/2021	15:06:39	78798.35	394734.44	38.67	Soil	8,760	-1.93
09/01/2021	15:06:40	78798.37	394734.56	38.70	Soil	10,080	-1.00
09/01/2021	15:06:41	78798.09	394734.58	38.65	Soil	10,800	-0.50
09/01/2021	15:06:42	78798.14	394734.76	38.67	Soil	10,440	-0.75
09/01/2021	15:06:43	78798.29	394734.97	38.66	Soil	9,480	-1.42
09/01/2021	15:06:44	78798.03	394734.97	38.60	Soil	10,020	-1.05
09/01/2021	15:06:45	78797.74	394734.79	38.51	Soil	10,020	-1.05
09/01/2021	15:06:46	78797.88	394734.80	38.57	Soil	9,840	-1.17
09/01/2021	15:06:47	78798.01	394734.86	38.58	Soil	10,320	-0.84
09/01/2021	15:06:48	78797.99	394734.92	38.60	Soil	10,440	-0.75
09/01/2021	15:06:49	78798.09	394735.15	38.62	Soil	10,260	-0.88
09/01/2021	15:06:50	78798.04	394735.27	38.55	Soil	11,160	-0.25
09/01/2021	15:06:51	78797.82	394735.42	38.51	Soil	9,780	-1.21
09/01/2021	15:06:52	78798.04	394735.57	38.52	Soil	9,720	-1.26
09/01/2021	15:06:53	78798.15	394735.59	38.49	Soil	10,500	-0.71
09/01/2021	15:06:54	78797.82	394735.55	38.48	Soil	10,320	-0.84
09/01/2021	15:06:55	78797.80	394735.50	38.52	Soil	10,920	-0.41
09/01/2021	15:06:56	78797.77	394735.66	38.53	Soil	9,900	-1.13
09/01/2021	15:06:57	78797.62	394735.91	38.46	Soil	9,600	-1.34
09/01/2021	15:06:58	78797.70	394736.11	38.46	Soil	9,420	-1.47
09/01/2021	15:06:59	78797.69	394736.13	38.42	Soil	10,020	-1.05
09/01/2021	15:07:00	78797.59	394736.28	38.44	Soil	9,240	-1.59
09/01/2021	15:07:01	78797.61	394736.39	38.46	Soil	7,980	-2.48
09/01/2021	15:07:02	78797.69	394736.53	38.42	Soil	7,920	-2.52
09/01/2021	15:07:03	78797.51	394736.49	38.39	Soil	8,520	-2.10
09/01/2021	15:07:04	78797.26	394736.43	38.36	Soil	11,520	0.01
09/01/2021	15:07:05	78797.32	394736.49	38.43	Soil	8,460	-2.14
09/01/2021	15:07:06	78797.54	394736.64	38.42	Soil	8,880	-1.85
09/01/2021	15:07:07	78797.48	394736.62	38.34	Soil	9,780	-1.21
09/01/2021	15:07:08	78797.50	394736.52	38.30	Soil	10,320	-0.84
09/01/2021	15:07:09	78797.72	394736.58	38.36	Soil	9,240	-1.59
09/01/2021	15:07:10	78797.53	394736.61	38.41	Soil	9,720	-1.26
09/01/2021	15:07:11	78797.56	394736.68	38.37	Soil	8,520	-2.10
09/01/2021	15:07:12	78797.61	394736.67	38.31	Soil	10,140	-0.96
09/01/2021	15:07:13	78797.46	394736.63	38.35	Soil	9,060	-1.72
09/01/2021	15:07:14	78797.55	394736.83	38.42	Soil	8,940	-1.80
09/01/2021	15:07:15	78797.58	394737.00	38.35	Soil	8,760	-1.93
09/01/2021	15:07:16	78797.28	394736.97	38.26	Soil	9,420	-1.47
09/01/2021	15:07:17	78797.12	394736.97	38.29	Soil	9,360	-1.51
09/01/2021	15:07:18	78797.35	394737.11	38.34	Soil	8,940	-1.80
09/01/2021	15:07:19	78797.50	394737.17	38.27	Soil	9,240	-1.59

SU 7D GWS RESULTS
(SOIL)

09/01/2021	15:07:20	78797.27	394737.21	38.28	Soil	9,900	-1.13
09/01/2021	15:07:21	78797.26	394737.40	38.33	Soil	9,840	-1.17
09/01/2021	15:07:22	78797.36	394737.55	38.33	Soil	9,660	-1.30
09/01/2021	15:07:23	78797.17	394737.56	38.29	Soil	9,660	-1.30
09/01/2021	15:07:24	78797.25	394737.66	38.33	Soil	10,500	-0.71
09/01/2021	15:07:25	78797.52	394737.82	38.31	Soil	9,180	-1.64
09/01/2021	15:07:26	78797.39	394737.82	38.30	Soil	10,860	-0.46
09/01/2021	15:07:27	78797.40	394737.85	38.43	Soil	10,260	-0.88
09/01/2021	15:07:28	78797.35	394737.88	38.45	Soil	10,200	-0.92
09/01/2021	15:07:29	78797.27	394737.83	38.45	Soil	10,080	-1.00
09/01/2021	15:07:30	78797.15	394737.79	38.45	Soil	10,500	-0.71
09/01/2021	15:07:31	78796.78	394737.71	38.43	Soil	9,300	-1.55
09/01/2021	15:07:32	78796.75	394737.66	38.45	Soil	9,420	-1.47
09/01/2021	15:07:33	78796.78	394737.70	38.38	Soil	11,520	0.01
09/01/2021	15:07:34	78796.65	394737.64	38.33	Soil	9,900	-1.13
09/01/2021	15:07:35	78796.69	394737.67	38.34	Soil	9,660	-1.30
09/01/2021	15:07:36	78796.67	394737.67	38.11	Soil	11,160	-0.25
09/01/2021	15:07:37	78796.66	394737.62	38.15	Soil	9,540	-1.38
09/01/2021	15:07:38	78796.66	394737.63	38.20	Soil	10,320	-0.84
09/01/2021	15:07:39	78796.61	394737.67	38.12	Soil	9,720	-1.26
09/01/2021	15:07:40	78796.60	394737.62	38.13	Soil	10,980	-0.37
09/01/2021	15:07:41	78796.54	394737.55	38.16	Soil	9,720	-1.26
09/01/2021	15:07:42	78796.61	394737.51	38.14	Soil	10,200	-0.92
09/01/2021	15:07:43	78796.76	394737.34	38.13	Soil	11,040	-0.33
09/01/2021	15:07:44	78796.63	394737.11	38.10	Soil	9,900	-1.13
09/01/2021	15:07:45	78796.50	394737.00	38.03	Soil	9,300	-1.55
09/01/2021	15:07:46	78796.66	394737.00	38.19	Soil	9,780	-1.21
09/01/2021	15:07:47	78796.72	394736.97	38.29	Soil	9,360	-1.51
09/01/2021	15:07:48	78796.78	394737.09	38.34	Soil	10,260	-0.88
09/01/2021	15:07:49	78796.93	394737.22	38.29	Soil	9,060	-1.72
09/01/2021	15:07:50	78796.74	394737.13	38.46	Soil	9,600	-1.34
09/01/2021	15:07:51	78796.58	394737.01	38.23	Soil	8,040	-2.44
09/01/2021	15:07:52	78796.54	394737.00	38.16	Soil	9,840	-1.17
09/01/2021	15:07:53	78796.67	394737.09	38.14	Soil	10,200	-0.92
09/01/2021	15:07:54	78796.67	394737.06	38.12	Soil	9,420	-1.47
09/01/2021	15:07:55	78796.65	394737.08	38.14	Soil	10,260	-0.88
09/01/2021	15:07:56	78796.58	394737.06	38.08	Soil	9,180	-1.64
09/01/2021	15:07:57	78796.38	394736.98	37.94	Soil	8,340	-2.22
09/01/2021	15:07:58	78796.47	394736.95	38.05	Soil	10,260	-0.88
09/01/2021	15:07:59	78796.64	394736.89	37.98	Soil	10,140	-0.96
09/01/2021	15:08:00	78796.48	394736.76	38.03	Soil	9,900	-1.13
09/01/2021	15:08:01	78796.57	394736.72	38.07	Soil	9,360	-1.51
09/01/2021	15:08:02	78796.69	394736.59	37.93	Soil	10,980	-0.37
09/01/2021	15:08:03	78796.70	394736.32	38.03	Soil	10,980	-0.37
09/01/2021	15:08:04	78796.84	394736.29	37.93	Soil	10,320	-0.84
09/01/2021	15:08:05	78796.81	394736.37	37.93	Soil	10,020	-1.05
09/01/2021	15:08:06	78796.70	394736.28	37.97	Soil	9,540	-1.38
09/01/2021	15:08:07	78796.76	394736.16	38.29	Soil	9,360	-1.51
09/01/2021	15:08:08	78797.04	394736.14	38.31	Soil	8,700	-1.97
09/01/2021	15:08:09	78796.95	394735.85	38.00	Soil	9,180	-1.64
09/01/2021	15:08:10	78796.94	394735.69	38.06	Soil	8,640	-2.01

SU 7D GWS RESULTS
(SOIL)

09/01/2021	15:08:11	78797.16	394735.87	38.06	Soil	10,020	-1.05
09/01/2021	15:08:12	78797.04	394735.87	38.02	Soil	7,140	-3.07
09/01/2021	15:08:13	78796.90	394735.73	38.07	Soil	9,120	-1.68
09/01/2021	15:08:14	78797.12	394735.67	38.08	Soil	7,620	-2.73
09/01/2021	15:08:15	78797.14	394735.64	38.01	Soil	8,820	-1.89
09/01/2021	15:08:16	78796.97	394735.50	38.01	Soil	9,960	-1.09
09/01/2021	15:08:17	78797.07	394735.47	38.10	Soil	9,840	-1.17
09/01/2021	15:08:18	78797.20	394735.41	38.10	Soil	10,440	-0.75
09/01/2021	15:08:19	78797.14	394735.17	38.12	Soil	8,820	-1.89
09/01/2021	15:08:20	78797.26	394735.00	38.25	Soil	9,600	-1.34
09/01/2021	15:08:21	78797.52	394734.96	38.25	Soil	9,540	-1.38
09/01/2021	15:08:22	78797.35	394734.76	38.21	Soil	9,120	-1.68
09/01/2021	15:08:23	78797.09	394734.57	38.20	Soil	7,800	-2.60
09/01/2021	15:08:24	78797.40	394734.65	38.27	Soil	9,600	-1.34
09/01/2021	15:08:25	78797.64	394734.61	38.19	Soil	9,240	-1.59
09/01/2021	15:08:26	78797.41	394734.25	38.08	Soil	8,220	-2.31
09/01/2021	15:08:27	78797.34	394734.07	38.13	Soil	8,040	-2.44
09/01/2021	15:08:28	78797.57	394734.31	38.27	Soil	8,760	-1.93
09/01/2021	15:08:29	78797.67	394734.33	38.24	Soil	9,240	-1.59
09/01/2021	15:08:30	78797.55	394734.11	38.15	Soil	8,940	-1.80
09/01/2021	15:08:31	78797.50	394733.85	38.22	Soil	9,180	-1.64
09/01/2021	15:08:32	78797.70	394733.87	38.41	Soil	9,780	-1.21
09/01/2021	15:08:33	78797.89	394734.06	38.43	Soil	10,440	-0.75
09/01/2021	15:08:34	78797.83	394733.98	38.40	Soil	9,780	-1.21
09/01/2021	15:08:35	78797.74	394733.96	38.44	Soil	9,000	-1.76
09/01/2021	15:08:36	78797.70	394734.04	38.42	Soil	10,020	-1.05
09/01/2021	15:08:37	78797.40	394733.85	38.43	Soil	10,380	-0.79
09/01/2021	15:08:38	78797.24	394733.81	38.46	Soil	9,000	-1.76
09/01/2021	15:08:39	78797.16	394733.80	38.32	Soil	10,260	-0.88
09/01/2021	15:08:40	78796.96	394733.61	38.13	Soil	9,300	-1.55
09/01/2021	15:08:41	78796.99	394733.71	38.16	Soil	10,680	-0.58
09/01/2021	15:08:42	78797.16	394733.96	38.17	Soil	9,180	-1.64
09/01/2021	15:08:43	78796.99	394733.95	38.02	Soil	8,220	-2.31
09/01/2021	15:08:44	78796.72	394734.00	38.04	Soil	10,500	-0.71
09/01/2021	15:08:45	78796.88	394734.27	38.17	Soil	10,080	-1.00
09/01/2021	15:08:46	78797.04	394734.46	38.07	Soil	9,000	-1.76
09/01/2021	15:08:47	78796.74	394734.46	38.06	Soil	11,220	-0.20
09/01/2021	15:08:48	78796.63	394734.52	38.14	Soil	8,880	-1.85
09/01/2021	15:08:49	78796.82	394734.76	38.13	Soil	8,640	-2.01
09/01/2021	15:08:50	78796.87	394734.95	38.06	Soil	7,560	-2.77
09/01/2021	15:08:51	78796.54	394734.95	37.91	Soil	9,420	-1.47
09/01/2021	15:08:52	78796.44	394735.03	37.99	Soil	9,960	-1.09
09/01/2021	15:08:53	78796.67	394735.27	38.05	Soil	10,800	-0.50
09/01/2021	15:08:54	78796.59	394735.36	38.00	Soil	8,760	-1.93
09/01/2021	15:08:55	78796.20	394735.24	37.93	Soil	9,480	-1.42
09/01/2021	15:08:56	78796.11	394735.33	37.98	Soil	10,260	-0.88
09/01/2021	15:08:57	78796.42	394735.64	38.01	Soil	9,600	-1.34
09/01/2021	15:08:58	78796.45	394735.79	37.95	Soil	10,440	-0.75
09/01/2021	15:08:59	78796.09	394735.85	37.91	Soil	10,260	-0.88
09/01/2021	15:09:00	78795.95	394735.98	37.91	Soil	9,840	-1.17
09/01/2021	15:09:01	78796.24	394736.13	37.97	Soil	7,860	-2.56

SU 7D GWS RESULTS
(SOIL)

09/01/2021	15:09:02	78796.30	394736.32	38.03	Soil	11,520	0.01
09/01/2021	15:09:03	78796.18	394736.57	38.06	Soil	10,260	-0.88
09/01/2021	15:09:04	78796.01	394736.69	38.06	Soil	9,900	-1.13
09/01/2021	15:09:05	78795.70	394736.60	38.02	Soil	10,020	-1.05
09/01/2021	15:09:06	78795.68	394736.77	38.08	Soil	8,880	-1.85
09/01/2021	15:09:07	78796.03	394737.06	38.05	Soil	11,280	-0.16
09/01/2021	15:09:08	78796.22	394737.15	37.91	Soil	9,240	-1.59
09/01/2021	15:09:09	78796.38	394737.41	37.89	Soil	10,020	-1.05
09/01/2021	15:09:10	78796.36	394737.43	37.93	Soil	9,300	-1.55
09/01/2021	15:09:11	78796.18	394737.27	38.09	Soil	9,780	-1.21
09/01/2021	15:09:12	78795.84	394736.91	38.04	Soil	10,680	-0.58
09/01/2021	15:09:13	78795.76	394736.85	38.03	Soil	9,360	-1.51
09/01/2021	15:09:14	78795.73	394736.84	38.14	Soil	9,600	-1.34
09/01/2021	15:09:15	78795.66	394736.84	38.15	Soil	9,900	-1.13
09/01/2021	15:09:16	78795.56	394736.89	38.17	Soil	10,380	-0.79
09/01/2021	15:09:17	78795.86	394736.92	38.17	Soil	9,720	-1.26
09/01/2021	15:09:18	78796.09	394737.06	38.18	Soil	10,320	-0.84
09/01/2021	15:09:19	78795.80	394737.01	38.23	Soil	9,180	-1.64
09/01/2021	15:09:20	78795.54	394736.93	38.16	Soil	10,200	-0.92
09/01/2021	15:09:21	78795.87	394736.97	38.15	Soil	9,960	-1.09
09/01/2021	15:09:22	78795.95	394736.99	38.10	Soil	9,840	-1.17
09/01/2021	15:09:23	78795.64	394737.11	38.11	Soil	10,680	-0.58
09/01/2021	15:09:24	78795.62	394737.20	38.15	Soil	9,120	-1.68
09/01/2021	15:09:25	78795.94	394737.34	38.16	Soil	11,220	-0.20
09/01/2021	15:09:26	78796.09	394737.49	38.14	Soil	10,080	-1.00
09/01/2021	15:09:27	78795.74	394737.49	38.11	Soil	11,220	-0.20
09/01/2021	15:09:28	78795.37	394737.40	37.92	Soil	10,080	-1.00
09/01/2021	15:09:29	78795.32	394737.45	37.95	Soil	10,260	-0.88
09/01/2021	15:09:30	78795.60	394737.58	38.07	Soil	9,660	-1.30
09/01/2021	15:09:31	78795.66	394737.63	38.08	Soil	7,860	-2.56
09/01/2021	15:09:32	78795.59	394737.65	38.05	Soil	10,800	-0.50
09/01/2021	15:09:33	78795.28	394737.73	37.83	Soil	10,500	-0.71
09/01/2021	15:09:34	78795.12	394737.89	37.88	Soil	9,840	-1.17
09/01/2021	15:09:35	78795.40	394738.05	37.95	Soil	10,440	-0.75
09/01/2021	15:09:36	78795.49	394738.06	37.89	Soil	10,080	-1.00
09/01/2021	15:09:37	78795.39	394738.13	37.86	Soil	10,200	-0.92
09/01/2021	15:09:38	78795.36	394738.15	37.85	Soil	8,700	-1.97
09/01/2021	15:09:39	78795.37	394738.17	37.84	Soil	9,840	-1.17
09/01/2021	15:09:40	78795.38	394738.18	37.81	Soil	10,500	-0.71
09/01/2021	15:09:41	78795.35	394738.19	37.79	Soil	10,080	-1.00
09/01/2021	15:09:42	78795.32	394738.19	37.75	Soil	8,100	-2.39
09/01/2021	15:09:43	78795.16	394738.16	37.73	Soil	10,020	-1.05
09/01/2021	15:09:45	78794.66	394738.14	37.65	Soil	10,200	-0.92
09/01/2021	15:09:46	78794.65	394738.08	37.65	Soil	10,800	-0.50
09/01/2021	15:09:47	78794.50	394738.03	37.63	Soil	10,080	-1.00
09/01/2021	15:09:48	78794.35	394737.91	37.60	Soil	10,140	-0.96
09/01/2021	15:09:49	78794.35	394737.88	37.68	Soil	9,240	-1.59
09/01/2021	15:09:50	78794.45	394737.91	37.65	Soil	9,840	-1.17
09/01/2021	15:09:51	78794.45	394737.93	37.65	Soil	10,860	-0.46
09/01/2021	15:09:52	78794.43	394737.97	37.65	Soil	9,060	-1.72
09/01/2021	15:09:53	78794.58	394737.96	37.60	Soil	9,960	-1.09

SU 7D GWS RESULTS
(SOIL)

09/01/2021	15:09:54	78794.55	394737.75	37.50	Soil	9,420	-1.47
09/01/2021	15:09:55	78794.36	394737.45	37.37	Soil	9,840	-1.17
09/01/2021	15:09:56	78794.55	394737.45	37.45	Soil	8,940	-1.80
09/01/2021	15:09:57	78794.74	394737.52	37.49	Soil	10,260	-0.88
09/01/2021	15:09:58	78794.71	394737.42	37.56	Soil	9,360	-1.51
09/01/2021	15:09:59	78794.76	394737.34	37.63	Soil	9,000	-1.76
09/01/2021	15:10:00	78794.99	394737.37	37.60	Soil	11,640	0.09
09/01/2021	15:10:01	78794.92	394737.33	37.60	Soil	10,320	-0.84
09/01/2021	15:10:02	78794.76	394737.16	37.56	Soil	10,440	-0.75
09/01/2021	15:10:03	78794.91	394737.02	37.66	Soil	10,380	-0.79
09/01/2021	15:10:04	78795.17	394737.00	37.67	Soil	8,940	-1.80
09/01/2021	15:10:05	78794.97	394736.89	37.60	Soil	11,580	0.05
09/01/2021	15:10:06	78794.73	394736.79	37.64	Soil	9,480	-1.42
09/01/2021	15:10:07	78794.99	394736.73	37.70	Soil	9,780	-1.21
09/01/2021	15:10:08	78795.15	394736.55	37.71	Soil	11,400	-0.08
09/01/2021	15:10:09	78795.10	394736.27	37.72	Soil	8,700	-1.97
09/01/2021	15:10:10	78795.26	394736.21	37.74	Soil	10,200	-0.92
09/01/2021	15:10:11	78795.44	394736.20	37.75	Soil	9,420	-1.47
09/01/2021	15:10:12	78795.31	394735.99	37.74	Soil	11,040	-0.33
09/01/2021	15:10:13	78795.41	394735.86	37.80	Soil	9,600	-1.34
09/01/2021	15:10:14	78795.71	394735.88	37.87	Soil	9,600	-1.34
09/01/2021	15:10:15	78795.65	394735.58	37.90	Soil	9,240	-1.59
09/01/2021	15:10:16	78795.52	394735.28	37.90	Soil	9,720	-1.26
09/01/2021	15:10:17	78795.79	394735.33	37.89	Soil	10,200	-0.92
09/01/2021	15:10:18	78795.94	394735.40	37.92	Soil	8,400	-2.18
09/01/2021	15:10:19	78795.74	394735.14	37.83	Soil	11,520	0.01
09/01/2021	15:10:20	78795.69	394734.92	37.84	Soil	10,200	-0.92
09/01/2021	15:10:21	78795.97	394734.94	37.90	Soil	9,420	-1.47
09/01/2021	15:10:22	78796.07	394734.96	37.94	Soil	9,960	-1.09
09/01/2021	15:10:23	78795.98	394734.74	37.93	Soil	10,020	-1.05
09/01/2021	15:10:24	78795.89	394734.44	37.94	Soil	10,200	-0.92
09/01/2021	15:10:25	78796.14	394734.38	37.97	Soil	8,160	-2.35
09/01/2021	15:10:26	78796.39	394734.37	37.97	Soil	9,180	-1.64
09/01/2021	15:10:27	78796.27	394734.12	37.88	Soil	10,200	-0.92
09/01/2021	15:10:28	78796.16	394733.93	37.93	Soil	9,960	-1.09
09/01/2021	15:10:29	78796.41	394734.00	37.95	Soil	10,380	-0.79
09/01/2021	15:10:30	78796.42	394733.96	37.95	Soil	9,900	-1.13
09/01/2021	15:10:31	78796.29	394733.76	38.01	Soil	9,960	-1.09
09/01/2021	15:10:32	78796.52	394733.60	38.08	Soil	9,660	-1.30
09/01/2021	15:10:33	78796.83	394733.49	38.10	Soil	9,180	-1.64
09/01/2021	15:10:34	78796.55	394733.31	38.23	Soil	9,900	-1.13
09/01/2021	15:10:35	78796.52	394733.32	38.22	Soil	9,720	-1.26
09/01/2021	15:10:36	78796.79	394733.46	38.23	Soil	9,960	-1.09
09/01/2021	15:10:37	78796.50	394733.30	38.27	Soil	8,400	-2.18
09/01/2021	15:10:38	78795.92	394733.04	38.25	Soil	11,640	0.09
09/01/2021	15:10:39	78795.87	394733.01	38.01	Soil	8,700	-1.97
09/01/2021	15:10:40	78796.06	394733.08	37.85	Soil	11,220	-0.20
09/01/2021	15:10:41	78795.82	394733.03	37.85	Soil	10,560	-0.67
09/01/2021	15:10:42	78795.70	394733.08	37.74	Soil	8,940	-1.80
09/01/2021	15:10:43	78795.88	394733.37	37.75	Soil	9,300	-1.55
09/01/2021	15:10:44	78795.59	394733.35	37.77	Soil	10,860	-0.46

SU 7D GWS RESULTS
(SOIL)

09/01/2021	15:10:45	78795.46	394733.44	37.70	Soil	11,100	-0.29
09/01/2021	15:10:46	78795.80	394733.68	37.72	Soil	10,200	-0.92
09/01/2021	15:10:47	78795.67	394733.51	37.74	Soil	9,360	-1.51
09/01/2021	15:10:48	78795.44	394733.33	37.74	Soil	10,140	-0.96
09/01/2021	15:10:49	78795.82	394733.40	37.71	Soil	9,480	-1.42
09/01/2021	15:10:50	78795.81	394733.60	37.71	Soil	9,660	-1.30
09/01/2021	15:10:51	78795.46	394733.69	37.70	Soil	8,760	-1.93
09/01/2021	15:10:52	78795.36	394733.77	37.68	Soil	11,160	-0.25
09/01/2021	15:10:53	78795.59	394734.07	37.69	Soil	10,560	-0.67
09/01/2021	15:10:54	78795.45	394734.12	37.67	Soil	9,840	-1.17
09/01/2021	15:10:55	78795.11	394733.97	37.63	Soil	9,720	-1.26
09/01/2021	15:10:56	78795.33	394734.15	37.60	Soil	9,900	-1.13
09/01/2021	15:10:57	78795.58	394734.34	37.58	Soil	10,260	-0.88
09/01/2021	15:10:58	78795.33	394734.14	37.48	Soil	8,940	-1.80
09/01/2021	15:10:59	78795.01	394734.08	37.51	Soil	9,120	-1.68
09/01/2021	15:11:00	78795.02	394734.30	37.43	Soil	9,540	-1.38
09/01/2021	15:11:01	78794.86	394734.34	37.26	Soil	10,200	-0.92
09/01/2021	15:11:02	78794.72	394734.27	37.33	Soil	8,820	-1.89
09/01/2021	15:11:03	78795.04	394734.61	37.34	Soil	9,360	-1.51
09/01/2021	15:11:04	78794.98	394734.88	37.29	Soil	9,960	-1.09
09/01/2021	15:11:05	78794.61	394734.75	37.17	Soil	9,180	-1.64
09/01/2021	15:11:06	78794.65	394734.80	37.29	Soil	9,240	-1.59
09/01/2021	15:11:07	78794.87	394735.22	37.26	Soil	8,340	-2.22
09/01/2021	15:11:08	78794.59	394735.25	37.08	Soil	10,920	-0.41
09/01/2021	15:11:09	78794.29	394735.06	37.11	Soil	10,380	-0.79
09/01/2021	15:11:10	78794.61	394735.23	37.21	Soil	9,180	-1.64
09/01/2021	15:11:11	78794.63	394735.45	37.09	Soil	9,540	-1.38
09/01/2021	15:11:12	78794.14	394735.40	36.99	Soil	9,840	-1.17
09/01/2021	15:11:13	78794.05	394735.66	37.20	Soil	10,140	-0.96
09/01/2021	15:11:14	78794.41	394735.92	37.12	Soil	9,720	-1.26
09/01/2021	15:11:15	78794.29	394735.91	36.87	Soil	9,720	-1.26
09/01/2021	15:11:16	78793.82	394735.83	36.84	Soil	9,840	-1.17
09/01/2021	15:11:17	78793.95	394735.98	37.03	Soil	7,980	-2.48
09/01/2021	15:11:18	78794.30	394736.31	37.06	Soil	10,440	-0.75
09/01/2021	15:11:19	78794.18	394736.27	37.06	Soil	9,360	-1.51
09/01/2021	15:11:20	78794.17	394736.23	37.04	Soil	10,140	-0.96
09/01/2021	15:11:21	78794.22	394736.19	37.03	Soil	8,580	-2.06
09/01/2021	15:11:22	78794.13	394736.12	37.02	Soil	10,680	-0.58
09/01/2021	15:11:23	78794.05	394736.04	37.09	Soil	9,660	-1.30
09/01/2021	15:11:24	78794.05	394736.17	37.14	Soil	10,380	-0.79
09/01/2021	15:11:25	78794.05	394736.26	37.12	Soil	10,260	-0.88
09/01/2021	15:11:26	78794.09	394736.25	37.14	Soil	9,540	-1.38
09/01/2021	15:11:27	78794.04	394736.23	37.15	Soil	9,540	-1.38
09/01/2021	15:11:28	78794.01	394736.21	37.15	Soil	10,020	-1.05
09/01/2021	15:11:29	78793.90	394736.10	37.16	Soil	8,100	-2.39
09/01/2021	15:11:30	78793.68	394736.00	37.17	Soil	8,940	-1.80
09/01/2021	15:11:31	78793.59	394736.00	37.19	Soil	11,340	-0.12
09/01/2021	15:11:32	78793.46	394735.83	37.18	Soil	8,460	-2.14
09/01/2021	15:11:33	78793.26	394735.63	37.22	Soil	9,900	-1.13
09/01/2021	15:11:34	78793.02	394735.54	37.26	Soil	9,540	-1.38
09/01/2021	15:11:35	78792.84	394735.41	37.27	Soil	9,720	-1.26

SU 7D GWS RESULTS
(SOIL)

09/01/2021	15:11:36	78792.62	394735.23	37.25	Soil	10,020	-1.05
09/01/2021	15:11:37	78792.40	394735.11	37.28	Soil	8,460	-2.14
09/01/2021	15:11:38	78792.30	394735.00	36.93	Soil	8,400	-2.18
09/01/2021	15:11:39	78792.44	394734.99	36.66	Soil	9,300	-1.55
09/01/2021	15:11:40	78792.84	394735.17	36.59	Soil	9,360	-1.51
09/01/2021	15:11:41	78793.09	394735.39	36.60	Soil	9,000	-1.76
09/01/2021	15:11:42	78792.83	394735.25	36.67	Soil	9,720	-1.26
09/01/2021	15:11:43	78792.73	394735.08	36.74	Soil	11,400	-0.08
09/01/2021	15:11:44	78793.01	394735.18	36.79	Soil	9,000	-1.76
09/01/2021	15:11:45	78793.04	394734.99	36.78	Soil	9,540	-1.38
09/01/2021	15:11:46	78793.01	394734.63	36.83	Soil	10,020	-1.05
09/01/2021	15:11:47	78793.03	394734.80	36.98	Soil	9,540	-1.38
09/01/2021	15:11:48	78792.94	394735.01	36.97	Soil	9,420	-1.47
09/01/2021	15:11:49	78792.83	394734.86	36.94	Soil	10,200	-0.92
09/01/2021	15:11:50	78792.99	394734.80	36.75	Soil	9,900	-1.13
09/01/2021	15:11:51	78793.24	394734.95	36.62	Soil	9,780	-1.21
09/01/2021	15:11:52	78793.33	394735.04	36.64	Soil	8,400	-2.18
09/01/2021	15:11:53	78793.24	394735.09	36.74	Soil	10,380	-0.79
09/01/2021	15:11:54	78793.22	394735.18	36.72	Soil	10,560	-0.67
09/01/2021	15:11:55	78793.26	394735.12	36.72	Soil	8,460	-2.14
09/01/2021	15:11:56	78793.28	394735.06	36.71	Soil	11,640	0.09
09/01/2021	15:11:57	78793.25	394735.13	36.64	Soil	8,700	-1.97
09/01/2021	15:11:58	78793.23	394735.16	36.64	Soil	9,360	-1.51
09/01/2021	15:11:59	78793.20	394735.10	36.62	Soil	10,140	-0.96
09/01/2021	15:12:00	78793.18	394735.03	36.63	Soil	8,580	-2.06
09/01/2021	15:12:01	78793.17	394735.00	36.75	Soil	8,880	-1.85
09/01/2021	15:12:02	78793.19	394735.03	36.77	Soil	9,360	-1.51
09/01/2021	15:12:03	78793.02	394735.05	36.78	Soil	9,720	-1.26
09/01/2021	15:12:04	78792.88	394734.89	36.68	Soil	9,960	-1.09
09/01/2021	15:12:05	78793.05	394734.75	36.67	Soil	9,900	-1.13
09/01/2021	15:12:06	78793.09	394734.87	36.70	Soil	9,600	-1.34
09/01/2021	15:12:07	78792.87	394734.89	36.68	Soil	9,900	-1.13
09/01/2021	15:12:08	78793.03	394735.07	36.76	Soil	9,420	-1.47
09/01/2021	15:12:09	78793.35	394735.08	36.80	Soil	10,800	-0.50
09/01/2021	15:12:10	78793.20	394734.96	36.79	Soil	8,940	-1.80
09/01/2021	15:12:11	78793.16	394734.98	36.82	Soil	9,900	-1.13
09/01/2021	15:12:12	78793.26	394734.94	36.82	Soil	10,740	-0.54
09/01/2021	15:12:13	78793.33	394735.08	36.83	Soil	9,180	-1.64
09/01/2021	15:12:14	78793.22	394735.06	36.82	Soil	9,600	-1.34
09/01/2021	15:12:15	78793.08	394734.94	36.67	Soil	9,420	-1.47
09/01/2021	15:12:16	78793.08	394734.95	36.55	Soil	10,860	-0.46
09/01/2021	15:12:17	78792.92	394734.88	36.47	Soil	9,480	-1.42
09/01/2021	15:12:18	78792.83	394734.80	36.49	Soil	9,480	-1.42
09/01/2021	15:12:19	78792.95	394734.75	36.56	Soil	8,040	-2.44
09/01/2021	15:12:20	78792.93	394734.77	36.52	Soil	9,840	-1.17
09/01/2021	15:12:21	78792.85	394734.71	36.58	Soil	11,520	0.01
09/01/2021	15:12:22	78792.82	394734.75	36.53	Soil	10,020	-1.05
09/01/2021	15:12:23	78793.02	394734.86	36.57	Soil	10,440	-0.75
09/01/2021	15:12:24	78793.06	394734.80	36.62	Soil	10,320	-0.84
09/01/2021	15:12:25	78792.92	394734.71	36.62	Soil	9,600	-1.34
09/01/2021	15:12:26	78792.80	394734.71	36.55	Soil	8,700	-1.97

SU 7D GWS RESULTS
(SOIL)

09/01/2021	15:12:27	78792.83	394734.73	36.65	Soil	11,820	0.22
09/01/2021	15:12:28	78793.01	394734.77	36.64	Soil	9,780	-1.21
09/01/2021	15:12:29	78792.91	394734.63	36.58	Soil	10,140	-0.96
09/01/2021	15:12:30	78792.94	394734.47	36.66	Soil	9,000	-1.76
09/01/2021	15:12:31	78793.23	394734.56	36.62	Soil	10,920	-0.41
09/01/2021	15:12:32	78793.12	394734.56	36.50	Soil	9,960	-1.09
09/01/2021	15:12:33	78793.04	394734.59	36.55	Soil	9,960	-1.09
09/01/2021	15:12:34	78793.11	394734.56	36.66	Soil	10,380	-0.79
09/01/2021	15:12:35	78793.34	394734.56	36.69	Soil	11,520	0.01
09/01/2021	15:12:36	78793.49	394734.46	36.71	Soil	9,660	-1.30
09/01/2021	15:12:37	78793.48	394734.25	36.76	Soil	11,100	-0.29
09/01/2021	15:12:38	78793.37	394734.11	36.67	Soil	12,840	0.93
09/01/2021	15:12:39	78793.05	394734.14	36.55	Soil	9,840	-1.17
09/01/2021	15:12:40	78793.09	394734.27	36.69	Soil	10,500	-0.71
09/01/2021	15:12:41	78793.30	394734.42	36.67	Soil	9,360	-1.51
09/01/2021	15:12:42	78793.28	394734.34	36.64	Soil	9,840	-1.17
09/01/2021	15:12:43	78793.18	394734.14	36.70	Soil	9,540	-1.38
09/01/2021	15:12:44	78793.31	394734.22	36.73	Soil	11,340	-0.12
09/01/2021	15:12:45	78793.34	394734.26	36.67	Soil	10,680	-0.58
09/01/2021	15:12:46	78793.26	394734.18	36.64	Soil	8,820	-1.89
09/01/2021	15:12:47	78793.24	394734.13	36.80	Soil	9,420	-1.47
09/01/2021	15:12:48	78793.38	394734.15	36.80	Soil	12,000	0.34
09/01/2021	15:12:49	78793.32	394733.96	36.80	Soil	10,740	-0.54
09/01/2021	15:12:50	78793.31	394733.57	36.89	Soil	10,620	-0.62
09/01/2021	15:12:51	78793.71	394733.50	37.00	Soil	11,820	0.22
09/01/2021	15:12:52	78793.96	394733.60	37.06	Soil	11,520	0.01
09/01/2021	15:12:53	78793.96	394733.66	37.02	Soil	9,240	-1.59
09/01/2021	15:12:54	78793.82	394733.54	36.93	Soil	10,740	-0.54
09/01/2021	15:12:55	78793.74	394733.29	36.93	Soil	11,640	0.09
09/01/2021	15:12:56	78793.90	394733.35	37.05	Soil	10,380	-0.79
09/01/2021	15:12:57	78794.08	394733.44	37.14	Soil	9,240	-1.59
09/01/2021	15:12:58	78794.20	394733.35	37.01	Soil	10,500	-0.71
09/01/2021	15:12:59	78793.86	394733.17	37.03	Soil	9,900	-1.13
09/01/2021	15:13:00	78793.83	394733.15	37.20	Soil	9,780	-1.21
09/01/2021	15:13:01	78794.18	394733.33	37.18	Soil	10,260	-0.88
09/01/2021	15:13:02	78794.01	394733.15	37.06	Soil	9,840	-1.17
09/01/2021	15:13:03	78794.04	394732.96	37.23	Soil	9,240	-1.59
09/01/2021	15:13:04	78794.38	394732.99	37.17	Soil	11,220	-0.20
09/01/2021	15:13:05	78794.23	394732.84	37.19	Soil	11,040	-0.33
09/01/2021	15:13:06	78794.19	394732.86	37.28	Soil	10,380	-0.79
09/01/2021	15:13:07	78794.42	394733.00	37.28	Soil	10,620	-0.62
09/01/2021	15:13:08	78794.24	394732.76	37.28	Soil	10,140	-0.96
09/01/2021	15:13:09	78794.38	394732.52	37.41	Soil	11,400	-0.08
09/01/2021	15:13:10	78794.77	394732.48	37.44	Soil	9,780	-1.21
09/01/2021	15:13:11	78794.65	394732.29	37.42	Soil	8,700	-1.97
09/01/2021	15:13:12	78794.77	394732.23	37.43	Soil	10,920	-0.41
09/01/2021	15:13:13	78794.88	394732.22	37.57	Soil	11,820	0.22
09/01/2021	15:13:14	78795.18	394732.36	37.64	Soil	11,520	0.01
09/01/2021	15:13:15	78795.12	394732.31	37.54	Soil	12,240	0.51
09/01/2021	15:13:16	78794.78	394732.13	37.48	Soil	10,320	-0.84
09/01/2021	15:13:17	78794.60	394732.01	37.49	Soil	10,680	-0.58

SU 7D GWS RESULTS
(SOIL)

09/01/2021	15:13:18	78795.04	394732.10	37.75	Soil	10,260	-0.88
09/01/2021	15:13:19	78795.06	394731.95	38.33	Soil	10,080	-1.00
09/01/2021	15:13:20	78794.87	394731.86	38.79	Soil	8,580	-2.06
09/01/2021	15:13:21	78794.90	394731.99	38.83	Soil	10,740	-0.54
09/01/2021	15:13:22	78794.88	394732.02	38.82	Soil	10,200	-0.92
09/01/2021	15:13:23	78794.81	394731.99	38.84	Soil	12,000	0.34
09/01/2021	15:13:24	78794.93	394732.01	38.77	Soil	11,880	0.26
09/01/2021	15:13:25	78794.89	394732.03	38.71	Soil	10,680	-0.58
09/01/2021	15:13:26	78794.84	394731.99	38.63	Soil	10,740	-0.54
09/01/2021	15:13:27	78794.86	394732.01	38.63	Soil	9,720	-1.26
09/01/2021	15:13:28	78794.84	394732.04	38.61	Soil	10,680	-0.58
09/01/2021	15:13:29	78794.85	394732.02	38.62	Soil	10,020	-1.05
09/01/2021	15:13:30	78794.84	394732.06	38.62	Soil	9,480	-1.42
09/01/2021	15:13:31	78794.83	394732.05	38.62	Soil	9,240	-1.59
09/01/2021	15:13:32	78794.85	394732.05	38.62	Soil	8,640	-2.01
09/01/2021	15:13:33	78794.83	394732.08	38.61	Soil	10,080	-1.00
09/01/2021	15:13:34	78794.84	394732.06	38.61	Soil	10,380	-0.79
09/01/2021	15:13:35	78794.84	394732.08	38.61	Soil	10,080	-1.00
09/01/2021	15:13:36	78794.81	394732.09	38.60	Soil	8,940	-1.80
09/01/2021	15:13:37	78794.83	394732.07	38.59	Soil	9,180	-1.64
09/01/2021	15:13:38	78794.85	394732.12	38.58	Soil	9,780	-1.21
09/01/2021	15:13:39	78794.94	394732.18	38.55	Soil	10,440	-0.75
09/01/2021	15:13:40	78795.02	394732.21	38.55	Soil	10,260	-0.88
09/01/2021	15:13:41	78795.05	394732.26	38.56	Soil	10,980	-0.37
09/01/2021	15:13:42	78795.19	394732.31	38.54	Soil	10,680	-0.58
09/01/2021	15:13:43	78795.21	394732.35	38.54	Soil	10,200	-0.92
09/01/2021	15:13:44	78795.26	394732.40	38.53	Soil	9,240	-1.59
09/01/2021	15:13:45	78795.39	394732.45	38.51	Soil	10,080	-1.00
09/01/2021	15:13:46	78795.37	394732.48	38.09	Soil	8,940	-1.80
09/01/2021	15:13:47	78795.34	394732.51	37.77	Soil	9,000	-1.76
09/01/2021	15:13:48	78795.37	394732.59	37.72	Soil	9,180	-1.64
09/01/2021	15:13:49	78795.56	394732.72	37.75	Soil	10,740	-0.54
09/01/2021	15:13:50	78795.36	394732.62	37.58	Soil	9,120	-1.68
09/01/2021	15:13:51	78794.98	394732.69	37.53	Soil	10,080	-1.00
09/01/2021	15:13:52	78795.11	394732.96	37.57	Soil	10,080	-1.00
09/01/2021	15:13:53	78795.17	394733.13	37.57	Soil	10,020	-1.05
09/01/2021	15:13:54	78795.00	394733.15	37.50	Soil	9,180	-1.64
09/01/2021	15:13:55	78794.82	394733.37	37.50	Soil	10,140	-0.96
09/01/2021	15:13:56	78795.01	394733.57	37.53	Soil	10,620	-0.62
09/01/2021	15:13:57	78794.87	394733.30	37.49	Soil	9,240	-1.59
09/01/2021	15:13:58	78794.54	394733.20	37.50	Soil	10,440	-0.75
09/01/2021	15:13:59	78794.58	394733.30	37.50	Soil	11,220	-0.20
09/01/2021	15:14:00	78794.90	394733.69	37.52	Soil	9,480	-1.42
09/01/2021	15:14:01	78794.84	394733.62	37.48	Soil	10,380	-0.79
09/01/2021	15:14:02	78794.72	394733.58	37.48	Soil	9,540	-1.38
09/01/2021	15:14:03	78794.88	394733.81	37.49	Soil	9,240	-1.59
09/01/2021	15:14:04	78794.76	394733.70	37.49	Soil	10,560	-0.67
09/01/2021	15:14:05	78794.38	394733.43	37.44	Soil	9,480	-1.42
09/01/2021	15:14:06	78794.45	394733.66	37.47	Soil	10,320	-0.84
09/01/2021	15:14:07	78794.78	394733.99	37.47	Soil	9,720	-1.26
09/01/2021	15:14:08	78794.61	394733.79	37.48	Soil	9,480	-1.42

SU 7D GWS RESULTS
(SOIL)

09/01/2021	15:14:09	78794.29	394733.63	37.43	Soil	9,600	-1.34
09/01/2021	15:14:10	78794.35	394733.78	37.48	Soil	10,920	-0.41
09/01/2021	15:14:11	78794.55	394733.92	37.47	Soil	8,940	-1.80
09/01/2021	15:14:12	78794.38	394733.94	37.45	Soil	9,660	-1.30
09/01/2021	15:14:13	78794.06	394733.93	37.49	Soil	11,220	-0.20
09/01/2021	15:14:14	78794.18	394734.17	37.47	Soil	9,720	-1.26
09/01/2021	15:14:15	78794.47	394734.45	37.45	Soil	10,200	-0.92
09/01/2021	15:14:16	78794.24	394734.44	37.40	Soil	9,720	-1.26
09/01/2021	15:14:17	78793.85	394734.30	37.40	Soil	9,660	-1.30
09/01/2021	15:14:18	78794.06	394734.43	37.43	Soil	11,160	-0.25
09/01/2021	15:14:19	78794.34	394734.65	37.37	Soil	9,180	-1.64
09/01/2021	15:14:20	78794.01	394734.53	37.25	Soil	9,480	-1.42
09/01/2021	15:14:21	78793.71	394734.47	37.25	Soil	9,600	-1.34
09/01/2021	15:14:22	78793.86	394734.73	37.24	Soil	10,920	-0.41
09/01/2021	15:14:23	78793.84	394734.81	37.23	Soil	9,180	-1.64
09/01/2021	15:14:24	78793.47	394734.74	37.17	Soil	9,600	-1.34
09/01/2021	15:14:25	78793.37	394734.92	37.22	Soil	10,320	-0.84
09/01/2021	15:14:26	78793.76	394735.21	37.18	Soil	10,140	-0.96
09/01/2021	15:14:27	78793.67	394735.25	37.13	Soil	11,460	-0.04
09/01/2021	15:14:28	78793.18	394735.20	37.06	Soil	9,600	-1.34
09/01/2021	15:14:29	78793.17	394735.33	37.06	Soil	10,800	-0.50
09/01/2021	15:14:30	78793.47	394735.60	37.00	Soil	10,440	-0.75
09/01/2021	15:14:31	78793.23	394735.61	36.96	Soil	9,720	-1.26
09/01/2021	15:14:32	78792.91	394735.64	37.06	Soil	10,740	-0.54
09/01/2021	15:14:33	78793.14	394735.87	37.34	Soil	10,680	-0.58
09/01/2021	15:14:34	78793.51	394736.06	37.30	Soil	10,320	-0.84
09/01/2021	15:14:35	78793.50	394735.98	37.28	Soil	9,660	-1.30
09/01/2021	15:14:36	78793.27	394735.89	37.31	Soil	10,080	-1.00
09/01/2021	15:14:37	78793.39	394735.98	37.56	Soil	8,520	-2.10
09/01/2021	15:14:38	78793.56	394736.03	37.78	Soil	11,640	0.09
09/01/2021	15:14:39	78793.41	394735.98	37.78	Soil	8,880	-1.85
09/01/2021	15:14:40	78793.38	394735.95	37.79	Soil	9,720	-1.26
09/01/2021	15:14:41	78793.54	394735.99	37.80	Soil	8,820	-1.89
09/01/2021	15:14:42	78793.41	394735.97	37.75	Soil	9,660	-1.30
09/01/2021	15:14:43	78793.42	394735.93	37.78	Soil	9,240	-1.59
09/01/2021	15:14:44	78793.50	394735.97	37.76	Soil	10,740	-0.54
09/01/2021	15:14:45	78793.43	394735.95	37.71	Soil	10,020	-1.05
09/01/2021	15:14:46	78793.48	394735.88	37.71	Soil	9,600	-1.34
09/01/2021	15:14:47	78793.53	394735.92	37.71	Soil	10,800	-0.50
09/01/2021	15:14:48	78793.47	394735.90	37.69	Soil	9,660	-1.30
09/01/2021	15:14:49	78793.52	394735.85	37.62	Soil	9,720	-1.26
09/01/2021	15:14:50	78793.53	394735.89	37.63	Soil	9,360	-1.51
09/01/2021	15:14:51	78793.51	394735.87	37.62	Soil	10,320	-0.84
09/01/2021	15:14:52	78793.60	394735.86	37.65	Soil	10,680	-0.58
09/01/2021	15:14:53	78793.62	394735.94	37.66	Soil	10,620	-0.62
09/01/2021	15:14:54	78793.60	394735.93	37.65	Soil	9,540	-1.38
09/01/2021	15:14:55	78793.75	394735.88	37.63	Soil	10,560	-0.67
09/01/2021	15:14:56	78793.67	394735.91	37.67	Soil	9,900	-1.13
09/01/2021	15:14:57	78793.47	394735.87	38.03	Soil	10,680	-0.58
09/01/2021	15:14:58	78793.21	394735.75	38.10	Soil	9,780	-1.21
09/01/2021	15:14:59	78793.25	394735.59	38.29	Soil	10,620	-0.62

SU 7D GWS RESULTS
(SOIL)

09/01/2021	15:15:00	78793.34	394735.69	38.54	Soil	10,620	-0.62
09/01/2021	15:15:01	78793.26	394735.68	38.54	Soil	9,480	-1.42
09/01/2021	15:15:02	78793.22	394735.62	38.56	Soil	10,380	-0.79
09/01/2021	15:15:03	78793.26	394735.73	38.54	Soil	8,940	-1.80
09/01/2021	15:15:04	78793.25	394735.64	38.54	Soil	9,780	-1.21
09/01/2021	15:15:05	78793.25	394735.67	38.53	Soil	10,860	-0.46
09/01/2021	15:15:06	78793.30	394735.65	38.54	Soil	9,600	-1.34
09/01/2021	15:15:07	78793.21	394735.70	38.53	Soil	9,480	-1.42
09/01/2021	15:15:08	78793.22	394735.72	38.52	Soil	10,680	-0.58
09/01/2021	15:15:09	78793.20	394735.74	38.52	Soil	9,180	-1.64
09/01/2021	15:15:10	78793.21	394735.74	38.51	Soil	11,400	-0.08
09/01/2021	15:15:11	78793.18	394735.76	38.50	Soil	10,380	-0.79
09/01/2021	15:15:12	78793.16	394735.77	38.50	Soil	9,840	-1.17
09/01/2021	15:15:13	78793.16	394735.78	38.49	Soil	10,320	-0.84
09/01/2021	15:15:14	78793.15	394735.79	38.49	Soil	10,980	-0.37
09/01/2021	15:15:15	78793.15	394735.80	38.46	Soil	9,780	-1.21
09/01/2021	15:15:16	78793.12	394735.80	38.47	Soil	10,860	-0.46
09/01/2021	15:15:17	78793.14	394735.79	38.49	Soil	9,900	-1.13
09/01/2021	15:15:18	78793.10	394735.83	39.28	Soil	8,400	-2.18
09/01/2021	15:15:19	78792.98	394735.95	39.88	Soil	8,640	-2.01
09/01/2021	15:15:20	78792.86	394735.84	40.16	Soil	8,580	-2.06
09/01/2021	15:15:21	78792.80	394735.74	40.14	Soil	10,200	-0.92
09/01/2021	15:15:22	78792.86	394735.80	40.35	Soil	9,660	-1.30
09/01/2021	15:15:23	78792.91	394735.84	40.05	Soil	8,880	-1.85
09/01/2021	15:15:24	78792.70	394735.85	39.84	Soil	10,080	-1.00
09/01/2021	15:15:25	78792.78	394735.58	39.84	Soil	7,380	-2.90
09/01/2021	15:15:26	78792.76	394735.45	39.84	Soil	8,460	-2.14
09/01/2021	15:15:27	78792.74	394735.49	39.85	Soil	8,640	-2.01
09/01/2021	15:15:28	78792.75	394735.47	39.86	Soil	6,300	-3.66
09/01/2021	15:15:29	78792.76	394735.46	39.86	Soil	8,520	-2.10
09/01/2021	15:15:30	78792.75	394735.44	39.86	Soil	7,680	-2.69
09/01/2021	15:15:31	78792.76	394735.42	39.86	Soil	7,740	-2.65
09/01/2021	15:15:32	78792.78	394735.40	39.86	Soil	7,500	-2.81
09/01/2021	15:15:33	78792.79	394735.38	39.86	Soil	6,300	-3.66
09/01/2021	15:15:34	78792.81	394735.37	39.88	Soil	8,640	-2.01
09/01/2021	15:15:35	78792.82	394735.36	39.88	Soil	7,320	-2.94
09/01/2021	15:15:36	78792.82	394735.35	39.89	Soil	7,860	-2.56
09/01/2021	15:15:37	78792.84	394735.35	39.92	Soil	7,980	-2.48
09/01/2021	15:15:38	78792.84	394735.34	39.94	Soil	8,520	-2.10
09/01/2021	15:15:39	78792.85	394735.35	39.96	Soil	7,980	-2.48
09/01/2021	15:15:40	78792.85	394735.34	39.96	Soil	8,760	-1.93
09/01/2021	15:15:41	78792.86	394735.33	39.97	Soil	8,160	-2.35
09/01/2021	15:15:42	78792.86	394735.33	40.00	Soil	7,080	-3.11
09/01/2021	15:15:43	78792.87	394735.33	40.01	Soil	7,980	-2.48
09/01/2021	15:15:44	78792.88	394735.32	40.03	Soil	7,800	-2.60
09/01/2021	15:15:45	78792.89	394735.32	40.05	Soil	7,680	-2.69
09/01/2021	15:15:46	78792.89	394735.31	40.06	Soil	7,140	-3.07
09/01/2021	15:15:47	78792.90	394735.31	40.09	Soil	8,760	-1.93
09/01/2021	15:15:48	78792.91	394735.31	40.11	Soil	6,420	-3.57
09/01/2021	15:15:49	78792.91	394735.31	40.13	Soil	8,280	-2.27
09/01/2021	15:15:50	78792.92	394735.31	40.14	Soil	6,840	-3.28

SU 7D GWS RESULTS
(SOIL)

09/01/2021	15:15:51	78792.92	394735.30	40.15	Soil	7,320	-2.94
09/01/2021	15:15:52	78792.93	394735.29	40.15	Soil	8,040	-2.44
09/01/2021	15:15:53	78792.93	394735.28	40.16	Soil	8,580	-2.06
09/01/2021	15:15:54	78792.93	394735.28	40.16	Soil	7,500	-2.81
09/01/2021	15:15:55	78792.93	394735.27	40.17	Soil	8,040	-2.44
09/01/2021	15:15:56	78792.94	394735.27	40.19	Soil	7,860	-2.56
09/01/2021	15:15:57	78792.94	394735.26	40.19	Soil	7,680	-2.69
09/01/2021	15:15:58	78792.95	394735.26	40.21	Soil	7,380	-2.90
09/01/2021	15:15:59	78792.96	394735.26	40.24	Soil	6,180	-3.74
09/01/2021	15:16:00	78792.96	394735.31	40.60	Soil	7,380	-2.90
09/01/2021	15:16:01	78792.96	394735.62	40.53	Soil	9,540	-1.38
09/01/2021	15:16:02	78793.08	394735.78	40.60	Soil	9,300	-1.55
09/01/2021	15:16:03	78793.22	394735.79	40.89	Soil	12,600	0.76
09/01/2021	15:16:04	78793.37	394735.83	40.74	Soil	9,480	-1.42
09/01/2021	15:16:05	78793.34	394735.67	40.73	Soil	8,460	-2.14
09/01/2021	15:16:06	78793.25	394735.70	40.58	Soil	8,760	-1.93
09/01/2021	15:16:07	78793.24	394735.61	40.40	Soil	9,300	-1.55
09/01/2021	15:16:08	78793.26	394735.59	40.32	Soil	10,140	-0.96
09/01/2021	15:16:09	78793.18	394735.72	40.22	Soil	8,880	-1.85
09/01/2021	15:16:10	78793.20	394735.74	39.89	Soil	9,420	-1.47
09/01/2021	15:16:11	78793.22	394735.64	39.37	Soil	9,540	-1.38
09/01/2021	15:16:12	78793.28	394735.57	39.13	Soil	9,840	-1.17
09/01/2021	15:16:13	78793.35	394735.59	38.84	Soil	8,340	-2.22
09/01/2021	15:16:14	78793.47	394735.51	38.38	Soil	9,660	-1.30
09/01/2021	15:16:15	78793.36	394735.39	37.86	Soil	10,140	-0.96
09/01/2021	15:16:16	78793.18	394735.36	37.40	Soil	9,600	-1.34
09/01/2021	15:16:17	78793.20	394735.39	37.39	Soil	10,560	-0.67
09/01/2021	15:16:18	78793.15	394735.37	37.49	Soil	9,300	-1.55
09/01/2021	15:16:19	78793.22	394735.36	37.51	Soil	10,440	-0.75
09/01/2021	15:16:20	78793.41	394735.54	37.50	Soil	11,220	-0.20
09/01/2021	15:16:21	78793.33	394735.56	37.49	Soil	9,240	-1.59
09/01/2021	15:16:22	78793.03	394735.40	37.53	Soil	9,600	-1.34
09/01/2021	15:16:23	78793.33	394735.71	37.51	Soil	9,480	-1.42
09/01/2021	15:16:24	78793.63	394735.94	37.55	Soil	9,240	-1.59
09/01/2021	15:16:25	78793.08	394735.46	37.58	Soil	8,820	-1.89
09/01/2021	15:16:26	78792.99	394735.34	37.57	Soil	10,500	-0.71
09/01/2021	15:16:27	78793.63	394735.80	37.56	Soil	10,920	-0.41
09/01/2021	15:16:28	78793.70	394735.86	37.57	Soil	10,500	-0.71
09/01/2021	15:16:29	78793.19	394735.48	37.52	Soil	9,300	-1.55
09/01/2021	15:16:30	78793.23	394735.47	37.50	Soil	10,140	-0.96
09/01/2021	15:16:31	78793.59	394735.73	37.47	Soil	9,480	-1.42
09/01/2021	15:16:32	78793.45	394735.64	37.48	Soil	9,600	-1.34
09/01/2021	15:16:33	78793.20	394735.44	37.48	Soil	9,420	-1.47
09/01/2021	15:16:34	78793.42	394735.57	37.49	Soil	9,600	-1.34
09/01/2021	15:16:35	78793.58	394735.71	37.53	Soil	9,720	-1.26
09/01/2021	15:16:36	78793.35	394735.57	37.50	Soil	10,380	-0.79
09/01/2021	15:16:37	78793.12	394735.40	37.48	Soil	10,080	-1.00
09/01/2021	15:16:38	78793.45	394735.66	37.47	Soil	8,820	-1.89
09/01/2021	15:16:39	78793.71	394735.84	37.47	Soil	9,840	-1.17
09/01/2021	15:16:40	78793.24	394735.49	37.49	Soil	8,880	-1.85
09/01/2021	15:16:41	78792.98	394735.27	37.46	Soil	8,580	-2.06

SU 7D GWS RESULTS
(SOIL)

09/01/2021	15:16:42	78793.35	394735.54	37.43	Soil	11,340	-0.12
09/01/2021	15:16:43	78793.48	394735.60	37.39	Soil	10,140	-0.96
09/01/2021	15:16:44	78793.00	394735.32	37.28	Soil	8,520	-2.10
09/01/2021	15:16:45	78792.90	394735.35	37.11	Soil	11,760	0.18
09/01/2021	15:16:46	78793.38	394735.67	37.12	Soil	9,900	-1.13
09/01/2021	15:16:47	78793.13	394735.33	37.19	Soil	10,200	-0.92
09/01/2021	15:16:48	78793.49	394735.16	37.25	Soil	9,480	-1.42
09/01/2021	15:16:49	78793.76	394735.32	37.24	Soil	11,160	-0.25
09/01/2021	15:16:50	78793.53	394735.23	37.26	Soil	10,260	-0.88
09/01/2021	15:16:51	78793.38	394735.38	37.26	Soil	9,300	-1.55
09/01/2021	15:16:52	78793.38	394735.40	37.17	Soil	9,780	-1.21
09/01/2021	15:16:53	78793.38	394734.97	37.24	Soil	10,740	-0.54
09/01/2021	15:16:54	78793.78	394735.05	37.28	Soil	9,600	-1.34
09/01/2021	15:16:55	78793.85	394735.25	37.27	Soil	10,140	-0.96
09/01/2021	15:16:56	78793.60	394735.09	37.23	Soil	10,800	-0.50
09/01/2021	15:16:57	78793.31	394734.86	37.35	Soil	10,980	-0.37
09/01/2021	15:16:58	78793.79	394734.87	37.44	Soil	10,860	-0.46
09/01/2021	15:16:59	78794.22	394734.94	37.33	Soil	9,720	-1.26
09/01/2021	15:17:00	78793.77	394734.55	37.33	Soil	9,600	-1.34
09/01/2021	15:17:01	78793.54	394734.48	37.34	Soil	10,500	-0.71
09/01/2021	15:17:02	78793.93	394734.46	37.41	Soil	12,060	0.39
09/01/2021	15:17:03	78794.16	394734.67	37.49	Soil	9,360	-1.51
09/01/2021	15:17:04	78794.21	394734.59	37.51	Soil	9,780	-1.21
09/01/2021	15:17:05	78794.07	394734.26	37.53	Soil	9,720	-1.26
09/01/2021	15:17:06	78794.08	394733.85	37.58	Soil	9,720	-1.26
09/01/2021	15:17:07	78794.51	394733.85	37.57	Soil	9,420	-1.47
09/01/2021	15:17:08	78794.45	394733.81	37.71	Soil	9,840	-1.17
09/01/2021	15:17:09	78794.46	394733.78	37.70	Soil	9,300	-1.55
09/01/2021	15:17:10	78794.58	394733.99	37.70	Soil	8,760	-1.93
09/01/2021	15:17:11	78794.83	394734.24	37.65	Soil	10,260	-0.88
09/01/2021	15:17:12	78794.87	394734.35	37.60	Soil	10,680	-0.58
09/01/2021	15:17:13	78794.94	394734.35	37.60	Soil	7,740	-2.65
09/01/2021	15:17:14	78794.97	394734.35	37.57	Soil	9,120	-1.68
09/01/2021	15:17:15	78795.06	394734.39	37.53	Soil	9,840	-1.17
09/01/2021	15:17:16	78795.17	394734.43	37.50	Soil	8,820	-1.89
09/01/2021	15:17:17	78795.18	394734.41	37.69	Soil	9,240	-1.59
09/01/2021	15:17:18	78795.07	394734.51	37.72	Soil	8,700	-1.97
09/01/2021	15:17:19	78795.22	394734.55	37.93	Soil	10,320	-0.84
09/01/2021	15:17:20	78795.32	394734.72	38.02	Soil	8,580	-2.06
09/01/2021	15:17:21	78795.45	394734.72	37.99	Soil	8,520	-2.10
09/01/2021	15:17:22	78795.58	394734.70	38.13	Soil	11,700	0.13
09/01/2021	15:17:23	78795.52	394734.61	37.99	Soil	10,020	-1.05
09/01/2021	15:17:24	78795.21	394734.54	37.90	Soil	10,500	-0.71
09/01/2021	15:17:25	78795.06	394734.50	38.01	Soil	9,060	-1.72
09/01/2021	15:17:26	78795.30	394734.74	37.98	Soil	7,980	-2.48
09/01/2021	15:17:27	78795.19	394734.91	37.98	Soil	9,900	-1.13
09/01/2021	15:17:28	78794.83	394734.87	38.03	Soil	9,480	-1.42
09/01/2021	15:17:29	78795.03	394735.10	38.01	Soil	9,060	-1.72
09/01/2021	15:17:30	78795.31	394735.28	37.98	Soil	10,500	-0.71
09/01/2021	15:17:31	78794.88	394734.97	37.87	Soil	9,240	-1.59
09/01/2021	15:17:32	78794.66	394734.92	37.97	Soil	9,120	-1.68

SU 7D GWS RESULTS
(SOIL)

09/01/2021	15:17:33	78795.06	394735.38	37.95	Soil	9,660	-1.30
09/01/2021	15:17:34	78795.15	394735.48	37.93	Soil	9,840	-1.17
09/01/2021	15:17:35	78794.93	394735.25	37.77	Soil	9,480	-1.42
09/01/2021	15:17:36	78794.56	394735.09	37.78	Soil	9,120	-1.68
09/01/2021	15:17:37	78794.72	394735.23	37.92	Soil	10,800	-0.50
09/01/2021	15:17:38	78794.98	394735.51	37.88	Soil	9,180	-1.64
09/01/2021	15:17:39	78794.92	394735.47	37.82	Soil	10,260	-0.88
09/01/2021	15:17:40	78794.62	394735.53	37.83	Soil	10,140	-0.96
09/01/2021	15:17:41	78794.68	394735.63	37.90	Soil	9,600	-1.34
09/01/2021	15:17:42	78794.93	394735.83	37.86	Soil	9,240	-1.59
09/01/2021	15:17:43	78794.77	394735.83	37.77	Soil	9,180	-1.64
09/01/2021	15:17:44	78794.41	394735.69	37.80	Soil	10,260	-0.88
09/01/2021	15:17:45	78794.80	394735.89	37.85	Soil	10,740	-0.54
09/01/2021	15:17:46	78794.81	394736.00	37.64	Soil	10,380	-0.79
09/01/2021	15:17:47	78794.21	394735.84	37.45	Soil	9,300	-1.55
09/01/2021	15:17:48	78793.98	394736.06	37.58	Soil	9,480	-1.42
09/01/2021	15:17:49	78794.26	394736.36	37.64	Soil	9,780	-1.21
09/01/2021	15:17:50	78794.29	394736.40	37.63	Soil	9,720	-1.26
09/01/2021	15:17:51	78794.05	394736.27	37.57	Soil	10,200	-0.92
09/01/2021	15:17:52	78794.03	394736.06	37.65	Soil	9,660	-1.30
09/01/2021	15:17:53	78794.40	394736.44	37.76	Soil	8,400	-2.18
09/01/2021	15:17:54	78794.39	394736.48	37.77	Soil	9,300	-1.55
09/01/2021	15:17:55	78793.88	394736.10	37.68	Soil	9,180	-1.64
09/01/2021	15:17:56	78793.87	394736.23	37.75	Soil	9,540	-1.38
09/01/2021	15:17:57	78794.30	394736.68	37.62	Soil	9,540	-1.38
09/01/2021	15:17:58	78793.85	394736.42	37.48	Soil	10,920	-0.41
09/01/2021	15:17:59	78793.63	394736.31	37.62	Soil	11,040	-0.33
09/01/2021	15:18:00	78794.08	394736.66	37.73	Soil	9,180	-1.64
09/01/2021	15:18:01	78794.09	394736.84	37.65	Soil	8,940	-1.80
09/01/2021	15:18:02	78793.80	394736.72	37.66	Soil	9,780	-1.21
09/01/2021	15:18:03	78793.63	394736.96	37.69	Soil	11,100	-0.29
09/01/2021	15:18:04	78793.80	394737.30	37.61	Soil	8,100	-2.39
09/01/2021	15:18:05	78793.56	394737.32	37.60	Soil	9,660	-1.30
09/01/2021	15:18:06	78793.57	394737.28	37.91	Soil	7,980	-2.48
09/01/2021	15:18:07	78793.81	394737.24	38.39	Soil	10,440	-0.75
09/01/2021	15:18:08	78793.76	394737.21	38.82	Soil	10,800	-0.50
09/01/2021	15:18:09	78793.67	394737.20	38.84	Soil	9,720	-1.26
09/01/2021	15:18:10	78793.73	394737.15	38.82	Soil	9,900	-1.13
09/01/2021	15:18:11	78793.68	394737.22	38.79	Soil	8,700	-1.97
09/01/2021	15:18:12	78793.64	394737.15	38.82	Soil	10,320	-0.84
09/01/2021	15:18:13	78793.36	394737.02	38.83	Soil	10,440	-0.75
09/01/2021	15:18:14	78793.23	394736.85	38.82	Soil	10,320	-0.84
09/01/2021	15:18:15	78792.99	394736.75	38.88	Soil	11,700	0.13
09/01/2021	15:18:16	78792.59	394736.54	38.91	Soil	9,900	-1.13
09/01/2021	15:18:17	78792.14	394736.25	38.93	Soil	9,900	-1.13
09/01/2021	15:18:18	78791.77	394735.95	38.97	Soil	9,240	-1.59
09/01/2021	15:18:19	78791.46	394735.74	38.98	Soil	10,740	-0.54
09/01/2021	15:18:20	78791.32	394735.59	38.96	Soil	8,820	-1.89
09/01/2021	15:18:21	78791.36	394735.63	38.93	Soil	9,060	-1.72
09/01/2021	15:18:22	78791.50	394735.57	38.96	Soil	9,420	-1.47
09/01/2021	15:18:23	78791.59	394735.43	38.96	Soil	10,200	-0.92

SU 7D GWS RESULTS
(SOIL)

09/01/2021	15:18:24	78791.73	394735.30	38.99	Soil	9,600	-1.34
09/01/2021	15:18:25	78791.80	394735.10	39.01	Soil	10,980	-0.37
09/01/2021	15:18:26	78791.95	394734.97	38.82	Soil	10,980	-0.37
09/01/2021	15:18:27	78792.07	394734.75	38.29	Soil	9,300	-1.55
09/01/2021	15:18:28	78792.14	394734.56	38.33	Soil	9,660	-1.30
09/01/2021	15:18:29	78792.13	394734.21	38.33	Soil	9,000	-1.76
09/01/2021	15:18:30	78792.30	394734.16	38.36	Soil	11,160	-0.25
09/01/2021	15:18:31	78792.47	394734.19	38.42	Soil	10,980	-0.37
09/01/2021	15:18:32	78792.43	394733.94	38.46	Soil	9,060	-1.72
09/01/2021	15:18:33	78792.56	394734.11	38.44	Soil	10,560	-0.67
09/01/2021	15:18:34	78792.82	394734.52	38.47	Soil	10,560	-0.67
09/01/2021	15:18:35	78792.56	394734.03	38.51	Soil	8,160	-2.35
09/01/2021	15:18:36	78792.26	394733.76	38.44	Soil	11,100	-0.29
09/01/2021	15:18:37	78792.75	394734.39	38.48	Soil	9,660	-1.30
09/01/2021	15:18:38	78792.81	394734.32	38.48	Soil	10,140	-0.96
09/01/2021	15:18:39	78792.49	394733.97	38.42	Soil	10,380	-0.79
09/01/2021	15:18:40	78792.71	394734.34	38.39	Soil	9,600	-1.34
09/01/2021	15:18:41	78792.73	394734.21	38.49	Soil	11,160	-0.25
09/01/2021	15:18:42	78792.36	394733.83	38.48	Soil	10,320	-0.84
09/01/2021	15:18:43	78792.88	394734.28	38.44	Soil	9,000	-1.76
09/01/2021	15:18:44	78793.32	394734.24	38.42	Soil	10,620	-0.62
09/01/2021	15:18:45	78792.87	394733.52	38.23	Soil	9,600	-1.34
09/01/2021	15:18:46	78792.90	394733.44	37.94	Soil	9,000	-1.76
09/01/2021	15:18:47	78793.56	394733.68	37.77	Soil	9,600	-1.34
09/01/2021	15:18:48	78793.72	394733.33	37.80	Soil	10,800	-0.50
09/01/2021	15:18:49	78793.39	394732.88	37.85	Soil	9,660	-1.30
09/01/2021	15:18:50	78793.41	394732.91	37.87	Soil	11,340	-0.12
09/01/2021	15:18:51	78793.80	394733.04	37.91	Soil	10,260	-0.88
09/01/2021	15:18:52	78793.93	394732.69	37.95	Soil	11,700	0.13
09/01/2021	15:18:53	78793.90	394732.36	38.02	Soil	11,100	-0.29
09/01/2021	15:18:54	78794.17	394732.48	38.06	Soil	10,680	-0.58
09/01/2021	15:18:55	78794.41	394732.45	38.06	Soil	10,020	-1.05
09/01/2021	15:18:56	78794.25	394732.12	38.13	Soil	10,140	-0.96
09/01/2021	15:18:57	78794.20	394732.10	38.10	Soil	10,080	-1.00
09/01/2021	15:18:58	78794.46	394732.27	38.02	Soil	10,620	-0.62
09/01/2021	15:18:59	78794.46	394732.04	38.18	Soil	8,820	-1.89
09/01/2021	15:19:00	78794.26	394731.91	38.20	Soil	8,040	-2.44
09/01/2021	15:19:01	78794.36	394732.11	38.21	Soil	9,960	-1.09
09/01/2021	15:19:02	78794.57	394732.12	38.22	Soil	10,320	-0.84
09/01/2021	15:19:03	78794.59	394732.19	38.20	Soil	10,560	-0.67
09/01/2021	15:19:04	78794.89	394732.55	38.20	Soil	9,300	-1.55
09/01/2021	15:19:05	78795.29	394732.62	38.21	Soil	9,420	-1.47
09/01/2021	15:19:06	78795.40	394732.72	38.18	Soil	11,520	0.01
09/01/2021	15:19:07	78795.63	394733.03	38.15	Soil	11,340	-0.12
09/01/2021	15:19:08	78795.98	394733.09	38.15	Soil	10,680	-0.58
09/01/2021	15:19:09	78795.96	394733.14	38.16	Soil	11,160	-0.25
09/01/2021	15:19:10	78796.12	394733.23	38.12	Soil	9,180	-1.64
09/01/2021	15:19:11	78796.19	394733.27	38.25	Soil	10,320	-0.84
09/01/2021	15:19:12	78796.19	394733.40	38.24	Soil	10,080	-1.00
09/01/2021	15:19:13	78796.22	394733.33	38.12	Soil	9,420	-1.47
09/01/2021	15:19:14	78795.78	394733.06	38.11	Soil	10,380	-0.79

SU 7D GWS RESULTS
(SOIL)

09/01/2021	15:19:15	78795.74	394733.23	38.28	Soil	9,240	-1.59
09/01/2021	15:19:16	78796.42	394733.67	38.26	Soil	10,440	-0.75
09/01/2021	15:19:17	78796.35	394733.59	38.29	Soil	9,480	-1.42
09/01/2021	15:19:18	78796.24	394733.20	38.49	Soil	10,140	-0.96
09/01/2021	15:19:19	78796.66	394733.43	38.48	Soil	10,800	-0.50
09/01/2021	15:19:20	78796.91	394733.65	38.41	Soil	9,300	-1.55
09/01/2021	15:19:21	78796.40	394733.61	38.26	Soil	9,060	-1.72
09/01/2021	15:19:22	78796.17	394733.59	38.28	Soil	10,560	-0.67
09/01/2021	15:19:23	78796.64	394733.82	38.54	Soil	10,200	-0.92
09/01/2021	15:19:24	78797.11	394733.67	38.53	Soil	10,200	-0.92
09/01/2021	15:19:25	78797.24	394733.44	38.53	Soil	8,820	-1.89
09/01/2021	15:19:26	78796.80	394733.62	38.55	Soil	10,080	-1.00
09/01/2021	15:19:27	78796.99	394733.58	38.55	Soil	9,480	-1.42
09/01/2021	15:19:28	78797.05	394733.57	38.46	Soil	9,540	-1.38
09/01/2021	15:19:29	78796.56	394733.51	38.50	Soil	10,500	-0.71
09/01/2021	15:19:30	78796.68	394733.40	38.35	Soil	9,240	-1.59
09/01/2021	15:19:31	78796.83	394733.40	38.32	Soil	10,320	-0.84
09/01/2021	15:19:32	78796.35	394733.34	38.13	Soil	10,920	-0.41
09/01/2021	15:19:33	78796.08	394733.44	38.20	Soil	11,640	0.09
09/01/2021	15:19:34	78796.23	394733.44	38.16	Soil	9,840	-1.17
09/01/2021	15:19:35	78796.02	394733.23	38.07	Soil	10,200	-0.92
09/01/2021	15:19:36	78795.72	394732.98	38.12	Soil	9,780	-1.21
09/01/2021	15:19:37	78795.91	394733.16	38.16	Soil	10,980	-0.37
09/01/2021	15:19:38	78796.20	394733.43	38.12	Soil	10,080	-1.00
09/01/2021	15:19:39	78795.76	394733.28	37.95	Soil	9,360	-1.51
09/01/2021	15:19:40	78795.54	394733.11	38.02	Soil	8,820	-1.89
09/01/2021	15:19:41	78795.62	394733.27	38.20	Soil	10,140	-0.96
09/01/2021	15:19:42	78796.08	394733.47	38.17	Soil	9,900	-1.13
09/01/2021	15:19:43	78796.20	394733.35	38.16	Soil	9,000	-1.76
09/01/2021	15:19:44	78796.11	394733.21	38.16	Soil	10,020	-1.05
09/01/2021	15:19:45	78796.32	394733.26	38.15	Soil	9,960	-1.09
09/01/2021	15:19:46	78796.28	394733.30	38.12	Soil	8,520	-2.10
09/01/2021	15:19:47	78796.04	394733.29	38.11	Soil	10,680	-0.58
09/01/2021	15:19:48	78795.97	394733.25	38.12	Soil	9,780	-1.21
09/01/2021	15:19:49	78795.68	394733.08	38.13	Soil	10,860	-0.46
09/01/2021	15:19:50	78795.36	394732.92	38.13	Soil	8,880	-1.85
09/01/2021	15:19:51	78795.18	394732.73	38.14	Soil	10,980	-0.37
09/01/2021	15:19:52	78794.86	394732.53	38.15	Soil	10,140	-0.96
09/01/2021	15:19:53	78794.55	394732.33	38.15	Soil	10,440	-0.75
09/01/2021	15:19:54	78794.36	394732.12	38.18	Soil	10,920	-0.41
09/01/2021	15:19:55	78794.09	394731.89	38.17	Soil	11,220	-0.20
09/01/2021	15:19:56	78793.98	394731.82	38.14	Soil	9,840	-1.17
09/01/2021	15:19:57	78794.18	394731.94	38.17	Soil	10,140	-0.96
09/01/2021	15:19:58	78794.15	394731.84	38.20	Soil	11,640	0.09
09/01/2021	15:19:59	78794.18	394731.60	38.15	Soil	11,760	0.18
09/01/2021	15:20:00	78794.42	394731.67	37.96	Soil	10,920	-0.41
09/01/2021	15:20:01	78794.21	394731.77	37.89	Soil	9,720	-1.26
09/01/2021	15:20:02	78793.94	394731.53	37.74	Soil	11,700	0.13
09/01/2021	15:20:03	78794.09	394731.45	37.48	Soil	8,760	-1.93
09/01/2021	15:20:04	78794.28	394731.71	37.47	Soil	10,800	-0.50
09/01/2021	15:20:05	78794.24	394731.80	37.50	Soil	10,200	-0.92

SU 7D GWS RESULTS
(SOIL)

09/01/2021	15:20:06	78794.33	394731.47	37.55	Soil	10,140	-0.96
09/01/2021	15:20:07	78794.58	394731.74	37.53	Soil	9,840	-1.17
09/01/2021	15:20:08	78794.53	394732.01	37.54	Soil	10,740	-0.54
09/01/2021	15:20:09	78794.30	394731.74	37.55	Soil	9,420	-1.47
09/01/2021	15:20:10	78794.38	394731.50	37.57	Soil	11,460	-0.04
09/01/2021	15:20:11	78794.41	394731.75	37.57	Soil	11,640	0.09
09/01/2021	15:20:12	78794.22	394731.72	37.58	Soil	9,660	-1.30
09/01/2021	15:20:13	78794.11	394731.53	37.55	Soil	9,900	-1.13
09/01/2021	15:20:14	78794.20	394731.40	37.67	Soil	10,260	-0.88
09/01/2021	15:20:15	78794.19	394731.38	38.04	Soil	9,480	-1.42
09/01/2021	15:20:16	78794.12	394731.44	38.78	Soil	11,400	-0.08
09/01/2021	15:20:17	78794.04	394731.53	39.51	Soil	9,660	-1.30
09/01/2021	15:20:18	78794.02	394731.50	40.06	Soil	9,420	-1.47
09/01/2021	15:20:19	78793.94	394731.53	40.47	Soil	8,820	-1.89
09/01/2021	15:20:20	78793.99	394731.57	41.03	Soil	10,200	-0.92
09/01/2021	15:20:21	78793.98	394731.55	41.44	Soil	10,260	-0.88
09/01/2021	15:20:22	78794.08	394731.62	41.24	Soil	8,580	-2.06
09/01/2021	15:20:23	78794.12	394731.81	40.83	Soil	9,420	-1.47
09/01/2021	15:20:24	78794.38	394731.57	40.79	Soil	9,000	-1.76
09/01/2021	15:20:25	78794.46	394731.67	40.77	Soil	8,640	-2.01
09/01/2021	15:20:26	78794.46	394731.67	40.77	Soil	7,740	-2.65
09/01/2021	15:20:27	78794.44	394731.67	40.78	Soil	7,920	-2.52
09/01/2021	15:20:28	78794.44	394731.69	40.79	Soil	8,040	-2.44
09/01/2021	15:20:29	78794.43	394731.70	40.79	Soil	9,240	-1.59
09/01/2021	15:20:30	78794.44	394731.73	40.83	Soil	7,800	-2.60
09/01/2021	15:20:31	78794.48	394731.77	40.85	Soil	7,440	-2.86
09/01/2021	15:20:32	78794.52	394731.81	40.86	Soil	8,340	-2.22
09/01/2021	15:20:33	78794.55	394731.85	40.85	Soil	7,320	-2.94
09/01/2021	15:20:34	78794.55	394731.86	40.84	Soil	8,220	-2.31
09/01/2021	15:20:35	78794.54	394731.85	40.82	Soil	7,020	-3.15
09/01/2021	15:20:36	78794.56	394731.90	40.82	Soil	7,920	-2.52
09/01/2021	15:20:37	78794.54	394731.89	40.81	Soil	7,440	-2.86
09/01/2021	15:20:38	78794.53	394731.89	40.84	Soil	8,580	-2.06
09/01/2021	15:20:39	78794.48	394731.82	40.87	Soil	8,220	-2.31
09/01/2021	15:20:40	78794.39	394731.73	40.87	Soil	7,140	-3.07
09/01/2021	15:20:41	78794.35	394731.68	40.87	Soil	8,700	-1.97
09/01/2021	15:20:42	78794.29	394731.63	40.85	Soil	7,560	-2.77
09/01/2021	15:20:43	78794.23	394731.56	40.83	Soil	8,580	-2.06
09/01/2021	15:20:44	78794.18	394731.50	40.83	Soil	8,700	-1.97
09/01/2021	15:20:45	78794.11	394731.43	40.82	Soil	7,380	-2.90
09/01/2021	15:20:46	78794.06	394731.38	40.79	Soil	8,760	-1.93
09/01/2021	15:20:47	78794.03	394731.33	40.78	Soil	7,800	-2.60
09/01/2021	15:20:48	78793.97	394731.27	40.78	Soil	7,560	-2.77
09/01/2021	15:20:49	78793.90	394731.22	40.72	Soil	7,740	-2.65
09/01/2021	15:20:50	78793.82	394731.14	40.69	Soil	7,260	-2.98
09/01/2021	15:20:51	78793.64	394731.00	40.68	Soil	8,940	-1.80
09/01/2021	15:20:52	78793.49	394730.87	40.67	Soil	7,920	-2.52
09/01/2021	15:20:53	78793.34	394730.74	40.64	Soil	8,580	-2.06
09/01/2021	15:20:54	78793.19	394730.62	40.64	Soil	6,780	-3.32
09/01/2021	15:20:55	78793.10	394730.54	40.59	Soil	7,440	-2.86
09/01/2021	15:20:56	78792.95	394730.39	40.57	Soil	7,980	-2.48

SU 7D GWS RESULTS
(SOIL)

09/01/2021	15:20:57	78792.87	394730.31	40.57	Soil	7,620	-2.73
09/01/2021	15:20:58	78792.88	394730.31	40.56	Soil	6,840	-3.28
09/01/2021	15:20:59	78792.87	394730.30	40.56	Soil	6,840	-3.28
09/01/2021	15:21:00	78792.88	394730.31	40.56	Soil	7,920	-2.52
09/01/2021	15:21:01	78792.99	394730.37	40.62	Soil	6,900	-3.24
09/01/2021	15:21:02	78793.33	394730.62	40.65	Soil	7,260	-2.98
09/01/2021	15:21:03	78793.68	394730.88	40.65	Soil	9,060	-1.72
09/01/2021	15:21:04	78794.17	394731.23	40.77	Soil	7,620	-2.73
09/01/2021	15:21:05	78794.79	394731.61	40.71	Soil	7,980	-2.48
09/01/2021	15:21:06	78795.31	394731.92	40.72	Soil	7,920	-2.52
09/01/2021	15:21:07	78795.37	394731.96	40.72	Soil	7,380	-2.90
09/01/2021	15:21:08	78795.40	394731.97	40.73	Soil	8,760	-1.93
09/01/2021	15:21:09	78795.40	394731.97	40.73	Soil	8,340	-2.22
09/01/2021	15:21:10	78795.46	394731.99	40.73	Soil	6,600	-3.45
09/01/2021	15:21:11	78796.37	394732.43	40.84	Soil	7,320	-2.94
09/01/2021	15:21:12	78796.99	394732.68	40.86	Soil	7,800	-2.60
09/01/2021	15:21:13	78796.96	394732.68	40.86	Soil	8,040	-2.44
09/01/2021	15:21:14	78796.91	394732.67	40.85	Soil	7,620	-2.73
09/01/2021	15:21:15	78796.91	394732.68	40.85	Soil	7,920	-2.52
09/01/2021	15:21:16	78796.90	394732.67	40.85	Soil	8,160	-2.35
09/01/2021	15:21:17	78796.89	394732.67	40.87	Soil	7,260	-2.98
09/01/2021	15:21:18	78796.93	394732.69	40.88	Soil	8,160	-2.35
09/01/2021	15:21:19	78796.93	394732.69	40.88	Soil	9,300	-1.55
09/01/2021	15:21:20	78796.84	394732.67	40.87	Soil	8,400	-2.18
09/01/2021	15:21:21	78796.60	394732.58	40.85	Soil	7,260	-2.98
09/01/2021	15:21:22	78796.30	394732.45	40.86	Soil	6,660	-3.40
09/01/2021	15:21:23	78795.98	394732.31	40.86	Soil	7,620	-2.73
09/01/2021	15:21:24	78795.72	394732.18	40.86	Soil	7,740	-2.65
09/01/2021	15:21:25	78795.42	394732.03	40.91	Soil	8,280	-2.27
09/01/2021	15:21:26	78795.18	394731.88	40.93	Soil	8,400	-2.18
09/01/2021	15:21:27	78794.89	394731.69	40.92	Soil	6,660	-3.40
09/01/2021	15:21:28	78794.58	394731.51	40.90	Soil	8,400	-2.18
09/01/2021	15:21:29	78794.25	394731.29	40.85	Soil	8,220	-2.31
09/01/2021	15:21:30	78793.96	394731.09	40.85	Soil	7,500	-2.81
09/01/2021	15:21:31	78793.77	394730.95	40.81	Soil	6,600	-3.45
09/01/2021	15:21:32	78793.78	394730.94	40.79	Soil	8,280	-2.27
09/01/2021	15:21:33	78793.73	394730.90	40.77	Soil	7,380	-2.90
09/01/2021	15:21:34	78793.74	394730.90	40.77	Soil	8,100	-2.39
09/01/2021	15:21:35	78793.74	394730.89	40.77	Soil	7,500	-2.81
09/01/2021	15:21:36	78793.76	394730.90	40.77	Soil	7,620	-2.73
09/01/2021	15:21:37	78793.76	394730.91	40.77	Soil	8,580	-2.06
09/01/2021	15:21:38	78793.76	394730.92	40.77	Soil	8,580	-2.06
09/01/2021	15:21:39	78793.76	394730.92	40.77	Soil	8,700	-1.97
09/01/2021	15:21:39	78793.73	394730.87	40.74	Soil	7,260	-2.98
09/01/2021	15:21:40	78793.73	394730.87	40.76	Soil	7,020	-3.15
09/01/2021	15:21:41	78793.76	394730.92	40.76	Soil	8,640	-2.01
09/01/2021	15:21:42	78793.83	394731.02	40.79	Soil	7,560	-2.77
09/01/2021	15:21:43	78793.87	394731.08	40.78	Soil	7,260	-2.98
09/01/2021	15:21:44	78793.87	394731.07	40.77	Soil	7,500	-2.81
09/01/2021	15:21:45	78793.87	394731.06	40.77	Soil	9,120	-1.68
09/01/2021	15:21:46	78793.87	394731.06	40.74	Soil	8,220	-2.31

SU 7D GWS RESULTS
(SOIL)

09/01/2021	15:21:48	78793.82	394731.00	40.74	Soil	8,040	-2.44
09/01/2021	15:21:48	78793.77	394730.97	40.74	Soil	7,140	-3.07
09/01/2021	15:21:49	78793.77	394730.97	40.74	Soil	8,640	-2.01
09/01/2021	15:21:51	78793.69	394730.90	40.74	Soil	8,700	-1.97
09/01/2021	15:21:51	78793.60	394730.81	40.74	Soil	9,000	-1.76
09/01/2021	15:21:52	78793.51	394730.74	40.71	Soil	7,080	-3.11
09/01/2021	15:21:53	78793.31	394730.57	40.71	Soil	7,560	-2.77
09/01/2021	15:21:54	78793.19	394730.48	40.69	Soil	6,480	-3.53
09/01/2021	15:21:55	78793.07	394730.38	40.62	Soil	9,000	-1.76
09/01/2021	15:21:56	78792.99	394730.29	40.62	Soil	7,440	-2.86
09/01/2021	15:21:57	78792.92	394730.21	40.57	Soil	7,800	-2.60
09/01/2021	15:21:58	78792.84	394730.10	40.51	Soil	7,080	-3.11
09/01/2021	15:21:59	78792.73	394729.98	40.47	Soil	7,020	-3.15
09/01/2021	15:22:00	78792.63	394729.87	40.47	Soil	7,080	-3.11
09/01/2021	15:22:01	78792.54	394729.78	40.45	Soil	7,560	-2.77
09/01/2021	15:22:03	78792.44	394729.66	40.48	Soil	7,680	-2.69
09/01/2021	15:22:03	78792.35	394729.55	40.48	Soil	7,200	-3.02
09/01/2021	15:22:04	78792.25	394729.42	40.53	Soil	8,520	-2.10
09/01/2021	15:22:05	78792.13	394729.28	40.59	Soil	8,280	-2.27
09/01/2021	15:22:06	78792.04	394729.16	40.59	Soil	7,380	-2.90
09/01/2021	15:22:07	78791.93	394729.04	40.61	Soil	7,200	-3.02
09/01/2021	15:22:08	78791.76	394728.86	40.64	Soil	7,620	-2.73
09/01/2021	15:22:09	78791.60	394728.70	40.64	Soil	7,620	-2.73
09/01/2021	15:22:10	78791.48	394728.58	40.63	Soil	6,360	-3.61
09/01/2021	15:22:11	78791.39	394728.48	40.61	Soil	8,700	-1.97
09/01/2021	15:22:12	78791.32	394728.39	40.59	Soil	8,280	-2.27
09/01/2021	15:22:13	78791.24	394728.26	40.61	Soil	6,780	-3.32
09/01/2021	15:22:14	78791.15	394728.14	40.61	Soil	7,860	-2.56
09/01/2021	15:22:15	78791.07	394728.04	40.61	Soil	8,760	-1.93
09/01/2021	15:22:16	78791.00	394727.92	40.53	Soil	7,260	-2.98
09/01/2021	15:22:17	78790.95	394727.84	40.53	Soil	9,540	-1.38
09/01/2021	15:22:18	78790.90	394727.76	40.53	Soil	8,580	-2.06
09/01/2021	15:22:19	78790.86	394727.67	40.59	Soil	9,480	-1.42
09/01/2021	15:22:20	78790.80	394727.57	40.65	Soil	7,380	-2.90
09/01/2021	15:22:21	78790.75	394727.49	40.65	Soil	8,580	-2.06
09/01/2021	15:22:22	78790.70	394727.43	40.63	Soil	7,920	-2.52
09/01/2021	15:22:23	78790.65	394727.38	40.61	Soil	9,000	-1.76
09/01/2021	15:22:24	78790.61	394727.31	40.50	Soil	7,980	-2.48
09/01/2021	15:22:25	78790.55	394727.27	40.50	Soil	7,440	-2.86
09/01/2021	15:22:26	78790.51	394727.21	40.49	Soil	8,340	-2.22
09/01/2021	15:22:27	78790.46	394727.15	40.49	Soil	7,560	-2.77
09/01/2021	15:22:28	78790.34	394727.05	40.51	Soil	6,960	-3.19
09/01/2021	15:22:29	78790.26	394726.96	40.55	Soil	7,800	-2.60
09/01/2021	15:22:30	78790.26	394726.91	40.64	Soil	8,100	-2.39
09/01/2021	15:22:31	78790.31	394726.90	40.64	Soil	7,800	-2.60
09/01/2021	15:22:32	78790.39	394726.91	40.67	Soil	7,500	-2.81
09/01/2021	15:22:33	78790.42	394726.86	40.66	Soil	8,040	-2.44
09/01/2021	15:22:34	78790.44	394726.82	40.64	Soil	8,460	-2.14
09/01/2021	15:22:35	78790.46	394726.79	40.63	Soil	8,220	-2.31
09/01/2021	15:22:36	78790.45	394726.74	40.63	Soil	7,800	-2.60
09/01/2021	15:22:37	78790.42	394726.68	40.63	Soil	8,280	-2.27

SU 7D GWS RESULTS
(SOIL)

09/01/2021	15:22:38	78790.38	394726.63	40.63	Soil	8,640	-2.01
09/01/2021	15:22:39	78790.36	394726.60	40.61	Soil	7,200	-3.02
09/01/2021	15:22:40	78790.34	394726.56	40.50	Soil	8,520	-2.10
09/01/2021	15:22:41	78790.33	394726.52	40.50	Soil	8,040	-2.44
09/01/2021	15:22:42	78790.29	394726.48	40.51	Soil	9,000	-1.76
09/01/2021	15:22:43	78790.24	394726.44	40.51	Soil	7,500	-2.81
09/01/2021	15:22:44	78790.20	394726.40	40.49	Soil	7,800	-2.60
09/01/2021	15:22:45	78790.16	394726.35	40.50	Soil	7,560	-2.77
09/01/2021	15:22:46	78790.11	394726.30	40.50	Soil	7,860	-2.56
09/01/2021	15:22:47	78790.07	394726.26	40.53	Soil	9,120	-1.68
09/01/2021	15:22:48	78790.05	394726.21	40.58	Soil	7,500	-2.81
09/01/2021	15:22:49	78790.02	394726.16	40.73	Soil	7,620	-2.73
09/01/2021	15:22:50	78789.99	394726.14	40.73	Soil	7,560	-2.77
09/01/2021	15:22:51	78789.96	394726.08	40.76	Soil	9,180	-1.64
09/01/2021	15:22:52	78789.90	394726.04	40.76	Soil	7,080	-3.11
09/01/2021	15:22:53	78789.85	394725.98	40.76	Soil	8,100	-2.39
09/01/2021	15:22:54	78789.75	394725.89	40.80	Soil	8,040	-2.44
09/01/2021	15:22:55	78789.62	394725.79	40.92	Soil	7,860	-2.56
09/01/2021	15:22:56	78789.50	394725.69	40.92	Soil	7,440	-2.86
09/01/2021	15:22:57	78789.38	394725.59	40.95	Soil	8,340	-2.22
09/01/2021	15:22:58	78789.23	394725.48	40.98	Soil	7,860	-2.56
09/01/2021	15:22:59	78789.08	394725.36	41.02	Soil	8,640	-2.01
09/01/2021	15:23:00	78788.92	394725.26	41.05	Soil	7,260	-2.98
09/01/2021	15:23:01	78788.80	394725.16	41.07	Soil	9,240	-1.59
09/01/2021	15:23:02	78788.78	394725.08	41.10	Soil	8,040	-2.44
09/01/2021	15:23:03	78788.90	394725.09	41.01	Soil	8,760	-1.93
09/01/2021	15:23:04	78788.95	394725.05	40.98	Soil	7,920	-2.52
09/01/2021	15:23:05	78788.99	394724.98	41.04	Soil	8,220	-2.31
09/01/2021	15:23:06	78788.95	394724.89	41.07	Soil	9,240	-1.59
09/01/2021	15:23:07	78788.89	394724.81	41.14	Soil	8,640	-2.01
09/01/2021	15:23:08	78788.77	394724.71	41.14	Soil	9,780	-1.21
09/01/2021	15:23:09	78788.63	394724.63	41.20	Soil	8,400	-2.18
09/01/2021	15:23:10	78788.65	394724.65	41.21	Soil	8,880	-1.85
09/01/2021	15:23:11	78788.65	394724.65	41.22	Soil	7,500	-2.81
09/01/2021	15:23:12	78788.65	394724.66	41.24	Soil	8,460	-2.14
09/01/2021	15:23:13	78788.65	394724.67	41.25	Soil	7,860	-2.56
09/01/2021	15:23:14	78788.66	394724.68	41.25	Soil	7,800	-2.60
09/01/2021	15:23:15	78788.85	394724.76	41.22	Soil	8,820	-1.89
09/01/2021	15:23:16	78789.02	394724.82	41.18	Soil	9,180	-1.64
09/01/2021	15:23:17	78789.27	394724.91	41.15	Soil	8,820	-1.89
09/01/2021	15:23:18	78789.52	394724.99	41.14	Soil	7,740	-2.65
09/01/2021	15:23:19	78789.81	394725.07	41.14	Soil	7,860	-2.56
09/01/2021	15:23:20	78790.12	394725.16	41.12	Soil	9,420	-1.47
09/01/2021	15:23:21	78790.48	394725.27	41.08	Soil	7,680	-2.69
09/01/2021	15:23:22	78790.79	394725.35	41.08	Soil	7,500	-2.81
09/01/2021	15:23:23	78791.14	394725.43	41.11	Soil	8,220	-2.31
09/01/2021	15:23:24	78791.32	394725.47	41.09	Soil	8,940	-1.80
09/01/2021	15:23:25	78791.30	394725.47	41.09	Soil	8,760	-1.93
09/01/2021	15:23:26	78791.31	394725.48	41.10	Soil	8,520	-2.10
09/01/2021	15:23:27	78791.32	394725.47	41.10	Soil	8,100	-2.39
09/01/2021	15:23:28	78791.31	394725.47	41.10	Soil	7,920	-2.52

SU 7D GWS RESULTS
(SOIL)

09/01/2021	15:23:29	78791.32	394725.46	41.10	Soil	9,000	-1.76
09/01/2021	15:23:30	78791.32	394725.45	41.10	Soil	8,580	-2.06
09/01/2021	15:23:31	78791.32	394725.45	41.10	Soil	9,000	-1.76
09/01/2021	15:23:32	78791.31	394725.44	41.09	Soil	6,600	-3.45
09/01/2021	15:23:33	78791.30	394725.44	41.09	Soil	7,260	-2.98
09/01/2021	15:23:34	78791.31	394725.43	41.09	Soil	7,320	-2.94
09/01/2021	15:23:35	78791.55	394725.48	41.08	Soil	8,640	-2.01
09/01/2021	15:23:36	78791.97	394725.54	41.08	Soil	8,700	-1.97
09/01/2021	15:23:37	78792.39	394725.57	41.05	Soil	8,700	-1.97
09/01/2021	15:23:38	78792.97	394725.63	41.04	Soil	7,920	-2.52
09/01/2021	15:23:39	78793.52	394725.64	41.04	Soil	8,340	-2.22
09/01/2021	15:23:40	78794.05	394725.63	41.02	Soil	7,140	-3.07
09/01/2021	15:23:41	78794.62	394725.61	41.02	Soil	7,560	-2.77
09/01/2021	15:23:42	78795.16	394725.55	41.02	Soil	9,180	-1.64
09/01/2021	15:23:43	78795.65	394725.47	41.03	Soil	8,160	-2.35
09/01/2021	15:23:44	78796.16	394725.36	41.02	Soil	7,920	-2.52
09/01/2021	15:23:45	78796.41	394725.31	41.02	Soil	8,520	-2.10
09/01/2021	15:23:46	78796.78	394725.21	41.04	Soil	8,580	-2.06
09/01/2021	15:23:47	78797.01	394725.15	41.05	Soil	8,400	-2.18
09/01/2021	15:23:48	78797.02	394725.16	41.06	Soil	9,180	-1.64
09/01/2021	15:23:49	78797.04	394725.17	41.07	Soil	8,280	-2.27
09/01/2021	15:23:50	78797.08	394725.29	41.05	Soil	7,380	-2.90
09/01/2021	15:23:51	78797.12	394725.43	41.04	Soil	8,040	-2.44
09/01/2021	15:23:52	78797.16	394725.57	41.04	Soil	8,940	-1.80
09/01/2021	15:23:53	78797.20	394725.71	41.03	Soil	9,120	-1.68
09/01/2021	15:23:54	78797.23	394725.84	41.02	Soil	7,080	-3.11
09/01/2021	15:23:55	78797.28	394725.99	41.01	Soil	7,800	-2.60
09/01/2021	15:23:56	78797.32	394726.13	41.01	Soil	7,740	-2.65
09/01/2021	15:23:57	78797.36	394726.26	41.00	Soil	8,340	-2.22
09/01/2021	15:23:58	78797.41	394726.39	40.98	Soil	7,680	-2.69
09/01/2021	15:23:59	78797.45	394726.53	40.98	Soil	6,780	-3.32
09/01/2021	15:24:00	78797.49	394726.66	40.97	Soil	8,940	-1.80
09/01/2021	15:24:01	78797.55	394726.79	40.96	Soil	8,100	-2.39
09/01/2021	15:24:02	78797.59	394726.93	40.95	Soil	9,900	-1.13
09/01/2021	15:24:03	78797.62	394727.07	40.95	Soil	7,740	-2.65
09/01/2021	15:24:04	78797.67	394727.23	40.95	Soil	8,160	-2.35
09/01/2021	15:24:05	78797.72	394727.40	40.97	Soil	8,520	-2.10
09/01/2021	15:24:06	78797.77	394727.54	40.96	Soil	8,100	-2.39
09/01/2021	15:24:07	78797.79	394727.63	40.96	Soil	8,040	-2.44
09/01/2021	15:24:08	78797.85	394727.76	40.96	Soil	7,380	-2.90
09/01/2021	15:24:09	78797.82	394727.94	40.95	Soil	8,820	-1.89
09/01/2021	15:24:10	78797.76	394728.12	40.93	Soil	8,640	-2.01
09/01/2021	15:24:11	78797.83	394728.24	40.92	Soil	8,760	-1.93
09/01/2021	15:24:12	78797.87	394728.40	40.92	Soil	9,540	-1.38
09/01/2021	15:24:13	78797.91	394728.53	40.91	Soil	9,000	-1.76
09/01/2021	15:24:14	78797.96	394728.67	40.89	Soil	9,000	-1.76
09/01/2021	15:24:15	78798.02	394728.81	40.88	Soil	8,040	-2.44
09/01/2021	15:24:16	78798.06	394728.95	40.87	Soil	9,120	-1.68
09/01/2021	15:24:17	78798.11	394729.07	40.83	Soil	7,980	-2.48
09/01/2021	15:24:18	78798.15	394729.19	40.81	Soil	7,980	-2.48
09/01/2021	15:24:19	78798.19	394729.32	40.79	Soil	8,640	-2.01

SU 7D GWS RESULTS
(SOIL)

09/01/2021	15:24:20	78798.23	394729.44	40.76	Soil	8,880	-1.85
09/01/2021	15:24:21	78798.25	394729.53	40.75	Soil	9,000	-1.76
09/01/2021	15:24:22	78798.26	394729.54	40.74	Soil	7,740	-2.65
09/01/2021	15:24:23	78798.24	394729.55	40.72	Soil	7,020	-3.15
09/01/2021	15:24:24	78798.19	394729.51	40.73	Soil	9,000	-1.76
09/01/2021	15:24:25	78798.19	394729.33	40.69	Soil	9,000	-1.76
09/01/2021	15:24:26	78798.15	394729.42	40.74	Soil	7,740	-2.65
09/01/2021	15:24:27	78798.29	394729.71	40.92	Soil	11,220	-0.20
09/01/2021	15:24:28	78798.10	394730.04	40.91	Soil	10,500	-0.71
09/01/2021	15:24:29	78798.07	394729.97	40.80	Soil	11,820	0.22
09/01/2021	15:24:30	78798.24	394729.86	40.62	Soil	10,620	-0.62
09/01/2021	15:24:31	78798.32	394729.60	40.31	Soil	11,580	0.05
09/01/2021	15:24:32	78798.21	394729.60	39.93	Soil	11,640	0.09
09/01/2021	15:24:33	78798.07	394729.69	39.53	Soil	12,720	0.85
09/01/2021	15:24:34	78798.02	394729.68	39.22	Soil	13,020	1.06
09/01/2021	15:24:35	78798.06	394729.73	39.15	Soil	10,620	-0.62
09/01/2021	15:24:36	78798.06	394729.77	39.03	Soil	9,000	-1.76
09/01/2021	15:24:37	78798.10	394729.79	38.72	Soil	11,820	0.22
09/01/2021	15:24:38	78797.94	394729.64	38.58	Soil	11,700	0.13
09/01/2021	15:24:39	78798.02	394729.56	38.49	Soil	10,440	-0.75
09/01/2021	15:24:40	78798.13	394729.54	38.54	Soil	10,320	-0.84
09/01/2021	15:24:41	78798.16	394729.49	38.52	Soil	9,780	-1.21
09/01/2021	15:24:42	78798.02	394729.61	38.49	Soil	17,160	3.96
09/01/2021	15:24:43	78798.13	394729.72	38.74	Soil	10,020	-1.05
09/01/2021	15:24:44	78798.20	394729.78	39.49	Soil	10,260	-0.88
09/01/2021	15:24:45	78798.42	394729.91	40.04	Soil	10,500	-0.71
09/01/2021	15:24:46	78798.41	394729.95	40.28	Soil	10,860	-0.46
09/01/2021	15:24:47	78798.29	394729.89	40.11	Soil	11,100	-0.29
09/01/2021	15:24:48	78798.27	394730.03	39.93	Soil	9,780	-1.21
09/01/2021	15:24:49	78798.37	394729.97	39.49	Soil	11,220	-0.20
09/01/2021	15:24:50	78798.29	394729.86	39.44	Soil	9,960	-1.09
09/01/2021	15:24:51	78798.26	394729.93	39.48	Soil	11,220	-0.20
09/01/2021	15:24:52	78798.25	394729.90	39.50	Soil	10,080	-1.00
09/01/2021	15:24:53	78798.30	394729.84	39.47	Soil	11,580	0.05
09/01/2021	15:24:54	78798.36	394729.93	39.58	Soil	9,540	-1.38
09/01/2021	15:24:55	78798.41	394730.01	39.68	Soil	9,720	-1.26
09/01/2021	15:24:56	78798.35	394729.92	39.62	Soil	9,960	-1.09
09/01/2021	15:24:57	78798.27	394729.85	39.60	Soil	10,200	-0.92
09/01/2021	15:24:58	78798.30	394729.88	39.58	Soil	11,880	0.26
09/01/2021	15:24:59	78798.35	394730.08	39.68	Soil	12,420	0.64
09/01/2021	15:25:00	78798.35	394730.32	39.68	Soil	10,980	-0.37
09/01/2021	15:25:01	78798.43	394730.14	39.63	Soil	10,620	-0.62
09/01/2021	15:25:02	78798.45	394729.94	39.66	Soil	10,920	-0.41
09/01/2021	15:25:03	78798.44	394730.19	39.66	Soil	10,620	-0.62
09/01/2021	15:25:04	78798.30	394730.20	39.74	Soil	11,580	0.05
09/01/2021	15:25:05	78798.36	394730.02	39.65	Soil	10,560	-0.67
09/01/2021	15:25:06	78798.51	394730.05	39.50	Soil	10,980	-0.37
09/01/2021	15:25:07	78798.48	394730.09	39.52	Soil	10,020	-1.05
09/01/2021	15:25:08	78798.47	394730.10	39.59	Soil	11,160	-0.25
09/01/2021	15:25:09	78798.46	394730.12	39.67	Soil	10,380	-0.79
09/01/2021	15:25:10	78798.50	394730.10	39.77	Soil	12,600	0.76

SU 7D GWS RESULTS
(SOIL)

09/01/2021	15:25:11	78798.42	394730.10	39.80	Soil	11,220	-0.20
09/01/2021	15:25:12	78798.46	394730.13	39.90	Soil	11,040	-0.33
09/01/2021	15:25:13	78798.31	394730.22	40.00	Soil	11,040	-0.33
09/01/2021	15:25:14	78798.83	394730.12	40.01	Soil	9,780	-1.21
09/01/2021	15:25:15	78799.28	394729.98	40.05	Soil	10,200	-0.92
09/01/2021	15:25:16	78798.55	394730.15	40.05	Soil	10,260	-0.88
09/01/2021	15:25:17	78798.26	394730.07	40.05	Soil	11,580	0.05
09/01/2021	15:25:18	78798.75	394729.90	40.05	Soil	10,020	-1.05
09/01/2021	15:25:19	78798.43	394730.07	40.08	Soil	11,100	-0.29
09/01/2021	15:25:20	78798.24	394730.16	40.11	Soil	11,580	0.05
09/01/2021	15:25:21	78798.65	394730.03	40.10	Soil	11,340	-0.12
09/01/2021	15:25:22	78798.42	394730.00	40.10	Soil	12,240	0.51
09/01/2021	15:25:23	78798.03	394730.13	40.14	Soil	9,900	-1.13
09/01/2021	15:25:24	78798.61	394730.12	40.07	Soil	10,440	-0.75
09/01/2021	15:25:25	78798.68	394730.25	40.04	Soil	11,520	0.01
09/01/2021	15:25:26	78798.22	394730.56	40.05	Soil	12,960	1.02
09/01/2021	15:25:27	78798.57	394730.71	40.04	Soil	10,140	-0.96
09/01/2021	15:25:28	78798.58	394730.79	40.11	Soil	9,660	-1.30
09/01/2021	15:25:29	78798.66	394730.84	40.14	Soil	10,440	-0.75
09/01/2021	15:25:30	78799.11	394730.90	40.14	Soil	12,000	0.34
09/01/2021	15:25:31	78798.67	394731.02	40.10	Soil	11,640	0.09
09/01/2021	15:25:32	78798.73	394730.93	40.13	Soil	10,560	-0.67
09/01/2021	15:25:33	78798.91	394731.12	40.11	Soil	11,220	-0.20
09/01/2021	15:25:34	78798.70	394731.44	40.10	Soil	10,980	-0.37
09/01/2021	15:25:35	78798.70	394731.52	40.13	Soil	11,340	-0.12
09/01/2021	15:25:36	78799.15	394731.52	40.09	Soil	11,580	0.05
09/01/2021	15:25:37	78798.94	394731.62	40.07	Soil	12,360	0.60
09/01/2021	15:25:38	78798.91	394731.70	40.09	Soil	11,160	-0.25
09/01/2021	15:25:39	78799.16	394731.87	40.04	Soil	10,980	-0.37
09/01/2021	15:25:40	78799.04	394732.04	40.08	Soil	13,620	1.48
09/01/2021	15:25:41	78798.85	394731.98	40.16	Soil	12,300	0.55
09/01/2021	15:25:42	78798.69	394732.06	40.22	Soil	9,720	-1.26
09/01/2021	15:25:43	78798.95	394732.15	40.21	Soil	9,540	-1.38
09/01/2021	15:25:44	78798.89	394732.25	40.27	Soil	10,800	-0.50
09/01/2021	15:25:45	78798.84	394732.22	40.24	Soil	11,640	0.09
09/01/2021	15:25:46	78799.19	394732.14	40.17	Soil	11,220	-0.20
09/01/2021	15:25:47	78799.00	394732.25	40.13	Soil	13,080	1.10
09/01/2021	15:25:48	78798.83	394732.34	40.18	Soil	11,520	0.01
09/01/2021	15:25:49	78798.96	394732.37	40.19	Soil	10,380	-0.79
09/01/2021	15:25:50	78799.09	394732.26	40.26	Soil	11,280	-0.16
09/01/2021	15:25:51	78798.89	394732.40	40.26	Soil	10,740	-0.54
09/01/2021	15:25:52	78798.79	394732.43	40.24	Soil	9,780	-1.21
09/01/2021	15:25:53	78798.33	394732.49	40.25	Soil	11,280	-0.16
09/01/2021	15:25:54	78798.40	394732.37	40.27	Soil	10,620	-0.62
09/01/2021	15:25:55	78798.26	394732.43	40.23	Soil	10,980	-0.37
09/01/2021	15:25:56	78798.38	394732.45	40.27	Soil	11,640	0.09
09/01/2021	15:25:57	78798.25	394732.48	40.23	Soil	10,980	-0.37
09/01/2021	15:25:58	78798.35	394732.49	40.27	Soil	11,100	-0.29
09/01/2021	15:25:59	78798.32	394732.52	40.27	Soil	9,900	-1.13
09/01/2021	15:26:00	78798.32	394732.55	40.32	Soil	10,800	-0.50
09/01/2021	15:26:01	78798.29	394732.54	40.34	Soil	10,440	-0.75

SU 7D GWS RESULTS
(SOIL)

09/01/2021	15:26:02	78798.16	394732.59	40.34	Soil	10,140	-0.96
09/01/2021	15:26:03	78797.95	394732.63	40.27	Soil	9,900	-1.13
09/01/2021	15:26:04	78798.11	394732.59	40.25	Soil	10,080	-1.00
09/01/2021	15:26:05	78798.28	394732.55	40.18	Soil	10,140	-0.96
09/01/2021	15:26:06	78798.03	394732.57	40.19	Soil	10,080	-1.00
09/01/2021	15:26:07	78798.21	394732.45	40.15	Soil	10,560	-0.67
09/01/2021	15:26:08	78798.24	394732.31	40.21	Soil	10,020	-1.05
09/01/2021	15:26:09	78798.01	394732.15	40.19	Soil	9,720	-1.26
09/01/2021	15:26:10	78798.16	394731.85	40.15	Soil	10,620	-0.62
09/01/2021	15:26:11	78797.98	394731.69	40.14	Soil	12,300	0.55
09/01/2021	15:26:12	78797.74	394731.63	40.10	Soil	8,940	-1.80
09/01/2021	15:26:13	78798.19	394731.52	40.01	Soil	11,700	0.13
09/01/2021	15:26:14	78798.06	394731.41	39.90	Soil	11,100	-0.29
09/01/2021	15:26:15	78797.64	394731.18	39.96	Soil	9,480	-1.42
09/01/2021	15:26:16	78797.80	394731.00	39.96	Soil	9,960	-1.09
09/01/2021	15:26:17	78797.94	394730.95	39.95	Soil	11,040	-0.33
09/01/2021	15:26:18	78797.52	394730.85	39.96	Soil	11,100	-0.29
09/01/2021	15:26:19	78797.59	394730.62	39.82	Soil	10,440	-0.75
09/01/2021	15:26:20	78797.66	394730.45	39.77	Soil	12,360	0.60
09/01/2021	15:26:21	78797.34	394730.61	39.63	Soil	12,120	0.43
09/01/2021	15:26:22	78797.53	394730.63	39.60	Soil	11,340	-0.12
09/01/2021	15:26:23	78797.85	394730.48	39.71	Soil	9,900	-1.13
09/01/2021	15:26:24	78797.67	394730.52	39.68	Soil	8,340	-2.22
09/01/2021	15:26:25	78797.26	394730.48	39.66	Soil	10,200	-0.92
09/01/2021	15:26:26	78797.52	394730.34	39.62	Soil	9,180	-1.64
09/01/2021	15:26:27	78797.52	394730.36	39.61	Soil	9,600	-1.34
09/01/2021	15:26:28	78797.16	394730.48	39.58	Soil	10,680	-0.58
09/01/2021	15:26:29	78796.94	394730.53	39.54	Soil	8,700	-1.97
09/01/2021	15:26:30	78796.97	394730.44	39.63	Soil	10,500	-0.71
09/01/2021	15:26:31	78797.02	394730.33	39.70	Soil	10,320	-0.84
09/01/2021	15:26:32	78797.15	394730.40	39.65	Soil	10,380	-0.79
09/01/2021	15:26:33	78796.97	394730.39	39.66	Soil	11,400	-0.08
09/01/2021	15:26:34	78797.07	394730.41	39.60	Soil	10,020	-1.05
09/01/2021	15:26:35	78797.11	394730.38	39.58	Soil	10,020	-1.05
09/01/2021	15:26:36	78797.06	394730.35	39.59	Soil	10,200	-0.92
09/01/2021	15:26:37	78797.27	394730.40	39.48	Soil	10,440	-0.75
09/01/2021	15:26:38	78797.10	394730.47	39.42	Soil	10,860	-0.46
09/01/2021	15:26:39	78796.67	394730.49	39.33	Soil	9,600	-1.34
09/01/2021	15:26:40	78796.99	394730.47	39.36	Soil	10,020	-1.05
09/01/2021	15:26:41	78797.21	394730.52	39.34	Soil	8,460	-2.14
09/01/2021	15:26:42	78797.02	394730.65	39.26	Soil	11,580	0.05
09/01/2021	15:26:43	78797.17	394730.85	39.31	Soil	10,500	-0.71
09/01/2021	15:26:44	78797.42	394731.09	39.36	Soil	10,080	-1.00
09/01/2021	15:26:45	78797.02	394731.11	39.12	Soil	10,800	-0.50
09/01/2021	15:26:46	78797.09	394731.18	39.14	Soil	10,320	-0.84
09/01/2021	15:26:47	78797.49	394731.38	39.28	Soil	11,160	-0.25
09/01/2021	15:26:48	78797.22	394731.43	39.07	Soil	9,660	-1.30
09/01/2021	15:26:49	78797.31	394731.60	39.18	Soil	10,440	-0.75
09/01/2021	15:26:50	78797.62	394731.71	39.33	Soil	8,760	-1.93
09/01/2021	15:26:51	78797.46	394731.72	39.18	Soil	9,780	-1.21
09/01/2021	15:26:52	78797.16	394731.79	39.15	Soil	10,140	-0.96

SU 7D GWS RESULTS
(SOIL)

09/01/2021	15:26:53	78797.45	394731.89	39.26	Soil	10,200	-0.92
09/01/2021	15:26:54	78797.47	394731.81	39.28	Soil	9,780	-1.21
09/01/2021	15:26:55	78797.16	394732.01	39.12	Soil	11,460	-0.04
09/01/2021	15:26:56	78797.36	394731.91	39.33	Soil	11,100	-0.29
09/01/2021	15:26:57	78797.67	394732.08	39.41	Soil	9,840	-1.17
09/01/2021	15:26:58	78797.34	394732.22	39.09	Soil	9,780	-1.21
09/01/2021	15:26:59	78797.35	394732.29	39.25	Soil	10,260	-0.88
09/01/2021	15:27:00	78797.70	394732.50	39.38	Soil	8,400	-2.18
09/01/2021	15:27:01	78797.47	394732.51	39.30	Soil	9,120	-1.68
09/01/2021	15:27:02	78797.29	394732.34	39.37	Soil	9,420	-1.47
09/01/2021	15:27:03	78797.41	394732.38	39.30	Soil	8,580	-2.06
09/01/2021	15:27:04	78797.14	394732.48	39.21	Soil	9,900	-1.13
09/01/2021	15:27:05	78796.66	394732.56	39.11	Soil	10,740	-0.54
09/01/2021	15:27:06	78796.65	394732.53	39.04	Soil	9,960	-1.09
09/01/2021	15:27:07	78796.32	394732.50	39.07	Soil	9,420	-1.47
09/01/2021	15:27:08	78796.29	394732.35	39.15	Soil	9,780	-1.21
09/01/2021	15:27:09	78796.61	394732.31	39.13	Soil	10,380	-0.79
09/01/2021	15:27:10	78796.45	394732.40	39.03	Soil	10,860	-0.46
09/01/2021	15:27:11	78796.40	394732.42	38.92	Soil	10,560	-0.67
09/01/2021	15:27:12	78796.60	394732.35	38.96	Soil	10,680	-0.58
09/01/2021	15:27:13	78796.36	394732.25	38.99	Soil	11,040	-0.33
09/01/2021	15:27:14	78796.31	394731.89	38.99	Soil	9,780	-1.21
09/01/2021	15:27:15	78796.68	394731.76	39.05	Soil	10,500	-0.71
09/01/2021	15:27:16	78796.44	394731.82	38.98	Soil	10,380	-0.79
09/01/2021	15:27:17	78796.20	394731.87	38.85	Soil	10,380	-0.79
09/01/2021	15:27:18	78796.65	394731.75	38.90	Soil	11,220	-0.20
09/01/2021	15:27:19	78796.59	394731.61	38.83	Soil	9,780	-1.21
09/01/2021	15:27:20	78796.17	394731.52	38.73	Soil	10,800	-0.50
09/01/2021	15:27:21	78796.38	394731.45	38.78	Soil	10,140	-0.96
09/01/2021	15:27:22	78796.51	394731.40	38.78	Soil	9,180	-1.64
09/01/2021	15:27:23	78796.08	394731.22	38.83	Soil	10,320	-0.84
09/01/2021	15:27:24	78796.27	394731.04	38.84	Soil	9,600	-1.34
09/01/2021	15:27:25	78796.64	394730.93	38.86	Soil	10,500	-0.71
09/01/2021	15:27:26	78796.24	394730.75	38.71	Soil	11,580	0.05
09/01/2021	15:27:27	78796.04	394730.68	38.62	Soil	10,560	-0.67
09/01/2021	15:27:28	78796.67	394730.66	38.70	Soil	10,500	-0.71
09/01/2021	15:27:29	78796.44	394730.73	38.58	Soil	10,920	-0.41
09/01/2021	15:27:30	78796.10	394730.58	38.58	Soil	10,200	-0.92
09/01/2021	15:27:31	78796.32	394730.47	38.61	Soil	11,160	-0.25
09/01/2021	15:27:32	78796.27	394730.46	38.60	Soil	11,040	-0.33
09/01/2021	15:27:33	78796.06	394730.32	38.63	Soil	10,140	-0.96
09/01/2021	15:27:34	78796.32	394730.06	38.71	Soil	11,520	0.01
09/01/2021	15:27:35	78796.35	394729.85	38.69	Soil	10,140	-0.96
09/01/2021	15:27:36	78795.93	394729.74	38.48	Soil	10,140	-0.96
09/01/2021	15:27:37	78795.87	394729.68	38.52	Soil	10,740	-0.54
09/01/2021	15:27:38	78796.18	394729.71	38.50	Soil	11,040	-0.33
09/01/2021	15:27:39	78795.99	394729.75	38.53	Soil	10,080	-1.00
09/01/2021	15:27:40	78795.77	394729.70	38.54	Soil	11,040	-0.33
09/01/2021	15:27:41	78795.65	394729.70	38.54	Soil	10,140	-0.96
09/01/2021	15:27:42	78795.49	394729.76	38.52	Soil	11,940	0.30
09/01/2021	15:27:43	78795.26	394729.73	38.53	Soil	12,300	0.55

SU 7D GWS RESULTS
(SOIL)

09/01/2021	15:27:44	78795.11	394729.73	38.50	Soil	11,880	0.26
09/01/2021	15:27:45	78795.21	394729.83	38.29	Soil	10,080	-1.00
09/01/2021	15:27:46	78795.53	394729.86	38.38	Soil	10,560	-0.67
09/01/2021	15:27:47	78795.75	394729.92	38.38	Soil	10,740	-0.54
09/01/2021	15:27:48	78795.34	394729.92	38.32	Soil	11,520	0.01
09/01/2021	15:27:49	78795.27	394729.99	38.30	Soil	9,300	-1.55
09/01/2021	15:27:50	78795.67	394730.21	38.45	Soil	10,080	-1.00
09/01/2021	15:27:51	78795.77	394730.36	38.43	Soil	10,500	-0.71
09/01/2021	15:27:52	78795.37	394730.41	38.28	Soil	10,560	-0.67
09/01/2021	15:27:53	78795.39	394730.66	38.32	Soil	11,820	0.22
09/01/2021	15:27:54	78795.68	394730.76	38.36	Soil	10,020	-1.05
09/01/2021	15:27:55	78795.53	394730.84	38.29	Soil	9,780	-1.21
09/01/2021	15:27:56	78795.72	394731.10	38.46	Soil	11,160	-0.25
09/01/2021	15:27:57	78795.94	394731.26	38.57	Soil	9,840	-1.17
09/01/2021	15:27:58	78795.53	394731.33	38.43	Soil	12,120	0.43
09/01/2021	15:27:59	78795.41	394731.46	38.45	Soil	10,920	-0.41
09/01/2021	15:28:00	78795.97	394731.64	38.54	Soil	10,800	-0.50
09/01/2021	15:28:01	78795.98	394731.62	38.49	Soil	11,100	-0.29
09/01/2021	15:28:02	78795.48	394731.46	38.39	Soil	10,380	-0.79
09/01/2021	15:28:03	78795.43	394731.48	38.50	Soil	10,800	-0.50
09/01/2021	15:28:04	78795.89	394731.80	38.60	Soil	12,300	0.55
09/01/2021	15:28:05	78795.87	394732.01	38.58	Soil	9,780	-1.21
09/01/2021	15:28:06	78795.28	394732.00	38.37	Soil	11,040	-0.33
09/01/2021	15:28:07	78795.58	394731.99	38.43	Soil	10,380	-0.79
09/01/2021	15:28:08	78795.67	394732.01	38.47	Soil	9,600	-1.34
09/01/2021	15:28:09	78795.58	394732.35	38.37	Soil	11,340	-0.12
09/01/2021	15:28:10	78795.69	394732.30	38.33	Soil	12,660	0.81
09/01/2021	15:28:11	78795.69	394732.31	38.44	Soil	10,860	-0.46
09/01/2021	15:28:12	78795.68	394732.25	38.57	Soil	10,800	-0.50
09/01/2021	15:28:13	78795.66	394732.18	38.65	Soil	11,160	-0.25
09/01/2021	15:28:14	78795.67	394732.20	38.65	Soil	11,400	-0.08
09/01/2021	15:28:15	78795.55	394732.31	38.62	Soil	10,860	-0.46
09/01/2021	15:28:16	78795.19	394732.38	38.63	Soil	11,400	-0.08
09/01/2021	15:28:17	78795.20	394732.39	38.62	Soil	10,740	-0.54
09/01/2021	15:28:18	78795.02	394732.41	38.60	Soil	10,020	-1.05
09/01/2021	15:28:19	78794.46	394732.44	38.19	Soil	10,800	-0.50
09/01/2021	15:28:20	78794.48	394732.57	38.06	Soil	10,620	-0.62
09/01/2021	15:28:21	78794.85	394732.62	38.04	Soil	12,000	0.34
09/01/2021	15:28:22	78794.57	394732.52	38.05	Soil	10,740	-0.54
09/01/2021	15:28:23	78794.65	394732.49	38.10	Soil	10,680	-0.58
09/01/2021	15:28:24	78795.06	394732.56	38.15	Soil	9,960	-1.09
09/01/2021	15:28:25	78794.80	394732.49	38.09	Soil	9,600	-1.34
09/01/2021	15:28:26	78794.62	394732.42	37.99	Soil	11,100	-0.29
09/01/2021	15:28:27	78795.06	394732.36	38.29	Soil	10,380	-0.79
09/01/2021	15:28:28	78795.07	394732.13	38.25	Soil	10,980	-0.37
09/01/2021	15:28:29	78794.58	394731.89	38.05	Soil	12,180	0.47
09/01/2021	15:28:30	78794.61	394731.82	37.97	Soil	9,480	-1.42
09/01/2021	15:28:31	78795.16	394731.96	38.10	Soil	11,400	-0.08
09/01/2021	15:28:32	78794.92	394731.98	37.98	Soil	10,500	-0.71
09/01/2021	15:28:33	78794.49	394731.77	37.97	Soil	10,740	-0.54
09/01/2021	15:28:34	78794.78	394731.68	38.03	Soil	10,440	-0.75

SU 7D GWS RESULTS
(SOIL)

09/01/2021	15:28:35	78795.05	394731.70	38.06	Soil	9,360	-1.51
09/01/2021	15:28:36	78794.61	394731.47	37.88	Soil	10,080	-1.00
09/01/2021	15:28:37	78794.60	394731.20	37.94	Soil	9,900	-1.13
09/01/2021	15:28:38	78795.04	394731.20	38.16	Soil	10,860	-0.46
09/01/2021	15:28:39	78795.07	394731.15	38.11	Soil	11,340	-0.12
09/01/2021	15:28:40	78794.60	394730.88	37.96	Soil	11,340	-0.12
09/01/2021	15:28:41	78794.61	394730.73	38.02	Soil	10,620	-0.62
09/01/2021	15:28:42	78795.02	394730.89	38.20	Soil	11,520	0.01
09/01/2021	15:28:43	78794.97	394730.85	38.18	Soil	10,500	-0.71
09/01/2021	15:28:44	78794.43	394730.41	38.10	Soil	10,620	-0.62
09/01/2021	15:28:45	78794.67	394730.18	38.25	Soil	10,500	-0.71
09/01/2021	15:28:46	78795.10	394730.18	38.29	Soil	11,460	-0.04
09/01/2021	15:28:47	78794.63	394729.95	38.24	Soil	9,900	-1.13
09/01/2021	15:28:48	78794.32	394729.66	38.44	Soil	10,500	-0.71
09/01/2021	15:28:49	78794.77	394729.52	38.43	Soil	10,680	-0.58
09/01/2021	15:28:50	78794.85	394729.55	38.47	Soil	10,560	-0.67
09/01/2021	15:28:51	78794.51	394729.46	38.49	Soil	10,380	-0.79
09/01/2021	15:28:52	78794.65	394729.44	38.54	Soil	10,140	-0.96
09/01/2021	15:28:53	78794.92	394729.56	38.94	Soil	11,760	0.18
09/01/2021	15:28:54	78794.63	394729.61	39.38	Soil	11,040	-0.33
09/01/2021	15:28:55	78794.61	394729.54	40.17	Soil	10,560	-0.67
09/01/2021	15:28:56	78794.73	394729.64	40.51	Soil	10,560	-0.67
09/01/2021	15:28:57	78794.89	394729.57	40.88	Soil	10,620	-0.62
09/01/2021	15:28:58	78795.10	394729.50	40.85	Soil	11,100	-0.29
09/01/2021	15:28:59	78795.19	394729.43	40.66	Soil	10,320	-0.84
09/01/2021	15:29:00	78795.03	394729.41	40.58	Soil	9,780	-1.21
09/01/2021	15:29:01	78795.06	394729.38	40.44	Soil	10,920	-0.41
09/01/2021	15:29:02	78795.14	394729.38	40.48	Soil	10,980	-0.37
09/01/2021	15:29:03	78795.11	394729.37	40.48	Soil	10,020	-1.05
09/01/2021	15:29:04	78795.11	394729.36	40.51	Soil	9,180	-1.64
09/01/2021	15:29:05	78795.10	394729.35	40.53	Soil	11,340	-0.12
09/01/2021	15:29:06	78795.09	394729.35	40.54	Soil	9,840	-1.17
09/01/2021	15:29:07	78795.09	394729.35	40.57	Soil	11,280	-0.16
09/01/2021	15:29:08	78795.08	394729.35	40.59	Soil	10,260	-0.88
09/01/2021	15:29:09	78795.07	394729.34	40.60	Soil	9,720	-1.26
09/01/2021	15:29:10	78795.06	394729.34	40.62	Soil	9,480	-1.42
09/01/2021	15:29:11	78795.06	394729.33	40.63	Soil	9,900	-1.13
09/01/2021	15:29:12	78795.05	394729.33	40.62	Soil	11,040	-0.33
09/01/2021	15:29:13	78795.04	394729.33	40.64	Soil	11,100	-0.29
09/01/2021	15:29:14	78795.05	394729.34	40.65	Soil	9,660	-1.30
09/01/2021	15:29:15	78795.03	394729.34	40.66	Soil	11,100	-0.29
09/01/2021	15:29:16	78795.00	394729.35	40.67	Soil	9,480	-1.42
09/01/2021	15:29:17	78794.99	394729.35	40.61	Soil	11,160	-0.25
09/01/2021	15:29:18	78795.00	394729.33	40.57	Soil	10,860	-0.46
09/01/2021	15:29:19	78795.04	394729.34	40.52	Soil	10,500	-0.71
09/01/2021	15:29:20	78795.07	394729.35	40.50	Soil	9,960	-1.09
09/01/2021	15:29:21	78795.09	394729.37	40.51	Soil	11,580	0.05
09/01/2021	15:29:22	78795.11	394729.42	40.54	Soil	11,280	-0.16
09/01/2021	15:29:23	78795.09	394729.47	40.60	Soil	9,840	-1.17
09/01/2021	15:29:24	78795.10	394729.45	40.54	Soil	11,820	0.22
09/01/2021	15:29:25	78795.13	394729.41	40.58	Soil	11,280	-0.16

SU 7D GWS RESULTS
(SOIL)

09/01/2021	15:29:26	78795.11	394729.44	40.61	Soil	9,840	-1.17
09/01/2021	15:29:27	78795.11	394729.46	40.64	Soil	10,080	-1.00
09/01/2021	15:29:28	78795.12	394729.48	40.66	Soil	10,500	-0.71
09/01/2021	15:29:29	78795.12	394729.50	40.68	Soil	11,160	-0.25
09/01/2021	15:29:30	78795.12	394729.52	40.72	Soil	10,260	-0.88
09/01/2021	15:29:31	78795.12	394729.54	40.73	Soil	12,120	0.43
09/01/2021	15:29:32	78795.13	394729.55	40.76	Soil	9,300	-1.55
09/01/2021	15:29:33	78795.13	394729.44	40.80	Soil	11,880	0.26
09/01/2021	15:29:34	78795.12	394729.28	40.87	Soil	11,160	-0.25
09/01/2021	15:29:35	78795.11	394729.12	40.94	Soil	9,660	-1.30
09/01/2021	15:29:36	78795.10	394728.95	41.01	Soil	8,760	-1.93
09/01/2021	15:29:37	78795.10	394728.78	41.11	Soil	10,320	-0.84
09/01/2021	15:29:38	78795.09	394728.61	41.20	Soil	11,460	-0.04
09/01/2021	15:29:39	78795.08	394728.44	41.25	Soil	12,000	0.34
09/01/2021	15:29:40	78795.07	394728.26	41.30	Soil	10,320	-0.84
09/01/2021	15:29:41	78795.06	394728.09	41.34	Soil	11,100	-0.29
09/01/2021	15:29:42	78795.05	394727.91	41.37	Soil	10,560	-0.67
09/01/2021	15:29:43	78795.04	394727.73	41.42	Soil	11,700	0.13
09/01/2021	15:29:44	78795.04	394727.55	41.46	Soil	9,720	-1.26
09/01/2021	15:29:45	78795.02	394727.37	41.54	Soil	9,900	-1.13
09/01/2021	15:29:46	78795.00	394727.19	41.58	Soil	10,680	-0.58
09/01/2021	15:29:47	78794.99	394727.01	41.62	Soil	9,480	-1.42
09/01/2021	15:29:48	78794.98	394726.84	41.66	Soil	10,620	-0.62
09/01/2021	15:29:49	78794.98	394726.66	41.68	Soil	11,100	-0.29
09/01/2021	15:29:50	78794.97	394726.47	41.69	Soil	9,180	-1.64
09/01/2021	15:29:51	78794.97	394726.29	41.71	Soil	10,980	-0.37
09/01/2021	15:29:52	78794.97	394726.11	41.75	Soil	11,220	-0.20
09/01/2021	15:29:53	78794.97	394726.04	41.76	Soil	11,400	-0.08
09/01/2021	15:29:54	78794.96	394726.03	41.77	Soil	10,860	-0.46
09/01/2021	15:29:55	78794.96	394726.02	41.80	Soil	11,700	0.13
09/01/2021	15:29:56	78794.99	394726.01	41.79	Soil	11,220	-0.20
09/01/2021	15:29:57	78795.04	394726.00	41.80	Soil	10,500	-0.71
09/01/2021	15:29:58	78795.07	394725.99	41.79	Soil	11,940	0.30
09/01/2021	15:29:59	78795.10	394725.99	41.77	Soil	11,460	-0.04
09/01/2021	15:30:00	78795.12	394725.99	41.75	Soil	11,100	-0.29
09/01/2021	15:30:01	78795.11	394725.98	41.76	Soil	11,280	-0.16
09/01/2021	15:30:02	78795.10	394725.98	41.70	Soil	11,580	0.05
09/01/2021	15:30:03	78795.11	394725.96	41.69	Soil	11,160	-0.25
09/01/2021	15:30:04	78795.10	394725.94	41.68	Soil	12,120	0.43
09/01/2021	15:30:05	78795.09	394725.93	41.66	Soil	10,740	-0.54
09/01/2021	15:30:06	78795.07	394725.95	41.65	Soil	10,800	-0.50
09/01/2021	15:30:07	78795.04	394726.00	41.64	Soil	10,800	-0.50
09/01/2021	15:30:08	78794.97	394726.06	41.66	Soil	11,700	0.13
09/01/2021	15:30:09	78794.91	394726.13	41.70	Soil	11,520	0.01
09/01/2021	15:30:10	78794.92	394726.19	41.74	Soil	11,700	0.13
09/01/2021	15:30:11	78794.95	394726.28	41.69	Soil	10,740	-0.54
09/01/2021	15:30:12	78794.97	394726.37	41.60	Soil	12,240	0.51
09/01/2021	15:30:13	78794.98	394726.46	41.48	Soil	11,760	0.18
09/01/2021	15:30:14	78794.98	394726.58	41.34	Soil	9,960	-1.09
09/01/2021	15:30:15	78794.95	394726.70	41.22	Soil	10,560	-0.67
09/01/2021	15:30:16	78794.96	394726.80	41.16	Soil	10,380	-0.79

SU 7D GWS RESULTS
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09/01/2021	15:30:17	78795.00	394726.89	41.12	Soil	9,900	-1.13
09/01/2021	15:30:18	78795.08	394726.96	41.11	Soil	11,160	-0.25
09/01/2021	15:30:19	78795.18	394727.05	41.12	Soil	10,920	-0.41
09/01/2021	15:30:20	78795.26	394727.14	41.12	Soil	9,840	-1.17
09/01/2021	15:30:21	78795.30	394727.21	41.07	Soil	11,160	-0.25
09/01/2021	15:30:22	78795.32	394727.30	41.01	Soil	11,640	0.09
09/01/2021	15:30:23	78795.35	394727.38	41.00	Soil	11,460	-0.04
09/01/2021	15:30:24	78795.38	394727.46	41.02	Soil	10,620	-0.62
09/01/2021	15:30:25	78795.42	394727.54	41.06	Soil	10,440	-0.75
09/01/2021	15:30:26	78795.52	394727.62	41.07	Soil	11,340	-0.12
09/01/2021	15:30:27	78795.64	394727.73	40.97	Soil	11,520	0.01
09/01/2021	15:30:28	78795.74	394727.83	40.94	Soil	10,680	-0.58
09/01/2021	15:30:29	78795.83	394727.93	41.03	Soil	9,720	-1.26
09/01/2021	15:30:30	78795.97	394728.04	41.15	Soil	11,220	-0.20
09/01/2021	15:30:31	78796.15	394728.17	41.21	Soil	9,540	-1.38
09/01/2021	15:30:32	78796.26	394728.27	41.37	Soil	11,100	-0.29
09/01/2021	15:30:33	78796.37	394728.35	41.58	Soil	11,940	0.30
09/01/2021	15:30:34	78796.41	394728.40	41.65	Soil	11,220	-0.20
09/01/2021	15:30:35	78796.44	394728.42	41.69	Soil	11,040	-0.33
09/01/2021	15:30:36	78796.51	394728.49	41.70	Soil	10,500	-0.71
09/01/2021	15:30:37	78796.59	394728.56	41.65	Soil	11,100	-0.29
09/01/2021	15:30:38	78796.67	394728.63	41.56	Soil	10,980	-0.37
09/01/2021	15:30:39	78796.75	394728.71	41.50	Soil	8,820	-1.89
09/01/2021	15:30:40	78796.83	394728.79	41.44	Soil	10,620	-0.62
09/01/2021	15:30:41	78796.91	394728.87	41.42	Soil	11,400	-0.08
09/01/2021	15:30:42	78797.01	394728.97	41.39	Soil	10,440	-0.75
09/01/2021	15:30:43	78797.12	394729.07	41.36	Soil	12,720	0.85
09/01/2021	15:30:44	78797.24	394729.21	41.24	Soil	11,700	0.13
09/01/2021	15:30:45	78797.34	394729.31	41.09	Soil	11,160	-0.25
09/01/2021	15:30:46	78797.36	394729.34	41.07	Soil	10,980	-0.37
09/01/2021	15:30:47	78797.35	394729.34	41.04	Soil	10,320	-0.84
09/01/2021	15:30:48	78797.35	394729.35	41.02	Soil	11,040	-0.33
09/01/2021	15:30:49	78797.35	394729.35	41.02	Soil	10,620	-0.62
09/01/2021	15:30:50	78797.35	394729.36	41.00	Soil	11,160	-0.25
09/01/2021	15:30:51	78797.53	394729.40	41.00	Soil	12,660	0.81
09/01/2021	15:30:52	78797.93	394729.47	41.00	Soil	11,340	-0.12
09/01/2021	15:30:53	78798.38	394729.50	41.05	Soil	11,520	0.01
09/01/2021	15:30:54	78798.57	394729.52	41.07	Soil	10,440	-0.75
09/01/2021	15:30:55	78798.57	394729.53	41.08	Soil	12,420	0.64
09/01/2021	15:30:56	78798.56	394729.60	41.08	Soil	11,040	-0.33
09/01/2021	15:30:57	78798.54	394729.73	41.07	Soil	10,500	-0.71
09/01/2021	15:30:58	78798.52	394729.86	41.06	Soil	11,340	-0.12
09/01/2021	15:30:59	78798.50	394729.99	41.05	Soil	11,100	-0.29
09/01/2021	15:31:00	78798.48	394730.12	41.02	Soil	11,940	0.30
09/01/2021	15:31:01	78798.46	394730.25	41.00	Soil	10,560	-0.67
09/01/2021	15:31:02	78798.44	394730.38	40.95	Soil	11,700	0.13
09/01/2021	15:31:03	78798.45	394730.54	40.89	Soil	11,100	-0.29
09/01/2021	15:31:04	78798.42	394730.68	40.85	Soil	10,380	-0.79
09/01/2021	15:31:05	78798.40	394730.81	40.82	Soil	10,680	-0.58
09/01/2021	15:31:06	78798.40	394730.88	40.81	Soil	10,380	-0.79
09/01/2021	15:31:07	78798.41	394730.90	40.80	Soil	10,500	-0.71

SU 7D GWS RESULTS
(SOIL)

09/01/2021	15:31:08	78798.42	394730.90	40.79	Soil	11,220	-0.20
09/01/2021	15:31:09	78798.42	394730.90	40.79	Soil	11,520	0.01
09/01/2021	15:31:10	78798.42	394730.91	40.80	Soil	12,300	0.55
09/01/2021	15:31:11	78798.42	394730.91	40.81	Soil	10,620	-0.62
09/01/2021	15:31:12	78798.43	394730.91	40.81	Soil	10,740	-0.54
09/01/2021	15:31:13	78798.42	394730.91	40.81	Soil	10,500	-0.71
09/01/2021	15:31:14	78798.43	394730.92	40.81	Soil	12,480	0.68
09/01/2021	15:31:15	78798.43	394730.93	40.80	Soil	11,880	0.26
09/01/2021	15:31:16	78798.43	394730.93	40.81	Soil	11,220	-0.20
09/01/2021	15:31:17	78798.59	394730.95	40.78	Soil	10,560	-0.67
09/01/2021	15:31:18	78798.96	394730.96	40.77	Soil	11,340	-0.12
09/01/2021	15:31:19	78799.14	394730.97	40.76	Soil	11,100	-0.29
09/01/2021	15:31:20	78799.14	394730.98	40.77	Soil	11,340	-0.12
09/01/2021	15:31:21	78799.15	394731.06	40.75	Soil	10,920	-0.41
09/01/2021	15:31:22	78799.14	394731.19	40.74	Soil	11,820	0.22
09/01/2021	15:31:23	78799.14	394731.32	40.71	Soil	11,280	-0.16
09/01/2021	15:31:24	78799.13	394731.46	40.69	Soil	12,180	0.47
09/01/2021	15:31:25	78799.13	394731.59	40.66	Soil	11,880	0.26
09/01/2021	15:31:26	78799.13	394731.72	40.65	Soil	10,380	-0.79
09/01/2021	15:31:27	78799.13	394731.85	40.60	Soil	10,980	-0.37
09/01/2021	15:31:28	78799.13	394731.97	40.56	Soil	11,880	0.26
09/01/2021	15:31:29	78799.12	394732.11	40.53	Soil	10,920	-0.41
09/01/2021	15:31:30	78799.11	394732.24	40.51	Soil	9,840	-1.17
09/01/2021	15:31:31	78799.11	394732.38	40.48	Soil	10,920	-0.41
09/01/2021	15:31:32	78799.10	394732.51	40.45	Soil	11,160	-0.25
09/01/2021	15:31:33	78799.09	394732.64	40.42	Soil	10,860	-0.46
09/01/2021	15:31:34	78799.08	394732.77	40.40	Soil	10,620	-0.62
09/01/2021	15:31:35	78799.08	394732.91	40.38	Soil	11,580	0.05
09/01/2021	15:31:36	78799.07	394733.05	40.35	Soil	11,280	-0.16
09/01/2021	15:31:37	78799.06	394733.18	40.31	Soil	10,500	-0.71
09/01/2021	15:31:38	78799.06	394733.31	40.29	Soil	10,560	-0.67
09/01/2021	15:31:39	78799.05	394733.44	40.26	Soil	12,120	0.43
09/01/2021	15:31:40	78799.04	394733.58	40.22	Soil	10,440	-0.75
09/01/2021	15:31:41	78799.04	394733.70	40.19	Soil	10,980	-0.37
09/01/2021	15:31:42	78799.05	394733.83	40.16	Soil	11,040	-0.33
09/01/2021	15:31:43	78799.04	394733.93	40.13	Soil	10,080	-1.00
09/01/2021	15:31:44	78799.03	394733.97	40.14	Soil	10,020	-1.05
09/01/2021	15:31:45	78799.03	394734.07	40.12	Soil	11,880	0.26
09/01/2021	15:31:46	78799.02	394734.20	40.09	Soil	10,740	-0.54
09/01/2021	15:31:47	78799.02	394734.29	40.08	Soil	10,200	-0.92
09/01/2021	15:31:48	78799.02	394734.32	40.10	Soil	10,020	-1.05
09/01/2021	15:31:49	78799.01	394734.34	40.11	Soil	10,200	-0.92
09/01/2021	15:31:50	78799.01	394734.34	40.11	Soil	10,020	-1.05
09/01/2021	15:31:51	78799.02	394734.34	40.12	Soil	9,960	-1.09
09/01/2021	15:31:52	78799.01	394734.34	40.14	Soil	11,640	0.09
09/01/2021	15:31:53	78799.00	394734.36	40.14	Soil	10,620	-0.62
09/01/2021	15:31:54	78799.01	394734.37	40.14	Soil	10,200	-0.92
09/01/2021	15:31:55	78799.01	394734.37	40.13	Soil	9,840	-1.17
09/01/2021	15:31:56	78799.01	394734.37	40.13	Soil	11,460	-0.04
09/01/2021	15:31:57	78799.01	394734.37	40.13	Soil	10,500	-0.71
09/01/2021	15:31:58	78799.00	394734.37	40.13	Soil	10,320	-0.84

SU 7D GWS RESULTS
(SOIL)

09/01/2021	15:31:59	78798.99	394734.37	40.11	Soil	10,080	-1.00
09/01/2021	15:32:00	78798.98	394734.37	40.10	Soil	11,940	0.30
09/01/2021	15:32:01	78798.97	394734.37	40.11	Soil	11,220	-0.20
09/01/2021	15:32:02	78798.98	394734.37	40.12	Soil	10,680	-0.58
09/01/2021	15:32:03	78798.96	394734.38	40.11	Soil	10,800	-0.50
09/01/2021	15:32:04	78798.93	394734.39	40.16	Soil	10,320	-0.84
09/01/2021	15:32:05	78798.89	394734.44	40.17	Soil	10,380	-0.79
09/01/2021	15:32:06	78798.89	394734.43	40.25	Soil	10,920	-0.41
09/01/2021	15:32:07	78798.88	394734.43	40.28	Soil	9,300	-1.55
09/01/2021	15:32:08	78798.89	394734.41	40.31	Soil	10,560	-0.67
09/01/2021	15:32:09	78798.88	394734.42	40.28	Soil	10,500	-0.71
09/01/2021	15:32:10	78798.88	394734.43	40.26	Soil	10,560	-0.67
09/01/2021	15:32:11	78798.89	394734.44	40.24	Soil	10,260	-0.88
09/01/2021	15:32:12	78798.91	394734.43	40.22	Soil	10,620	-0.62
09/01/2021	15:32:13	78798.92	394734.49	40.25	Soil	10,980	-0.37
09/01/2021	15:32:14	78798.94	394734.70	40.53	Soil	11,700	0.13
09/01/2021	15:32:15	78798.83	394734.60	40.42	Soil	10,800	-0.50
09/01/2021	15:32:16	78798.71	394734.72	40.47	Soil	12,120	0.43
09/01/2021	15:32:17	78798.79	394734.65	40.40	Soil	11,220	-0.20
09/01/2021	15:32:18	78798.68	394734.61	40.40	Soil	10,320	-0.84
09/01/2021	15:32:19	78798.61	394734.65	40.50	Soil	10,620	-0.62
09/01/2021	15:32:20	78798.61	394734.70	40.54	Soil	10,380	-0.79
09/01/2021	15:32:21	78798.58	394734.63	40.54	Soil	9,600	-1.34
09/01/2021	15:32:22	78798.61	394734.59	40.54	Soil	9,840	-1.17
09/01/2021	15:32:23	78798.66	394734.57	40.50	Soil	10,800	-0.50
09/01/2021	15:32:24	78798.70	394734.56	40.40	Soil	9,240	-1.59
09/01/2021	15:32:25	78798.72	394734.54	40.40	Soil	10,920	-0.41
09/01/2021	15:32:26	78798.73	394734.49	40.24	Soil	12,300	0.55
09/01/2021	15:32:27	78798.70	394734.42	39.96	Soil	12,060	0.39
09/01/2021	15:32:28	78798.57	394734.39	39.96	Soil	10,140	-0.96
09/01/2021	15:32:29	78799.00	394734.41	40.00	Soil	11,520	0.01
09/01/2021	15:32:30	78799.09	394734.33	40.04	Soil	11,460	-0.04
09/01/2021	15:32:31	78798.66	394734.37	40.05	Soil	10,860	-0.46
09/01/2021	15:32:32	78798.55	394734.33	40.11	Soil	13,080	1.10
09/01/2021	15:32:33	78798.46	394734.34	40.12	Soil	10,020	-1.05
09/01/2021	15:32:34	78798.44	394734.41	40.09	Soil	9,120	-1.68
09/01/2021	15:32:35	78798.77	394734.41	40.11	Soil	10,020	-1.05
09/01/2021	15:32:36	78798.49	394734.38	40.10	Soil	10,860	-0.46
09/01/2021	15:32:37	78798.39	394734.37	39.96	Soil	9,960	-1.09
09/01/2021	15:32:38	78798.72	394734.37	39.98	Soil	9,900	-1.13
09/01/2021	15:32:39	78799.00	394734.29	40.09	Soil	12,360	0.60
09/01/2021	15:32:40	78798.83	394734.14	40.19	Soil	13,020	1.06
09/01/2021	15:32:41	78798.64	394734.09	40.20	Soil	10,740	-0.54
09/01/2021	15:32:42	78798.89	394734.19	40.24	Soil	9,120	-1.68
09/01/2021	15:32:43	78798.75	394734.11	40.28	Soil	12,480	0.68
09/01/2021	15:32:44	78798.55	394733.98	40.27	Soil	11,100	-0.29
09/01/2021	15:32:45	78798.99	394733.89	40.37	Soil	10,080	-1.00
09/01/2021	15:32:46	78798.98	394733.82	40.39	Soil	10,800	-0.50
09/01/2021	15:32:47	78798.54	394733.91	40.24	Soil	10,320	-0.84
09/01/2021	15:32:48	78798.69	394733.84	40.26	Soil	9,780	-1.21
09/01/2021	15:32:49	78799.05	394733.72	40.28	Soil	10,560	-0.67

SU 7D GWS RESULTS
(SOIL)

09/01/2021	15:32:50	78798.78	394733.73	40.24	Soil	10,020	-1.05
09/01/2021	15:32:51	78798.70	394733.67	40.24	Soil	10,620	-0.62
09/01/2021	15:32:52	78798.97	394733.55	40.23	Soil	12,420	0.64
09/01/2021	15:32:53	78798.73	394733.48	40.24	Soil	11,280	-0.16
09/01/2021	15:32:54	78798.56	394733.40	40.25	Soil	10,920	-0.41
09/01/2021	15:32:55	78798.94	394733.21	40.21	Soil	10,860	-0.46
09/01/2021	15:32:56	78798.89	394732.99	40.21	Soil	11,100	-0.29
09/01/2021	15:32:57	78798.49	394732.97	40.22	Soil	11,100	-0.29
09/01/2021	15:32:58	78798.87	394732.93	40.17	Soil	10,860	-0.46
09/01/2021	15:32:59	78799.15	394732.81	40.20	Soil	10,980	-0.37
09/01/2021	15:33:00	78798.72	394732.65	40.21	Soil	11,940	0.30
09/01/2021	15:33:01	78798.62	394732.49	40.20	Soil	10,980	-0.37
09/01/2021	15:33:02	78798.88	394732.46	40.15	Soil	10,500	-0.71
09/01/2021	15:33:03	78798.68	394732.45	40.16	Soil	12,120	0.43
09/01/2021	15:33:04	78798.62	394732.36	40.20	Soil	10,680	-0.58
09/01/2021	15:33:05	78799.03	394732.19	40.20	Soil	11,220	-0.20
09/01/2021	15:33:06	78798.95	394731.98	40.19	Soil	13,380	1.31
09/01/2021	15:33:07	78798.58	394731.90	40.25	Soil	10,740	-0.54
09/01/2021	15:33:08	78798.94	394731.78	40.22	Soil	11,580	0.05
09/01/2021	15:33:09	78799.16	394731.60	40.22	Soil	11,880	0.26
09/01/2021	15:33:10	78798.78	394731.57	40.28	Soil	11,160	-0.25
09/01/2021	15:33:11	78798.74	394731.42	40.28	Soil	12,240	0.51
09/01/2021	15:33:12	78798.80	394731.35	40.27	Soil	12,060	0.39
09/01/2021	15:33:13	78798.60	394731.41	40.25	Soil	12,900	0.98
09/01/2021	15:33:14	78798.45	394731.31	40.22	Soil	11,280	-0.16
09/01/2021	15:33:15	78798.27	394731.34	40.21	Soil	11,040	-0.33
09/01/2021	15:33:16	78798.07	394731.42	40.16	Soil	9,600	-1.34
09/01/2021	15:33:17	78798.15	394731.36	40.11	Soil	12,360	0.60
09/01/2021	15:33:18	78798.34	394731.44	40.07	Soil	11,640	0.09
09/01/2021	15:33:19	78798.08	394731.50	40.06	Soil	10,920	-0.41
09/01/2021	15:33:20	78798.02	394731.64	40.01	Soil	11,040	-0.33
09/01/2021	15:33:21	78798.37	394731.79	40.05	Soil	10,140	-0.96
09/01/2021	15:33:22	78798.30	394731.91	40.00	Soil	10,500	-0.71
09/01/2021	15:33:23	78797.98	394731.96	39.91	Soil	10,920	-0.41
09/01/2021	15:33:24	78798.27	394732.15	39.88	Soil	10,380	-0.79
09/01/2021	15:33:25	78798.29	394732.15	39.85	Soil	10,740	-0.54
09/01/2021	15:33:26	78797.97	394732.31	39.78	Soil	10,980	-0.37
09/01/2021	15:33:27	78798.08	394732.43	39.79	Soil	10,200	-0.92
09/01/2021	15:33:28	78798.19	394732.46	39.77	Soil	9,960	-1.09
09/01/2021	15:33:29	78797.95	394732.60	39.68	Soil	9,360	-1.51
09/01/2021	15:33:30	78798.07	394732.83	39.69	Soil	9,780	-1.21
09/01/2021	15:33:31	78798.17	394732.82	39.69	Soil	9,480	-1.42
09/01/2021	15:33:32	78797.90	394732.86	39.67	Soil	10,080	-1.00
09/01/2021	15:33:33	78797.93	394733.08	39.62	Soil	10,380	-0.79
09/01/2021	15:33:34	78798.08	394733.15	39.65	Soil	8,760	-1.93
09/01/2021	15:33:35	78797.98	394733.18	39.63	Soil	9,000	-1.76
09/01/2021	15:33:36	78797.90	394733.22	39.66	Soil	9,360	-1.51
09/01/2021	15:33:37	78797.95	394733.30	39.68	Soil	9,360	-1.51
09/01/2021	15:33:38	78798.16	394733.30	39.65	Soil	9,300	-1.55
09/01/2021	15:33:39	78798.21	394733.35	39.68	Soil	8,940	-1.80
09/01/2021	15:33:40	78797.90	394733.33	39.63	Soil	10,560	-0.67

SU 7D GWS RESULTS
(SOIL)

09/01/2021	15:33:41	78797.93	394733.33	39.63	Soil	8,580	-2.06
09/01/2021	15:33:42	78798.10	394733.41	39.63	Soil	9,900	-1.13
09/01/2021	15:33:43	78797.81	394733.55	39.55	Soil	9,900	-1.13
09/01/2021	15:33:44	78797.93	394733.75	39.57	Soil	10,560	-0.67
09/01/2021	15:33:45	78797.96	394733.79	39.59	Soil	9,600	-1.34
09/01/2021	15:33:46	78797.77	394733.99	39.47	Soil	9,540	-1.38
09/01/2021	15:33:47	78797.90	394734.21	39.51	Soil	9,120	-1.68
09/01/2021	15:33:48	78798.01	394734.21	39.49	Soil	9,120	-1.68
09/01/2021	15:33:49	78797.98	394734.22	39.50	Soil	8,040	-2.44
09/01/2021	15:33:50	78797.91	394734.30	39.53	Soil	8,340	-2.22
09/01/2021	15:33:51	78797.68	394734.34	39.54	Soil	10,500	-0.71
09/01/2021	15:33:52	78797.30	394734.31	39.47	Soil	10,560	-0.67
09/01/2021	15:33:53	78797.08	394734.31	39.47	Soil	10,020	-1.05
09/01/2021	15:33:54	78796.96	394734.27	39.46	Soil	10,560	-0.67
09/01/2021	15:33:55	78796.86	394734.20	39.31	Soil	11,400	-0.08
09/01/2021	15:33:56	78796.98	394734.22	39.30	Soil	11,160	-0.25
09/01/2021	15:33:57	78797.02	394734.15	39.21	Soil	11,760	0.18
09/01/2021	15:33:58	78796.87	394733.90	39.16	Soil	11,880	0.26
09/01/2021	15:33:59	78796.97	394733.70	39.15	Soil	11,640	0.09
09/01/2021	15:34:00	78797.21	394733.61	39.23	Soil	10,260	-0.88
09/01/2021	15:34:01	78797.22	394733.44	39.26	Soil	10,140	-0.96
09/01/2021	15:34:02	78796.90	394733.24	39.17	Soil	9,960	-1.09
09/01/2021	15:34:03	78797.04	394733.28	39.22	Soil	10,740	-0.54
09/01/2021	15:34:04	78797.00	394733.40	39.23	Soil	8,580	-2.06
09/01/2021	15:34:05	78796.98	394733.33	39.20	Soil	10,380	-0.79
09/01/2021	15:34:06	78797.25	394733.25	39.27	Soil	12,420	0.64
09/01/2021	15:34:07	78797.06	394733.09	39.26	Soil	11,460	-0.04
09/01/2021	15:34:08	78796.81	394732.79	39.25	Soil	11,220	-0.20
09/01/2021	15:34:09	78797.13	394732.66	39.30	Soil	10,500	-0.71
09/01/2021	15:34:10	78797.16	394732.56	39.28	Soil	10,980	-0.37
09/01/2021	15:34:11	78796.88	394732.30	39.10	Soil	10,020	-1.05
09/01/2021	15:34:12	78797.13	394732.18	39.18	Soil	10,200	-0.92
09/01/2021	15:34:13	78797.24	394732.08	39.19	Soil	9,600	-1.34
09/01/2021	15:34:14	78796.93	394731.81	39.10	Soil	11,280	-0.16
09/01/2021	15:34:15	78797.04	394731.70	38.98	Soil	10,740	-0.54
09/01/2021	15:34:16	78797.24	394731.74	39.01	Soil	10,800	-0.50
09/01/2021	15:34:17	78797.36	394731.76	39.05	Soil	11,280	-0.16
09/01/2021	15:34:18	78797.14	394731.61	39.03	Soil	8,940	-1.80
09/01/2021	15:34:19	78797.07	394731.44	39.03	Soil	11,040	-0.33
09/01/2021	15:34:20	78797.45	394731.31	39.13	Soil	9,180	-1.64
09/01/2021	15:34:21	78797.36	394731.05	39.08	Soil	10,380	-0.79
09/01/2021	15:34:22	78797.13	394730.73	39.17	Soil	10,860	-0.46
09/01/2021	15:34:23	78797.33	394730.72	39.15	Soil	10,860	-0.46
09/01/2021	15:34:24	78797.38	394730.76	39.18	Soil	11,940	0.30
09/01/2021	15:34:25	78797.25	394730.70	39.15	Soil	10,320	-0.84
09/01/2021	15:34:26	78797.32	394730.73	39.14	Soil	10,200	-0.92
09/01/2021	15:34:27	78797.36	394730.73	39.13	Soil	10,860	-0.46
09/01/2021	15:34:28	78797.30	394730.67	39.11	Soil	11,700	0.13
09/01/2021	15:34:29	78797.32	394730.70	39.11	Soil	11,100	-0.29
09/01/2021	15:34:30	78797.34	394730.68	39.07	Soil	10,920	-0.41
09/01/2021	15:34:31	78797.29	394730.66	39.30	Soil	9,720	-1.26

SU 7D GWS RESULTS
(SOIL)

09/01/2021	15:34:32	78797.09	394730.64	39.24	Soil	11,340	-0.12
09/01/2021	15:34:33	78797.09	394730.61	39.24	Soil	9,780	-1.21
09/01/2021	15:34:34	78797.34	394730.67	39.24	Soil	10,860	-0.46
09/01/2021	16:56:59	78798.21	394739.58	40.13	Soil	11,640	0.09
09/01/2021	16:57:00	78798.19	394739.46	40.14	Soil	12,540	0.72
09/01/2021	16:57:01	78798.28	394739.41	40.15	Soil	12,120	0.43
09/01/2021	16:57:02	78798.32	394739.37	40.15	Soil	10,320	-0.84
09/01/2021	16:57:03	78798.31	394739.27	40.14	Soil	10,980	-0.37
09/01/2021	16:57:04	78798.33	394739.24	40.15	Soil	9,780	-1.21
09/01/2021	16:57:05	78798.36	394739.22	40.15	Soil	10,860	-0.46
09/01/2021	16:57:06	78798.45	394739.15	40.14	Soil	10,800	-0.50
09/01/2021	16:57:07	78798.45	394739.06	40.13	Soil	10,920	-0.41
09/01/2021	16:57:08	78798.60	394739.03	40.17	Soil	12,660	0.81
09/01/2021	16:57:09	78798.86	394738.96	40.19	Soil	10,680	-0.58
09/01/2021	16:57:10	78798.96	394738.81	40.21	Soil	10,980	-0.37
09/01/2021	16:57:11	78799.10	394738.68	40.20	Soil	11,820	0.22
09/01/2021	16:57:12	78799.13	394738.60	40.16	Soil	10,320	-0.84
09/01/2021	16:57:13	78799.11	394738.44	40.15	Soil	10,860	-0.46
09/01/2021	16:57:14	78799.10	394738.34	40.13	Soil	10,800	-0.50
09/01/2021	16:57:15	78799.06	394738.21	40.10	Soil	12,720	0.85
09/01/2021	16:57:16	78799.13	394738.08	40.09	Soil	11,880	0.26
09/01/2021	16:57:17	78799.19	394737.98	40.10	Soil	12,060	0.39
09/01/2021	16:57:18	78799.10	394737.89	40.09	Soil	13,980	1.73
09/01/2021	16:57:19	78799.15	394737.83	40.08	Soil	13,020	1.06
09/01/2021	16:57:20	78799.25	394737.80	40.07	Soil	12,960	1.02
09/01/2021	16:57:21	78799.20	394737.69	40.07	Soil	12,300	0.55
09/01/2021	16:57:22	78799.19	394737.58	40.05	Soil	9,720	-1.26
09/01/2021	16:57:23	78799.25	394737.52	40.06	Soil	12,060	0.39
09/01/2021	16:57:24	78799.23	394737.39	40.08	Soil	12,720	0.85
09/01/2021	16:57:25	78799.31	394737.31	40.09	Soil	12,420	0.64
09/01/2021	16:57:26	78799.42	394737.25	40.10	Soil	14,280	1.94
09/01/2021	16:57:27	78799.39	394737.05	40.10	Soil	13,500	1.40
09/01/2021	16:57:28	78799.57	394736.94	40.13	Soil	11,100	-0.29
09/01/2021	16:57:29	78799.61	394736.81	40.13	Soil	11,940	0.30
09/01/2021	16:57:30	78799.68	394736.66	40.13	Soil	12,360	0.60
09/01/2021	16:57:31	78799.76	394736.55	40.14	Soil	12,900	0.98
09/01/2021	16:57:32	78799.67	394736.44	40.14	Soil	11,460	-0.04
09/01/2021	16:57:33	78799.68	394736.33	40.16	Soil	11,340	-0.12
09/01/2021	16:57:34	78799.75	394736.24	40.17	Soil	13,140	1.14
09/01/2021	16:57:35	78799.69	394736.14	40.16	Soil	11,580	0.05
09/01/2021	16:57:36	78799.71	394736.06	40.19	Soil	12,600	0.76
09/01/2021	16:57:37	78799.81	394735.98	40.21	Soil	11,460	-0.04
09/01/2021	16:57:38	78799.80	394735.88	40.21	Soil	10,800	-0.50
09/01/2021	16:57:39	78799.83	394735.76	40.20	Soil	12,120	0.43
09/01/2021	16:57:40	78799.85	394735.65	40.19	Soil	11,880	0.26
09/01/2021	16:57:41	78799.77	394735.48	40.18	Soil	11,280	-0.16
09/01/2021	16:57:42	78799.86	394735.39	40.18	Soil	11,760	0.18
09/01/2021	16:57:43	78799.86	394735.31	40.19	Soil	11,640	0.09
09/01/2021	16:57:44	78799.84	394735.15	40.20	Soil	11,700	0.13
09/01/2021	16:57:45	78799.91	394735.03	40.21	Soil	11,340	-0.12
09/01/2021	16:57:46	78799.95	394734.94	40.21	Soil	11,880	0.26

SU 7D GWS RESULTS
(SOIL)

09/01/2021	16:57:47	78799.90	394734.77	40.21	Soil	10,380	-0.79
09/01/2021	16:57:48	78799.96	394734.69	40.21	Soil	10,800	-0.50
09/01/2021	16:57:49	78800.00	394734.61	40.23	Soil	11,640	0.09
09/01/2021	16:57:50	78799.93	394734.43	40.23	Soil	13,200	1.19
09/01/2021	16:57:51	78800.02	394734.35	40.25	Soil	13,980	1.73
09/01/2021	16:57:52	78800.14	394734.26	40.25	Soil	12,180	0.47
09/01/2021	16:57:53	78800.08	394734.13	40.25	Soil	12,840	0.93
09/01/2021	16:57:54	78800.05	394734.03	40.26	Soil	13,740	1.56
09/01/2021	16:57:55	78800.12	394733.97	40.24	Soil	13,200	1.19
09/01/2021	16:57:56	78800.13	394733.90	40.25	Soil	12,240	0.51
09/01/2021	16:57:57	78800.07	394733.79	40.27	Soil	14,100	1.82
09/01/2021	16:57:58	78800.19	394733.66	40.26	Soil	10,980	-0.37
09/01/2021	16:57:59	78800.23	394733.56	40.29	Soil	11,340	-0.12
09/01/2021	16:58:00	78800.09	394733.49	40.30	Soil	10,800	-0.50
09/01/2021	16:58:01	78800.07	394733.45	40.30	Soil	12,720	0.85
09/01/2021	16:58:02	78800.10	394733.40	40.30	Soil	12,060	0.39
09/01/2021	16:58:03	78800.01	394733.32	40.28	Soil	11,640	0.09
09/01/2021	16:58:04	78800.03	394733.26	40.25	Soil	12,480	0.68
09/01/2021	16:58:05	78799.99	394733.20	40.24	Soil	12,780	0.89
09/01/2021	16:58:06	78800.04	394733.07	40.30	Soil	12,420	0.64
09/01/2021	16:58:07	78799.99	394732.92	40.30	Soil	12,780	0.89
09/01/2021	16:58:08	78799.99	394732.82	40.30	Soil	11,460	-0.04
09/01/2021	16:58:09	78800.11	394732.79	40.30	Soil	12,420	0.64
09/01/2021	16:58:10	78800.02	394732.71	40.30	Soil	13,380	1.31
09/01/2021	16:58:11	78800.04	394732.60	40.31	Soil	12,660	0.81
09/01/2021	16:58:12	78800.06	394732.45	40.33	Soil	13,080	1.10
09/01/2021	16:58:13	78799.98	394732.30	40.34	Soil	12,180	0.47
09/01/2021	16:58:14	78800.01	394732.17	40.35	Soil	12,960	1.02
09/01/2021	16:58:15	78800.00	394732.05	40.35	Soil	13,200	1.19
09/01/2021	16:58:16	78800.08	394731.94	40.37	Soil	13,140	1.14
09/01/2021	16:58:17	78800.15	394731.81	40.41	Soil	15,420	2.74
09/01/2021	16:58:18	78800.03	394731.66	40.41	Soil	13,560	1.44
09/01/2021	16:58:19	78800.12	394731.57	40.41	Soil	14,820	2.32
09/01/2021	16:58:20	78800.19	394731.47	40.42	Soil	12,780	0.89
09/01/2021	16:58:21	78800.09	394731.38	40.42	Soil	15,420	2.74
09/01/2021	16:58:22	78800.10	394731.28	40.40	Soil	12,660	0.81
09/01/2021	16:58:23	78799.99	394731.16	40.40	Soil	14,280	1.94
09/01/2021	16:58:24	78799.97	394731.07	40.40	Soil	13,440	1.35
09/01/2021	16:58:25	78799.94	394731.01	40.43	Soil	12,600	0.76
09/01/2021	16:58:26	78799.88	394730.87	40.45	Soil	12,480	0.68
09/01/2021	16:58:27	78799.95	394730.75	40.47	Soil	13,380	1.31
09/01/2021	16:58:28	78799.88	394730.67	40.50	Soil	13,260	1.23
09/01/2021	16:58:29	78799.79	394730.48	40.52	Soil	12,060	0.39
09/01/2021	16:58:30	78799.80	394730.29	40.54	Soil	10,200	-0.92
09/01/2021	16:58:31	78799.73	394730.23	40.52	Soil	13,140	1.14
09/01/2021	16:58:32	78799.66	394730.15	40.56	Soil	12,780	0.89
09/01/2021	16:58:33	78799.63	394729.98	40.53	Soil	11,580	0.05
09/01/2021	16:58:34	78799.53	394729.83	40.53	Soil	13,260	1.23
09/01/2021	16:58:35	78799.53	394729.67	40.53	Soil	10,560	-0.67
09/01/2021	16:58:36	78799.46	394729.57	40.52	Soil	12,240	0.51
09/01/2021	16:58:37	78799.42	394729.43	40.53	Soil	11,580	0.05

SU 7D GWS RESULTS
(SOIL)

09/01/2021	16:58:38	78799.39	394729.29	40.52	Soil	11,280	-0.16
09/01/2021	16:58:39	78799.27	394729.20	40.52	Soil	12,060	0.39
09/01/2021	16:58:40	78799.30	394729.07	40.56	Soil	10,680	-0.58
09/01/2021	16:58:41	78799.34	394728.83	40.52	Soil	11,520	0.01
09/01/2021	16:58:42	78799.15	394728.57	40.52	Soil	12,360	0.60
09/01/2021	16:58:43	78798.92	394728.36	40.46	Soil	12,420	0.64
09/01/2021	16:58:44	78798.71	394728.44	40.46	Soil	10,740	-0.54
09/01/2021	16:58:45	78798.60	394728.67	40.40	Soil	12,240	0.51
09/01/2021	16:58:46	78798.61	394728.86	40.41	Soil	11,820	0.22
09/01/2021	16:58:47	78798.71	394729.03	40.38	Soil	11,760	0.18
09/01/2021	16:58:48	78798.67	394729.18	40.39	Soil	11,040	-0.33
09/01/2021	16:58:49	78798.79	394729.32	40.42	Soil	11,100	-0.29
09/01/2021	16:58:50	78798.82	394729.50	40.41	Soil	11,640	0.09
09/01/2021	16:58:51	78798.85	394729.63	40.44	Soil	10,200	-0.92
09/01/2021	16:58:52	78798.98	394729.74	40.42	Soil	11,640	0.09
09/01/2021	16:58:53	78798.97	394729.93	40.43	Soil	9,660	-1.30
09/01/2021	16:58:54	78799.09	394730.01	40.43	Soil	11,040	-0.33
09/01/2021	16:58:55	78799.11	394730.16	40.42	Soil	11,880	0.26
09/01/2021	16:58:56	78799.15	394730.30	40.44	Soil	12,600	0.76
09/01/2021	16:58:57	78799.26	394730.39	40.41	Soil	12,900	0.98
09/01/2021	16:58:58	78799.27	394730.59	40.41	Soil	12,660	0.81
09/01/2021	16:58:59	78799.34	394730.66	40.40	Soil	11,100	-0.29
09/01/2021	16:59:00	78799.34	394730.83	40.40	Soil	11,400	-0.08
09/01/2021	16:59:01	78799.40	394731.02	40.43	Soil	12,300	0.55
09/01/2021	16:59:02	78799.48	394731.14	40.40	Soil	13,560	1.44
09/01/2021	16:59:03	78799.42	394731.29	40.41	Soil	13,620	1.48
09/01/2021	16:59:04	78799.53	394731.38	40.41	Soil	12,660	0.81
09/01/2021	16:59:05	78799.50	394731.52	40.39	Soil	11,580	0.05
09/01/2021	16:59:06	78799.45	394731.69	40.41	Soil	13,380	1.31
09/01/2021	16:59:07	78799.60	394731.81	40.41	Soil	12,360	0.60
09/01/2021	16:59:08	78799.55	394731.98	40.39	Soil	13,080	1.10
09/01/2021	16:59:09	78799.54	394732.08	40.41	Soil	10,980	-0.37
09/01/2021	16:59:10	78799.55	394732.20	40.36	Soil	10,560	-0.67
09/01/2021	16:59:11	78799.41	394732.37	40.37	Soil	10,920	-0.41
09/01/2021	16:59:12	78799.46	394732.45	40.37	Soil	12,960	1.02
09/01/2021	16:59:13	78799.41	394732.54	40.33	Soil	11,580	0.05
09/01/2021	16:59:14	78799.34	394732.71	40.35	Soil	11,520	0.01
09/01/2021	16:59:15	78799.37	394732.85	40.31	Soil	12,660	0.81
09/01/2021	16:59:16	78799.27	394733.02	40.31	Soil	11,100	-0.29
09/01/2021	16:59:17	78799.33	394733.13	40.32	Soil	10,740	-0.54
09/01/2021	16:59:18	78799.30	394733.24	40.29	Soil	12,600	0.76
09/01/2021	16:59:19	78799.30	394733.32	40.32	Soil	11,160	-0.25
09/01/2021	16:59:20	78799.38	394733.43	40.31	Soil	11,760	0.18
09/01/2021	16:59:21	78799.34	394733.63	40.32	Soil	11,580	0.05
09/01/2021	16:59:22	78799.43	394733.70	40.33	Soil	11,220	-0.20
09/01/2021	16:59:23	78799.35	394733.82	40.33	Soil	10,320	-0.84
09/01/2021	16:59:24	78799.30	394733.96	40.35	Soil	11,760	0.18
09/01/2021	16:59:25	78799.37	394734.02	40.35	Soil	13,920	1.69
09/01/2021	16:59:26	78799.33	394734.17	40.37	Soil	11,100	-0.29
09/01/2021	16:59:27	78799.38	394734.23	40.36	Soil	10,200	-0.92
09/01/2021	16:59:28	78799.28	394734.38	40.38	Soil	13,200	1.19

SU 7D GWS RESULTS
(SOIL)

09/01/2021	16:59:29	78799.35	394734.55	40.46	Soil	12,720	0.85
09/01/2021	16:59:30	78799.45	394734.63	40.43	Soil	11,580	0.05
09/01/2021	16:59:31	78799.34	394734.79	40.45	Soil	11,220	-0.20
09/01/2021	16:59:32	78799.41	394734.93	40.42	Soil	10,860	-0.46
09/01/2021	16:59:33	78799.32	394735.05	40.39	Soil	12,000	0.34
09/01/2021	16:59:34	78799.26	394735.17	40.43	Soil	11,040	-0.33
09/01/2021	16:59:35	78799.31	394735.33	40.39	Soil	11,040	-0.33
09/01/2021	16:59:36	78799.19	394735.45	40.39	Soil	10,800	-0.50
09/01/2021	16:59:37	78799.19	394735.53	40.40	Soil	10,680	-0.58
09/01/2021	16:59:38	78799.19	394735.64	40.38	Soil	11,520	0.01
09/01/2021	16:59:39	78799.05	394735.77	40.40	Soil	12,720	0.85
09/01/2021	16:59:40	78799.11	394735.90	40.43	Soil	12,360	0.60
09/01/2021	16:59:41	78799.08	394736.03	40.43	Soil	12,120	0.43
09/01/2021	16:59:42	78798.96	394736.17	40.49	Soil	13,020	1.06
09/01/2021	16:59:43	78799.01	394736.32	40.51	Soil	11,820	0.22
09/01/2021	16:59:44	78798.89	394736.45	40.53	Soil	10,980	-0.37
09/01/2021	16:59:45	78798.89	394736.57	40.54	Soil	11,460	-0.04
09/01/2021	16:59:46	78798.86	394736.70	40.54	Soil	12,360	0.60
09/01/2021	16:59:47	78798.64	394736.80	40.54	Soil	10,860	-0.46
09/01/2021	16:59:48	78798.60	394736.93	40.49	Soil	11,880	0.26
09/01/2021	16:59:49	78798.46	394736.99	40.47	Soil	9,360	-1.51
09/01/2021	16:59:50	78798.40	394737.11	40.46	Soil	9,300	-1.55
09/01/2021	16:59:51	78798.37	394737.23	40.45	Soil	9,960	-1.09
09/01/2021	16:59:52	78798.27	394737.22	40.46	Soil	11,640	0.09
09/01/2021	16:59:53	78798.27	394737.44	40.47	Soil	10,560	-0.67
09/01/2021	16:59:54	78798.21	394737.53	40.47	Soil	9,960	-1.09
09/01/2021	16:59:55	78798.17	394737.69	40.48	Soil	12,660	0.81
09/01/2021	16:59:56	78798.07	394737.83	40.47	Soil	9,840	-1.17
09/01/2021	16:59:57	78797.96	394737.95	40.46	Soil	9,900	-1.13
09/01/2021	16:59:58	78797.93	394738.12	40.45	Soil	11,220	-0.20
09/01/2021	16:59:59	78797.77	394738.24	40.44	Soil	10,140	-0.96
09/01/2021	17:00:00	78797.83	394738.42	40.43	Soil	10,080	-1.00
09/01/2021	17:00:01	78797.77	394738.56	40.41	Soil	10,320	-0.84
09/01/2021	17:00:02	78797.77	394738.68	40.39	Soil	11,400	-0.08
09/01/2021	17:00:03	78797.89	394738.88	40.41	Soil	10,440	-0.75
09/01/2021	17:00:04	78797.87	394739.03	40.40	Soil	10,380	-0.79
09/01/2021	17:00:05	78797.79	394738.79	40.39	Soil	9,180	-1.64
09/01/2021	17:00:06	78797.57	394738.59	40.38	Soil	9,480	-1.42
09/01/2021	17:00:07	78797.67	394738.41	40.38	Soil	10,080	-1.00
09/01/2021	17:00:08	78797.58	394738.32	40.33	Soil	9,660	-1.30
09/01/2021	17:00:09	78797.65	394738.21	40.35	Soil	9,660	-1.30
09/01/2021	17:00:10	78797.70	394738.11	40.31	Soil	9,420	-1.47
09/01/2021	17:00:11	78797.69	394738.00	40.33	Soil	9,840	-1.17
09/01/2021	17:00:12	78797.91	394737.85	40.33	Soil	13,320	1.27
09/01/2021	17:00:13	78797.89	394737.74	40.31	Soil	10,380	-0.79
09/01/2021	17:00:14	78798.00	394737.65	40.32	Soil	10,200	-0.92
09/01/2021	17:00:15	78798.01	394737.53	40.30	Soil	10,560	-0.67
09/01/2021	17:00:16	78798.03	394737.40	40.27	Soil	10,440	-0.75
09/01/2021	17:00:17	78798.09	394737.28	40.24	Soil	10,440	-0.75
09/01/2021	17:00:18	78797.98	394737.19	40.22	Soil	9,900	-1.13
09/01/2021	17:00:19	78798.09	394737.05	40.22	Soil	9,540	-1.38

SU 7D GWS RESULTS
(SOIL)

09/01/2021	17:00:20	78798.09	394736.86	40.22	Soil	11,460	-0.04
09/01/2021	17:00:21	78798.12	394736.65	40.22	Soil	10,500	-0.71
09/01/2021	17:00:22	78798.26	394736.53	40.19	Soil	12,480	0.68
09/01/2021	17:00:23	78798.29	394736.30	40.17	Soil	10,860	-0.46
09/01/2021	17:00:24	78798.51	394736.15	40.15	Soil	11,400	-0.08
09/01/2021	17:00:25	78798.50	394735.99	40.14	Soil	11,640	0.09
09/01/2021	17:00:26	78798.58	394735.86	40.11	Soil	9,660	-1.30
09/01/2021	17:00:27	78798.67	394735.76	40.13	Soil	11,520	0.01
09/01/2021	17:00:28	78798.63	394735.56	40.14	Soil	12,000	0.34
09/01/2021	17:00:29	78798.81	394735.40	40.15	Soil	11,100	-0.29
09/01/2021	17:00:30	78798.81	394735.27	40.18	Soil	10,800	-0.50
09/01/2021	17:00:31	78798.90	394735.10	40.20	Soil	10,980	-0.37
09/01/2021	17:00:32	78799.06	394734.99	40.20	Soil	11,880	0.26
09/01/2021	17:00:33	78799.03	394734.81	40.20	Soil	10,680	-0.58
09/01/2021	17:00:34	78799.12	394734.69	40.21	Soil	12,480	0.68
09/01/2021	17:00:35	78799.09	394734.55	40.21	Soil	11,340	-0.12
09/01/2021	17:00:36	78799.03	394734.43	40.21	Soil	9,840	-1.17
09/01/2021	17:00:37	78799.21	394734.31	40.20	Soil	10,560	-0.67
09/01/2021	17:00:38	78799.16	394734.20	40.19	Soil	12,120	0.43
09/01/2021	17:00:39	78799.17	394734.06	40.17	Soil	10,260	-0.88
09/01/2021	17:00:40	78799.35	394733.88	40.16	Soil	11,280	-0.16
09/01/2021	17:00:41	78799.26	394733.75	40.14	Soil	9,840	-1.17
09/01/2021	17:00:42	78799.29	394733.54	40.12	Soil	10,800	-0.50
09/01/2021	17:00:43	78799.39	394733.40	40.11	Soil	10,080	-1.00
09/01/2021	17:00:44	78799.26	394733.29	40.10	Soil	11,640	0.09
09/01/2021	17:00:45	78799.27	394733.14	40.10	Soil	9,840	-1.17
09/01/2021	17:00:46	78799.30	394732.93	40.09	Soil	12,720	0.85
09/01/2021	17:00:47	78799.14	394732.77	40.08	Soil	11,400	-0.08
09/01/2021	17:00:48	78799.20	394732.58	40.07	Soil	11,220	-0.20
09/01/2021	17:00:49	78799.13	394732.45	40.08	Soil	11,460	-0.04
09/01/2021	17:00:50	78799.07	394732.25	40.08	Soil	10,380	-0.79
09/01/2021	17:00:51	78799.14	394732.07	40.09	Soil	12,840	0.93
09/01/2021	17:00:52	78799.06	394731.96	40.08	Soil	12,420	0.64
09/01/2021	17:00:53	78799.12	394731.81	40.10	Soil	11,520	0.01
09/01/2021	17:00:54	78799.16	394731.67	40.10	Soil	11,520	0.01
09/01/2021	17:00:55	78799.04	394731.51	40.10	Soil	10,200	-0.92
09/01/2021	17:00:56	78799.04	394731.34	40.11	Soil	11,280	-0.16
09/01/2021	17:00:57	78799.00	394731.20	40.11	Soil	11,940	0.30
09/01/2021	17:00:58	78798.85	394731.09	40.12	Soil	10,920	-0.41
09/01/2021	17:00:59	78798.59	394731.23	40.12	Soil	11,040	-0.33
09/01/2021	17:01:00	78798.34	394731.39	40.12	Soil	11,220	-0.20
09/01/2021	17:01:01	78798.37	394731.62	40.13	Soil	11,040	-0.33
09/01/2021	17:01:02	78798.25	394731.79	40.11	Soil	10,560	-0.67
09/01/2021	17:01:03	78798.35	394731.91	40.11	Soil	9,480	-1.42
09/01/2021	17:01:04	78798.35	394732.05	40.11	Soil	11,160	-0.25
09/01/2021	17:01:05	78798.24	394732.20	40.13	Soil	9,780	-1.21
09/01/2021	17:01:06	78798.33	394732.43	40.11	Soil	10,440	-0.75
09/01/2021	17:01:07	78798.16	394732.56	40.12	Soil	9,900	-1.13
09/01/2021	17:01:08	78798.19	394732.66	40.16	Soil	9,060	-1.72
09/01/2021	17:01:09	78798.32	394732.81	40.14	Soil	9,180	-1.64
09/01/2021	17:01:10	78798.12	394732.93	40.14	Soil	9,900	-1.13

SU 7D GWS RESULTS
(SOIL)

09/01/2021	17:01:11	78798.18	394733.03	40.18	Soil	10,020	-1.05
09/01/2021	17:01:12	78798.32	394733.14	40.18	Soil	10,020	-1.05
09/01/2021	17:01:13	78798.11	394733.30	40.20	Soil	9,360	-1.51
09/01/2021	17:01:14	78798.13	394733.47	40.21	Soil	9,360	-1.51
09/01/2021	17:01:15	78798.15	394733.64	40.20	Soil	10,260	-0.88
09/01/2021	17:01:16	78798.05	394733.83	40.24	Soil	9,600	-1.34
09/01/2021	17:01:17	78798.16	394734.01	40.21	Soil	9,900	-1.13
09/01/2021	17:01:18	78798.01	394734.18	40.21	Soil	9,300	-1.55
09/01/2021	17:01:19	78798.03	394734.35	40.25	Soil	10,920	-0.41
09/01/2021	17:01:20	78798.05	394734.51	40.21	Soil	9,960	-1.09
09/01/2021	17:01:21	78797.94	394734.70	40.24	Soil	9,480	-1.42
09/01/2021	17:01:22	78798.04	394734.90	40.25	Soil	8,400	-2.18
09/01/2021	17:01:23	78797.96	394735.06	40.24	Soil	10,980	-0.37
09/01/2021	17:01:24	78797.93	394735.21	40.24	Soil	10,800	-0.50
09/01/2021	17:01:25	78797.95	394735.41	40.24	Soil	9,480	-1.42
09/01/2021	17:01:26	78797.88	394735.60	40.26	Soil	9,480	-1.42
09/01/2021	17:01:27	78798.05	394735.81	40.28	Soil	9,000	-1.76
09/01/2021	17:01:28	78797.94	394735.93	40.26	Soil	9,240	-1.59
09/01/2021	17:01:29	78797.79	394736.10	40.31	Soil	9,240	-1.59
09/01/2021	17:01:30	78797.87	394736.26	40.28	Soil	9,480	-1.42
09/01/2021	17:01:31	78797.78	394736.36	40.23	Soil	10,080	-1.00
09/01/2021	17:01:32	78797.70	394736.48	40.26	Soil	10,200	-0.92
09/01/2021	17:01:33	78797.75	394736.67	40.19	Soil	9,180	-1.64
09/01/2021	17:01:34	78797.51	394736.76	40.18	Soil	10,020	-1.05
09/01/2021	17:01:35	78797.42	394736.91	40.17	Soil	10,500	-0.71
09/01/2021	17:01:36	78797.30	394737.05	40.13	Soil	9,540	-1.38
09/01/2021	17:01:37	78797.18	394737.26	40.06	Soil	9,480	-1.42
09/01/2021	17:01:38	78797.01	394737.53	40.09	Soil	9,420	-1.47
09/01/2021	17:01:39	78797.03	394737.80	40.10	Soil	8,040	-2.44
09/01/2021	17:01:40	78796.99	394738.08	40.15	Soil	8,400	-2.18
09/01/2021	17:01:41	78797.27	394738.22	40.21	Soil	11,520	0.01
09/01/2021	17:02:47	78799.20	394739.97	39.78	Soil	11,400	-0.08
09/01/2021	17:02:48	78799.22	394739.97	39.77	Soil	11,520	0.01
09/01/2021	17:06:39	78793.35	394758.53	40.58	Soil	11,460	-0.04
09/01/2021	17:06:40	78793.37	394758.71	40.58	Soil	10,020	-1.05
09/01/2021	17:06:41	78793.54	394758.76	40.57	Soil	12,180	0.47
09/01/2021	17:06:42	78793.60	394758.95	40.57	Soil	10,620	-0.62
09/01/2021	17:06:43	78793.71	394759.04	40.52	Soil	10,140	-0.96
09/01/2021	17:06:44	78793.75	394759.19	40.52	Soil	9,180	-1.64
09/01/2021	17:06:45	78793.88	394759.25	40.52	Soil	9,180	-1.64
09/01/2021	17:06:46	78793.96	394759.25	40.49	Soil	10,740	-0.54
09/01/2021	17:06:47	78793.96	394759.45	40.49	Soil	9,960	-1.09
09/01/2021	17:06:48	78794.10	394759.59	40.48	Soil	11,640	0.09
09/01/2021	17:06:49	78794.19	394759.61	40.47	Soil	10,740	-0.54
09/01/2021	17:06:50	78794.31	394759.68	40.51	Soil	10,320	-0.84
09/01/2021	17:06:51	78794.38	394759.63	40.49	Soil	9,720	-1.26
09/01/2021	17:06:52	78794.37	394759.81	40.45	Soil	11,400	-0.08
09/01/2021	17:06:53	78794.42	394759.89	40.43	Soil	10,080	-1.00
09/01/2021	17:06:54	78794.28	394759.81	40.46	Soil	9,660	-1.30
09/01/2021	17:06:55	78794.20	394759.61	40.45	Soil	8,700	-1.97
09/01/2021	17:06:56	78793.98	394759.54	40.45	Soil	11,640	0.09

SU 7D GWS RESULTS
(SOIL)

09/01/2021	17:06:57	78793.89	394759.41	40.47	Soil	9,900	-1.13
09/01/2021	17:06:58	78793.69	394759.35	40.44	Soil	11,100	-0.29
09/01/2021	17:06:59	78793.58	394759.31	40.50	Soil	10,320	-0.84
09/01/2021	17:07:00	78793.59	394759.12	40.52	Soil	12,120	0.43
09/01/2021	17:07:01	78793.50	394758.98	40.52	Soil	10,920	-0.41
09/01/2021	17:07:02	78793.42	394758.87	40.51	Soil	10,680	-0.58
09/01/2021	17:07:23	78793.63	394755.49	40.59	Soil	11,340	-0.12
09/01/2021	17:07:24	78793.58	394755.55	40.60	Soil	10,560	-0.67
09/01/2021	17:07:26	78793.60	394755.72	40.64	Soil	11,400	-0.08
09/01/2021	17:07:27	78793.62	394755.92	40.66	Soil	10,680	-0.58
09/01/2021	17:07:28	78793.68	394756.10	40.69	Soil	10,680	-0.58
09/01/2021	17:07:29	78793.67	394756.23	40.69	Soil	10,920	-0.41
09/01/2021	17:07:30	78793.63	394756.40	40.67	Soil	11,100	-0.29
09/01/2021	17:07:31	78793.70	394756.37	40.64	Soil	9,360	-1.51
09/01/2021	17:07:32	78793.61	394756.36	40.65	Soil	10,800	-0.50
09/01/2021	17:07:33	78793.61	394756.42	40.65	Soil	10,440	-0.75
09/01/2021	17:07:34	78793.60	394756.56	40.71	Soil	10,860	-0.46
09/01/2021	17:07:35	78793.74	394756.87	40.66	Soil	10,560	-0.67
09/01/2021	17:07:36	78793.56	394756.94	40.69	Soil	11,160	-0.25
09/01/2021	17:07:37	78793.72	394757.15	40.67	Soil	9,180	-1.64
09/01/2021	17:07:38	78793.56	394757.30	40.68	Soil	10,560	-0.67
09/01/2021	17:07:39	78793.53	394757.39	40.68	Soil	10,980	-0.37
09/01/2021	17:07:40	78793.53	394757.37	40.68	Soil	10,620	-0.62
09/01/2021	17:07:41	78793.52	394757.35	40.69	Soil	9,780	-1.21
09/01/2021	17:07:42	78793.55	394757.35	40.68	Soil	10,500	-0.71
09/01/2021	17:10:35	78793.24	394760.73	39.69	Soil	10,380	-0.79
09/01/2021	17:10:36	78793.36	394760.94	39.64	Soil	12,120	0.43
09/01/2021	17:13:01	78794.95	394761.31	40.02	Soil	10,620	-0.62
09/01/2021	17:13:02	78794.85	394761.39	40.02	Soil	10,260	-0.88
09/01/2021	17:13:03	78794.94	394761.39	40.03	Soil	9,540	-1.38
09/01/2021	17:13:03	78795.05	394761.45	40.00	Soil	10,680	-0.58
09/01/2021	17:13:05	78794.90	394761.48	39.99	Soil	10,020	-1.05
09/01/2021	17:13:06	78794.70	394761.40	39.99	Soil	10,140	-0.96
09/01/2021	17:13:07	78794.81	394761.53	39.97	Soil	11,340	-0.12
09/01/2021	17:13:08	78794.55	394761.56	39.86	Soil	11,280	-0.16
09/01/2021	17:13:09	78794.52	394761.67	39.86	Soil	10,500	-0.71
09/01/2021	17:13:09	78794.29	394761.77	39.85	Soil	9,540	-1.38
09/01/2021	17:13:11	78794.13	394761.71	39.81	Soil	10,740	-0.54
09/01/2021	17:13:11	78794.01	394761.74	39.79	Soil	10,260	-0.88
09/01/2021	17:13:13	78793.87	394761.71	39.79	Soil	10,980	-0.37
09/01/2021	17:13:13	78793.70	394761.59	39.79	Soil	10,500	-0.71
09/01/2021	17:13:14	78793.75	394761.66	39.78	Soil	10,020	-1.05
09/01/2021	17:13:16	78793.72	394761.80	39.73	Soil	11,640	0.09
09/01/2021	17:13:17	78793.84	394761.92	39.65	Soil	11,340	-0.12
09/01/2021	17:13:18	78793.77	394762.06	39.60	Soil	11,400	-0.08
09/01/2021	17:13:19	78793.97	394762.23	39.48	Soil	9,900	-1.13
09/01/2021	17:13:19	78793.90	394762.45	39.48	Soil	8,760	-1.93
09/01/2021	17:13:20	78793.68	394762.60	39.20	Soil	9,960	-1.09
09/01/2021	17:13:22	78793.90	394762.65	39.20	Soil	9,300	-1.55
09/01/2021	17:13:23	78793.87	394762.80	39.26	Soil	8,880	-1.85
09/01/2021	17:13:24	78793.91	394762.91	39.25	Soil	10,500	-0.71

SU 7D GWS RESULTS
(SOIL)

09/01/2021	17:13:25	78794.02	394762.98	39.25	Soil	7,740	-2.65
09/01/2021	17:13:25	78793.92	394763.15	39.20	Soil	9,240	-1.59
09/01/2021	17:13:26	78794.11	394763.16	39.09	Soil	8,520	-2.10
09/01/2021	17:13:28	78793.93	394763.43	39.02	Soil	9,660	-1.30
09/01/2021	17:13:28	78793.82	394763.58	39.02	Soil	10,440	-0.75
09/01/2021	17:13:30	78793.98	394763.59	39.04	Soil	9,000	-1.76
09/01/2021	17:13:31	78793.93	394763.75	38.95	Soil	10,440	-0.75
09/01/2021	17:13:32	78793.77	394763.95	39.02	Soil	9,960	-1.09
09/01/2021	17:13:32	78794.18	394764.29	39.02	Soil	9,840	-1.17
09/01/2021	17:13:33	78794.12	394764.46	39.01	Soil	11,400	-0.08
09/01/2021	17:13:35	78794.00	394764.51	38.93	Soil	11,280	-0.16
09/01/2021	17:13:35	78794.20	394764.66	38.93	Soil	9,360	-1.51
09/01/2021	17:13:36	78794.12	394764.77	38.89	Soil	10,440	-0.75
09/01/2021	17:13:38	78794.13	394764.93	38.84	Soil	11,700	0.13
09/01/2021	17:13:38	78794.13	394765.11	38.84	Soil	10,500	-0.71
09/01/2021	17:13:39	78794.14	394765.25	38.72	Soil	10,800	-0.50
09/01/2021	17:13:41	78794.35	394765.33	38.75	Soil	9,420	-1.47
09/01/2021	17:13:41	78794.31	394765.38	38.73	Soil	9,240	-1.59
09/01/2021	17:13:42	78794.04	394765.32	38.73	Soil	10,980	-0.37
09/01/2021	17:13:44	78794.20	394765.46	38.74	Soil	10,260	-0.88
09/01/2021	17:13:44	78794.02	394765.56	38.75	Soil	9,120	-1.68
09/01/2021	17:13:45	78794.15	394765.79	38.75	Soil	9,360	-1.51
09/01/2021	17:13:46	78794.23	394765.90	38.83	Soil	9,900	-1.13
09/01/2021	17:13:47	78794.11	394766.11	38.75	Soil	9,900	-1.13
09/01/2021	17:13:48	78794.31	394766.35	38.82	Soil	8,520	-2.10
09/01/2021	17:13:49	78794.23	394766.49	38.82	Soil	8,040	-2.44
09/01/2021	17:13:50	78794.24	394766.51	38.86	Soil	8,760	-1.93
09/01/2021	17:13:51	78794.42	394766.86	39.01	Soil	11,040	-0.33
09/01/2021	17:13:52	78794.45	394766.95	39.01	Soil	9,660	-1.30
09/01/2021	17:13:53	78794.49	394766.85	39.01	Soil	9,720	-1.26
09/01/2021	17:13:54	78794.44	394766.79	38.84	Soil	9,120	-1.68
09/01/2021	17:13:55	78794.10	394766.71	38.84	Soil	9,780	-1.21
09/01/2021	17:13:56	78794.09	394766.71	38.82	Soil	10,560	-0.67
09/01/2021	17:13:57	78793.97	394766.88	38.82	Soil	8,280	-2.27
09/01/2021	17:13:58	78793.95	394766.79	38.79	Soil	8,700	-1.97
09/01/2021	17:13:59	78793.94	394766.47	38.63	Soil	9,060	-1.72
09/01/2021	17:14:00	78793.67	394766.71	38.55	Soil	9,900	-1.13
09/01/2021	17:14:01	78793.78	394766.50	38.53	Soil	10,200	-0.92
09/01/2021	17:14:02	78793.94	394766.36	38.52	Soil	8,940	-1.80
09/01/2021	17:14:03	78793.87	394766.13	38.50	Soil	9,840	-1.17
09/01/2021	17:14:04	78793.94	394765.95	38.51	Soil	9,600	-1.34
09/01/2021	17:14:05	78793.88	394765.84	38.49	Soil	8,760	-1.93
09/01/2021	17:14:06	78793.85	394765.71	38.49	Soil	10,500	-0.71
09/01/2021	17:14:07	78793.91	394765.54	38.52	Soil	9,180	-1.64
09/01/2021	17:14:08	78793.78	394765.39	38.50	Soil	9,300	-1.55
09/01/2021	17:14:09	78793.91	394765.23	38.53	Soil	11,700	0.13
09/01/2021	17:14:10	78793.84	394765.05	38.55	Soil	11,100	-0.29
09/01/2021	17:14:11	78793.86	394764.99	38.56	Soil	11,460	-0.04
09/01/2021	17:14:12	78794.01	394764.97	38.56	Soil	10,800	-0.50
09/01/2021	17:14:13	78793.62	394764.73	38.54	Soil	9,900	-1.13
09/01/2021	17:14:14	78793.70	394764.61	38.54	Soil	9,060	-1.72

SU 7D GWS RESULTS
(SOIL)

09/01/2021	17:14:15	78793.58	394764.31	38.63	Soil	9,300	-1.55
09/01/2021	17:14:16	78793.58	394764.18	38.63	Soil	10,140	-0.96
09/01/2021	17:14:17	78793.62	394764.03	38.66	Soil	9,840	-1.17
09/01/2021	17:14:18	78793.55	394763.87	38.68	Soil	9,540	-1.38
09/01/2021	17:14:19	78793.59	394763.75	38.68	Soil	9,600	-1.34
09/01/2021	17:14:20	78793.51	394763.63	38.72	Soil	8,040	-2.44
09/01/2021	17:14:21	78793.46	394763.47	38.75	Soil	9,360	-1.51
09/01/2021	17:14:22	78793.22	394763.33	38.77	Soil	9,060	-1.72
09/01/2021	17:14:23	78793.31	394763.06	38.82	Soil	9,780	-1.21
09/01/2021	17:14:24	78793.14	394762.92	38.85	Soil	9,480	-1.42
09/01/2021	17:14:25	78793.17	394762.76	38.84	Soil	10,320	-0.84
09/01/2021	17:14:26	78793.11	394762.62	38.89	Soil	9,540	-1.38
09/01/2021	17:14:28	78793.11	394762.39	38.93	Soil	9,840	-1.17
09/01/2021	17:15:10	78793.07	394763.78	38.65	Soil	10,020	-1.05
09/01/2021	17:15:11	78793.00	394763.91	38.62	Soil	9,240	-1.59
09/01/2021	17:15:12	78793.14	394764.04	38.60	Soil	10,860	-0.46
09/01/2021	17:15:13	78793.23	394764.16	38.63	Soil	10,020	-1.05
09/01/2021	17:15:14	78793.34	394764.21	38.62	Soil	11,400	-0.08
09/01/2021	17:15:15	78793.47	394764.36	38.62	Soil	10,260	-0.88
09/01/2021	17:15:16	78793.39	394764.43	38.59	Soil	10,740	-0.54
09/01/2021	17:15:17	78793.54	394764.63	38.56	Soil	9,960	-1.09
09/01/2021	17:15:18	78793.32	394764.79	38.52	Soil	10,440	-0.75
09/01/2021	17:15:19	78793.46	394764.94	38.51	Soil	10,380	-0.79
09/01/2021	17:15:20	78793.27	394765.11	38.48	Soil	10,140	-0.96
09/01/2021	17:15:21	78793.37	394765.26	38.46	Soil	9,480	-1.42
09/01/2021	17:15:22	78793.37	394765.41	38.43	Soil	10,800	-0.50
09/01/2021	17:15:23	78793.28	394765.55	38.36	Soil	10,140	-0.96
09/01/2021	17:15:24	78793.40	394765.79	38.36	Soil	9,420	-1.47
09/01/2021	17:15:25	78793.19	394765.96	38.25	Soil	9,780	-1.21
09/01/2021	17:15:26	78793.36	394766.19	38.29	Soil	8,700	-1.97
09/01/2021	17:15:27	78793.24	394766.33	38.29	Soil	10,020	-1.05
09/01/2021	17:15:28	78793.33	394766.38	38.29	Soil	9,180	-1.64
09/01/2021	17:15:29	78793.37	394766.57	38.32	Soil	9,120	-1.68
09/01/2021	17:15:32	78793.38	394766.58	38.31	Soil	7,920	-2.52
09/01/2021	17:15:33	78793.42	394766.47	38.32	Soil	9,120	-1.68
09/01/2021	17:16:01	78793.35	394766.63	38.16	Soil	9,720	-1.26
09/01/2021	17:16:02	78793.40	394766.57	38.14	Soil	9,840	-1.17
09/01/2021	17:16:03	78793.74	394766.37	38.28	Soil	10,740	-0.54
09/01/2021	17:16:04	78793.69	394766.02	38.33	Soil	8,520	-2.10
09/01/2021	17:16:05	78793.81	394766.20	38.34	Soil	8,460	-2.14
09/01/2021	17:16:06	78793.87	394765.95	38.38	Soil	9,060	-1.72
09/01/2021	17:16:07	78793.88	394766.03	38.39	Soil	10,260	-0.88
09/01/2021	17:16:08	78793.83	394765.94	38.38	Soil	12,480	0.68
09/01/2021	17:16:09	78793.89	394766.00	38.41	Soil	9,840	-1.17
09/01/2021	17:16:10	78793.82	394765.97	38.32	Soil	10,200	-0.92
09/01/2021	17:16:42	78792.94	394765.52	37.51	Soil	10,080	-1.00
09/01/2021	17:16:45	78792.82	394765.73	37.75	Soil	9,780	-1.21
09/01/2021	17:16:48	78792.81	394765.35	37.84	Soil	10,380	-0.79
09/01/2021	17:16:49	78792.87	394765.15	37.88	Soil	11,640	0.09
09/01/2021	17:16:50	78792.87	394764.91	37.92	Soil	11,340	-0.12
09/01/2021	17:19:34	78793.46	394758.53	40.44	Soil	9,960	-1.09

SU 7D GWS RESULTS
(SOIL)

09/01/2021	17:19:35	78793.38	394758.62	40.40	Soil	11,760	0.18
09/01/2021	17:19:36	78793.58	394758.69	40.39	Soil	10,140	-0.96
09/01/2021	17:19:37	78793.50	394758.90	40.35	Soil	8,880	-1.85
09/01/2021	17:19:38	78793.59	394759.09	40.32	Soil	11,520	0.01
09/01/2021	17:19:39	78793.38	394759.25	40.26	Soil	10,800	-0.50
09/01/2021	17:19:40	78793.44	394759.47	40.22	Soil	10,140	-0.96
09/01/2021	17:19:42	78793.40	394759.82	40.07	Soil	10,680	-0.58
09/01/2021	17:19:43	78793.42	394759.98	39.98	Soil	9,960	-1.09
09/01/2021	17:19:44	78793.53	394760.17	39.99	Soil	10,560	-0.67
09/01/2021	17:19:45	78793.62	394760.27	39.98	Soil	9,480	-1.42
09/01/2021	17:19:46	78793.72	394760.38	39.98	Soil	11,760	0.18
09/01/2021	17:19:47	78793.91	394760.45	40.00	Soil	12,540	0.72
09/01/2021	17:19:48	78793.98	394760.59	39.99	Soil	9,420	-1.47
09/01/2021	17:19:49	78794.11	394760.69	39.98	Soil	12,240	0.51
09/01/2021	17:19:50	78794.04	394760.90	39.91	Soil	9,960	-1.09
09/01/2021	17:19:51	78794.25	394760.96	39.92	Soil	10,320	-0.84
09/01/2021	17:19:52	78794.31	394761.24	39.88	Soil	10,680	-0.58
09/01/2021	17:19:53	78794.55	394761.33	39.85	Soil	11,340	-0.12
09/01/2021	17:19:54	78794.70	394761.48	39.83	Soil	9,060	-1.72
09/01/2021	17:19:55	78794.86	394761.71	39.76	Soil	9,960	-1.09
09/01/2021	17:19:56	78794.86	394761.91	39.62	Soil	10,200	-0.92
09/01/2021	17:19:57	78794.82	394762.10	39.62	Soil	11,280	-0.16
09/01/2021	17:19:58	78794.83	394762.28	39.60	Soil	10,200	-0.92
09/01/2021	17:19:59	78794.92	394762.47	39.58	Soil	9,360	-1.51
09/01/2021	17:20:00	78795.05	394762.61	39.60	Soil	9,360	-1.51
09/01/2021	17:20:01	78795.09	394762.76	39.58	Soil	8,460	-2.14
09/01/2021	17:20:02	78795.10	394763.04	39.64	Soil	9,720	-1.26
09/01/2021	17:20:03	78795.14	394763.19	39.65	Soil	9,120	-1.68
09/01/2021	17:20:04	78795.32	394763.42	39.71	Soil	10,140	-0.96
09/01/2021	17:20:05	78795.20	394763.57	39.77	Soil	9,840	-1.17
09/01/2021	17:20:06	78795.15	394763.68	39.64	Soil	9,240	-1.59
09/01/2021	17:20:07	78795.00	394763.68	39.62	Soil	9,180	-1.64
09/01/2021	17:20:08	78795.02	394763.66	39.63	Soil	9,840	-1.17
09/01/2021	17:20:09	78794.98	394763.89	39.62	Soil	9,780	-1.21
09/01/2021	17:20:10	78794.64	394763.87	39.36	Soil	9,840	-1.17
09/01/2021	17:20:11	78794.61	394763.95	39.31	Soil	9,360	-1.51
09/01/2021	17:20:12	78794.59	394763.95	39.33	Soil	9,720	-1.26
09/01/2021	17:20:13	78794.77	394763.89	39.33	Soil	9,720	-1.26
09/01/2021	17:20:14	78794.55	394763.94	39.17	Soil	8,820	-1.89
09/01/2021	17:20:15	78794.29	394763.65	39.06	Soil	8,760	-1.93
09/01/2021	17:20:16	78794.16	394763.47	38.99	Soil	8,640	-2.01
09/01/2021	17:20:17	78794.31	394763.28	39.07	Soil	8,340	-2.22
09/01/2021	17:20:18	78794.52	394763.02	39.18	Soil	10,020	-1.05
09/01/2021	17:20:19	78794.85	394762.77	39.43	Soil	9,540	-1.38
09/01/2021	17:20:20	78795.25	394762.48	39.66	Soil	11,520	0.01
09/01/2021	17:20:21	78795.58	394762.41	39.89	Soil	11,460	-0.04
09/01/2021	17:20:22	78795.67	394762.65	39.85	Soil	10,680	-0.58
09/01/2021	17:20:23	78795.80	394762.98	39.98	Soil	10,320	-0.84
09/01/2021	17:20:24	78795.64	394763.28	39.95	Soil	9,360	-1.51
09/01/2021	17:20:25	78795.75	394763.45	40.01	Soil	10,800	-0.50
09/01/2021	17:20:26	78795.68	394763.70	39.98	Soil	10,860	-0.46

SU 7D GWS RESULTS
(SOIL)

09/01/2021	17:20:27	78795.67	394763.96	40.02	Soil	10,020	-1.05
09/01/2021	17:20:28	78795.44	394764.08	39.95	Soil	11,100	-0.29
09/01/2021	17:20:29	78795.43	394764.44	39.89	Soil	10,020	-1.05
09/01/2021	17:20:30	78795.16	394764.56	39.72	Soil	9,300	-1.55
09/01/2021	17:20:31	78795.31	394764.82	39.73	Soil	9,000	-1.76
09/01/2021	17:20:32	78795.21	394765.00	39.69	Soil	8,820	-1.89
09/01/2021	17:20:33	78795.19	394765.17	39.67	Soil	8,100	-2.39
09/01/2021	17:20:34	78795.14	394765.36	39.69	Soil	9,660	-1.30
09/01/2021	17:20:35	78795.03	394765.48	39.68	Soil	9,300	-1.55
09/01/2021	17:20:36	78795.18	394765.61	39.72	Soil	9,420	-1.47
09/01/2021	17:20:37	78795.05	394765.78	39.69	Soil	8,280	-2.27
09/01/2021	17:20:38	78795.14	394765.94	39.71	Soil	8,100	-2.39
09/01/2021	17:20:39	78795.00	394766.14	39.66	Soil	8,640	-2.01
09/01/2021	17:20:40	78795.03	394766.31	39.66	Soil	7,440	-2.86
09/01/2021	17:20:41	78794.80	394766.39	39.61	Soil	9,300	-1.55
09/01/2021	17:20:42	78794.77	394766.40	39.62	Soil	8,400	-2.18
09/01/2021	17:20:43	78794.87	394766.42	39.63	Soil	8,700	-1.97
09/01/2021	17:20:44	78794.90	394766.44	39.64	Soil	10,260	-0.88
09/01/2021	17:20:45	78794.90	394766.42	39.66	Soil	11,340	-0.12
09/01/2021	17:20:46	78794.91	394766.43	39.67	Soil	10,020	-1.05
09/01/2021	17:20:50	78794.94	394766.44	39.70	Soil	9,300	-1.55
09/01/2021	17:20:51	78794.85	394766.41	39.70	Soil	8,220	-2.31
09/01/2021	17:20:52	78794.93	394766.48	39.69	Soil	8,100	-2.39
09/01/2021	17:20:53	78795.09	394766.55	39.72	Soil	9,540	-1.38
09/01/2021	17:20:54	78794.99	394766.74	39.69	Soil	8,580	-2.06
09/01/2021	17:20:55	78795.13	394766.90	39.71	Soil	9,300	-1.55
09/01/2021	17:20:56	78795.13	394767.07	39.74	Soil	8,580	-2.06
09/01/2021	17:20:57	78795.07	394767.26	39.70	Soil	10,200	-0.92
09/01/2021	17:20:58	78795.12	394767.30	39.79	Soil	9,120	-1.68
09/01/2021	17:20:59	78795.18	394767.39	39.78	Soil	8,160	-2.35
09/01/2021	17:21:00	78795.33	394767.55	39.91	Soil	9,300	-1.55
09/01/2021	17:21:01	78795.30	394767.64	40.01	Soil	11,460	-0.04
09/01/2021	17:21:02	78795.30	394767.82	39.99	Soil	10,920	-0.41
09/01/2021	17:21:03	78795.39	394768.31	40.18	Soil	9,540	-1.38
09/01/2021	17:21:04	78795.31	394768.65	40.38	Soil	11,340	-0.12
09/01/2021	17:21:05	78795.20	394768.77	40.55	Soil	10,320	-0.84
09/01/2021	17:21:06	78795.10	394769.00	40.63	Soil	7,740	-2.65
09/01/2021	17:21:07	78794.92	394769.09	40.63	Soil	10,020	-1.05
09/01/2021	17:21:08	78794.82	394769.30	40.67	Soil	7,980	-2.48
09/01/2021	17:21:09	78794.66	394769.30	40.66	Soil	8,640	-2.01
09/01/2021	17:21:10	78794.51	394769.28	40.66	Soil	7,860	-2.56
09/01/2021	17:21:11	78794.28	394769.35	40.58	Soil	9,000	-1.76
09/01/2021	17:21:12	78794.01	394769.20	40.43	Soil	7,860	-2.56
09/01/2021	17:21:13	78793.82	394769.20	40.39	Soil	7,920	-2.52
09/01/2021	17:21:14	78793.82	394769.32	40.36	Soil	7,800	-2.60
09/01/2021	17:21:15	78793.89	394769.56	40.31	Soil	8,160	-2.35
09/01/2021	17:21:16	78793.68	394769.83	40.17	Soil	7,800	-2.60
09/01/2021	17:21:17	78793.71	394769.98	40.06	Soil	8,940	-1.80
09/01/2021	17:21:18	78794.10	394770.28	40.30	Soil	7,980	-2.48
09/01/2021	17:21:19	78794.34	394770.44	40.47	Soil	9,060	-1.72
09/01/2021	17:21:20	78794.53	394770.36	40.49	Soil	7,740	-2.65

SU 7D GWS RESULTS
(SOIL)

09/01/2021	17:21:21	78794.45	394770.43	40.47	Soil	10,020	-1.05
09/01/2021	17:21:49	78795.16	394770.28	39.71	Soil	9,120	-1.68
09/01/2021	17:21:50	78795.10	394770.52	40.25	Soil	10,020	-1.05
09/01/2021	17:21:51	78794.94	394770.79	40.32	Soil	10,200	-0.92
09/01/2021	17:21:52	78794.89	394770.81	40.29	Soil	10,020	-1.05
09/01/2021	17:21:53	78794.88	394770.68	40.27	Soil	9,360	-1.51
09/01/2021	17:21:54	78794.75	394770.49	40.27	Soil	9,240	-1.59
09/01/2021	17:21:55	78794.78	394770.30	40.26	Soil	8,880	-1.85
09/01/2021	17:21:56	78794.72	394770.12	40.28	Soil	9,660	-1.30
09/01/2021	17:21:57	78794.64	394769.99	40.29	Soil	9,180	-1.64
09/01/2021	17:21:58	78794.72	394769.86	40.27	Soil	8,640	-2.01
09/01/2021	17:21:59	78794.67	394769.68	40.27	Soil	10,140	-0.96
09/01/2021	17:22:00	78794.84	394769.56	40.28	Soil	10,380	-0.79
09/01/2021	17:22:01	78794.85	394769.46	40.28	Soil	9,540	-1.38
09/01/2021	17:22:02	78795.10	394769.48	40.29	Soil	9,780	-1.21
09/01/2021	17:22:03	78795.20	394769.35	40.27	Soil	9,600	-1.34
09/01/2021	17:22:04	78795.44	394769.26	40.26	Soil	9,420	-1.47
09/01/2021	17:22:05	78795.51	394769.10	40.24	Soil	9,840	-1.17
09/01/2021	17:22:06	78795.61	394768.95	40.22	Soil	8,940	-1.80
09/01/2021	17:22:07	78795.74	394768.82	40.17	Soil	9,060	-1.72
09/01/2021	17:22:08	78795.75	394768.71	40.09	Soil	9,960	-1.09
09/01/2021	17:22:09	78795.68	394768.42	39.99	Soil	10,260	-0.88
09/01/2021	17:22:10	78795.69	394768.28	39.95	Soil	9,960	-1.09
09/01/2021	17:22:11	78795.82	394768.09	39.93	Soil	10,320	-0.84
09/01/2021	17:22:12	78795.64	394767.92	39.75	Soil	9,240	-1.59
09/01/2021	17:22:13	78795.78	394767.76	39.74	Soil	8,160	-2.35
09/01/2021	17:22:14	78795.92	394767.50	39.71	Soil	8,760	-1.93
09/01/2021	17:22:15	78795.70	394767.42	39.62	Soil	9,600	-1.34
09/01/2021	17:22:16	78795.64	394767.38	39.61	Soil	10,020	-1.05
09/01/2021	17:22:17	78795.63	394767.35	39.60	Soil	10,860	-0.46
09/01/2021	17:22:18	78795.74	394767.18	39.58	Soil	10,440	-0.75
09/01/2021	17:22:19	78795.67	394767.05	39.52	Soil	9,480	-1.42
09/01/2021	17:22:20	78795.68	394766.77	39.46	Soil	10,740	-0.54
09/01/2021	17:22:21	78795.75	394766.59	39.53	Soil	10,560	-0.67
09/01/2021	17:22:22	78795.67	394766.43	39.49	Soil	10,620	-0.62
09/01/2021	17:22:23	78795.71	394766.18	39.46	Soil	9,060	-1.72
09/01/2021	17:22:24	78795.82	394766.10	39.50	Soil	10,440	-0.75
09/01/2021	17:22:25	78795.78	394765.98	39.49	Soil	11,220	-0.20
09/01/2021	17:22:26	78795.73	394765.83	39.44	Soil	10,260	-0.88
09/01/2021	17:22:27	78795.75	394765.71	39.45	Soil	9,780	-1.21
09/01/2021	17:22:28	78795.87	394765.52	39.48	Soil	10,380	-0.79
09/01/2021	17:22:29	78795.86	394765.24	39.55	Soil	9,960	-1.09
09/01/2021	17:22:30	78795.90	394765.14	39.55	Soil	10,560	-0.67
09/01/2021	17:22:31	78795.95	394765.10	39.59	Soil	10,800	-0.50
09/01/2021	17:22:32	78795.88	394764.97	39.59	Soil	9,900	-1.13
09/01/2021	17:22:33	78795.99	394764.81	39.60	Soil	12,000	0.34
09/01/2021	17:22:34	78796.31	394764.62	39.76	Soil	9,660	-1.30
09/01/2021	17:22:35	78796.38	394764.59	39.82	Soil	9,600	-1.34
09/01/2021	17:22:36	78796.11	394764.34	39.79	Soil	10,620	-0.62
09/01/2021	17:22:37	78796.15	394764.13	39.78	Soil	10,860	-0.46
09/01/2021	17:22:38	78796.09	394764.06	39.78	Soil	9,660	-1.30

SU 7D GWS RESULTS
(SOIL)

09/01/2021	17:22:39	78796.19	394763.90	39.79	Soil	10,320	-0.84
09/01/2021	17:22:40	78796.24	394763.73	39.81	Soil	10,140	-0.96
09/01/2021	17:22:41	78796.21	394763.58	39.83	Soil	9,540	-1.38
09/01/2021	17:22:42	78796.33	394763.38	39.84	Soil	11,460	-0.04
09/01/2021	17:22:43	78796.23	394763.22	39.82	Soil	10,860	-0.46
09/01/2021	17:22:44	78796.36	394763.09	39.77	Soil	8,280	-2.27
09/01/2021	17:22:45	78796.76	394763.08	40.03	Soil	9,780	-1.21
09/01/2021	17:22:46	78796.91	394763.03	40.09	Soil	11,520	0.01
09/01/2021	17:22:47	78797.12	394763.11	40.11	Soil	10,800	-0.50
09/01/2021	17:22:48	78797.02	394763.35	40.06	Soil	9,900	-1.13
09/01/2021	17:22:49	78797.02	394763.66	40.03	Soil	11,040	-0.33
09/01/2021	17:22:50	78797.05	394763.81	40.06	Soil	8,640	-2.01
09/01/2021	17:22:51	78797.05	394763.82	40.07	Soil	9,240	-1.59
09/01/2021	17:22:52	78797.05	394763.87	40.10	Soil	9,900	-1.13
09/01/2021	17:22:53	78797.06	394763.85	40.10	Soil	9,420	-1.47
09/01/2021	17:22:54	78797.00	394763.88	40.11	Soil	10,320	-0.84
09/01/2021	17:22:55	78797.01	394764.19	40.14	Soil	9,300	-1.55
09/01/2021	17:22:56	78796.87	394764.60	40.10	Soil	11,280	-0.16
09/01/2021	17:22:57	78796.76	394765.20	40.08	Soil	10,620	-0.62
09/01/2021	17:22:58	78796.65	394765.80	40.10	Soil	12,720	0.85
09/01/2021	17:22:59	78796.44	394766.40	40.13	Soil	10,320	-0.84
09/01/2021	17:23:00	78796.32	394767.13	40.16	Soil	10,560	-0.67
09/01/2021	17:23:01	78796.00	394767.71	40.16	Soil	10,020	-1.05
09/01/2021	17:23:02	78795.73	394768.35	40.31	Soil	10,260	-0.88
09/01/2021	17:23:40	78795.05	394769.81	40.34	Soil	10,200	-0.92
09/01/2021	17:23:41	78795.06	394769.60	40.59	Soil	9,900	-1.13
09/01/2021	17:23:42	78795.09	394769.60	40.64	Soil	9,660	-1.30
09/01/2021	17:23:43	78795.04	394769.68	40.69	Soil	9,120	-1.68
09/01/2021	17:23:44	78794.92	394769.73	40.71	Soil	7,080	-3.11
09/01/2021	17:23:45	78794.95	394769.91	40.75	Soil	9,000	-1.76
09/01/2021	17:23:46	78794.78	394770.02	40.79	Soil	9,840	-1.17
09/01/2021	17:23:47	78794.79	394770.21	40.81	Soil	7,860	-2.56
09/01/2021	17:23:48	78794.68	394770.43	40.80	Soil	7,860	-2.56
09/01/2021	17:23:49	78794.65	394770.59	40.81	Soil	8,220	-2.31
09/01/2021	17:23:50	78794.54	394770.68	40.82	Soil	10,320	-0.84
09/01/2021	17:23:51	78794.41	394770.68	40.77	Soil	8,700	-1.97
09/01/2021	17:23:52	78794.20	394770.67	40.72	Soil	8,880	-1.85
09/01/2021	17:23:53	78794.34	394770.83	40.78	Soil	9,300	-1.55
09/01/2021	17:23:54	78794.39	394771.17	40.77	Soil	9,960	-1.09
09/01/2021	17:23:55	78794.17	394771.56	40.78	Soil	9,480	-1.42
09/01/2021	17:23:56	78793.81	394771.70	40.81	Soil	9,060	-1.72
09/01/2021	17:23:57	78793.40	394771.58	40.82	Soil	9,960	-1.09
09/01/2021	17:23:58	78793.08	394771.40	40.83	Soil	7,200	-3.02
09/01/2021	17:23:59	78792.84	394771.39	40.92	Soil	7,860	-2.56
09/01/2021	17:24:00	78792.65	394771.31	41.00	Soil	7,200	-3.02
09/01/2021	17:24:01	78792.35	394771.37	41.10	Soil	7,800	-2.60
09/01/2021	17:24:02	78792.11	394771.27	41.14	Soil	8,640	-2.01
09/01/2021	17:24:03	78791.91	394771.54	41.16	Soil	7,680	-2.69
09/01/2021	17:24:04	78791.69	394771.52	41.16	Soil	8,580	-2.06
09/01/2021	17:24:05	78791.55	394771.74	41.16	Soil	7,500	-2.81
09/01/2021	17:24:06	78791.33	394771.74	41.16	Soil	7,080	-3.11

SU 7D GWS RESULTS
(SOIL)

09/01/2021	17:24:07	78791.12	394771.92	41.17	Soil	8,400	-2.18
09/01/2021	17:24:08	78790.87	394771.82	41.18	Soil	9,240	-1.59
09/01/2021	17:24:09	78790.68	394771.87	41.18	Soil	7,560	-2.77
09/01/2021	17:24:10	78790.42	394771.85	41.19	Soil	7,500	-2.81
09/01/2021	17:24:11	78790.17	394771.76	41.19	Soil	8,640	-2.01
09/01/2021	17:24:12	78789.92	394771.87	41.21	Soil	8,640	-2.01
09/01/2021	17:24:13	78789.67	394771.70	41.21	Soil	8,460	-2.14
09/01/2021	17:24:14	78789.32	394771.72	41.22	Soil	8,760	-1.93
09/01/2021	17:24:15	78789.24	394771.50	41.20	Soil	9,060	-1.72
09/01/2021	17:24:16	78789.16	394771.44	41.18	Soil	8,040	-2.44
09/01/2021	17:24:17	78789.12	394771.41	41.16	Soil	6,180	-3.74
09/01/2021	17:24:18	78788.83	394771.29	41.13	Soil	5,940	-3.91
09/01/2021	17:24:19	78788.58	394771.15	41.05	Soil	7,440	-2.86
09/01/2021	17:24:20	78788.73	394770.79	40.87	Soil	7,920	-2.52
09/01/2021	17:24:24	78788.47	394770.26	40.77	Soil	9,720	-1.26
09/01/2021	17:24:25	78788.29	394770.37	40.81	Soil	10,140	-0.96
09/01/2021	17:24:26	78787.94	394770.52	40.76	Soil	8,880	-1.85
09/01/2021	17:24:27	78787.44	394770.71	40.68	Soil	10,440	-0.75
09/01/2021	17:24:56	78786.94	394769.68	40.04	Soil	9,600	-1.34
09/01/2021	17:24:57	78786.80	394769.89	40.13	Soil	9,240	-1.59
09/01/2021	17:24:58	78786.81	394769.80	40.09	Soil	9,720	-1.26
09/01/2021	17:24:59	78786.85	394769.61	39.96	Soil	8,280	-2.27
09/01/2021	17:25:00	78787.02	394769.51	39.88	Soil	9,480	-1.42
09/01/2021	17:25:01	78786.91	394769.36	39.79	Soil	10,980	-0.37
09/01/2021	17:25:02	78787.00	394769.25	39.68	Soil	10,080	-1.00
09/01/2021	17:25:03	78787.09	394769.19	39.68	Soil	9,300	-1.55
09/01/2021	17:25:04	78786.93	394769.17	39.69	Soil	9,660	-1.30
09/01/2021	17:25:05	78786.89	394769.08	39.63	Soil	10,500	-0.71
09/01/2021	17:25:06	78786.85	394768.93	39.57	Soil	10,380	-0.79
09/01/2021	17:25:07	78786.64	394768.88	39.56	Soil	9,960	-1.09
09/01/2021	17:25:08	78786.66	394768.81	39.52	Soil	10,680	-0.58
09/01/2021	17:25:09	78786.57	394768.69	39.51	Soil	10,140	-0.96
09/01/2021	17:25:10	78786.57	394768.51	39.40	Soil	10,380	-0.79
09/01/2021	17:25:11	78786.51	394768.36	39.35	Soil	10,380	-0.79
09/01/2021	17:25:12	78786.44	394768.25	39.28	Soil	9,540	-1.38
09/01/2021	17:25:13	78786.63	394768.09	39.11	Soil	9,960	-1.09
09/01/2021	17:25:14	78786.45	394767.92	39.11	Soil	9,840	-1.17
09/01/2021	17:25:15	78786.49	394767.76	39.01	Soil	10,020	-1.05
09/01/2021	17:25:16	78786.49	394767.61	39.00	Soil	9,600	-1.34
09/01/2021	17:25:17	78786.29	394767.40	39.00	Soil	11,100	-0.29
09/01/2021	17:25:18	78786.16	394767.22	39.08	Soil	10,920	-0.41
09/01/2021	17:25:19	78786.34	394767.02	38.97	Soil	8,880	-1.85
09/01/2021	17:25:20	78786.47	394766.85	38.91	Soil	8,220	-2.31
09/01/2021	17:25:21	78786.42	394766.62	38.96	Soil	10,380	-0.79
09/01/2021	17:25:54	78786.87	394765.35	38.98	Soil	9,300	-1.55
09/01/2021	17:25:55	78786.85	394765.33	38.96	Soil	8,820	-1.89
09/01/2021	17:25:56	78786.77	394765.12	39.05	Soil	10,860	-0.46
09/01/2021	17:25:57	78786.69	394764.96	39.11	Soil	9,900	-1.13
09/01/2021	17:25:58	78786.85	394764.83	39.05	Soil	10,320	-0.84
09/01/2021	17:25:59	78786.86	394764.68	39.09	Soil	9,780	-1.21
09/01/2021	17:26:00	78786.87	394764.52	39.08	Soil	9,840	-1.17

SU 7D GWS RESULTS
(SOIL)

09/01/2021	17:26:01	78786.91	394764.31	39.11	Soil	10,020	-1.05
09/01/2021	17:26:02	78786.78	394764.09	39.28	Soil	10,260	-0.88
09/01/2021	17:26:03	78786.95	394763.91	39.23	Soil	8,760	-1.93
09/01/2021	17:26:04	78786.80	394763.96	39.28	Soil	9,660	-1.30
09/01/2021	17:26:05	78786.55	394763.97	39.35	Soil	9,420	-1.47
09/01/2021	17:26:06	78786.46	394763.96	39.33	Soil	10,140	-0.96
09/01/2021	17:26:07	78786.51	394763.95	39.32	Soil	8,940	-1.80
09/01/2021	17:26:08	78786.53	394764.03	39.34	Soil	10,320	-0.84
09/01/2021	17:26:09	78786.55	394764.10	39.33	Soil	8,880	-1.85
09/01/2021	17:26:10	78786.42	394764.31	39.35	Soil	9,480	-1.42
09/01/2021	17:26:11	78786.44	394764.51	39.29	Soil	9,900	-1.13
09/01/2021	17:26:12	78786.40	394764.62	39.30	Soil	9,240	-1.59
09/01/2021	17:26:13	78786.31	394764.96	39.13	Soil	11,100	-0.29

SU 7D GWS RESULTS
(ASPHALT)

GPS Date	GPS Time	Northing	Easting	Altitude	Matrix	Gamma (cpm)	Z-Score
08/09/2021	15:36:26	78786.98	394770.89	39.78	Asphalt	10,500	0.49
08/09/2021	15:36:27	78787.02	394770.88	39.78	Asphalt	11,400	1.56
08/09/2021	15:36:28	78787.00	394770.90	39.76	Asphalt	10,200	0.14
08/09/2021	15:36:29	78786.90	394770.85	39.74	Asphalt	10,860	0.92
08/09/2021	15:36:30	78786.85	394770.84	39.70	Asphalt	8,880	-1.43
08/09/2021	15:36:31	78786.86	394770.81	39.65	Asphalt	10,200	0.14
08/09/2021	15:36:32	78786.94	394770.78	39.62	Asphalt	10,080	-0.01
08/09/2021	15:36:33	78786.88	394770.77	39.60	Asphalt	9,900	-0.22
08/09/2021	15:36:34	78786.92	394770.71	39.57	Asphalt	10,260	0.21
08/09/2021	15:36:35	78786.95	394770.68	39.56	Asphalt	10,380	0.35
08/09/2021	15:36:36	78786.95	394770.66	39.53	Asphalt	9,120	-1.14
08/09/2021	15:36:37	78786.95	394770.65	39.51	Asphalt	10,860	0.92
08/09/2021	15:36:38	78786.95	394770.64	39.49	Asphalt	9,840	-0.29
08/09/2021	15:36:39	78786.97	394770.58	39.48	Asphalt	8,820	-1.50
08/09/2021	15:36:40	78786.97	394770.57	39.49	Asphalt	8,880	-1.43
08/09/2021	15:36:41	78786.97	394770.54	39.50	Asphalt	9,960	-0.15
08/09/2021	15:36:42	78786.98	394770.52	39.51	Asphalt	10,320	0.28
08/09/2021	15:36:43	78786.98	394770.53	39.53	Asphalt	10,620	0.63
08/09/2021	15:36:44	78786.96	394770.51	39.52	Asphalt	9,780	-0.36
08/09/2021	15:36:45	78786.97	394770.56	39.51	Asphalt	9,600	-0.57
08/09/2021	15:36:46	78786.94	394770.57	39.47	Asphalt	10,140	0.07
08/09/2021	15:36:47	78786.97	394770.59	39.46	Asphalt	9,240	-1.00
08/09/2021	15:36:48	78786.95	394770.54	39.46	Asphalt	10,860	0.92
08/09/2021	15:36:49	78786.95	394770.54	39.50	Asphalt	9,240	-1.00
08/09/2021	15:36:50	78786.97	394770.61	39.54	Asphalt	9,060	-1.21
08/09/2021	15:36:51	78786.78	394770.41	39.56	Asphalt	11,460	1.63
08/09/2021	15:36:52	78786.65	394770.06	39.61	Asphalt	10,260	0.21
08/09/2021	15:36:53	78786.56	394769.81	39.57	Asphalt	10,860	0.92
08/09/2021	15:36:54	78786.54	394769.74	39.38	Asphalt	10,980	1.06
08/09/2021	15:36:55	78786.42	394770.13	39.47	Asphalt	9,480	-0.72
08/09/2021	15:36:56	78786.47	394770.80	39.72	Asphalt	10,200	0.14
08/09/2021	15:36:57	78786.60	394771.13	39.94	Asphalt	10,500	0.49
08/09/2021	15:36:58	78786.32	394770.99	40.17	Asphalt	9,720	-0.43
08/09/2021	15:36:59	78786.04	394770.61	40.29	Asphalt	10,800	0.85
08/09/2021	15:37:00	78785.93	394770.70	40.28	Asphalt	9,900	-0.22
08/09/2021	15:37:01	78785.89	394771.30	40.29	Asphalt	11,400	1.56
08/09/2021	15:37:02	78785.89	394771.25	40.17	Asphalt	10,260	0.21
08/09/2021	15:37:03	78785.78	394770.60	39.91	Asphalt	9,540	-0.64
08/09/2021	15:37:04	78785.54	394770.67	39.76	Asphalt	10,200	0.14
08/09/2021	15:37:05	78785.43	394771.21	39.69	Asphalt	9,480	-0.72
08/09/2021	15:37:06	78785.49	394771.36	39.73	Asphalt	11,640	1.84
08/09/2021	15:37:07	78785.21	394771.20	39.85	Asphalt	10,680	0.70
08/09/2021	15:37:08	78785.08	394770.74	39.89	Asphalt	9,660	-0.50
08/09/2021	15:37:09	78785.12	394770.27	39.90	Asphalt	10,560	0.56
08/09/2021	15:37:10	78785.06	394770.35	39.88	Asphalt	9,060	-1.21
08/09/2021	15:37:11	78784.90	394770.86	39.84	Asphalt	11,100	1.20
08/09/2021	15:37:12	78784.95	394771.37	39.88	Asphalt	9,060	-1.21
08/09/2021	15:37:13	78784.95	394771.29	40.02	Asphalt	9,960	-0.15
08/09/2021	15:37:14	78784.61	394770.86	40.02	Asphalt	9,360	-0.86
08/09/2021	15:37:15	78784.56	394770.41	40.00	Asphalt	10,320	0.28

SU 7D GWS RESULTS
(ASPHALT)

08/09/2021	15:37:16	78784.62	394770.08	39.92	Asphalt	9,720	-0.43
08/09/2021	15:37:17	78784.62	394770.07	39.86	Asphalt	9,120	-1.14
08/09/2021	15:37:18	78784.45	394770.46	39.83	Asphalt	9,900	-0.22
08/09/2021	15:37:19	78784.52	394770.94	39.85	Asphalt	10,860	0.92
08/09/2021	15:37:20	78784.54	394770.87	39.80	Asphalt	8,880	-1.43
08/09/2021	15:38:48	78785.62	394771.30	39.96	Asphalt	9,180	-1.07
08/09/2021	15:38:49	78785.62	394771.22	39.97	Asphalt	9,060	-1.21
08/09/2021	15:38:50	78785.56	394771.06	39.93	Asphalt	9,840	-0.29
08/09/2021	15:38:51	78785.72	394770.90	40.03	Asphalt	9,720	-0.43
08/09/2021	15:38:52	78785.73	394770.54	40.07	Asphalt	9,180	-1.07
08/09/2021	15:38:53	78785.83	394770.10	40.06	Asphalt	10,200	0.14
08/09/2021	15:38:54	78786.00	394769.83	40.06	Asphalt	11,100	1.20
08/09/2021	15:38:55	78786.02	394769.80	40.33	Asphalt	9,120	-1.14
08/09/2021	15:38:56	78785.80	394770.14	40.49	Asphalt	10,860	0.92
08/09/2021	15:38:57	78785.45	394770.63	40.55	Asphalt	10,200	0.14
08/09/2021	15:38:58	78785.27	394771.00	40.65	Asphalt	9,660	-0.50
08/09/2021	15:38:59	78785.20	394770.64	40.79	Asphalt	9,660	-0.50
08/09/2021	15:39:00	78785.28	394770.21	40.91	Asphalt	10,980	1.06
08/09/2021	15:39:01	78785.24	394770.07	40.97	Asphalt	9,420	-0.79
08/09/2021	15:39:02	78784.92	394770.18	40.98	Asphalt	9,720	-0.43
08/09/2021	15:39:03	78784.50	394770.29	41.07	Asphalt	10,260	0.21
08/09/2021	15:39:04	78784.36	394770.11	41.19	Asphalt	10,200	0.14
08/09/2021	15:39:05	78784.66	394769.81	41.24	Asphalt	10,620	0.63
08/09/2021	15:39:06	78784.66	394769.67	41.21	Asphalt	9,540	-0.64
08/09/2021	15:39:07	78784.31	394769.75	41.19	Asphalt	9,540	-0.64
08/09/2021	15:39:08	78783.97	394769.74	41.20	Asphalt	8,880	-1.43
08/09/2021	15:39:09	78783.74	394769.54	41.28	Asphalt	8,100	-2.35
08/09/2021	15:39:10	78784.00	394769.05	41.23	Asphalt	9,840	-0.29
08/09/2021	15:39:11	78784.24	394769.08	41.25	Asphalt	9,120	-1.14
08/09/2021	15:39:12	78784.37	394769.09	41.23	Asphalt	9,120	-1.14
08/09/2021	15:39:13	78784.25	394768.75	41.19	Asphalt	8,220	-2.21
08/09/2021	15:39:14	78784.30	394768.32	41.27	Asphalt	10,740	0.78
08/09/2021	15:39:15	78784.62	394768.65	41.29	Asphalt	9,840	-0.29
08/09/2021	15:39:16	78784.64	394768.74	41.24	Asphalt	9,840	-0.29
08/09/2021	15:39:17	78784.87	394768.53	41.23	Asphalt	11,700	1.91
08/09/2021	15:39:18	78785.09	394768.71	41.19	Asphalt	11,220	1.34
08/09/2021	15:39:19	78784.67	394768.91	41.16	Asphalt	10,020	-0.08
08/09/2021	15:39:20	78784.45	394768.93	41.23	Asphalt	9,300	-0.93
08/09/2021	15:39:21	78784.24	394768.88	41.21	Asphalt	9,120	-1.14
08/09/2021	15:39:22	78784.32	394768.96	41.19	Asphalt	9,360	-0.86
08/09/2021	15:39:23	78784.79	394769.19	41.14	Asphalt	9,900	-0.22
08/09/2021	15:39:24	78784.82	394769.42	41.16	Asphalt	12,360	2.69
08/09/2021	15:39:25	78784.34	394769.39	41.11	Asphalt	9,420	-0.79
08/09/2021	15:39:26	78784.16	394769.28	41.16	Asphalt	10,140	0.07
08/09/2021	15:39:27	78784.06	394769.34	41.13	Asphalt	8,280	-2.14
08/09/2021	15:39:28	78784.32	394769.55	41.11	Asphalt	10,320	0.28
08/09/2021	15:39:29	78784.58	394769.80	41.10	Asphalt	9,780	-0.36
08/09/2021	15:39:30	78784.81	394769.93	41.02	Asphalt	9,540	-0.64
08/09/2021	15:39:31	78785.07	394770.04	40.94	Asphalt	8,880	-1.43
08/09/2021	15:39:32	78784.86	394770.13	40.90	Asphalt	9,900	-0.22
08/09/2021	15:39:33	78784.41	394770.13	40.90	Asphalt	9,780	-0.36

SU 7D GWS RESULTS
(ASPHALT)

08/09/2021	15:39:34	78784.22	394770.15	40.84	Asphalt	11,040	1.13
08/09/2021	15:39:35	78784.51	394770.22	40.82	Asphalt	9,240	-1.00
08/09/2021	15:39:36	78784.65	394770.54	40.82	Asphalt	9,720	-0.43
08/09/2021	15:39:37	78784.55	394770.58	40.73	Asphalt	9,660	-0.50
08/09/2021	15:39:38	78784.94	394770.50	40.67	Asphalt	9,600	-0.57
08/09/2021	15:39:39	78785.07	394770.25	40.61	Asphalt	10,020	-0.08
08/09/2021	15:39:40	78784.90	394770.10	40.61	Asphalt	9,600	-0.57
08/09/2021	15:39:41	78784.79	394769.92	40.64	Asphalt	9,420	-0.79
08/09/2021	15:39:42	78785.27	394769.96	40.64	Asphalt	9,180	-1.07
08/09/2021	15:39:43	78785.54	394770.13	40.66	Asphalt	9,960	-0.15
08/09/2021	15:39:44	78785.13	394770.00	40.65	Asphalt	9,360	-0.86
08/09/2021	15:39:45	78784.92	394769.72	40.70	Asphalt	9,720	-0.43
08/09/2021	15:39:46	78785.20	394769.59	40.63	Asphalt	9,720	-0.43
08/09/2021	15:39:47	78785.55	394769.70	40.60	Asphalt	9,480	-0.72
08/09/2021	15:39:48	78785.08	394769.46	40.61	Asphalt	10,140	0.07
08/09/2021	15:39:49	78785.09	394769.12	40.67	Asphalt	9,840	-0.29
08/09/2021	15:39:50	78785.70	394769.12	40.60	Asphalt	9,540	-0.64
08/09/2021	15:39:51	78785.89	394769.25	40.58	Asphalt	11,100	1.20
08/09/2021	15:39:52	78785.86	394769.53	40.61	Asphalt	9,600	-0.57
08/09/2021	15:39:53	78785.45	394769.46	40.60	Asphalt	9,720	-0.43
08/09/2021	15:39:54	78785.47	394769.55	40.58	Asphalt	9,060	-1.21
08/09/2021	15:39:55	78785.77	394769.79	40.66	Asphalt	10,620	0.63
08/09/2021	15:39:56	78785.94	394770.11	40.72	Asphalt	10,200	0.14
08/09/2021	15:39:57	78785.37	394770.06	40.71	Asphalt	10,200	0.14
08/09/2021	15:39:58	78785.39	394770.13	40.72	Asphalt	10,440	0.42
08/09/2021	15:39:59	78785.64	394770.44	40.70	Asphalt	9,240	-1.00
08/09/2021	15:40:00	78785.67	394770.75	40.68	Asphalt	10,320	0.28
08/09/2021	15:40:01	78785.73	394770.90	40.70	Asphalt	10,800	0.85
08/09/2021	15:40:02	78786.21	394770.69	40.81	Asphalt	9,840	-0.29
08/09/2021	15:40:03	78786.20	394770.41	40.92	Asphalt	9,420	-0.79
08/09/2021	15:40:04	78785.82	394770.14	41.00	Asphalt	8,460	-1.92
08/09/2021	15:40:05	78786.32	394770.18	41.01	Asphalt	10,320	0.28
08/09/2021	15:40:06	78786.67	394770.42	41.01	Asphalt	9,900	-0.22
08/09/2021	15:40:07	78786.45	394770.19	41.02	Asphalt	8,700	-1.64
08/09/2021	15:40:08	78786.37	394769.78	41.06	Asphalt	8,640	-1.71
08/09/2021	15:40:09	78786.67	394769.67	41.02	Asphalt	9,900	-0.22
08/09/2021	15:40:10	78787.02	394770.06	40.95	Asphalt	9,780	-0.36
08/09/2021	15:40:11	78786.90	394770.11	40.90	Asphalt	10,680	0.70
08/09/2021	15:40:12	78786.62	394770.17	40.89	Asphalt	10,860	0.92
08/09/2021	15:40:13	78786.43	394770.27	40.90	Asphalt	8,700	-1.64
08/09/2021	15:40:14	78786.31	394770.29	40.82	Asphalt	10,200	0.14
08/09/2021	15:40:15	78786.18	394770.24	40.84	Asphalt	9,420	-0.79
08/09/2021	15:40:16	78786.35	394770.37	40.78	Asphalt	10,920	0.99
08/09/2021	15:40:17	78786.60	394770.66	40.84	Asphalt	11,340	1.49
08/09/2021	15:40:18	78786.51	394770.94	40.80	Asphalt	12,300	2.62
08/09/2021	15:40:19	78786.53	394771.13	40.82	Asphalt	10,380	0.35
08/09/2021	15:40:20	78786.71	394770.97	40.81	Asphalt	10,320	0.28
08/09/2021	15:40:21	78786.78	394770.70	40.82	Asphalt	10,920	0.99
08/09/2021	15:40:22	78787.01	394770.75	40.86	Asphalt	10,140	0.07
08/09/2021	15:40:23	78787.03	394770.42	40.88	Asphalt	9,660	-0.50
08/09/2021	15:40:24	78786.98	394770.26	40.98	Asphalt	10,560	0.56

SU 7D GWS RESULTS
(ASPHALT)

08/09/2021	15:40:25	78786.89	394770.25	40.95	Asphalt	9,180	-1.07
08/09/2021	15:40:26	78786.60	394770.61	40.98	Asphalt	9,600	-0.57
08/09/2021	15:48:10	78784.28	394770.15	40.63	Asphalt	10,380	0.35
08/09/2021	15:48:11	78784.26	394770.17	40.63	Asphalt	8,280	-2.14
08/09/2021	15:48:12	78784.29	394770.21	40.64	Asphalt	10,500	0.49
08/09/2021	15:48:13	78784.39	394770.40	40.67	Asphalt	11,460	1.63
08/09/2021	15:48:14	78784.48	394770.75	40.71	Asphalt	10,560	0.56
08/09/2021	15:48:15	78784.52	394770.75	40.75	Asphalt	9,420	-0.79
08/09/2021	15:48:16	78784.59	394770.46	40.78	Asphalt	10,200	0.14
08/09/2021	15:48:17	78784.79	394770.58	40.79	Asphalt	10,500	0.49
08/09/2021	15:48:18	78784.91	394770.77	40.81	Asphalt	9,660	-0.50
08/09/2021	15:48:19	78785.00	394770.44	40.77	Asphalt	10,680	0.70
08/09/2021	15:48:20	78785.18	394770.41	40.74	Asphalt	9,420	-0.79
08/09/2021	15:48:21	78785.28	394770.60	40.70	Asphalt	9,000	-1.28
08/09/2021	15:48:22	78785.34	394770.21	40.63	Asphalt	11,160	1.27
08/09/2021	15:48:23	78785.41	394770.03	40.52	Asphalt	9,480	-0.72
08/09/2021	15:48:24	78785.38	394770.44	40.46	Asphalt	9,000	-1.28
08/09/2021	15:48:25	78785.31	394770.52	40.42	Asphalt	8,640	-1.71
08/09/2021	15:48:26	78785.50	394770.16	40.34	Asphalt	8,820	-1.50
08/09/2021	15:48:27	78785.83	394770.03	40.30	Asphalt	9,180	-1.07
08/09/2021	15:48:28	78786.04	394769.94	40.19	Asphalt	9,240	-1.00
08/09/2021	15:48:29	78786.19	394769.67	40.21	Asphalt	9,420	-0.79
08/09/2021	15:48:30	78786.42	394769.47	40.24	Asphalt	9,060	-1.21
08/09/2021	15:48:31	78786.29	394769.39	40.26	Asphalt	10,200	0.14
08/09/2021	15:48:32	78785.90	394769.41	40.19	Asphalt	9,000	-1.28
08/09/2021	15:48:33	78785.52	394769.45	40.24	Asphalt	9,180	-1.07
08/09/2021	15:48:34	78785.40	394769.22	40.07	Asphalt	10,560	0.56
08/09/2021	15:48:35	78785.25	394769.32	40.16	Asphalt	9,000	-1.28
08/09/2021	15:48:36	78784.91	394769.36	40.37	Asphalt	10,920	0.99
08/09/2021	15:48:37	78784.66	394769.28	40.38	Asphalt	9,480	-0.72
08/09/2021	15:48:38	78784.49	394769.41	40.54	Asphalt	10,140	0.07
08/09/2021	15:48:39	78784.24	394769.38	40.59	Asphalt	10,260	0.21
08/09/2021	15:48:40	78784.14	394769.58	40.56	Asphalt	10,320	0.28
08/09/2021	15:48:41	78784.06	394769.91	40.63	Asphalt	10,620	0.63
08/09/2021	15:48:42	78784.06	394770.12	40.64	Asphalt	10,320	0.28
08/09/2021	15:48:43	78783.93	394769.97	40.66	Asphalt	10,680	0.70
08/09/2021	15:48:44	78783.72	394769.69	40.66	Asphalt	9,480	-0.72
08/09/2021	15:48:45	78783.93	394769.55	40.62	Asphalt	10,680	0.70
08/09/2021	15:48:46	78784.14	394769.55	40.49	Asphalt	9,720	-0.43
08/09/2021	15:48:47	78784.00	394769.35	40.48	Asphalt	9,180	-1.07
08/09/2021	15:48:48	78783.93	394769.09	40.47	Asphalt	10,020	-0.08
08/09/2021	15:48:49	78783.93	394769.05	40.48	Asphalt	10,500	0.49
08/09/2021	15:48:50	78783.92	394769.08	40.48	Asphalt	9,120	-1.14
08/09/2021	15:48:51	78783.90	394769.05	40.45	Asphalt	9,600	-0.57
08/09/2021	15:48:52	78783.89	394769.08	40.45	Asphalt	9,240	-1.00
08/09/2021	15:48:53	78783.89	394769.12	40.46	Asphalt	9,960	-0.15
08/09/2021	15:48:54	78783.91	394769.13	40.50	Asphalt	9,780	-0.36
08/09/2021	15:48:55	78783.88	394769.14	40.50	Asphalt	8,880	-1.43
08/09/2021	15:48:56	78783.82	394769.16	40.43	Asphalt	10,620	0.63
08/09/2021	15:48:57	78783.73	394769.20	40.38	Asphalt	10,080	-0.01
08/09/2021	15:48:58	78783.78	394769.21	40.36	Asphalt	9,240	-1.00

SU 7D GWS RESULTS
(ASPHALT)

08/09/2021	15:48:59	78783.97	394769.29	40.38	Asphalt	9,960	-0.15
08/09/2021	15:49:00	78783.84	394769.14	40.41	Asphalt	9,300	-0.93
08/09/2021	15:49:01	78783.81	394768.85	40.43	Asphalt	9,840	-0.29
08/09/2021	15:49:02	78784.05	394768.81	40.43	Asphalt	9,480	-0.72
08/09/2021	15:49:03	78783.94	394768.81	40.45	Asphalt	9,600	-0.57
08/09/2021	15:49:04	78783.75	394768.67	40.47	Asphalt	10,140	0.07
08/09/2021	15:49:05	78783.93	394768.63	40.45	Asphalt	9,060	-1.21
08/09/2021	15:49:06	78783.82	394768.54	40.42	Asphalt	8,460	-1.92
08/09/2021	15:49:07	78783.42	394768.13	40.53	Asphalt	9,000	-1.28
08/09/2021	15:49:08	78783.12	394768.03	40.47	Asphalt	10,020	-0.08
08/09/2021	15:49:09	78783.14	394768.39	40.53	Asphalt	9,480	-0.72
08/09/2021	15:49:10	78783.07	394768.69	40.61	Asphalt	10,200	0.14
08/09/2021	15:49:11	78782.84	394768.75	40.57	Asphalt	9,960	-0.15
08/09/2021	15:49:12	78782.97	394768.91	40.60	Asphalt	9,660	-0.50
08/09/2021	15:49:13	78782.95	394769.02	40.62	Asphalt	10,020	-0.08
08/09/2021	15:49:14	78782.71	394768.99	40.54	Asphalt	10,440	0.42
08/09/2021	15:49:15	78782.85	394769.13	40.57	Asphalt	10,680	0.70
08/09/2021	15:49:16	78782.91	394769.36	40.55	Asphalt	9,840	-0.29
08/09/2021	15:49:17	78782.62	394769.35	40.55	Asphalt	10,380	0.35
08/09/2021	15:49:18	78782.57	394769.39	40.50	Asphalt	8,880	-1.43
08/09/2021	15:49:19	78782.64	394769.62	40.56	Asphalt	8,580	-1.78
08/09/2021	15:49:20	78782.39	394769.70	40.55	Asphalt	9,660	-0.50
08/09/2021	15:49:21	78782.48	394769.58	40.57	Asphalt	11,160	1.27
08/09/2021	15:49:22	78782.78	394769.74	40.54	Asphalt	10,800	0.85
08/09/2021	15:49:23	78782.78	394769.70	40.49	Asphalt	9,420	-0.79
08/09/2021	15:49:24	78782.67	394769.36	40.45	Asphalt	9,900	-0.22
08/09/2021	15:49:25	78782.95	394769.21	40.45	Asphalt	9,180	-1.07
08/09/2021	15:49:26	78783.06	394769.19	40.44	Asphalt	10,620	0.63
08/09/2021	15:49:27	78782.92	394769.00	40.41	Asphalt	8,580	-1.78
08/09/2021	15:49:28	78783.12	394768.82	40.45	Asphalt	9,060	-1.21
08/09/2021	15:49:29	78783.35	394768.83	40.34	Asphalt	9,360	-0.86
08/09/2021	15:49:30	78783.20	394768.64	40.30	Asphalt	9,180	-1.07
08/09/2021	15:49:31	78783.04	394768.33	40.35	Asphalt	10,020	-0.08
08/09/2021	15:49:32	78783.33	394768.27	40.31	Asphalt	10,140	0.07
08/09/2021	15:49:33	78783.37	394768.24	40.36	Asphalt	9,480	-0.72
08/09/2021	15:49:34	78783.18	394768.01	40.37	Asphalt	8,760	-1.57
08/09/2021	15:49:35	78783.29	394767.84	40.40	Asphalt	10,320	0.28
08/09/2021	15:49:36	78783.47	394767.79	40.40	Asphalt	8,940	-1.36
08/09/2021	15:49:37	78783.32	394767.63	40.41	Asphalt	11,220	1.34
08/09/2021	15:49:38	78783.43	394767.40	40.43	Asphalt	8,820	-1.50
08/09/2021	15:49:39	78783.51	394767.32	40.44	Asphalt	8,520	-1.85
08/09/2021	15:49:40	78783.34	394767.19	40.51	Asphalt	9,000	-1.28
08/09/2021	15:49:41	78783.51	394767.05	40.49	Asphalt	9,840	-0.29
08/09/2021	15:49:42	78783.51	394766.95	40.52	Asphalt	9,300	-0.93
08/09/2021	15:49:43	78783.34	394766.83	40.56	Asphalt	8,220	-2.21
08/09/2021	15:49:44	78783.52	394766.73	40.53	Asphalt	10,800	0.85
08/09/2021	15:49:45	78783.43	394766.63	40.53	Asphalt	9,540	-0.64
08/09/2021	15:49:46	78783.30	394766.51	40.59	Asphalt	10,980	1.06
08/09/2021	15:49:47	78783.50	394766.37	40.62	Asphalt	11,520	1.70
08/09/2021	15:49:48	78783.42	394766.22	40.63	Asphalt	10,080	-0.01
08/09/2021	15:49:49	78783.36	394766.11	40.65	Asphalt	10,560	0.56

SU 7D GWS RESULTS
(ASPHALT)

08/09/2021	15:49:50	78783.52	394766.02	40.62	Asphalt	10,680	0.70
08/09/2021	15:49:51	78783.42	394765.92	40.65	Asphalt	10,860	0.92
08/09/2021	15:49:52	78783.52	394765.87	40.69	Asphalt	10,080	-0.01
08/09/2021	15:49:53	78783.61	394765.77	40.66	Asphalt	10,260	0.21
08/09/2021	15:49:54	78783.54	394765.58	40.70	Asphalt	9,600	-0.57
08/09/2021	15:49:55	78783.67	394765.40	40.63	Asphalt	11,580	1.77
08/09/2021	15:49:56	78783.59	394765.18	40.67	Asphalt	10,200	0.14
08/09/2021	15:49:57	78783.69	394765.01	40.62	Asphalt	10,860	0.92
08/09/2021	15:49:58	78783.57	394765.15	40.54	Asphalt	9,480	-0.72
08/09/2021	15:49:59	78783.43	394765.19	40.46	Asphalt	13,740	4.33
08/09/2021	15:50:00	78783.60	394765.26	40.42	Asphalt	10,020	-0.08
08/09/2021	15:50:01	78783.66	394765.34	40.33	Asphalt	12,240	2.55
08/09/2021	15:50:02	78783.64	394765.32	40.37	Asphalt	10,020	-0.08
08/09/2021	15:50:03	78783.47	394765.26	40.28	Asphalt	10,680	0.70
08/09/2021	15:50:04	78783.49	394765.33	40.28	Asphalt	10,920	0.99
08/09/2021	15:50:05	78783.45	394765.56	40.25	Asphalt	10,320	0.28
08/09/2021	15:50:06	78783.37	394765.65	40.19	Asphalt	11,220	1.34
08/09/2021	15:50:07	78783.50	394765.87	40.24	Asphalt	9,840	-0.29
08/09/2021	15:50:08	78783.36	394766.05	40.21	Asphalt	9,720	-0.43
08/09/2021	15:50:09	78783.42	394766.19	40.21	Asphalt	9,600	-0.57
08/09/2021	15:50:10	78783.46	394766.38	40.21	Asphalt	10,140	0.07
08/09/2021	15:50:11	78783.39	394766.57	40.22	Asphalt	10,800	0.85
08/09/2021	15:50:12	78783.48	394766.77	40.20	Asphalt	10,140	0.07
08/09/2021	15:50:13	78783.33	394766.89	40.15	Asphalt	9,240	-1.00
08/09/2021	15:50:14	78783.36	394767.08	40.21	Asphalt	10,140	0.07
08/09/2021	15:50:15	78783.38	394767.29	40.25	Asphalt	9,840	-0.29
08/09/2021	15:50:16	78783.28	394767.47	40.26	Asphalt	11,100	1.20
08/09/2021	15:50:17	78783.35	394767.65	40.25	Asphalt	10,560	0.56
08/09/2021	15:50:18	78783.21	394767.76	40.22	Asphalt	9,540	-0.64
08/09/2021	15:50:19	78783.23	394767.95	40.21	Asphalt	9,660	-0.50
08/09/2021	15:50:20	78783.15	394768.22	40.13	Asphalt	10,200	0.14
08/09/2021	15:50:21	78783.14	394768.45	40.08	Asphalt	10,800	0.85
08/09/2021	15:50:22	78783.21	394768.65	40.08	Asphalt	9,900	-0.22
08/09/2021	15:50:23	78783.13	394768.87	40.01	Asphalt	10,440	0.42
08/09/2021	15:50:24	78783.05	394769.12	40.02	Asphalt	9,720	-0.43
08/09/2021	15:50:25	78782.89	394769.24	39.93	Asphalt	9,180	-1.07
08/09/2021	15:50:26	78782.74	394769.45	40.09	Asphalt	9,840	-0.29
08/09/2021	15:50:27	78782.39	394769.54	40.32	Asphalt	8,760	-1.57
08/09/2021	15:50:28	78782.41	394769.44	40.30	Asphalt	9,000	-1.28
08/09/2021	15:50:29	78782.42	394769.41	40.30	Asphalt	10,080	-0.01
08/09/2021	15:50:30	78782.38	394769.46	40.11	Asphalt	8,820	-1.50
08/09/2021	15:50:31	78782.46	394769.48	40.21	Asphalt	10,380	0.35
08/09/2021	15:50:32	78782.45	394769.48	40.21	Asphalt	10,320	0.28
08/09/2021	15:50:33	78782.38	394769.43	40.20	Asphalt	10,140	0.07
08/09/2021	15:50:34	78782.43	394769.42	40.15	Asphalt	9,840	-0.29
08/09/2021	15:50:35	78782.32	394769.43	40.24	Asphalt	11,700	1.91
08/09/2021	15:50:36	78782.47	394769.34	40.18	Asphalt	9,900	-0.22
08/09/2021	15:50:37	78782.46	394769.23	40.20	Asphalt	10,620	0.63
08/09/2021	15:50:38	78782.44	394769.09	40.22	Asphalt	10,260	0.21
08/09/2021	15:50:39	78782.54	394769.00	40.19	Asphalt	10,020	-0.08
08/09/2021	15:50:40	78782.45	394768.90	40.27	Asphalt	10,320	0.28

SU 7D GWS RESULTS
(ASPHALT)

08/09/2021	15:50:41	78782.61	394768.77	40.20	Asphalt	10,560	0.56
08/09/2021	15:50:42	78782.60	394768.65	40.27	Asphalt	10,740	0.78
08/09/2021	15:50:43	78782.68	394768.52	40.22	Asphalt	10,680	0.70
08/09/2021	15:50:44	78782.68	394768.31	40.26	Asphalt	9,600	-0.57
08/09/2021	15:50:45	78782.66	394768.13	40.26	Asphalt	10,740	0.78
08/09/2021	15:50:46	78782.67	394768.04	40.25	Asphalt	9,240	-1.00
08/09/2021	15:50:47	78782.58	394767.87	40.33	Asphalt	9,960	-0.15
08/09/2021	15:50:48	78782.67	394767.76	40.26	Asphalt	8,460	-1.92
08/09/2021	15:50:49	78782.57	394767.63	40.31	Asphalt	10,680	0.70
08/09/2021	15:50:50	78782.62	394767.39	40.24	Asphalt	9,960	-0.15
08/09/2021	15:50:51	78782.64	394767.23	40.27	Asphalt	8,940	-1.36
08/09/2021	15:50:52	78782.67	394767.12	40.22	Asphalt	9,300	-0.93
08/09/2021	15:50:53	78782.66	394766.93	40.20	Asphalt	10,260	0.21
08/09/2021	15:50:54	78782.70	394766.62	40.19	Asphalt	10,320	0.28
08/09/2021	15:50:55	78782.75	394766.41	40.17	Asphalt	10,080	-0.01
08/09/2021	15:50:56	78782.72	394766.23	40.18	Asphalt	9,960	-0.15
08/09/2021	15:50:57	78782.83	394766.07	40.14	Asphalt	10,740	0.78
08/09/2021	15:50:58	78782.76	394765.93	40.18	Asphalt	10,980	1.06
08/09/2021	15:50:59	78782.82	394765.79	40.11	Asphalt	11,580	1.77
08/09/2021	15:51:00	78782.79	394765.64	40.14	Asphalt	11,520	1.70
08/09/2021	15:51:01	78782.85	394765.41	40.11	Asphalt	9,480	-0.72
08/09/2021	15:51:02	78782.90	394765.33	40.11	Asphalt	10,560	0.56
08/09/2021	15:51:03	78782.83	394765.18	40.11	Asphalt	9,660	-0.50
08/09/2021	15:51:04	78782.88	394765.03	40.07	Asphalt	11,460	1.63
08/09/2021	15:51:05	78782.81	394764.82	40.11	Asphalt	10,920	0.99
08/09/2021	15:51:06	78782.91	394764.65	40.09	Asphalt	11,400	1.56
08/09/2021	15:51:07	78783.00	394764.81	40.05	Asphalt	10,740	0.78
08/09/2021	15:51:08	78782.87	394764.83	39.98	Asphalt	11,280	1.41
08/09/2021	15:51:09	78782.83	394764.90	39.91	Asphalt	9,960	-0.15
08/09/2021	15:51:10	78782.90	394765.10	39.94	Asphalt	9,720	-0.43
08/09/2021	15:51:11	78782.79	394765.15	39.82	Asphalt	9,480	-0.72
08/09/2021	15:51:12	78782.83	394765.33	39.87	Asphalt	11,400	1.56
08/09/2021	15:51:13	78782.73	394765.55	39.79	Asphalt	10,560	0.56
08/09/2021	15:51:14	78782.77	394765.67	39.77	Asphalt	9,420	-0.79
08/09/2021	15:51:15	78782.83	394765.79	39.72	Asphalt	10,020	-0.08
08/09/2021	15:51:16	78782.79	394765.78	39.70	Asphalt	9,480	-0.72
08/09/2021	15:51:17	78782.80	394765.73	39.69	Asphalt	10,740	0.78
08/09/2021	15:51:18	78782.80	394765.76	39.67	Asphalt	9,840	-0.29
08/09/2021	15:51:19	78782.80	394765.75	39.64	Asphalt	10,260	0.21
08/09/2021	15:51:20	78782.80	394765.76	39.62	Asphalt	10,620	0.63
08/09/2021	15:51:21	78782.78	394765.79	39.57	Asphalt	10,080	-0.01
08/09/2021	15:51:22	78782.78	394765.77	39.56	Asphalt	9,420	-0.79
08/09/2021	15:51:23	78782.78	394765.75	39.54	Asphalt	9,060	-1.21
08/09/2021	15:51:24	78782.77	394765.74	39.52	Asphalt	9,420	-0.79
08/09/2021	15:51:25	78782.77	394765.74	39.49	Asphalt	8,940	-1.36
08/09/2021	15:51:26	78782.77	394765.75	39.45	Asphalt	11,100	1.20
08/09/2021	15:51:27	78782.77	394765.75	39.39	Asphalt	9,960	-0.15
08/09/2021	15:51:28	78782.76	394765.75	39.39	Asphalt	9,840	-0.29
08/09/2021	15:51:29	78782.59	394765.71	39.40	Asphalt	9,420	-0.79
08/09/2021	15:51:30	78782.56	394765.79	39.34	Asphalt	10,980	1.06
08/09/2021	15:51:31	78782.71	394766.03	39.48	Asphalt	9,600	-0.57

SU 7D GWS RESULTS
(ASPHALT)

08/09/2021	15:51:32	78782.54	394766.13	39.42	Asphalt	11,760	1.98
08/09/2021	15:51:33	78782.59	394766.22	39.43	Asphalt	9,300	-0.93
08/09/2021	15:51:34	78782.58	394766.45	39.47	Asphalt	9,900	-0.22
08/09/2021	15:51:35	78782.46	394766.53	39.47	Asphalt	9,960	-0.15
08/09/2021	15:51:36	78782.63	394766.72	39.55	Asphalt	9,360	-0.86
08/09/2021	15:51:37	78782.56	394766.89	39.60	Asphalt	9,120	-1.14
08/09/2021	15:51:38	78782.49	394767.01	39.46	Asphalt	10,080	-0.01
08/09/2021	15:51:39	78782.59	394767.24	39.56	Asphalt	10,140	0.07
08/09/2021	15:51:40	78782.44	394767.39	39.44	Asphalt	9,060	-1.21
08/09/2021	15:51:41	78782.47	394767.54	39.55	Asphalt	9,840	-0.29
08/09/2021	15:51:42	78782.39	394767.77	39.58	Asphalt	10,620	0.63
08/09/2021	15:51:43	78782.22	394767.76	39.66	Asphalt	10,440	0.42
08/09/2021	15:51:44	78782.22	394767.73	39.49	Asphalt	9,840	-0.29
08/09/2021	15:51:45	78782.38	394767.81	39.44	Asphalt	9,420	-0.79
08/09/2021	15:51:46	78782.46	394767.90	39.47	Asphalt	10,800	0.85
08/09/2021	15:51:47	78782.33	394767.94	39.40	Asphalt	9,840	-0.29
08/09/2021	15:51:48	78782.40	394768.13	39.48	Asphalt	9,360	-0.86
08/09/2021	15:51:49	78782.29	394768.40	39.41	Asphalt	9,900	-0.22
08/09/2021	15:51:50	78782.35	394768.56	39.41	Asphalt	10,560	0.56
08/09/2021	15:51:51	78782.38	394768.91	39.40	Asphalt	9,180	-1.07
08/09/2021	15:51:52	78782.41	394769.24	39.37	Asphalt	9,000	-1.28
08/09/2021	15:51:53	78782.50	394769.38	39.35	Asphalt	9,240	-1.00
08/09/2021	15:51:54	78782.46	394769.46	39.35	Asphalt	9,660	-0.50
08/09/2021	15:51:55	78782.68	394769.58	39.45	Asphalt	9,960	-0.15
08/09/2021	15:51:56	78782.97	394769.57	39.40	Asphalt	9,600	-0.57
08/09/2021	15:51:57	78783.09	394769.37	39.39	Asphalt	9,240	-1.00
08/09/2021	15:51:58	78783.13	394769.24	39.40	Asphalt	9,360	-0.86
08/09/2021	15:51:59	78783.10	394769.21	39.42	Asphalt	9,120	-1.14
08/09/2021	15:52:00	78783.08	394769.19	39.43	Asphalt	10,140	0.07
08/09/2021	15:52:01	78783.10	394769.21	39.44	Asphalt	8,580	-1.78
08/09/2021	15:52:02	78783.09	394769.22	39.45	Asphalt	9,540	-0.64
08/09/2021	15:52:03	78783.08	394769.22	39.45	Asphalt	10,860	0.92
08/09/2021	15:52:04	78783.08	394769.23	39.46	Asphalt	8,760	-1.57
08/09/2021	15:52:05	78783.08	394769.23	39.47	Asphalt	9,600	-0.57
08/09/2021	15:52:06	78783.09	394769.24	39.48	Asphalt	11,340	1.49
08/09/2021	15:52:07	78783.09	394769.24	39.49	Asphalt	9,780	-0.36
08/09/2021	15:52:08	78783.11	394769.25	39.50	Asphalt	10,080	-0.01
08/09/2021	15:52:09	78783.12	394769.26	39.50	Asphalt	9,420	-0.79
08/09/2021	15:52:10	78783.13	394769.26	39.51	Asphalt	10,080	-0.01
08/09/2021	15:52:11	78783.14	394769.27	39.51	Asphalt	9,180	-1.07
08/09/2021	15:52:12	78783.16	394769.27	39.51	Asphalt	8,400	-1.99
08/09/2021	15:52:13	78783.18	394769.27	39.51	Asphalt	8,940	-1.36
08/09/2021	15:52:14	78783.20	394769.28	39.50	Asphalt	10,020	-0.08
08/09/2021	15:52:15	78783.21	394769.29	39.50	Asphalt	10,140	0.07
08/09/2021	15:52:16	78783.23	394769.29	39.49	Asphalt	9,720	-0.43
08/09/2021	15:52:17	78783.25	394769.28	39.58	Asphalt	9,000	-1.28
08/09/2021	15:52:18	78783.40	394769.20	39.53	Asphalt	9,000	-1.28
08/09/2021	15:52:19	78783.44	394768.90	39.59	Asphalt	9,960	-0.15
08/09/2021	15:52:20	78783.41	394768.66	39.50	Asphalt	10,980	1.06
08/09/2021	15:52:21	78783.35	394768.49	39.59	Asphalt	10,920	0.99
08/09/2021	15:52:22	78783.20	394768.09	39.55	Asphalt	8,700	-1.64

SU 7D GWS RESULTS
(ASPHALT)

08/09/2021	15:52:23	78783.32	394767.86	39.56	Asphalt	9,420	-0.79
08/09/2021	15:52:24	78783.46	394767.89	39.50	Asphalt	10,020	-0.08
08/09/2021	15:52:25	78783.38	394767.81	39.57	Asphalt	8,940	-1.36
08/09/2021	15:52:26	78783.45	394767.58	39.60	Asphalt	10,800	0.85
08/09/2021	15:52:27	78783.28	394767.36	39.59	Asphalt	10,440	0.42
08/09/2021	15:52:28	78783.05	394767.22	39.65	Asphalt	9,480	-0.72
08/09/2021	15:52:29	78783.15	394767.08	39.61	Asphalt	10,620	0.63
08/09/2021	15:52:30	78783.07	394766.91	39.69	Asphalt	10,020	-0.08
08/09/2021	15:52:31	78783.07	394766.78	39.62	Asphalt	9,540	-0.64
08/09/2021	15:52:32	78783.06	394766.63	39.68	Asphalt	10,740	0.78
08/09/2021	15:52:33	78783.17	394766.43	39.64	Asphalt	10,560	0.56
08/09/2021	15:52:34	78783.21	394766.27	39.64	Asphalt	10,680	0.70
08/09/2021	15:52:35	78783.20	394766.09	39.63	Asphalt	9,900	-0.22
08/09/2021	15:52:36	78783.24	394765.89	39.67	Asphalt	9,960	-0.15
08/09/2021	15:52:37	78783.21	394765.71	39.69	Asphalt	11,760	1.98
08/09/2021	15:52:38	78783.23	394765.53	39.67	Asphalt	10,020	-0.08
08/09/2021	15:52:39	78783.25	394765.30	39.72	Asphalt	10,260	0.21
08/09/2021	15:52:40	78783.34	394765.04	39.67	Asphalt	9,960	-0.15
08/09/2021	15:52:41	78783.30	394764.79	39.79	Asphalt	12,060	2.34
08/09/2021	15:52:42	78783.27	394764.54	39.81	Asphalt	10,500	0.49
08/09/2021	15:52:43	78783.13	394764.60	39.77	Asphalt	10,440	0.42
08/09/2021	15:52:44	78782.99	394764.95	39.83	Asphalt	10,200	0.14
08/09/2021	15:52:45	78782.80	394765.15	39.72	Asphalt	9,360	-0.86
08/09/2021	15:52:46	78782.81	394765.28	39.76	Asphalt	10,680	0.70
08/09/2021	15:52:47	78782.85	394765.57	39.82	Asphalt	10,320	0.28
08/09/2021	15:52:48	78782.69	394765.81	39.78	Asphalt	8,940	-1.36
08/09/2021	15:52:49	78782.69	394765.94	39.85	Asphalt	8,760	-1.57
08/09/2021	15:52:50	78782.71	394766.06	39.80	Asphalt	9,540	-0.64
08/09/2021	15:52:51	78782.76	394766.19	39.87	Asphalt	10,500	0.49
08/09/2021	15:52:52	78782.74	394766.38	39.84	Asphalt	9,300	-0.93
08/09/2021	15:52:53	78782.74	394766.56	39.85	Asphalt	9,960	-0.15
08/09/2021	15:52:54	78782.64	394766.64	39.80	Asphalt	9,360	-0.86
08/09/2021	15:52:55	78782.65	394766.75	39.83	Asphalt	9,120	-1.14
08/09/2021	15:52:56	78782.63	394766.98	39.89	Asphalt	9,360	-0.86
08/09/2021	15:52:57	78782.47	394767.22	39.89	Asphalt	10,560	0.56
08/09/2021	15:52:58	78782.47	394767.41	39.93	Asphalt	10,500	0.49
08/09/2021	15:52:59	78782.47	394767.59	39.93	Asphalt	12,120	2.41
08/09/2021	15:53:00	78782.50	394767.93	39.96	Asphalt	10,320	0.28
08/09/2021	15:53:01	78782.55	394768.35	39.91	Asphalt	9,900	-0.22
08/09/2021	15:53:02	78782.62	394768.57	39.95	Asphalt	9,780	-0.36
08/09/2021	15:53:03	78782.51	394768.86	40.20	Asphalt	9,360	-0.86
08/09/2021	15:53:04	78782.45	394769.14	40.31	Asphalt	8,640	-1.71
08/09/2021	15:53:05	78782.65	394769.34	40.24	Asphalt	9,540	-0.64
08/09/2021	15:53:06	78782.83	394769.60	40.15	Asphalt	9,060	-1.21
08/09/2021	15:53:07	78783.11	394769.73	40.05	Asphalt	10,260	0.21
08/09/2021	15:53:08	78783.23	394769.73	39.98	Asphalt	10,260	0.21
08/09/2021	15:53:09	78783.08	394769.73	39.95	Asphalt	9,000	-1.28
08/09/2021	15:53:10	78782.96	394769.67	39.91	Asphalt	9,120	-1.14
08/09/2021	15:53:11	78782.90	394769.62	39.91	Asphalt	9,360	-0.86
08/09/2021	15:53:12	78782.92	394769.63	39.88	Asphalt	11,040	1.13
08/09/2021	15:53:13	78782.96	394769.64	39.90	Asphalt	10,920	0.99

SU 7D GWS RESULTS
(ASPHALT)

08/09/2021	15:53:14	78782.96	394769.66	39.90	Asphalt	9,300	-0.93
08/09/2021	15:53:15	78782.96	394769.67	39.93	Asphalt	8,340	-2.07
08/09/2021	15:53:16	78783.01	394769.66	40.90	Asphalt	9,780	-0.36
08/09/2021	15:53:17	78783.14	394769.53	41.02	Asphalt	10,560	0.56
08/09/2021	15:53:18	78783.26	394769.35	41.09	Asphalt	9,600	-0.57
08/09/2021	15:53:19	78783.27	394769.28	41.16	Asphalt	9,720	-0.43
08/09/2021	15:53:20	78783.24	394769.33	41.20	Asphalt	9,180	-1.07
08/09/2021	15:53:21	78783.24	394769.39	41.18	Asphalt	9,300	-0.93
08/09/2021	15:53:22	78783.28	394769.40	41.15	Asphalt	9,720	-0.43
08/09/2021	15:53:23	78783.32	394769.41	40.93	Asphalt	8,880	-1.43
08/09/2021	15:53:24	78783.32	394769.40	40.65	Asphalt	10,680	0.70
08/09/2021	15:53:25	78783.27	394769.36	40.66	Asphalt	10,620	0.63
08/09/2021	15:53:26	78783.21	394769.33	40.52	Asphalt	10,800	0.85
08/09/2021	15:53:27	78783.19	394769.35	40.43	Asphalt	10,800	0.85
08/09/2021	15:53:28	78783.11	394769.49	40.37	Asphalt	9,360	-0.86
08/09/2021	15:53:29	78782.97	394769.52	40.41	Asphalt	10,200	0.14
08/09/2021	15:53:30	78782.96	394769.49	40.41	Asphalt	8,520	-1.85
08/09/2021	15:53:31	78783.03	394769.54	40.46	Asphalt	10,260	0.21
08/09/2021	15:53:32	78783.05	394769.54	40.47	Asphalt	8,880	-1.43
08/09/2021	15:53:33	78783.05	394769.49	40.46	Asphalt	9,900	-0.22
08/09/2021	15:53:34	78783.04	394769.51	40.47	Asphalt	10,080	-0.01
08/09/2021	15:53:35	78783.03	394769.55	40.46	Asphalt	8,520	-1.85
08/09/2021	15:53:36	78783.02	394769.57	40.47	Asphalt	10,080	-0.01
08/09/2021	15:53:37	78783.02	394769.56	40.38	Asphalt	9,900	-0.22
08/09/2021	15:53:38	78783.00	394769.52	40.33	Asphalt	9,600	-0.57
08/09/2021	15:56:15	78783.57	394768.84	41.09	Asphalt	9,360	-0.86
08/09/2021	15:56:16	78783.54	394768.87	41.05	Asphalt	10,980	1.06
08/09/2021	15:56:17	78783.44	394768.92	41.12	Asphalt	9,420	-0.79
08/09/2021	15:56:18	78783.21	394768.92	41.13	Asphalt	9,660	-0.50
08/09/2021	15:56:19	78783.11	394768.82	41.06	Asphalt	10,140	0.07
08/09/2021	15:56:20	78783.46	394768.69	41.15	Asphalt	8,760	-1.57
08/09/2021	15:56:21	78783.55	394768.52	41.10	Asphalt	10,680	0.70
08/09/2021	15:56:22	78783.53	394768.38	41.08	Asphalt	11,100	1.20
08/09/2021	15:56:23	78783.75	394768.35	41.12	Asphalt	9,840	-0.29
08/09/2021	15:56:24	78783.80	394768.36	41.03	Asphalt	8,640	-1.71
08/09/2021	15:56:25	78783.84	394768.31	41.15	Asphalt	10,140	0.07
08/09/2021	15:56:26	78783.92	394768.04	41.18	Asphalt	9,180	-1.07
08/09/2021	15:56:27	78784.11	394767.79	41.17	Asphalt	9,720	-0.43
08/09/2021	15:56:28	78784.10	394767.65	41.18	Asphalt	10,140	0.07
08/09/2021	15:56:29	78783.69	394767.62	41.15	Asphalt	10,080	-0.01
08/09/2021	15:56:30	78783.68	394767.64	41.11	Asphalt	10,200	0.14
08/09/2021	15:56:31	78783.91	394767.33	41.10	Asphalt	9,480	-0.72
08/09/2021	15:56:32	78784.05	394767.03	41.13	Asphalt	10,260	0.21
08/09/2021	15:56:33	78784.35	394767.05	41.13	Asphalt	12,360	2.69
08/09/2021	15:56:34	78784.27	394767.14	41.10	Asphalt	10,680	0.70
08/09/2021	15:56:35	78783.83	394767.21	41.08	Asphalt	11,220	1.34
08/09/2021	15:56:36	78783.78	394767.22	41.05	Asphalt	10,620	0.63
08/09/2021	15:56:37	78783.91	394766.96	41.14	Asphalt	9,420	-0.79
08/09/2021	15:56:38	78783.84	394766.66	41.09	Asphalt	9,780	-0.36
08/09/2021	15:56:39	78783.87	394766.40	41.10	Asphalt	11,100	1.20
08/09/2021	15:56:40	78783.89	394766.29	41.08	Asphalt	9,780	-0.36

SU 7D GWS RESULTS
(ASPHALT)

08/09/2021	15:56:41	78783.72	394766.23	40.99	Asphalt	10,860	0.92
08/09/2021	15:56:42	78783.74	394766.07	41.05	Asphalt	9,600	-0.57
08/09/2021	15:56:43	78783.73	394765.72	41.02	Asphalt	9,780	-0.36
08/09/2021	15:56:44	78783.87	394765.41	40.99	Asphalt	10,740	0.78
08/09/2021	15:56:45	78783.84	394765.27	40.87	Asphalt	10,980	1.06
08/09/2021	15:56:46	78783.55	394765.22	40.90	Asphalt	11,400	1.56
08/09/2021	15:56:47	78783.49	394765.06	40.96	Asphalt	10,320	0.28
08/09/2021	15:56:48	78783.27	394764.92	40.94	Asphalt	10,260	0.21
08/09/2021	15:56:49	78783.22	394765.26	41.04	Asphalt	10,200	0.14
08/09/2021	15:56:50	78783.50	394765.47	41.11	Asphalt	10,680	0.70
08/09/2021	15:56:51	78783.61	394765.34	41.11	Asphalt	10,500	0.49
08/09/2021	15:56:52	78783.53	394765.60	41.12	Asphalt	9,840	-0.29
08/09/2021	15:56:53	78783.31	394765.88	41.16	Asphalt	10,860	0.92
08/09/2021	15:56:54	78783.03	394766.01	41.23	Asphalt	10,020	-0.08
08/09/2021	15:56:55	78783.26	394766.21	41.17	Asphalt	9,840	-0.29
08/09/2021	15:56:56	78783.35	394766.29	41.17	Asphalt	10,740	0.78
08/09/2021	15:56:57	78783.33	394766.34	41.21	Asphalt	9,240	-1.00
08/09/2021	15:56:58	78783.50	394766.47	41.18	Asphalt	9,000	-1.28
08/09/2021	15:56:59	78783.39	394766.57	41.23	Asphalt	10,560	0.56
08/09/2021	15:57:00	78783.34	394766.62	41.22	Asphalt	10,440	0.42
08/09/2021	15:57:01	78783.50	394766.71	41.15	Asphalt	11,280	1.41
08/09/2021	15:57:02	78783.31	394766.81	41.25	Asphalt	8,940	-1.36
08/09/2021	15:57:03	78783.26	394766.99	41.18	Asphalt	9,120	-1.14
08/09/2021	15:57:04	78783.32	394767.16	41.17	Asphalt	9,840	-0.29
08/09/2021	15:57:05	78783.16	394767.27	41.25	Asphalt	9,120	-1.14
08/09/2021	15:57:06	78783.33	394767.35	41.16	Asphalt	8,940	-1.36
08/09/2021	15:57:07	78783.34	394767.43	41.17	Asphalt	9,360	-0.86
08/09/2021	15:57:08	78783.21	394767.56	41.22	Asphalt	9,660	-0.50
08/09/2021	15:57:09	78783.41	394767.73	41.18	Asphalt	11,460	1.63
08/09/2021	15:57:10	78783.26	394767.88	41.24	Asphalt	12,540	2.91
08/09/2021	15:57:11	78783.18	394768.00	41.21	Asphalt	9,780	-0.36
08/09/2021	15:57:12	78783.38	394768.00	41.16	Asphalt	9,840	-0.29
08/09/2021	15:57:13	78783.28	394768.06	41.23	Asphalt	10,140	0.07
08/09/2021	15:57:14	78783.38	394768.32	41.14	Asphalt	9,600	-0.57
08/09/2021	15:57:15	78783.35	394768.55	41.14	Asphalt	9,600	-0.57
08/09/2021	15:57:16	78783.10	394768.63	41.19	Asphalt	10,320	0.28
08/09/2021	15:57:17	78783.28	394768.70	41.12	Asphalt	9,480	-0.72
08/09/2021	15:57:18	78783.33	394768.82	41.14	Asphalt	8,880	-1.43
08/09/2021	15:57:19	78783.20	394768.99	41.14	Asphalt	8,700	-1.64
08/09/2021	15:57:20	78783.24	394769.21	41.08	Asphalt	9,900	-0.22
08/09/2021	15:57:21	78783.12	394769.43	41.09	Asphalt	9,660	-0.50
08/09/2021	15:57:22	78782.93	394769.72	41.05	Asphalt	10,200	0.14
08/09/2021	15:57:23	78782.55	394769.85	41.09	Asphalt	9,960	-0.15
08/09/2021	15:57:24	78782.24	394769.62	41.10	Asphalt	10,140	0.07
08/09/2021	15:57:25	78782.36	394769.21	41.19	Asphalt	11,040	1.13
08/09/2021	15:57:26	78782.36	394768.92	41.14	Asphalt	10,320	0.28
08/09/2021	15:57:27	78782.24	394768.86	41.18	Asphalt	9,600	-0.57
08/09/2021	15:57:28	78782.34	394768.80	41.20	Asphalt	9,540	-0.64
08/09/2021	15:57:29	78782.29	394768.62	41.17	Asphalt	11,160	1.27
08/09/2021	15:57:30	78782.48	394768.48	41.18	Asphalt	9,480	-0.72
08/09/2021	15:57:31	78782.54	394768.39	41.20	Asphalt	9,780	-0.36

SU 7D GWS RESULTS
(ASPHALT)

08/09/2021	15:57:32	78782.27	394768.30	41.18	Asphalt	10,380	0.35
08/09/2021	15:57:33	78782.43	394768.22	41.22	Asphalt	9,960	-0.15
08/09/2021	15:57:34	78782.55	394768.06	41.20	Asphalt	11,760	1.98
08/09/2021	15:57:35	78782.53	394767.92	41.18	Asphalt	8,160	-2.28
08/09/2021	15:57:36	78782.70	394767.86	41.28	Asphalt	9,960	-0.15
08/09/2021	15:57:37	78782.66	394767.80	41.18	Asphalt	8,640	-1.71
08/09/2021	15:57:38	78782.76	394767.68	41.25	Asphalt	10,140	0.07
08/09/2021	15:57:39	78783.05	394767.59	41.22	Asphalt	9,900	-0.22
08/09/2021	15:57:40	78783.24	394767.51	41.27	Asphalt	9,780	-0.36
08/09/2021	15:57:41	78783.34	394767.46	41.20	Asphalt	9,900	-0.22
08/09/2021	15:57:42	78783.27	394767.48	41.32	Asphalt	9,720	-0.43
08/09/2021	15:57:43	78783.14	394767.63	41.30	Asphalt	9,780	-0.36
08/09/2021	15:57:44	78782.88	394767.87	41.22	Asphalt	8,940	-1.36
08/09/2021	15:57:45	78782.94	394768.06	41.23	Asphalt	9,780	-0.36
08/09/2021	15:57:46	78782.89	394768.06	41.22	Asphalt	8,820	-1.50
08/09/2021	15:57:47	78782.92	394768.03	41.20	Asphalt	9,900	-0.22
08/09/2021	15:57:48	78783.02	394768.12	41.17	Asphalt	12,000	2.27
08/09/2021	15:57:49	78782.90	394768.24	41.17	Asphalt	9,900	-0.22
08/09/2021	15:57:50	78782.87	394768.28	41.15	Asphalt	8,940	-1.36
08/09/2021	15:57:51	78783.04	394768.31	41.19	Asphalt	9,720	-0.43
08/09/2021	15:57:52	78782.87	394768.46	41.11	Asphalt	9,420	-0.79
08/09/2021	15:57:53	78782.70	394768.60	41.14	Asphalt	9,660	-0.50
08/09/2021	15:57:54	78782.83	394768.62	41.13	Asphalt	10,200	0.14
08/09/2021	15:57:55	78782.95	394768.55	41.14	Asphalt	9,960	-0.15
08/09/2021	15:57:56	78783.13	394768.50	41.17	Asphalt	9,480	-0.72
08/09/2021	15:57:57	78782.92	394768.49	41.17	Asphalt	9,060	-1.21
08/09/2021	15:57:58	78782.80	394768.41	41.24	Asphalt	9,480	-0.72
08/09/2021	15:57:59	78782.80	394768.26	41.21	Asphalt	10,440	0.42
08/09/2021	15:58:00	78782.88	394768.08	41.22	Asphalt	10,800	0.85
08/09/2021	15:58:01	78783.01	394767.89	41.27	Asphalt	10,560	0.56
08/09/2021	15:58:02	78782.87	394767.78	41.25	Asphalt	9,780	-0.36
08/09/2021	15:58:03	78782.95	394767.63	41.33	Asphalt	9,300	-0.93
08/09/2021	15:58:04	78783.02	394767.36	41.33	Asphalt	10,800	0.85
08/09/2021	15:58:05	78783.13	394767.11	41.32	Asphalt	10,380	0.35
08/09/2021	15:58:06	78783.22	394766.97	41.35	Asphalt	9,600	-0.57
08/09/2021	15:58:07	78782.90	394766.89	41.33	Asphalt	8,520	-1.85
08/09/2021	15:58:08	78782.95	394766.82	41.33	Asphalt	11,220	1.34
08/09/2021	15:58:09	78783.07	394766.62	41.32	Asphalt	10,140	0.07
08/09/2021	15:58:10	78783.06	394766.35	41.31	Asphalt	11,100	1.20
08/09/2021	15:58:11	78783.17	394766.15	41.35	Asphalt	9,420	-0.79
08/09/2021	15:58:12	78783.01	394766.07	41.34	Asphalt	10,080	-0.01
08/09/2021	15:58:13	78782.90	394765.94	41.37	Asphalt	10,680	0.70
08/09/2021	15:58:14	78782.98	394765.69	41.34	Asphalt	11,880	2.12
08/09/2021	15:58:15	78782.91	394765.44	41.36	Asphalt	9,960	-0.15
08/09/2021	15:58:16	78782.99	394765.18	41.60	Asphalt	11,100	1.20
08/09/2021	15:58:17	78782.74	394765.01	41.52	Asphalt	10,980	1.06
08/09/2021	15:58:18	78782.54	394764.98	41.45	Asphalt	9,900	-0.22
08/09/2021	15:58:39	78782.96	394764.78	41.22	Asphalt	10,020	-0.08
08/09/2021	15:58:40	78782.95	394764.82	41.20	Asphalt	9,540	-0.64
08/09/2021	15:58:41	78782.92	394764.87	41.18	Asphalt	11,100	1.20
08/09/2021	15:58:42	78782.85	394764.90	41.11	Asphalt	11,340	1.49

SU 7D GWS RESULTS
(ASPHALT)

08/09/2021	15:58:43	78782.72	394764.88	41.20	Asphalt	10,920	0.99
08/09/2021	15:58:44	78782.75	394764.99	41.14	Asphalt	9,360	-0.86
08/09/2021	15:58:45	78782.83	394765.18	41.18	Asphalt	12,240	2.55
08/09/2021	15:58:46	78782.54	394765.26	41.16	Asphalt	10,380	0.35
08/09/2021	15:58:47	78782.57	394765.38	41.14	Asphalt	9,000	-1.28
08/09/2021	15:58:48	78782.81	394765.57	41.15	Asphalt	10,320	0.28
08/09/2021	15:58:49	78782.58	394765.63	41.13	Asphalt	11,640	1.84
08/09/2021	15:58:50	78782.44	394765.68	41.15	Asphalt	10,860	0.92
08/09/2021	15:58:51	78782.69	394765.83	41.15	Asphalt	8,820	-1.50
08/09/2021	15:58:52	78782.50	394765.91	41.10	Asphalt	10,980	1.06
08/09/2021	15:58:53	78782.35	394765.92	41.12	Asphalt	10,200	0.14
08/09/2021	15:58:54	78782.66	394766.04	41.06	Asphalt	9,960	-0.15
08/09/2021	15:58:55	78782.58	394766.12	41.05	Asphalt	9,900	-0.22
08/09/2021	15:58:56	78782.48	394766.11	41.09	Asphalt	9,600	-0.57
08/09/2021	15:58:57	78782.77	394766.16	41.04	Asphalt	10,080	-0.01
08/09/2021	15:58:58	78782.72	394766.25	41.11	Asphalt	11,940	2.20
08/09/2021	15:58:59	78782.58	394766.39	41.11	Asphalt	10,740	0.78
08/09/2021	15:59:00	78782.71	394766.60	41.06	Asphalt	8,760	-1.57
08/09/2021	15:59:01	78782.52	394766.69	41.11	Asphalt	10,740	0.78
08/09/2021	15:59:02	78782.53	394766.73	41.09	Asphalt	9,480	-0.72
08/09/2021	15:59:03	78782.75	394766.79	41.13	Asphalt	9,900	-0.22
08/09/2021	15:59:04	78782.59	394766.83	41.15	Asphalt	9,240	-1.00
08/09/2021	15:59:05	78782.56	394766.99	41.17	Asphalt	10,260	0.21
08/09/2021	15:59:06	78782.73	394767.21	41.12	Asphalt	9,840	-0.29
08/09/2021	15:59:07	78782.57	394767.35	41.15	Asphalt	10,140	0.07
08/09/2021	15:59:08	78782.48	394767.40	41.15	Asphalt	9,360	-0.86
08/09/2021	15:59:09	78782.69	394767.51	41.13	Asphalt	10,740	0.78
08/09/2021	15:59:10	78782.58	394767.61	41.20	Asphalt	8,700	-1.64
08/09/2021	15:59:11	78782.61	394767.78	41.15	Asphalt	10,680	0.70
08/09/2021	15:59:12	78782.72	394767.98	41.12	Asphalt	9,720	-0.43
08/09/2021	15:59:13	78782.50	394768.05	41.16	Asphalt	11,340	1.49
08/09/2021	15:59:14	78782.53	394768.06	41.15	Asphalt	9,000	-1.28
08/09/2021	15:59:15	78782.62	394768.08	41.21	Asphalt	9,720	-0.43
08/09/2021	15:59:16	78782.39	394768.29	41.17	Asphalt	9,960	-0.15
08/09/2021	15:59:17	78782.40	394768.56	41.15	Asphalt	9,060	-1.21
08/09/2021	15:59:18	78782.38	394768.64	41.08	Asphalt	9,000	-1.28
08/09/2021	15:59:19	78782.32	394768.74	41.12	Asphalt	9,780	-0.36
08/09/2021	15:59:20	78782.55	394768.77	41.07	Asphalt	10,380	0.35
08/09/2021	15:59:21	78782.54	394768.84	41.06	Asphalt	10,860	0.92
08/09/2021	15:59:22	78782.37	394769.15	41.04	Asphalt	10,320	0.28
08/09/2021	15:59:23	78782.36	394769.47	41.10	Asphalt	10,500	0.49
08/09/2021	15:59:24	78782.17	394769.67	41.09	Asphalt	10,620	0.63
08/09/2021	16:00:04	78782.03	394769.08	40.72	Asphalt	9,840	-0.29
08/09/2021	16:00:05	78782.05	394769.04	40.78	Asphalt	9,120	-1.14
08/09/2021	16:00:06	78781.83	394769.19	40.77	Asphalt	9,660	-0.50
08/09/2021	16:00:07	78781.88	394769.37	40.80	Asphalt	10,380	0.35
08/09/2021	16:00:08	78782.31	394769.43	40.85	Asphalt	10,500	0.49
08/09/2021	16:00:09	78782.30	394769.39	40.83	Asphalt	10,920	0.99
08/09/2021	16:00:10	78781.99	394769.27	40.85	Asphalt	10,380	0.35
08/09/2021	16:00:11	78782.29	394769.23	40.84	Asphalt	9,300	-0.93
08/09/2021	16:00:12	78782.46	394769.11	40.81	Asphalt	11,460	1.63

SU 7D GWS RESULTS
(ASPHALT)

08/09/2021	16:00:13	78782.35	394768.96	40.81	Asphalt	10,440	0.42
08/09/2021	16:00:14	78782.46	394768.90	40.82	Asphalt	9,720	-0.43
08/09/2021	16:00:15	78782.35	394768.82	40.80	Asphalt	9,840	-0.29
08/09/2021	16:00:16	78782.02	394768.66	40.84	Asphalt	10,020	-0.08
08/09/2021	16:00:17	78782.22	394768.56	40.85	Asphalt	10,440	0.42
08/09/2021	16:00:18	78782.42	394768.47	40.86	Asphalt	9,420	-0.79
08/09/2021	16:00:19	78782.10	394768.35	40.86	Asphalt	10,500	0.49
08/09/2021	16:00:20	78782.02	394768.26	40.89	Asphalt	9,660	-0.50
08/09/2021	16:00:21	78782.29	394768.16	40.90	Asphalt	10,020	-0.08
08/09/2021	16:00:22	78782.17	394767.99	40.88	Asphalt	8,760	-1.57
08/09/2021	16:00:23	78781.95	394767.85	40.87	Asphalt	9,120	-1.14
08/09/2021	16:00:24	78782.11	394767.76	40.92	Asphalt	9,480	-0.72
08/09/2021	16:00:25	78782.08	394767.61	40.89	Asphalt	10,740	0.78
08/09/2021	16:00:26	78782.06	394767.46	40.92	Asphalt	8,760	-1.57
08/09/2021	16:00:27	78782.33	394767.34	40.95	Asphalt	8,160	-2.28
08/09/2021	16:00:28	78782.23	394767.19	40.91	Asphalt	9,900	-0.22
08/09/2021	16:00:29	78782.07	394767.05	40.93	Asphalt	10,560	0.56
08/09/2021	16:00:30	78782.26	394766.97	40.95	Asphalt	11,400	1.56
08/09/2021	16:00:31	78782.10	394766.84	40.98	Asphalt	10,680	0.70
08/09/2021	16:00:32	78782.08	394766.70	40.96	Asphalt	11,340	1.49
08/09/2021	16:00:33	78782.23	394766.59	40.99	Asphalt	9,300	-0.93
08/09/2021	16:00:34	78782.04	394766.46	41.06	Asphalt	9,900	-0.22
08/09/2021	16:00:35	78782.15	394766.35	41.02	Asphalt	9,360	-0.86
08/09/2021	16:00:36	78782.28	394766.24	41.02	Asphalt	9,000	-1.28
08/09/2021	16:00:37	78781.98	394766.13	41.06	Asphalt	10,320	0.28
08/09/2021	16:00:38	78782.14	394766.12	41.07	Asphalt	10,260	0.21
08/09/2021	16:00:39	78782.40	394766.05	41.12	Asphalt	9,000	-1.28
08/09/2021	16:00:40	78782.26	394765.86	41.14	Asphalt	10,200	0.14
08/09/2021	16:00:41	78782.23	394765.69	41.15	Asphalt	11,400	1.56
08/09/2021	16:00:42	78782.49	394765.59	41.18	Asphalt	10,200	0.14
08/09/2021	16:00:43	78782.34	394765.41	41.18	Asphalt	9,900	-0.22
08/09/2021	16:00:44	78782.28	394765.30	41.20	Asphalt	12,180	2.48
08/09/2021	16:00:45	78782.53	394765.21	41.18	Asphalt	10,020	-0.08
08/09/2021	16:00:46	78782.53	394765.01	41.25	Asphalt	9,900	-0.22
08/09/2021	16:00:47	78782.60	394764.87	41.24	Asphalt	11,940	2.20
08/09/2021	16:00:48	78782.69	394764.72	41.12	Asphalt	10,200	0.14
08/09/2021	16:00:49	78782.45	394764.52	41.13	Asphalt	9,780	-0.36
08/09/2021	16:00:50	78782.51	394764.41	41.19	Asphalt	10,920	0.99
08/09/2021	16:00:51	78782.41	394764.18	41.16	Asphalt	11,160	1.27
08/09/2021	16:00:52	78782.14	394764.32	41.13	Asphalt	11,040	1.13
08/09/2021	16:00:53	78782.34	394764.59	41.09	Asphalt	10,620	0.63
08/09/2021	16:00:54	78782.54	394764.68	41.06	Asphalt	11,100	1.20
08/09/2021	16:00:55	78782.20	394764.87	41.10	Asphalt	10,740	0.78
08/09/2021	16:00:56	78782.13	394765.11	41.08	Asphalt	9,300	-0.93
08/09/2021	16:00:57	78782.07	394765.29	41.05	Asphalt	10,980	1.06
08/09/2021	16:00:58	78782.13	394765.41	41.04	Asphalt	10,260	0.21
08/09/2021	16:00:59	78782.46	394765.63	41.12	Asphalt	11,100	1.20
08/09/2021	16:01:00	78782.27	394765.79	41.17	Asphalt	10,800	0.85
08/09/2021	16:01:01	78782.17	394765.88	41.10	Asphalt	10,320	0.28
08/09/2021	16:01:16	78782.22	394765.84	41.03	Asphalt	10,800	0.85
08/09/2021	16:01:17	78782.18	394765.83	41.01	Asphalt	10,260	0.21

SU 7D GWS RESULTS
(ASPHALT)

08/09/2021	16:01:18	78781.94	394765.66	40.97	Asphalt	11,460	1.63
08/09/2021	16:01:19	78781.85	394765.55	41.02	Asphalt	10,800	0.85
08/09/2021	16:01:20	78782.21	394765.80	41.02	Asphalt	10,860	0.92
08/09/2021	16:01:21	78782.21	394765.98	40.98	Asphalt	8,880	-1.43
08/09/2021	16:01:22	78781.84	394765.93	40.95	Asphalt	10,200	0.14
08/09/2021	16:01:23	78781.75	394765.83	41.00	Asphalt	10,320	0.28
08/09/2021	16:01:24	78781.92	394765.91	41.00	Asphalt	10,080	-0.01
08/09/2021	16:01:25	78782.29	394766.19	41.00	Asphalt	10,080	-0.01
08/09/2021	16:01:26	78782.18	394766.25	40.97	Asphalt	10,560	0.56
08/09/2021	16:01:27	78782.07	394766.33	40.95	Asphalt	10,260	0.21
08/09/2021	16:01:28	78782.23	394766.44	40.95	Asphalt	9,720	-0.43
08/09/2021	16:01:29	78782.06	394766.51	40.94	Asphalt	10,380	0.35
08/09/2021	16:01:30	78782.07	394766.59	40.92	Asphalt	9,540	-0.64
08/09/2021	16:01:31	78782.29	394766.70	40.95	Asphalt	8,760	-1.57
08/09/2021	16:01:32	78782.07	394766.77	40.94	Asphalt	10,140	0.07
08/09/2021	16:01:33	78781.98	394766.85	40.92	Asphalt	10,680	0.70
08/09/2021	16:01:34	78782.15	394766.96	40.89	Asphalt	10,260	0.21
08/09/2021	16:01:35	78781.97	394767.08	40.90	Asphalt	10,380	0.35
08/09/2021	16:01:36	78781.99	394767.21	40.91	Asphalt	9,180	-1.07
08/09/2021	16:01:37	78781.95	394767.30	40.94	Asphalt	9,540	-0.64
08/09/2021	16:01:38	78782.01	394767.37	40.91	Asphalt	9,900	-0.22
08/09/2021	16:01:39	78782.13	394767.49	40.91	Asphalt	10,860	0.92
08/09/2021	16:01:40	78782.04	394767.61	40.89	Asphalt	9,300	-0.93
08/09/2021	16:01:41	78782.12	394767.71	40.87	Asphalt	9,480	-0.72
08/09/2021	16:01:42	78781.96	394767.78	40.87	Asphalt	9,360	-0.86
08/09/2021	16:01:43	78781.99	394767.88	40.87	Asphalt	9,720	-0.43
08/09/2021	16:01:44	78782.05	394767.98	40.84	Asphalt	8,820	-1.50
08/09/2021	16:01:45	78781.89	394768.09	40.83	Asphalt	11,220	1.34
08/09/2021	16:01:46	78782.05	394768.25	40.82	Asphalt	10,440	0.42
08/09/2021	16:01:47	78781.93	394768.35	40.83	Asphalt	11,040	1.13
08/09/2021	16:01:48	78781.91	394768.47	40.81	Asphalt	10,020	-0.08
08/09/2021	16:01:49	78781.98	394768.60	40.78	Asphalt	10,560	0.56
08/09/2021	16:01:50	78781.85	394768.71	40.77	Asphalt	8,940	-1.36
08/09/2021	16:01:51	78782.07	394768.82	40.74	Asphalt	10,560	0.56
08/09/2021	16:01:52	78781.97	394768.89	40.71	Asphalt	9,180	-1.07
08/09/2021	16:01:53	78781.89	394769.00	40.70	Asphalt	8,940	-1.36
08/09/2021	16:01:54	78782.15	394769.07	40.72	Asphalt	9,900	-0.22
08/09/2021	16:01:55	78781.92	394769.10	40.66	Asphalt	9,180	-1.07
08/09/2021	16:01:56	78781.68	394769.28	40.64	Asphalt	11,040	1.13
08/09/2021	16:01:57	78781.99	394769.48	40.61	Asphalt	8,880	-1.43
08/09/2021	16:01:58	78781.95	394769.59	40.61	Asphalt	11,640	1.84
08/09/2021	16:01:59	78781.94	394769.74	40.61	Asphalt	10,740	0.78
08/09/2021	16:02:00	78781.88	394769.83	40.58	Asphalt	10,380	0.35
08/09/2021	16:02:01	78781.74	394769.90	40.58	Asphalt	8,940	-1.36
08/09/2021	16:02:02	78781.80	394770.00	40.60	Asphalt	10,920	0.99
08/09/2021	16:02:03	78781.51	394769.79	40.61	Asphalt	9,420	-0.79
08/09/2021	16:02:04	78781.48	394769.40	40.63	Asphalt	9,000	-1.28
08/09/2021	16:02:05	78781.87	394769.29	40.63	Asphalt	11,160	1.27
08/09/2021	16:02:06	78781.85	394769.22	40.66	Asphalt	9,420	-0.79
08/09/2021	16:02:07	78781.50	394769.02	40.64	Asphalt	10,440	0.42
08/09/2021	16:02:08	78781.67	394768.99	40.72	Asphalt	9,300	-0.93

SU 7D GWS RESULTS
(ASPHALT)

08/09/2021	16:02:09	78781.69	394768.86	40.66	Asphalt	10,320	0.28
08/09/2021	16:02:10	78781.38	394768.63	40.64	Asphalt	9,600	-0.57
08/09/2021	16:02:11	78781.65	394768.58	40.69	Asphalt	10,140	0.07
08/09/2021	16:02:12	78781.58	394768.50	40.66	Asphalt	10,740	0.78
08/09/2021	16:02:13	78781.28	394768.26	40.66	Asphalt	9,420	-0.79
08/09/2021	16:02:14	78781.51	394768.19	40.76	Asphalt	9,960	-0.15
08/09/2021	16:02:15	78781.49	394768.09	40.74	Asphalt	10,260	0.21
08/09/2021	16:02:16	78781.15	394767.97	40.76	Asphalt	9,000	-1.28
08/09/2021	16:02:17	78781.42	394767.93	40.82	Asphalt	10,920	0.99
08/09/2021	16:02:18	78781.55	394767.77	40.82	Asphalt	10,620	0.63
08/09/2021	16:02:19	78781.17	394767.67	40.85	Asphalt	9,180	-1.07
08/09/2021	16:02:20	78781.27	394767.65	40.86	Asphalt	9,120	-1.14
08/09/2021	16:02:21	78781.65	394767.48	41.00	Asphalt	9,660	-0.50
08/09/2021	16:02:22	78781.49	394767.39	40.96	Asphalt	10,380	0.35
08/09/2021	16:02:23	78781.33	394767.29	40.91	Asphalt	10,500	0.49
08/09/2021	16:02:24	78781.79	394767.25	41.01	Asphalt	9,900	-0.22
08/09/2021	16:02:25	78781.81	394767.29	41.04	Asphalt	10,560	0.56
08/09/2021	16:02:26	78781.46	394767.15	40.97	Asphalt	11,160	1.27
08/09/2021	16:02:27	78781.53	394767.10	40.98	Asphalt	9,420	-0.79
08/09/2021	16:02:28	78781.62	394766.97	40.98	Asphalt	10,020	-0.08
08/09/2021	16:02:29	78781.36	394766.87	40.93	Asphalt	8,700	-1.64
08/09/2021	16:02:30	78781.53	394766.79	40.95	Asphalt	9,840	-0.29
08/09/2021	16:02:31	78781.65	394766.57	40.93	Asphalt	9,600	-0.57
08/09/2021	16:02:32	78781.56	394766.44	40.98	Asphalt	10,260	0.21
08/09/2021	16:02:33	78781.63	394766.36	40.98	Asphalt	10,620	0.63
08/09/2021	16:02:34	78781.50	394766.25	40.95	Asphalt	10,020	-0.08
08/09/2021	16:02:35	78781.64	394766.17	41.00	Asphalt	9,540	-0.64
08/09/2021	16:02:36	78781.63	394766.12	40.95	Asphalt	10,200	0.14
08/09/2021	16:02:37	78781.54	394766.05	40.95	Asphalt	9,360	-0.86
08/09/2021	16:02:38	78781.72	394765.96	40.98	Asphalt	9,600	-0.57
08/09/2021	16:02:39	78781.62	394765.83	40.91	Asphalt	9,360	-0.86
08/09/2021	16:02:40	78781.71	394765.74	40.99	Asphalt	9,900	-0.22
08/09/2021	16:02:41	78781.81	394765.63	40.95	Asphalt	10,440	0.42
08/09/2021	16:02:42	78781.68	394765.49	40.92	Asphalt	9,660	-0.50
08/09/2021	16:02:43	78781.85	394765.34	40.92	Asphalt	9,960	-0.15
08/09/2021	16:02:44	78781.70	394765.15	40.91	Asphalt	11,700	1.91
08/09/2021	16:02:45	78781.73	394764.98	40.92	Asphalt	10,380	0.35
08/09/2021	16:02:46	78781.75	394764.82	40.88	Asphalt	10,080	-0.01
08/09/2021	16:02:47	78781.74	394764.70	40.90	Asphalt	12,960	3.40
08/09/2021	16:02:48	78781.83	394764.58	40.85	Asphalt	11,940	2.20
08/09/2021	16:02:49	78781.72	394764.45	40.84	Asphalt	9,600	-0.57
08/09/2021	16:02:50	78781.83	394764.33	40.79	Asphalt	9,240	-1.00
08/09/2021	16:02:51	78781.70	394764.23	40.79	Asphalt	11,100	1.20
08/09/2021	16:02:52	78781.61	394764.17	40.73	Asphalt	10,440	0.42
08/09/2021	16:02:53	78781.50	394764.14	40.68	Asphalt	9,480	-0.72
08/09/2021	16:03:03	78781.48	394764.29	40.68	Asphalt	10,500	0.49
08/09/2021	16:03:04	78781.49	394764.28	40.67	Asphalt	11,340	1.49
08/09/2021	16:03:05	78781.43	394764.30	40.71	Asphalt	9,780	-0.36
08/09/2021	16:03:06	78781.34	394764.51	40.77	Asphalt	10,620	0.63
08/09/2021	16:03:07	78781.61	394764.80	40.70	Asphalt	10,500	0.49
08/09/2021	16:03:08	78781.88	394764.75	40.67	Asphalt	11,280	1.41

SU 7D GWS RESULTS
(ASPHALT)

08/09/2021	16:03:09	78781.62	394764.87	40.69	Asphalt	11,820	2.05
08/09/2021	16:03:10	78781.62	394765.00	40.64	Asphalt	9,960	-0.15
08/09/2021	16:03:11	78781.78	394765.13	40.63	Asphalt	11,400	1.56
08/09/2021	16:03:12	78781.49	394765.17	40.64	Asphalt	10,620	0.63
08/09/2021	16:03:13	78781.49	394765.27	40.60	Asphalt	12,120	2.41
08/09/2021	16:03:14	78781.82	394765.41	40.64	Asphalt	9,960	-0.15
08/09/2021	16:03:15	78781.44	394765.36	40.95	Asphalt	10,440	0.42
08/09/2021	16:03:16	78781.07	394765.28	40.95	Asphalt	10,800	0.85
08/09/2021	16:03:17	78781.16	394765.31	41.27	Asphalt	10,680	0.70
08/09/2021	16:03:18	78781.33	394765.38	40.85	Asphalt	11,520	1.70
08/09/2021	16:03:19	78781.49	394765.20	40.64	Asphalt	11,040	1.13
08/09/2021	16:03:20	78781.57	394765.07	40.63	Asphalt	10,020	-0.08
08/09/2021	16:03:21	78781.83	394765.25	40.62	Asphalt	10,500	0.49
08/09/2021	16:03:22	78781.92	394765.36	40.55	Asphalt	10,980	1.06
08/09/2021	16:03:23	78781.70	394765.41	40.59	Asphalt	11,820	2.05
08/09/2021	16:03:24	78781.67	394765.42	40.50	Asphalt	10,980	1.06
08/09/2021	16:03:25	78781.91	394765.38	40.44	Asphalt	9,480	-0.72
08/09/2021	16:03:26	78781.72	394765.42	40.47	Asphalt	9,900	-0.22
08/09/2021	16:03:27	78781.73	394765.60	40.45	Asphalt	10,200	0.14
08/09/2021	16:03:28	78781.90	394765.73	40.43	Asphalt	10,560	0.56
08/09/2021	16:03:29	78781.76	394765.71	40.47	Asphalt	9,720	-0.43
08/09/2021	16:03:30	78781.78	394765.68	40.45	Asphalt	10,980	1.06
08/09/2021	16:03:31	78781.95	394765.72	40.40	Asphalt	10,140	0.07
08/09/2021	16:03:32	78781.81	394765.71	40.47	Asphalt	10,140	0.07
08/09/2021	16:03:33	78781.84	394765.87	40.44	Asphalt	9,540	-0.64
08/09/2021	16:03:34	78781.92	394766.04	40.45	Asphalt	10,020	-0.08
08/09/2021	16:03:35	78781.81	394766.12	40.44	Asphalt	10,380	0.35
08/09/2021	16:03:36	78781.95	394766.10	40.40	Asphalt	10,080	-0.01
08/09/2021	16:03:37	78781.85	394766.15	40.45	Asphalt	10,740	0.78
08/09/2021	16:03:38	78781.77	394766.40	40.43	Asphalt	9,960	-0.15
08/09/2021	16:03:39	78781.84	394766.52	40.43	Asphalt	10,080	-0.01
08/09/2021	16:03:40	78781.69	394766.54	40.44	Asphalt	10,320	0.28
08/09/2021	16:03:41	78781.87	394766.49	40.37	Asphalt	10,200	0.14
08/09/2021	16:03:42	78781.81	394766.53	40.42	Asphalt	10,020	-0.08
08/09/2021	16:03:43	78781.68	394766.70	40.36	Asphalt	10,200	0.14
08/09/2021	16:03:44	78781.86	394766.86	40.38	Asphalt	11,580	1.77
08/09/2021	16:03:45	78781.73	394766.91	40.40	Asphalt	10,500	0.49
08/09/2021	16:03:46	78781.71	394766.98	40.38	Asphalt	9,540	-0.64
08/09/2021	16:03:47	78781.74	394767.08	40.35	Asphalt	10,380	0.35
08/09/2021	16:03:48	78781.56	394767.12	40.31	Asphalt	9,600	-0.57
08/09/2021	16:03:49	78781.70	394767.31	40.27	Asphalt	10,560	0.56
08/09/2021	16:03:50	78781.62	394767.44	40.27	Asphalt	11,580	1.77
08/09/2021	16:03:51	78781.52	394767.50	40.19	Asphalt	10,380	0.35
08/09/2021	16:03:52	78781.62	394767.68	40.20	Asphalt	9,840	-0.29
08/09/2021	16:03:53	78781.48	394767.84	40.17	Asphalt	10,800	0.85
08/09/2021	16:03:54	78781.55	394768.09	40.10	Asphalt	9,420	-0.79
08/09/2021	16:03:55	78781.48	394768.28	40.17	Asphalt	9,540	-0.64
08/09/2021	16:03:56	78781.50	394768.31	40.05	Asphalt	10,920	0.99
08/09/2021	16:03:57	78781.49	394768.46	40.14	Asphalt	9,840	-0.29
08/09/2021	16:03:58	78781.37	394768.69	40.15	Asphalt	9,540	-0.64
08/09/2021	16:03:59	78781.55	394768.80	40.09	Asphalt	10,680	0.70

SU 7D GWS RESULTS
(ASPHALT)

08/09/2021	16:04:00	78781.44	394768.91	40.12	Asphalt	10,680	0.70
08/09/2021	16:04:01	78781.55	394769.15	40.05	Asphalt	10,500	0.49
08/09/2021	16:04:02	78781.54	394769.35	40.08	Asphalt	9,780	-0.36
08/09/2021	16:04:03	78781.33	394769.50	40.02	Asphalt	8,640	-1.71
08/09/2021	16:04:04	78781.11	394769.66	39.95	Asphalt	10,740	0.78
08/09/2021	16:04:05	78780.70	394769.54	40.12	Asphalt	11,340	1.49
08/09/2021	16:04:25	78780.67	394769.69	40.06	Asphalt	9,540	-0.64
08/09/2021	16:04:26	78780.69	394769.70	40.17	Asphalt	10,020	-0.08
08/09/2021	16:04:27	78780.78	394769.64	40.19	Asphalt	10,680	0.70
08/09/2021	16:04:28	78780.81	394769.50	40.17	Asphalt	10,560	0.56
08/09/2021	16:04:29	78780.68	394769.49	40.25	Asphalt	10,080	-0.01
08/09/2021	16:04:30	78780.81	394769.38	40.34	Asphalt	10,260	0.21
08/09/2021	16:04:31	78780.74	394769.23	40.35	Asphalt	9,540	-0.64
08/09/2021	16:04:32	78780.79	394769.11	40.30	Asphalt	10,320	0.28
08/09/2021	16:04:33	78781.07	394769.03	40.45	Asphalt	10,080	-0.01
08/09/2021	16:04:34	78780.94	394768.97	40.44	Asphalt	10,740	0.78
08/09/2021	16:04:35	78780.83	394768.87	40.48	Asphalt	10,560	0.56
08/09/2021	16:04:36	78781.19	394768.79	40.62	Asphalt	9,360	-0.86
08/09/2021	16:04:37	78781.25	394768.71	40.64	Asphalt	12,180	2.48
08/09/2021	16:04:38	78780.91	394768.64	40.69	Asphalt	10,860	0.92
08/09/2021	16:04:39	78781.07	394768.53	40.76	Asphalt	9,960	-0.15
08/09/2021	16:04:40	78781.29	394768.42	40.84	Asphalt	8,940	-1.36
08/09/2021	16:04:41	78781.09	394768.42	40.87	Asphalt	11,040	1.13
08/09/2021	16:04:42	78781.15	394768.40	40.99	Asphalt	10,680	0.70
08/09/2021	16:04:43	78781.33	394768.32	40.95	Asphalt	9,720	-0.43
08/09/2021	16:04:44	78781.00	394768.32	41.03	Asphalt	9,780	-0.36
08/09/2021	16:04:45	78780.94	394768.25	40.96	Asphalt	8,880	-1.43
08/09/2021	16:04:46	78780.93	394768.20	40.98	Asphalt	10,740	0.78
08/09/2021	16:04:47	78781.14	394768.08	41.04	Asphalt	8,700	-1.64
08/09/2021	16:04:48	78781.07	394767.98	41.06	Asphalt	8,520	-1.85
08/09/2021	16:04:49	78781.01	394767.84	41.16	Asphalt	9,900	-0.22
08/09/2021	16:04:50	78781.06	394767.78	41.10	Asphalt	10,980	1.06
08/09/2021	16:04:51	78780.86	394767.86	41.11	Asphalt	9,900	-0.22
08/09/2021	16:04:52	78781.07	394767.74	41.19	Asphalt	11,280	1.41
08/09/2021	16:04:53	78780.99	394767.63	41.19	Asphalt	8,820	-1.50
08/09/2021	16:04:54	78780.90	394767.54	41.28	Asphalt	10,860	0.92
08/09/2021	16:04:55	78781.10	394767.39	41.28	Asphalt	10,080	-0.01
08/09/2021	16:04:56	78780.99	394767.22	41.26	Asphalt	9,840	-0.29
08/09/2021	16:04:57	78781.12	394767.10	41.36	Asphalt	11,460	1.63
08/09/2021	16:04:58	78781.09	394767.00	41.35	Asphalt	9,420	-0.79
08/09/2021	16:04:59	78781.00	394766.83	41.45	Asphalt	9,420	-0.79
08/09/2021	16:05:00	78781.13	394766.70	41.46	Asphalt	9,600	-0.57
08/09/2021	16:05:01	78781.02	394766.53	41.52	Asphalt	11,100	1.20
08/09/2021	16:05:02	78781.19	394766.43	41.56	Asphalt	10,140	0.07
08/09/2021	16:05:03	78781.14	394766.22	41.56	Asphalt	8,460	-1.92
08/09/2021	16:05:04	78781.17	394766.05	41.65	Asphalt	11,280	1.41
08/09/2021	16:05:05	78781.26	394765.86	41.63	Asphalt	10,920	0.99
08/09/2021	16:05:06	78781.17	394765.65	41.71	Asphalt	10,500	0.49
08/09/2021	16:05:07	78781.28	394765.55	41.69	Asphalt	10,200	0.14
08/09/2021	16:05:08	78781.17	394765.42	41.71	Asphalt	10,020	-0.08
08/09/2021	16:05:09	78781.31	394765.28	41.73	Asphalt	11,460	1.63

SU 7D GWS RESULTS
(ASPHALT)

08/09/2021	16:05:10	78781.21	394765.06	41.71	Asphalt	9,540	-0.64
08/09/2021	16:05:11	78781.23	394764.90	41.73	Asphalt	11,520	1.70
08/09/2021	16:05:12	78781.23	394764.79	41.65	Asphalt	9,780	-0.36
08/09/2021	16:05:13	78781.11	394764.62	41.69	Asphalt	10,680	0.70
08/09/2021	16:05:14	78781.26	394764.42	41.68	Asphalt	11,580	1.77
08/09/2021	16:05:15	78781.21	394764.21	41.74	Asphalt	10,260	0.21
08/09/2021	16:05:16	78781.50	394764.12	41.73	Asphalt	10,500	0.49
08/09/2021	16:05:17	78781.65	394764.26	41.80	Asphalt	10,320	0.28
08/09/2021	16:05:18	78781.64	394764.48	41.84	Asphalt	11,460	1.63
08/09/2021	16:05:19	78781.82	394764.59	41.62	Asphalt	9,780	-0.36
08/09/2021	16:05:20	78781.62	394764.66	41.39	Asphalt	11,520	1.70
08/09/2021	16:05:21	78781.53	394764.88	41.21	Asphalt	10,980	1.06
08/09/2021	16:05:22	78781.33	394764.99	41.19	Asphalt	10,440	0.42
08/09/2021	16:05:23	78781.37	394765.16	41.06	Asphalt	11,400	1.56
08/09/2021	16:05:24	78781.44	394765.35	40.96	Asphalt	10,560	0.56
08/09/2021	16:05:25	78781.34	394765.52	40.85	Asphalt	10,620	0.63
08/09/2021	16:05:26	78781.33	394765.74	40.79	Asphalt	11,460	1.63
08/09/2021	16:05:27	78781.18	394765.84	40.70	Asphalt	11,460	1.63
08/09/2021	16:05:28	78781.36	394766.06	40.65	Asphalt	9,180	-1.07
08/09/2021	16:05:29	78781.23	394766.25	40.58	Asphalt	10,680	0.70
08/09/2021	16:05:30	78781.26	394766.48	40.52	Asphalt	10,320	0.28
08/09/2021	16:05:31	78781.17	394766.61	40.54	Asphalt	10,500	0.49
08/09/2021	16:05:32	78781.16	394766.78	40.42	Asphalt	9,360	-0.86
08/09/2021	16:05:33	78781.31	394767.01	40.44	Asphalt	9,240	-1.00
08/09/2021	16:05:34	78781.23	394767.21	40.41	Asphalt	10,740	0.78
08/09/2021	16:05:35	78781.32	394767.47	40.36	Asphalt	10,080	-0.01
08/09/2021	16:05:36	78781.07	394767.68	40.32	Asphalt	10,440	0.42
08/09/2021	16:05:37	78781.26	394768.00	40.29	Asphalt	10,200	0.14
08/09/2021	16:05:38	78781.25	394768.28	40.22	Asphalt	9,900	-0.22
08/09/2021	16:05:39	78781.26	394768.61	40.19	Asphalt	11,460	1.63
08/09/2021	16:05:40	78781.22	394768.95	40.21	Asphalt	10,200	0.14
08/09/2021	16:05:41	78781.28	394769.20	40.18	Asphalt	10,800	0.85
08/09/2021	16:05:42	78781.31	394769.42	40.10	Asphalt	10,260	0.21
08/09/2021	16:05:43	78781.11	394769.56	40.12	Asphalt	9,540	-0.64
08/09/2021	16:05:44	78781.10	394769.55	40.08	Asphalt	11,520	1.70
08/09/2021	16:05:45	78781.15	394769.75	40.08	Asphalt	10,440	0.42
08/09/2021	16:06:29	78780.76	394769.59	39.58	Asphalt	9,120	-1.14
08/09/2021	16:06:30	78780.75	394769.57	39.56	Asphalt	11,040	1.13
08/09/2021	16:06:31	78780.64	394769.57	39.53	Asphalt	12,420	2.76
08/09/2021	16:06:32	78780.52	394769.52	39.48	Asphalt	10,620	0.63
08/09/2021	16:06:33	78780.84	394769.17	39.54	Asphalt	10,620	0.63
08/09/2021	16:06:34	78780.86	394769.05	39.46	Asphalt	9,900	-0.22
08/09/2021	16:06:35	78780.58	394769.14	39.50	Asphalt	9,300	-0.93
08/09/2021	16:06:36	78780.90	394769.08	39.58	Asphalt	10,200	0.14
08/09/2021	16:06:37	78780.86	394768.74	39.58	Asphalt	9,240	-1.00
08/09/2021	16:06:38	78780.61	394768.76	39.57	Asphalt	11,400	1.56
08/09/2021	16:06:39	78780.92	394768.73	39.68	Asphalt	10,080	-0.01
08/09/2021	16:06:40	78780.95	394768.35	39.77	Asphalt	10,200	0.14
08/09/2021	16:06:41	78781.11	394768.15	39.79	Asphalt	9,000	-1.28
08/09/2021	16:06:42	78781.32	394768.10	39.80	Asphalt	9,600	-0.57
08/09/2021	16:06:43	78781.01	394767.92	39.81	Asphalt	11,400	1.56

SU 7D GWS RESULTS
(ASPHALT)

08/09/2021	16:06:44	78780.85	394768.03	39.82	Asphalt	10,260	0.21
08/09/2021	16:06:45	78781.07	394767.75	39.87	Asphalt	10,740	0.78
08/09/2021	16:06:46	78781.01	394767.30	39.86	Asphalt	11,460	1.63
08/09/2021	16:06:47	78780.98	394767.08	39.88	Asphalt	9,780	-0.36
08/09/2021	16:06:48	78781.12	394767.02	39.83	Asphalt	10,200	0.14
08/09/2021	16:06:49	78780.87	394767.07	39.92	Asphalt	9,900	-0.22
08/09/2021	16:06:50	78780.99	394766.91	39.96	Asphalt	10,740	0.78
08/09/2021	16:06:51	78781.04	394766.56	39.92	Asphalt	11,220	1.34
08/09/2021	16:06:52	78781.07	394766.25	39.89	Asphalt	9,780	-0.36
08/09/2021	16:06:53	78781.29	394766.17	39.89	Asphalt	11,700	1.91
08/09/2021	16:06:54	78781.07	394766.06	39.88	Asphalt	11,700	1.91
08/09/2021	16:06:55	78780.83	394766.15	39.85	Asphalt	11,100	1.20
08/09/2021	16:06:56	78780.98	394765.87	39.87	Asphalt	10,680	0.70
08/09/2021	16:06:57	78781.14	394765.37	39.87	Asphalt	11,340	1.49
08/09/2021	16:06:58	78781.14	394765.21	39.86	Asphalt	10,500	0.49
08/09/2021	16:06:59	78781.20	394765.14	39.86	Asphalt	11,520	1.70
08/09/2021	16:07:00	78780.88	394765.14	39.81	Asphalt	9,660	-0.50
08/09/2021	16:07:01	78781.10	394764.92	39.87	Asphalt	9,600	-0.57
08/09/2021	16:07:02	78781.19	394764.38	39.83	Asphalt	10,260	0.21
08/09/2021	16:07:03	78781.04	394764.14	39.86	Asphalt	10,020	-0.08
08/09/2021	16:07:04	78781.05	394763.97	39.82	Asphalt	12,000	2.27
08/09/2021	16:07:05	78780.67	394764.01	39.79	Asphalt	10,320	0.28
08/09/2021	16:07:06	78780.73	394764.32	39.82	Asphalt	10,680	0.70
08/09/2021	16:07:07	78781.21	394764.44	39.86	Asphalt	10,680	0.70
08/09/2021	16:07:08	78781.37	394764.11	39.83	Asphalt	10,140	0.07
08/09/2021	16:07:09	78781.27	394764.27	39.83	Asphalt	11,040	1.13
08/09/2021	16:07:10	78781.11	394764.63	39.74	Asphalt	9,360	-0.86
08/09/2021	16:07:11	78781.12	394764.95	39.72	Asphalt	10,440	0.42
08/09/2021	16:07:12	78780.84	394765.04	39.79	Asphalt	11,760	1.98
08/09/2021	16:07:13	78781.04	394765.19	39.73	Asphalt	10,380	0.35
08/09/2021	16:07:14	78781.27	394765.16	39.74	Asphalt	11,220	1.34
08/09/2021	16:07:15	78780.99	394765.55	39.78	Asphalt	10,140	0.07
08/09/2021	16:07:16	78780.99	394765.94	39.72	Asphalt	10,500	0.49
08/09/2021	16:07:17	78780.96	394766.03	39.78	Asphalt	10,500	0.49
08/09/2021	16:07:18	78780.89	394766.29	39.83	Asphalt	9,540	-0.64
08/09/2021	16:07:19	78780.73	394766.68	39.86	Asphalt	8,880	-1.43
08/09/2021	16:07:20	78780.57	394766.79	39.77	Asphalt	9,840	-0.29
08/09/2021	16:07:21	78780.96	394766.97	39.76	Asphalt	10,740	0.78
08/09/2021	16:07:22	78780.72	394767.13	39.77	Asphalt	8,640	-1.71
08/09/2021	16:07:23	78780.61	394767.62	39.77	Asphalt	9,000	-1.28
08/09/2021	16:07:24	78780.58	394767.87	39.79	Asphalt	11,640	1.84
08/09/2021	16:07:25	78780.54	394767.96	39.80	Asphalt	10,080	-0.01
08/09/2021	16:07:26	78780.94	394767.83	39.78	Asphalt	9,900	-0.22
08/09/2021	16:07:27	78780.69	394768.13	39.80	Asphalt	8,700	-1.64
08/09/2021	16:07:28	78780.60	394768.64	39.82	Asphalt	10,560	0.56
08/09/2021	16:07:29	78780.53	394768.92	39.81	Asphalt	10,800	0.85
08/09/2021	16:07:30	78780.38	394769.05	39.80	Asphalt	10,320	0.28
08/09/2021	16:07:31	78780.85	394769.21	39.80	Asphalt	10,800	0.85
08/09/2021	16:07:32	78780.65	394769.34	39.87	Asphalt	10,020	-0.08
08/09/2021	16:07:33	78780.64	394769.80	39.83	Asphalt	10,680	0.70
08/09/2021	16:07:34	78780.70	394770.05	39.89	Asphalt	9,600	-0.57

SU 7D GWS RESULTS
(ASPHALT)

08/09/2021	16:07:35	78780.49	394770.19	39.84	Asphalt	11,820	2.05
08/09/2021	16:07:36	78780.67	394770.33	39.92	Asphalt	10,200	0.14
08/09/2021	16:07:37	78780.20	394770.39	39.95	Asphalt	10,080	-0.01
08/09/2021	16:08:17	78779.72	394769.96	40.55	Asphalt	11,520	1.70
08/09/2021	16:08:18	78779.69	394769.95	40.61	Asphalt	9,420	-0.79
08/09/2021	16:08:19	78779.56	394769.96	40.57	Asphalt	12,960	3.40
08/09/2021	16:08:20	78779.25	394770.03	40.55	Asphalt	11,640	1.84
08/09/2021	16:08:21	78779.55	394770.00	40.64	Asphalt	9,840	-0.29
08/09/2021	16:08:22	78779.78	394769.69	40.66	Asphalt	10,380	0.35
08/09/2021	16:08:23	78779.80	394769.37	40.68	Asphalt	10,620	0.63
08/09/2021	16:08:24	78779.84	394769.28	40.72	Asphalt	10,680	0.70
08/09/2021	16:08:25	78779.98	394769.23	40.74	Asphalt	9,840	-0.29
08/09/2021	16:08:26	78779.70	394769.24	40.71	Asphalt	9,900	-0.22
08/09/2021	16:08:27	78779.49	394769.11	40.73	Asphalt	10,260	0.21
08/09/2021	16:08:28	78779.80	394768.82	40.76	Asphalt	10,560	0.56
08/09/2021	16:08:29	78779.94	394768.57	40.70	Asphalt	10,080	-0.01
08/09/2021	16:08:30	78779.64	394768.38	40.74	Asphalt	9,000	-1.28
08/09/2021	16:08:31	78779.89	394768.34	40.72	Asphalt	10,980	1.06
08/09/2021	16:08:32	78779.95	394768.31	40.71	Asphalt	10,320	0.28
08/09/2021	16:08:33	78779.51	394768.21	40.69	Asphalt	10,980	1.06
08/09/2021	16:08:34	78779.59	394768.13	40.72	Asphalt	8,940	-1.36
08/09/2021	16:08:35	78779.90	394768.06	40.71	Asphalt	10,200	0.14
08/09/2021	16:08:36	78779.59	394767.95	40.71	Asphalt	9,960	-0.15
08/09/2021	16:08:37	78779.67	394767.80	40.72	Asphalt	10,020	-0.08
08/09/2021	16:08:38	78779.92	394767.70	40.71	Asphalt	10,020	-0.08
08/09/2021	16:08:39	78779.60	394767.58	40.69	Asphalt	9,360	-0.86
08/09/2021	16:08:40	78779.75	394767.48	40.75	Asphalt	9,360	-0.86
08/09/2021	16:08:41	78779.99	394767.44	40.71	Asphalt	10,860	0.92
08/09/2021	16:08:42	78779.74	394767.33	40.69	Asphalt	8,820	-1.50
08/09/2021	16:08:43	78779.87	394767.23	40.78	Asphalt	10,020	-0.08
08/09/2021	16:08:44	78779.98	394767.14	40.71	Asphalt	10,920	0.99
08/09/2021	16:08:45	78779.80	394766.94	40.72	Asphalt	8,820	-1.50
08/09/2021	16:08:46	78780.01	394766.92	40.76	Asphalt	10,860	0.92
08/09/2021	16:08:47	78779.93	394766.87	40.69	Asphalt	9,240	-1.00
08/09/2021	16:08:48	78779.74	394766.74	40.69	Asphalt	9,660	-0.50
08/09/2021	16:08:49	78780.01	394766.67	40.75	Asphalt	10,200	0.14
08/09/2021	16:08:50	78779.93	394766.46	40.69	Asphalt	10,860	0.92
08/09/2021	16:08:51	78779.87	394766.23	40.73	Asphalt	10,260	0.21
08/09/2021	16:08:52	78780.19	394766.17	40.69	Asphalt	9,300	-0.93
08/09/2021	16:08:53	78779.96	394766.19	40.72	Asphalt	10,380	0.35
08/09/2021	16:08:54	78780.09	394766.17	40.80	Asphalt	9,840	-0.29
08/09/2021	16:08:55	78780.25	394765.92	40.76	Asphalt	9,780	-0.36
08/09/2021	16:08:56	78780.14	394765.67	40.72	Asphalt	11,040	1.13
08/09/2021	16:08:57	78780.36	394765.67	40.71	Asphalt	9,540	-0.64
08/09/2021	16:08:58	78780.09	394765.71	40.64	Asphalt	10,140	0.07
08/09/2021	16:08:59	78780.09	394765.71	40.73	Asphalt	10,980	1.06
08/09/2021	16:09:00	78780.29	394765.35	40.67	Asphalt	10,020	-0.08
08/09/2021	16:09:01	78780.20	394765.03	40.66	Asphalt	11,520	1.70
08/09/2021	16:09:02	78780.32	394765.00	40.68	Asphalt	9,840	-0.29
08/09/2021	16:09:03	78780.29	394764.98	40.61	Asphalt	9,660	-0.50
08/09/2021	16:09:04	78780.11	394764.91	40.65	Asphalt	10,800	0.85

SU 7D GWS RESULTS
(ASPHALT)

08/09/2021	16:09:05	78780.41	394764.68	40.71	Asphalt	10,440	0.42
08/09/2021	16:09:06	78780.68	394764.17	40.74	Asphalt	10,380	0.35
08/09/2021	16:09:07	78781.22	394764.22	40.73	Asphalt	11,220	1.34
08/09/2021	16:09:08	78781.36	394764.66	40.70	Asphalt	10,680	0.70
08/09/2021	16:09:09	78781.06	394765.05	40.71	Asphalt	10,320	0.28
08/09/2021	16:09:10	78781.10	394765.34	40.67	Asphalt	10,320	0.28
08/09/2021	16:09:11	78781.12	394765.49	40.68	Asphalt	10,260	0.21
08/09/2021	16:09:12	78780.81	394765.68	40.62	Asphalt	10,680	0.70
08/09/2021	16:09:13	78781.02	394765.99	40.61	Asphalt	9,780	-0.36
08/09/2021	16:09:14	78780.71	394766.19	40.59	Asphalt	9,660	-0.50
08/09/2021	16:09:15	78780.82	394766.41	40.54	Asphalt	11,100	1.20
08/09/2021	16:09:16	78780.66	394766.55	40.58	Asphalt	9,780	-0.36
08/09/2021	16:09:17	78780.59	394766.68	40.49	Asphalt	9,000	-1.28
08/09/2021	16:09:18	78780.79	394766.89	40.54	Asphalt	11,820	2.05
08/09/2021	16:09:19	78780.61	394766.94	40.47	Asphalt	10,380	0.35
08/09/2021	16:09:20	78780.73	394767.20	40.50	Asphalt	14,520	5.25
08/09/2021	16:09:21	78780.46	394767.41	40.44	Asphalt	12,120	2.41
08/09/2021	16:09:22	78780.34	394767.64	40.39	Asphalt	9,900	-0.22
08/09/2021	16:09:23	78780.53	394767.90	40.42	Asphalt	9,840	-0.29
08/09/2021	16:09:24	78780.40	394768.09	40.35	Asphalt	10,620	0.63
08/09/2021	16:09:25	78780.64	394768.31	40.36	Asphalt	10,920	0.99
08/09/2021	16:09:26	78780.43	394768.55	40.29	Asphalt	9,120	-1.14
08/09/2021	16:09:27	78780.59	394768.84	40.26	Asphalt	11,100	1.20
08/09/2021	16:09:28	78780.36	394769.12	40.28	Asphalt	9,720	-0.43
08/09/2021	16:09:29	78780.51	394769.34	40.25	Asphalt	11,340	1.49
08/09/2021	16:09:30	78780.53	394769.50	40.24	Asphalt	10,740	0.78
08/09/2021	16:09:31	78780.45	394769.89	40.23	Asphalt	10,800	0.85
08/09/2021	16:09:32	78780.13	394770.36	40.21	Asphalt	8,640	-1.71
08/09/2021	16:09:33	78779.58	394770.37	40.23	Asphalt	8,880	-1.43
08/09/2021	16:09:34	78779.44	394770.45	40.24	Asphalt	11,460	1.63
08/09/2021	16:09:35	78779.09	394770.24	40.27	Asphalt	9,480	-0.72
08/09/2021	16:09:36	78778.99	394770.08	40.19	Asphalt	10,980	1.06
08/09/2021	16:09:37	78779.21	394769.63	40.31	Asphalt	10,680	0.70
08/09/2021	16:09:38	78779.18	394769.55	40.29	Asphalt	9,780	-0.36
08/09/2021	16:09:39	78778.97	394769.46	40.34	Asphalt	9,060	-1.21
08/09/2021	16:09:40	78779.17	394769.28	40.31	Asphalt	11,580	1.77
08/09/2021	16:09:41	78778.98	394768.92	40.31	Asphalt	10,980	1.06
08/09/2021	16:09:42	78779.25	394768.65	40.30	Asphalt	11,400	1.56
08/09/2021	16:09:43	78779.15	394768.64	40.24	Asphalt	9,060	-1.21
08/09/2021	16:09:44	78779.14	394768.57	40.33	Asphalt	11,160	1.27
08/09/2021	16:09:45	78779.29	394768.16	40.30	Asphalt	9,540	-0.64
08/09/2021	16:09:46	78779.18	394767.85	40.27	Asphalt	10,260	0.21
08/09/2021	16:09:47	78779.26	394767.80	40.29	Asphalt	10,200	0.14
08/09/2021	16:10:09	78779.56	394767.83	40.72	Asphalt	9,720	-0.43
08/09/2021	16:10:10	78779.68	394767.94	40.76	Asphalt	9,360	-0.86
08/09/2021	16:10:11	78779.81	394768.00	40.83	Asphalt	9,720	-0.43
08/09/2021	16:10:12	78779.72	394767.97	40.90	Asphalt	9,540	-0.64
08/09/2021	16:10:13	78779.52	394767.73	40.89	Asphalt	11,460	1.63
08/09/2021	16:10:14	78779.78	394767.66	40.91	Asphalt	10,320	0.28
08/09/2021	16:10:15	78779.71	394767.49	40.92	Asphalt	9,840	-0.29
08/09/2021	16:10:16	78779.77	394767.40	40.90	Asphalt	9,720	-0.43

SU 7D GWS RESULTS
(ASPHALT)

08/09/2021	16:10:17	78779.74	394767.31	40.95	Asphalt	10,860	0.92
08/09/2021	16:10:18	78779.75	394766.99	40.97	Asphalt	10,500	0.49
08/09/2021	16:10:19	78779.90	394766.84	40.94	Asphalt	9,660	-0.50
08/09/2021	16:10:20	78779.79	394766.62	40.91	Asphalt	11,220	1.34
08/09/2021	16:10:21	78779.97	394766.67	40.96	Asphalt	9,420	-0.79
08/09/2021	16:10:22	78779.86	394766.46	41.02	Asphalt	10,620	0.63
08/09/2021	16:10:23	78779.92	394766.13	41.00	Asphalt	10,380	0.35
08/09/2021	16:10:24	78780.05	394765.99	41.04	Asphalt	11,820	2.05
08/09/2021	16:10:25	78779.93	394765.78	40.99	Asphalt	10,500	0.49
08/09/2021	16:10:26	78780.12	394765.75	41.01	Asphalt	10,860	0.92
08/09/2021	16:10:27	78780.02	394765.52	41.04	Asphalt	9,660	-0.50
08/09/2021	16:10:28	78780.13	394765.19	41.09	Asphalt	10,140	0.07
08/09/2021	16:10:29	78780.06	394764.94	41.08	Asphalt	10,620	0.63
08/09/2021	16:10:30	78780.09	394764.77	41.00	Asphalt	10,380	0.35
08/09/2021	16:10:31	78780.32	394764.81	41.06	Asphalt	10,800	0.85
08/09/2021	16:10:32	78780.15	394764.53	41.17	Asphalt	10,560	0.56
08/09/2021	16:10:33	78780.16	394764.05	41.16	Asphalt	11,460	1.63
08/09/2021	16:10:34	78779.84	394763.77	41.11	Asphalt	10,380	0.35
08/09/2021	16:10:35	78779.54	394763.79	41.16	Asphalt	12,420	2.76
08/09/2021	16:10:36	78779.43	394764.06	41.16	Asphalt	10,080	-0.01
08/09/2021	16:10:37	78779.31	394764.21	41.17	Asphalt	11,100	1.20
08/09/2021	16:10:38	78779.61	394764.56	41.11	Asphalt	11,580	1.77
08/09/2021	16:10:39	78779.51	394764.66	41.07	Asphalt	9,960	-0.15
08/09/2021	16:10:40	78779.62	394764.91	41.06	Asphalt	11,460	1.63
08/09/2021	16:10:41	78779.70	394765.11	41.00	Asphalt	11,160	1.27
08/09/2021	16:10:42	78779.65	394765.30	40.99	Asphalt	10,620	0.63
08/09/2021	16:10:43	78779.87	394765.45	40.95	Asphalt	10,260	0.21
08/09/2021	16:10:44	78779.60	394765.43	40.95	Asphalt	11,040	1.13
08/09/2021	16:10:45	78779.76	394765.62	40.97	Asphalt	11,220	1.34
08/09/2021	16:10:46	78779.62	394765.91	40.93	Asphalt	9,360	-0.86
08/09/2021	16:10:47	78779.46	394766.00	40.93	Asphalt	9,420	-0.79
08/09/2021	16:10:48	78779.68	394766.20	40.95	Asphalt	10,080	-0.01
08/09/2021	16:10:49	78779.48	394766.19	40.95	Asphalt	9,060	-1.21
08/09/2021	16:10:50	78779.52	394766.36	40.97	Asphalt	9,300	-0.93
08/09/2021	16:10:51	78779.52	394766.69	40.92	Asphalt	10,500	0.49
08/09/2021	16:10:52	78779.44	394766.92	40.84	Asphalt	10,320	0.28
08/09/2021	16:10:53	78779.61	394767.14	40.80	Asphalt	11,220	1.34
08/09/2021	16:10:54	78779.38	394767.11	40.83	Asphalt	11,700	1.91
08/09/2021	16:10:55	78779.48	394767.31	40.81	Asphalt	7,500	-3.06
08/09/2021	16:10:56	78779.44	394767.63	40.77	Asphalt	9,600	-0.57
08/09/2021	16:10:57	78779.23	394767.73	40.72	Asphalt	9,660	-0.50
08/09/2021	16:10:58	78779.27	394767.83	40.70	Asphalt	10,320	0.28
08/09/2021	16:10:59	78779.17	394767.94	40.66	Asphalt	9,900	-0.22
08/09/2021	16:11:00	78779.07	394768.03	40.63	Asphalt	11,220	1.34
08/09/2021	16:11:01	78779.14	394768.37	40.55	Asphalt	10,260	0.21
08/09/2021	16:11:02	78779.01	394768.63	40.52	Asphalt	10,080	-0.01
08/09/2021	16:11:03	78779.21	394768.85	40.50	Asphalt	10,140	0.07
08/09/2021	16:11:04	78778.96	394768.78	40.47	Asphalt	10,440	0.42
08/09/2021	16:11:05	78779.12	394768.93	40.42	Asphalt	10,380	0.35
08/09/2021	16:11:06	78779.19	394769.13	40.41	Asphalt	9,900	-0.22
08/09/2021	16:11:07	78779.19	394769.12	40.39	Asphalt	10,740	0.78

SU 7D GWS RESULTS
(ASPHALT)

08/09/2021	16:11:08	78779.17	394769.03	40.39	Asphalt	9,720	-0.43
08/09/2021	16:11:09	78779.16	394769.02	40.39	Asphalt	9,360	-0.86
08/09/2021	16:11:10	78779.18	394769.07	40.40	Asphalt	9,000	-1.28
08/09/2021	16:11:11	78779.17	394769.08	40.40	Asphalt	9,060	-1.21
08/09/2021	16:11:12	78779.15	394769.06	40.40	Asphalt	10,560	0.56
08/09/2021	16:11:13	78779.15	394769.08	40.38	Asphalt	10,260	0.21
08/09/2021	16:11:14	78779.13	394769.07	40.36	Asphalt	10,800	0.85
08/09/2021	16:11:15	78779.12	394769.07	40.35	Asphalt	10,800	0.85
08/09/2021	16:11:16	78779.11	394769.08	40.33	Asphalt	10,680	0.70
08/09/2021	16:11:17	78779.11	394769.08	40.31	Asphalt	9,120	-1.14
08/09/2021	16:11:18	78779.11	394769.06	40.28	Asphalt	11,160	1.27
08/09/2021	16:11:19	78779.10	394769.05	40.25	Asphalt	9,420	-0.79
08/09/2021	16:11:20	78779.10	394769.04	40.20	Asphalt	10,380	0.35
08/09/2021	16:11:21	78779.05	394769.02	40.21	Asphalt	10,860	0.92
08/09/2021	16:11:22	78778.83	394768.94	40.18	Asphalt	8,820	-1.50
08/09/2021	16:11:23	78778.92	394768.96	40.12	Asphalt	12,060	2.34
08/09/2021	16:11:24	78778.99	394769.21	40.07	Asphalt	9,120	-1.14
08/09/2021	16:11:25	78778.76	394769.30	40.01	Asphalt	10,080	-0.01
08/09/2021	16:11:26	78778.89	394769.50	39.96	Asphalt	9,840	-0.29
08/09/2021	16:11:27	78778.75	394769.55	39.90	Asphalt	10,020	-0.08
08/09/2021	16:11:28	78778.86	394769.73	39.81	Asphalt	9,480	-0.72
08/09/2021	16:11:29	78778.80	394770.11	39.77	Asphalt	11,820	2.05
08/09/2021	16:11:30	78778.64	394770.19	39.81	Asphalt	10,800	0.85
08/09/2021	16:11:31	78778.55	394770.00	39.86	Asphalt	10,560	0.56
08/09/2021	16:11:32	78778.69	394769.75	39.91	Asphalt	9,000	-1.28
08/09/2021	16:11:33	78778.73	394769.89	40.03	Asphalt	9,480	-0.72
08/09/2021	16:11:34	78778.64	394769.69	40.10	Asphalt	11,340	1.49
08/09/2021	16:11:35	78778.66	394769.29	40.10	Asphalt	10,800	0.85
08/09/2021	16:11:36	78778.89	394769.20	40.11	Asphalt	10,560	0.56
08/09/2021	16:11:37	78778.89	394769.12	40.17	Asphalt	9,540	-0.64
08/09/2021	16:11:38	78778.93	394769.04	40.13	Asphalt	9,720	-0.43
08/09/2021	16:11:39	78779.09	394769.04	40.21	Asphalt	10,800	0.85
08/09/2021	16:11:40	78778.91	394768.79	40.20	Asphalt	10,920	0.99
08/09/2021	16:11:41	78779.18	394768.62	40.19	Asphalt	10,680	0.70
08/09/2021	16:11:42	78778.93	394768.37	40.15	Asphalt	10,500	0.49
08/09/2021	16:11:43	78779.05	394768.30	40.24	Asphalt	10,680	0.70
08/09/2021	16:11:44	78779.00	394768.27	40.33	Asphalt	9,600	-0.57
08/09/2021	16:11:45	78779.01	394767.95	40.35	Asphalt	10,500	0.49
08/09/2021	16:11:46	78779.24	394767.66	40.33	Asphalt	10,860	0.92
08/09/2021	16:11:47	78778.99	394767.47	40.31	Asphalt	10,140	0.07
08/09/2021	16:11:48	78779.12	394767.51	40.34	Asphalt	9,300	-0.93
08/09/2021	16:11:49	78779.07	394767.35	40.42	Asphalt	9,420	-0.79
08/09/2021	16:11:50	78779.06	394767.08	40.45	Asphalt	9,360	-0.86
08/09/2021	16:11:51	78779.21	394766.90	40.44	Asphalt	9,840	-0.29
08/09/2021	16:11:52	78778.97	394766.73	40.43	Asphalt	11,640	1.84
08/09/2021	16:11:53	78779.13	394766.75	40.48	Asphalt	11,520	1.70
08/09/2021	16:11:54	78779.00	394766.58	40.51	Asphalt	9,480	-0.72
08/09/2021	16:11:55	78778.91	394766.24	40.51	Asphalt	10,020	-0.08
08/09/2021	16:11:56	78779.12	394766.09	40.51	Asphalt	9,600	-0.57
08/09/2021	16:11:57	78778.98	394765.90	40.54	Asphalt	10,800	0.85
08/09/2021	16:11:58	78779.16	394765.88	40.59	Asphalt	11,220	1.34

SU 7D GWS RESULTS
(ASPHALT)

08/09/2021	16:11:59	78779.08	394765.65	40.63	Asphalt	10,680	0.70
08/09/2021	16:12:00	78779.14	394765.29	40.65	Asphalt	10,260	0.21
08/09/2021	16:12:01	78779.29	394765.16	40.65	Asphalt	9,840	-0.29
08/09/2021	16:12:02	78779.14	394764.99	40.72	Asphalt	11,100	1.20
08/09/2021	16:12:03	78779.29	394764.93	40.73	Asphalt	9,720	-0.43
08/09/2021	16:12:04	78779.11	394764.48	40.74	Asphalt	12,600	2.98
08/09/2021	16:12:29	78778.98	394764.15	40.70	Asphalt	10,440	0.42
08/09/2021	16:12:30	78779.00	394764.12	40.78	Asphalt	10,200	0.14
08/09/2021	16:12:31	78778.98	394764.10	40.84	Asphalt	9,960	-0.15
08/09/2021	16:12:32	78778.85	394764.04	40.87	Asphalt	12,300	2.62
08/09/2021	16:12:33	78778.72	394764.17	40.91	Asphalt	11,100	1.20
08/09/2021	16:12:34	78778.92	394764.47	40.94	Asphalt	11,400	1.56
08/09/2021	16:12:35	78778.66	394764.53	40.94	Asphalt	12,960	3.40
08/09/2021	16:12:36	78778.77	394764.70	41.01	Asphalt	9,720	-0.43
08/09/2021	16:12:37	78778.84	394764.88	40.98	Asphalt	11,880	2.12
08/09/2021	16:12:38	78778.57	394764.96	41.01	Asphalt	11,760	1.98
08/09/2021	16:12:39	78778.87	394765.15	41.02	Asphalt	9,720	-0.43
08/09/2021	16:12:40	78778.73	394765.23	40.99	Asphalt	10,620	0.63
08/09/2021	16:12:41	78778.67	394765.33	41.05	Asphalt	10,500	0.49
08/09/2021	16:12:42	78778.88	394765.50	40.99	Asphalt	9,240	-1.00
08/09/2021	16:12:43	78778.56	394765.53	40.98	Asphalt	10,740	0.78
08/09/2021	16:12:44	78778.79	394765.71	40.97	Asphalt	10,920	0.99
08/09/2021	16:12:45	78778.65	394765.85	40.94	Asphalt	10,320	0.28
08/09/2021	16:12:46	78778.66	394765.98	40.99	Asphalt	9,420	-0.79
08/09/2021	16:12:47	78778.79	394766.12	40.95	Asphalt	11,100	1.20
08/09/2021	16:12:48	78778.49	394766.05	40.97	Asphalt	9,840	-0.29
08/09/2021	16:12:49	78778.79	394766.29	40.96	Asphalt	9,840	-0.29
08/09/2021	16:12:50	78778.61	394766.53	40.96	Asphalt	10,260	0.21
08/09/2021	16:12:51	78778.52	394766.65	40.98	Asphalt	9,720	-0.43
08/09/2021	16:12:52	78778.63	394766.77	40.95	Asphalt	9,420	-0.79
08/09/2021	16:12:53	78778.43	394766.69	40.95	Asphalt	10,800	0.85
08/09/2021	16:12:54	78778.66	394766.91	40.94	Asphalt	10,080	-0.01
08/09/2021	16:12:55	78778.70	394767.17	40.91	Asphalt	12,180	2.48
08/09/2021	16:12:56	78778.40	394767.20	40.86	Asphalt	8,760	-1.57
08/09/2021	16:12:57	78778.73	394767.40	40.92	Asphalt	11,220	1.34
08/09/2021	16:12:58	78778.60	394767.47	40.84	Asphalt	9,360	-0.86
08/09/2021	16:12:59	78778.28	394767.54	40.75	Asphalt	9,720	-0.43
08/09/2021	16:13:00	78778.64	394767.79	40.70	Asphalt	10,680	0.70
08/09/2021	16:13:01	78778.63	394768.01	40.69	Asphalt	11,040	1.13
08/09/2021	16:13:02	78778.32	394768.03	40.63	Asphalt	9,360	-0.86
08/09/2021	16:13:03	78778.54	394768.18	40.70	Asphalt	9,180	-1.07
08/09/2021	16:13:04	78778.39	394768.22	40.66	Asphalt	9,600	-0.57
08/09/2021	16:13:05	78778.34	394768.28	40.67	Asphalt	9,600	-0.57
08/09/2021	16:13:06	78778.51	394768.57	40.66	Asphalt	10,560	0.56
08/09/2021	16:13:07	78778.31	394768.76	40.63	Asphalt	9,960	-0.15
08/09/2021	16:13:08	78778.55	394768.97	40.62	Asphalt	10,320	0.28
08/09/2021	16:13:09	78778.27	394768.93	40.62	Asphalt	10,260	0.21
08/09/2021	16:13:10	78778.35	394769.07	40.56	Asphalt	10,500	0.49
08/09/2021	16:13:11	78778.45	394769.43	40.50	Asphalt	11,220	1.34
08/09/2021	16:13:12	78778.30	394769.56	40.50	Asphalt	9,480	-0.72
08/09/2021	16:13:13	78778.45	394769.71	40.42	Asphalt	10,320	0.28

SU 7D GWS RESULTS
(ASPHALT)

08/09/2021	16:13:14	78778.20	394769.65	40.36	Asphalt	11,940	2.20
08/09/2021	16:13:15	78778.29	394769.88	40.39	Asphalt	10,080	-0.01
08/09/2021	16:13:16	78778.05	394770.11	40.39	Asphalt	10,800	0.85
08/09/2021	16:13:17	78777.93	394770.01	40.40	Asphalt	9,900	-0.22
08/09/2021	16:13:18	78778.21	394769.87	40.40	Asphalt	10,260	0.21
08/09/2021	16:13:19	78778.21	394770.20	40.40	Asphalt	11,820	2.05
08/09/2021	16:13:20	78778.33	394770.21	40.42	Asphalt	8,640	-1.71
08/09/2021	16:13:21	78778.16	394769.90	40.43	Asphalt	11,640	1.84
08/09/2021	16:13:22	78778.35	394769.72	40.44	Asphalt	9,480	-0.72
08/09/2021	16:13:23	78778.25	394769.49	40.43	Asphalt	10,020	-0.08
08/09/2021	16:13:24	78778.27	394769.41	40.46	Asphalt	12,060	2.34
08/09/2021	16:13:25	78778.35	394769.43	40.46	Asphalt	10,680	0.70
08/09/2021	16:13:26	78778.17	394769.14	40.43	Asphalt	8,640	-1.71
08/09/2021	16:13:27	78778.37	394768.95	40.40	Asphalt	9,000	-1.28
08/09/2021	16:13:28	78778.37	394768.81	40.44	Asphalt	10,500	0.49
08/09/2021	16:13:29	78778.30	394768.67	40.36	Asphalt	8,100	-2.35
08/09/2021	16:13:30	78778.55	394768.73	40.42	Asphalt	10,920	0.99
08/09/2021	16:13:31	78778.34	394768.46	40.43	Asphalt	9,660	-0.50
08/09/2021	16:13:32	78778.56	394768.25	40.39	Asphalt	9,780	-0.36
08/09/2021	16:13:33	78778.49	394768.11	40.40	Asphalt	10,500	0.49
08/09/2021	16:13:34	78778.42	394768.00	40.35	Asphalt	10,800	0.85
08/09/2021	16:13:35	78778.63	394768.00	40.40	Asphalt	10,200	0.14
08/09/2021	16:13:36	78778.58	394767.62	40.39	Asphalt	8,700	-1.64
08/09/2021	16:13:37	78778.83	394767.40	40.40	Asphalt	10,560	0.56
08/09/2021	16:13:38	78778.72	394767.33	40.43	Asphalt	9,600	-0.57
08/09/2021	16:13:39	78778.74	394767.06	40.43	Asphalt	10,740	0.78
08/09/2021	16:13:40	78778.80	394766.87	40.41	Asphalt	9,540	-0.64
08/09/2021	16:13:41	78778.61	394766.62	40.31	Asphalt	9,660	-0.50
08/09/2021	16:13:42	78778.90	394766.68	40.39	Asphalt	9,420	-0.79
08/09/2021	16:13:43	78778.69	394766.45	40.39	Asphalt	10,800	0.85
08/09/2021	16:13:44	78778.82	394766.11	40.35	Asphalt	8,520	-1.85
08/09/2021	16:13:45	78778.81	394765.94	40.32	Asphalt	9,000	-1.28
08/09/2021	16:13:46	78778.85	394765.82	40.27	Asphalt	12,540	2.91
08/09/2021	16:13:47	78778.94	394765.83	40.42	Asphalt	10,980	1.06
08/09/2021	16:13:48	78778.80	394765.51	40.34	Asphalt	9,780	-0.36
08/09/2021	16:13:49	78778.92	394765.19	40.29	Asphalt	10,080	-0.01
08/09/2021	16:13:50	78778.91	394765.03	40.37	Asphalt	11,100	1.20
08/09/2021	16:13:51	78778.86	394764.80	40.25	Asphalt	9,540	-0.64
08/09/2021	16:13:52	78779.07	394764.74	40.30	Asphalt	9,480	-0.72
08/09/2021	16:13:53	78778.86	394764.32	40.33	Asphalt	11,580	1.77
08/09/2021	16:14:30	78778.23	394764.13	40.48	Asphalt	9,660	-0.50
08/09/2021	16:14:31	78778.20	394764.10	40.51	Asphalt	10,560	0.56
08/09/2021	16:14:32	78778.11	394763.87	40.53	Asphalt	10,860	0.92
08/09/2021	16:14:33	78778.22	394764.06	40.59	Asphalt	10,980	1.06
08/09/2021	16:14:34	78778.42	394764.43	40.60	Asphalt	10,680	0.70
08/09/2021	16:14:35	78778.15	394764.51	40.62	Asphalt	11,520	1.70
08/09/2021	16:14:36	78778.32	394764.78	40.63	Asphalt	11,940	2.20
08/09/2021	16:14:37	78778.17	394764.74	40.63	Asphalt	10,620	0.63
08/09/2021	16:14:38	78778.21	394764.82	40.64	Asphalt	11,220	1.34
08/09/2021	16:14:39	78778.35	394765.16	40.62	Asphalt	10,860	0.92
08/09/2021	16:14:40	78778.12	394765.25	40.61	Asphalt	11,040	1.13

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(ASPHALT)

08/09/2021	16:14:41	78778.28	394765.36	40.66	Asphalt	9,660	-0.50
08/09/2021	16:14:42	78778.36	394765.45	40.62	Asphalt	10,380	0.35
08/09/2021	16:14:43	78778.04	394765.39	40.58	Asphalt	8,220	-2.21
08/09/2021	16:14:44	78778.31	394765.67	40.57	Asphalt	10,620	0.63
08/09/2021	16:14:45	78778.17	394765.89	40.56	Asphalt	11,700	1.91
08/09/2021	16:14:46	78778.04	394765.95	40.56	Asphalt	9,960	-0.15
08/09/2021	16:14:47	78778.34	394766.18	40.52	Asphalt	9,240	-1.00
08/09/2021	16:14:48	78777.98	394766.10	40.51	Asphalt	10,860	0.92
08/09/2021	16:14:49	78778.19	394766.32	40.43	Asphalt	10,080	-0.01
08/09/2021	16:14:50	78778.23	394766.69	40.42	Asphalt	10,380	0.35
08/09/2021	16:14:51	78778.08	394766.80	40.38	Asphalt	9,180	-1.07
08/09/2021	16:14:52	78778.22	394766.98	40.36	Asphalt	9,600	-0.57
08/09/2021	16:14:53	78777.94	394766.94	40.35	Asphalt	9,780	-0.36
08/09/2021	16:14:54	78778.13	394767.20	40.38	Asphalt	11,340	1.49
08/09/2021	16:14:55	78778.09	394767.56	40.34	Asphalt	8,340	-2.07
08/09/2021	16:14:56	78777.79	394767.63	40.35	Asphalt	9,840	-0.29
08/09/2021	16:14:57	78777.96	394767.80	40.37	Asphalt	10,680	0.70
08/09/2021	16:14:58	78777.77	394767.81	40.36	Asphalt	9,900	-0.22
08/09/2021	16:14:59	78777.79	394768.03	40.35	Asphalt	10,380	0.35
08/09/2021	16:15:00	78777.86	394768.35	40.34	Asphalt	9,420	-0.79
08/09/2021	16:15:01	78777.75	394768.62	40.34	Asphalt	9,360	-0.86
08/09/2021	16:15:02	78777.98	394768.86	40.27	Asphalt	10,080	-0.01
08/09/2021	16:15:03	78777.57	394768.79	40.28	Asphalt	10,440	0.42
08/09/2021	16:15:04	78777.82	394769.08	40.24	Asphalt	10,380	0.35
08/09/2021	16:15:05	78777.70	394769.48	40.20	Asphalt	10,440	0.42
08/09/2021	16:15:06	78777.61	394769.66	40.20	Asphalt	11,460	1.63
08/09/2021	16:15:07	78777.66	394769.82	40.16	Asphalt	11,460	1.63
08/09/2021	16:15:08	78777.48	394769.88	40.23	Asphalt	10,080	-0.01
08/09/2021	16:15:09	78777.45	394770.09	40.26	Asphalt	9,300	-0.93
08/09/2021	16:15:10	78777.14	394769.83	40.25	Asphalt	10,620	0.63
08/09/2021	16:15:11	78777.41	394769.52	40.19	Asphalt	10,440	0.42
08/09/2021	16:15:12	78777.48	394769.73	40.27	Asphalt	10,500	0.49
08/09/2021	16:15:13	78777.18	394769.54	40.29	Asphalt	11,220	1.34
08/09/2021	16:15:14	78777.43	394769.31	40.30	Asphalt	11,640	1.84
08/09/2021	16:15:15	78777.40	394769.16	40.40	Asphalt	10,500	0.49
08/09/2021	16:15:16	78777.28	394769.05	40.36	Asphalt	10,920	0.99
08/09/2021	16:15:17	78777.61	394768.95	40.38	Asphalt	10,440	0.42
08/09/2021	16:15:18	78777.40	394768.85	40.45	Asphalt	10,140	0.07
08/09/2021	16:15:19	78777.36	394768.70	40.44	Asphalt	10,140	0.07
08/09/2021	16:15:20	78777.55	394768.72	40.50	Asphalt	10,020	-0.08
08/09/2021	16:15:21	78777.36	394768.46	40.45	Asphalt	10,800	0.85
08/09/2021	16:15:22	78777.66	394768.52	40.45	Asphalt	9,900	-0.22
08/09/2021	16:15:23	78777.46	394768.37	40.51	Asphalt	9,960	-0.15
08/09/2021	16:15:24	78777.48	394768.08	40.52	Asphalt	11,400	1.56
08/09/2021	16:15:25	78777.68	394767.95	40.51	Asphalt	8,820	-1.50
08/09/2021	16:15:26	78777.47	394767.73	40.43	Asphalt	10,500	0.49
08/09/2021	16:15:27	78777.77	394767.84	40.54	Asphalt	10,920	0.99
08/09/2021	16:15:28	78777.58	394767.59	40.56	Asphalt	10,140	0.07
08/09/2021	16:15:29	78777.66	394767.21	40.56	Asphalt	9,840	-0.29
08/09/2021	16:15:30	78777.88	394767.11	40.59	Asphalt	10,380	0.35
08/09/2021	16:15:31	78777.70	394766.89	40.54	Asphalt	10,140	0.07

SU 7D GWS RESULTS
(ASPHALT)

08/09/2021	16:15:32	78778.01	394766.86	40.63	Asphalt	10,140	0.07
08/09/2021	16:15:33	78777.79	394766.64	40.67	Asphalt	11,520	1.70
08/09/2021	16:15:34	78778.05	394766.30	40.65	Asphalt	8,460	-1.92
08/09/2021	16:15:35	78778.01	394766.12	40.73	Asphalt	9,960	-0.15
08/09/2021	16:15:36	78778.04	394765.95	40.72	Asphalt	10,020	-0.08
08/09/2021	16:15:37	78778.21	394765.77	40.79	Asphalt	9,240	-1.00
08/09/2021	16:15:38	78778.05	394765.51	40.71	Asphalt	11,520	1.70
08/09/2021	16:15:39	78778.35	394765.50	40.76	Asphalt	12,300	2.62
08/09/2021	16:15:40	78778.16	394765.15	40.77	Asphalt	11,880	2.12
08/09/2021	16:15:41	78778.38	394764.89	40.76	Asphalt	10,440	0.42
08/09/2021	16:15:42	78778.21	394764.61	40.72	Asphalt	10,680	0.70
08/09/2021	16:15:43	78778.49	394764.51	40.67	Asphalt	11,340	1.49
08/09/2021	16:15:44	78778.44	394764.34	40.71	Asphalt	11,220	1.34
08/09/2021	16:15:45	78778.49	394763.88	40.67	Asphalt	10,680	0.70
08/09/2021	16:15:46	78778.23	394763.90	40.67	Asphalt	11,760	1.98
08/09/2021	16:17:12	78778.65	394764.85	40.51	Asphalt	11,340	1.49
08/09/2021	16:17:13	78778.65	394764.86	40.50	Asphalt	10,500	0.49
08/09/2021	16:17:14	78778.66	394764.88	40.50	Asphalt	10,620	0.63
08/09/2021	16:17:15	78778.80	394764.89	40.56	Asphalt	12,060	2.34
08/09/2021	16:17:16	78778.82	394764.99	40.57	Asphalt	10,620	0.63
08/09/2021	16:17:17	78778.78	394765.20	40.67	Asphalt	10,740	0.78
08/09/2021	16:17:18	78778.55	394765.27	40.67	Asphalt	9,960	-0.15
08/09/2021	16:17:19	78778.77	394765.57	40.69	Asphalt	10,320	0.28
08/09/2021	16:17:20	78778.58	394765.79	40.82	Asphalt	11,940	2.20
08/09/2021	16:17:21	78778.70	394765.91	40.87	Asphalt	9,540	-0.64
08/09/2021	16:17:22	78778.87	394766.21	40.88	Asphalt	9,600	-0.57
08/09/2021	16:17:23	78778.30	394766.34	40.88	Asphalt	9,900	-0.22
08/09/2021	16:17:24	78778.61	394766.69	40.97	Asphalt	10,080	-0.01
08/09/2021	16:17:25	78778.60	394766.84	41.01	Asphalt	9,780	-0.36
08/09/2021	16:17:26	78778.27	394766.94	41.01	Asphalt	9,840	-0.29
08/09/2021	16:17:27	78778.60	394767.23	41.01	Asphalt	9,840	-0.29
08/09/2021	16:17:28	78778.04	394767.29	41.07	Asphalt	10,260	0.21
08/09/2021	16:17:29	78777.83	394767.42	41.06	Asphalt	11,040	1.13
08/09/2021	16:17:30	78778.28	394767.75	41.06	Asphalt	9,780	-0.36
08/09/2021	16:17:31	78777.89	394767.79	41.10	Asphalt	9,120	-1.14
08/09/2021	16:17:32	78777.85	394768.08	41.10	Asphalt	9,120	-1.14
08/09/2021	16:17:33	78777.93	394768.39	41.11	Asphalt	8,880	-1.43
08/09/2021	16:17:34	78777.68	394768.58	41.10	Asphalt	10,200	0.14
08/09/2021	16:17:35	78778.10	394768.83	41.07	Asphalt	9,600	-0.57
08/09/2021	16:17:36	78777.56	394769.02	41.07	Asphalt	10,140	0.07
08/09/2021	16:17:37	78777.80	394769.28	41.03	Asphalt	11,160	1.27
08/09/2021	16:17:38	78777.59	394769.47	41.03	Asphalt	10,620	0.63
08/09/2021	16:17:39	78777.86	394769.62	41.01	Asphalt	9,660	-0.50
08/09/2021	16:17:40	78777.82	394769.91	41.00	Asphalt	9,000	-1.28
08/09/2021	16:17:41	78777.69	394770.16	40.96	Asphalt	11,520	1.70
08/09/2021	16:17:41	78777.76	394770.47	40.93	Asphalt	10,560	0.56
08/09/2021	16:17:43	78777.56	394770.69	40.97	Asphalt	11,220	1.34
08/09/2021	16:17:44	78777.55	394770.82	40.96	Asphalt	10,560	0.56
08/09/2021	16:17:45	78776.93	394770.75	41.05	Asphalt	10,920	0.99
08/09/2021	16:17:46	78776.74	394770.29	41.05	Asphalt	10,320	0.28
08/09/2021	16:17:47	78777.41	394770.33	41.03	Asphalt	10,500	0.49

SU 7D GWS RESULTS
(ASPHALT)

08/09/2021	16:17:48	78776.93	394770.02	41.00	Asphalt	10,380	0.35
08/09/2021	16:17:49	78776.90	394770.06	40.95	Asphalt	10,740	0.78
08/09/2021	16:17:49	78777.32	394769.70	40.95	Asphalt	9,900	-0.22
08/09/2021	16:17:51	78777.05	394769.43	40.85	Asphalt	9,660	-0.50
08/09/2021	16:17:52	78777.33	394769.34	40.87	Asphalt	10,980	1.06
08/09/2021	16:17:53	78777.17	394769.14	40.87	Asphalt	10,260	0.21
08/09/2021	16:17:54	78777.00	394769.00	40.76	Asphalt	10,560	0.56
08/09/2021	16:17:55	78777.32	394768.73	40.73	Asphalt	9,180	-1.07
08/09/2021	16:17:56	78777.21	394768.42	40.73	Asphalt	10,320	0.28
08/09/2021	16:17:57	78777.52	394768.32	40.69	Asphalt	9,060	-1.21
08/09/2021	16:17:58	78777.29	394768.20	40.66	Asphalt	11,340	1.49
08/09/2021	16:17:59	78777.23	394767.99	40.66	Asphalt	11,640	1.84
08/09/2021	16:17:59	78777.67	394767.79	40.60	Asphalt	9,960	-0.15
08/09/2021	16:18:01	78777.37	394767.54	40.55	Asphalt	10,740	0.78
08/09/2021	16:18:02	78777.61	394767.49	40.55	Asphalt	10,500	0.49
08/09/2021	16:18:02	78777.68	394767.29	40.50	Asphalt	10,140	0.07
08/09/2021	16:18:04	78777.59	394767.11	40.50	Asphalt	11,520	1.70
08/09/2021	16:18:04	78777.98	394767.05	40.57	Asphalt	10,380	0.35
08/09/2021	16:18:06	78777.56	394766.87	40.53	Asphalt	11,340	1.49
08/09/2021	16:18:07	78777.85	394766.75	40.49	Asphalt	11,220	1.34
08/09/2021	16:18:07	78777.76	394766.46	40.49	Asphalt	8,940	-1.36
08/09/2021	16:18:08	78777.85	394766.22	40.53	Asphalt	9,480	-0.72
08/09/2021	16:18:10	78778.06	394766.04	40.49	Asphalt	10,980	1.06
08/09/2021	16:18:11	78777.79	394765.87	40.51	Asphalt	11,700	1.91
08/09/2021	16:18:11	78778.20	394765.59	40.47	Asphalt	10,140	0.07
08/09/2021	16:18:12	78778.02	394765.30	40.47	Asphalt	11,820	2.05
08/09/2021	16:18:13	78778.47	394765.07	40.44	Asphalt	11,340	1.49
08/09/2021	16:18:15	78778.30	394764.87	40.43	Asphalt	10,680	0.70
08/09/2021	16:18:16	78778.15	394764.66	40.38	Asphalt	11,520	1.70
08/09/2021	16:18:17	78778.10	394764.83	40.38	Asphalt	9,900	-0.22
08/09/2021	16:18:17	78778.12	394764.91	40.39	Asphalt	10,920	0.99
08/09/2021	16:18:45	78778.37	394764.42	40.28	Asphalt	9,780	-0.36
08/09/2021	16:18:46	78778.39	394764.42	40.33	Asphalt	11,100	1.20
08/09/2021	16:18:47	78778.43	394764.40	40.29	Asphalt	12,120	2.41
08/09/2021	16:18:48	78778.47	394764.84	40.29	Asphalt	11,640	1.84
08/09/2021	16:18:49	78778.35	394764.94	40.29	Asphalt	10,680	0.70
08/09/2021	16:18:50	78778.43	394765.10	40.28	Asphalt	11,280	1.41
08/09/2021	16:18:51	78778.43	394765.41	40.26	Asphalt	10,800	0.85
08/09/2021	16:18:52	78778.07	394765.50	40.23	Asphalt	10,860	0.92
08/09/2021	16:18:54	78778.51	394765.68	40.25	Asphalt	10,380	0.35
08/09/2021	16:18:55	78778.11	394765.84	40.22	Asphalt	9,900	-0.22
08/09/2021	16:18:55	78778.09	394766.00	40.22	Asphalt	10,080	-0.01
08/09/2021	16:18:56	78778.32	394766.23	40.23	Asphalt	8,520	-1.85
08/09/2021	16:18:57	78777.97	394766.32	40.23	Asphalt	10,140	0.07
08/09/2021	16:18:59	78778.30	394766.53	40.20	Asphalt	9,420	-0.79
08/09/2021	16:18:59	78778.18	394766.67	40.25	Asphalt	9,780	-0.36
08/09/2021	16:19:00	78778.01	394766.67	40.25	Asphalt	9,300	-0.93
08/09/2021	16:19:01	78778.02	394766.85	40.25	Asphalt	9,120	-1.14
08/09/2021	16:19:02	78778.01	394766.86	40.25	Asphalt	9,960	-0.15
08/09/2021	16:19:03	78778.13	394766.85	40.30	Asphalt	8,820	-1.50
08/09/2021	16:19:04	78778.14	394766.89	40.30	Asphalt	9,480	-0.72

SU 7D GWS RESULTS
(ASPHALT)

08/09/2021	16:19:05	78778.04	394766.92	40.32	Asphalt	9,900	-0.22
08/09/2021	16:19:06	78778.08	394766.94	40.31	Asphalt	10,680	0.70
08/09/2021	16:19:08	78778.11	394767.00	40.30	Asphalt	9,840	-0.29
08/09/2021	16:19:08	78777.69	394767.04	40.30	Asphalt	9,660	-0.50
08/09/2021	16:19:09	78778.16	394767.27	40.27	Asphalt	8,820	-1.50
08/09/2021	16:19:10	78777.87	394767.37	40.25	Asphalt	9,780	-0.36
08/09/2021	16:19:11	78777.68	394767.46	40.25	Asphalt	9,360	-0.86
08/09/2021	16:19:12	78778.04	394767.71	40.20	Asphalt	9,660	-0.50
08/09/2021	16:19:13	78777.63	394767.76	40.17	Asphalt	10,560	0.56
08/09/2021	16:19:14	78777.89	394768.06	40.17	Asphalt	10,260	0.21
08/09/2021	16:19:15	78777.68	394768.26	40.20	Asphalt	8,280	-2.14
08/09/2021	16:19:16	78777.59	394768.48	40.19	Asphalt	9,900	-0.22
08/09/2021	16:19:17	78777.92	394768.69	40.21	Asphalt	9,900	-0.22
08/09/2021	16:19:18	78777.47	394768.84	40.22	Asphalt	10,620	0.63
08/09/2021	16:19:19	78777.83	394769.11	40.15	Asphalt	10,320	0.28
08/09/2021	16:19:20	78777.51	394769.25	40.15	Asphalt	9,720	-0.43
08/09/2021	16:19:21	78777.75	394769.47	40.15	Asphalt	9,840	-0.29
08/09/2021	16:19:22	78777.66	394769.85	40.19	Asphalt	10,740	0.78
08/09/2021	16:19:23	78777.19	394770.05	40.19	Asphalt	11,580	1.77
08/09/2021	16:19:24	78776.72	394769.78	40.19	Asphalt	12,180	2.48
08/09/2021	16:19:25	78776.83	394769.33	40.26	Asphalt	9,960	-0.15
08/09/2021	16:19:26	78777.44	394769.31	40.27	Asphalt	9,840	-0.29
08/09/2021	16:19:27	78776.85	394769.02	40.24	Asphalt	11,220	1.34
08/09/2021	16:19:28	78777.00	394768.88	40.26	Asphalt	10,140	0.07
08/09/2021	16:19:29	78777.17	394768.65	40.32	Asphalt	9,960	-0.15
08/09/2021	16:19:30	78777.12	394768.35	40.32	Asphalt	10,620	0.63
08/09/2021	16:19:31	78777.44	394768.29	40.36	Asphalt	9,600	-0.57
08/09/2021	16:19:32	78777.06	394768.04	40.30	Asphalt	9,780	-0.36
08/09/2021	16:19:33	78777.34	394767.83	40.28	Asphalt	9,720	-0.43
08/09/2021	16:19:34	78777.33	394767.54	40.28	Asphalt	8,640	-1.71
08/09/2021	16:19:35	78777.34	394767.26	40.31	Asphalt	9,360	-0.86
08/09/2021	16:19:36	78777.53	394767.14	40.36	Asphalt	9,480	-0.72
08/09/2021	16:19:37	78777.28	394766.89	40.24	Asphalt	9,720	-0.43
08/09/2021	16:19:39	78777.67	394766.79	40.25	Asphalt	9,540	-0.64
08/09/2021	16:19:40	78777.37	394766.48	40.29	Asphalt	11,280	1.41
08/09/2021	16:19:41	78777.57	394766.32	40.34	Asphalt	10,380	0.35
08/09/2021	16:19:42	78777.65	394766.12	40.34	Asphalt	9,720	-0.43
08/09/2021	16:19:43	78777.47	394765.78	40.36	Asphalt	10,560	0.56
08/09/2021	16:19:44	78777.86	394765.57	40.35	Asphalt	7,860	-2.63
08/09/2021	16:19:45	78777.49	394765.31	40.35	Asphalt	11,280	1.41
08/09/2021	16:19:45	78777.81	394765.10	40.37	Asphalt	10,440	0.42
08/09/2021	16:19:46	78777.73	394764.79	40.40	Asphalt	11,100	1.20
08/09/2021	16:19:48	78777.70	394764.47	40.42	Asphalt	10,260	0.21
08/09/2021	16:19:49	78777.57	394764.49	40.42	Asphalt	11,100	1.20
08/09/2021	16:19:49	78777.26	394764.97	40.32	Asphalt	11,100	1.20
08/09/2021	16:19:51	78777.69	394765.14	40.32	Asphalt	10,620	0.63
08/09/2021	16:19:51	78777.36	394765.31	40.37	Asphalt	10,380	0.35
08/09/2021	16:19:52	78776.99	394765.44	40.39	Asphalt	10,620	0.63
08/09/2021	16:19:53	78777.48	394765.64	40.36	Asphalt	9,300	-0.93
08/09/2021	16:19:54	78777.14	394765.84	40.40	Asphalt	9,780	-0.36
08/09/2021	16:19:56	78777.22	394766.34	40.50	Asphalt	9,540	-0.64

SU 7D GWS RESULTS
(ASPHALT)

08/09/2021	16:19:56	78776.87	394766.56	40.50	Asphalt	9,600	-0.57
08/09/2021	16:19:57	78777.08	394766.81	40.49	Asphalt	10,080	-0.01
08/09/2021	16:19:58	78777.08	394767.13	40.44	Asphalt	9,900	-0.22
08/09/2021	16:19:59	78776.91	394767.55	40.48	Asphalt	11,460	1.63
08/09/2021	16:20:01	78777.00	394767.96	40.40	Asphalt	10,680	0.70
08/09/2021	16:20:01	78776.70	394768.15	40.43	Asphalt	10,440	0.42
08/09/2021	16:20:02	78776.99	394768.34	40.31	Asphalt	8,820	-1.50
08/09/2021	16:20:03	78776.65	394768.57	40.30	Asphalt	10,080	-0.01
08/09/2021	16:20:04	78776.64	394768.96	40.30	Asphalt	10,140	0.07
08/09/2021	16:20:05	78776.27	394769.13	40.30	Asphalt	11,100	1.20
08/09/2021	16:20:06	78776.59	394769.42	40.30	Asphalt	11,640	1.84
08/09/2021	16:20:08	78776.67	394769.60	40.25	Asphalt	10,920	0.99
08/09/2021	16:20:08	78776.35	394769.75	40.25	Asphalt	10,200	0.14
08/09/2021	16:20:49	78776.10	394769.63	40.46	Asphalt	11,400	1.56
08/09/2021	16:20:50	78776.07	394769.63	40.47	Asphalt	10,500	0.49
08/09/2021	16:20:51	78776.04	394769.67	40.46	Asphalt	11,280	1.41
08/09/2021	16:20:52	78776.03	394769.54	40.44	Asphalt	9,900	-0.22
08/09/2021	16:20:53	78776.28	394769.28	40.55	Asphalt	10,140	0.07
08/09/2021	16:20:54	78776.05	394768.99	40.49	Asphalt	10,440	0.42
08/09/2021	16:20:55	78776.52	394768.79	40.51	Asphalt	10,020	-0.08
08/09/2021	16:20:56	78776.36	394768.66	40.58	Asphalt	10,020	-0.08
08/09/2021	16:20:57	78776.04	394768.57	40.54	Asphalt	9,840	-0.29
08/09/2021	16:20:58	78776.42	394768.41	40.63	Asphalt	9,600	-0.57
08/09/2021	16:20:59	78776.24	394768.16	40.61	Asphalt	11,400	1.56
08/09/2021	16:21:00	78776.49	394767.92	40.60	Asphalt	9,600	-0.57
08/09/2021	16:21:01	78776.59	394767.82	40.65	Asphalt	8,520	-1.85
08/09/2021	16:21:02	78776.19	394767.67	40.62	Asphalt	10,740	0.78
08/09/2021	16:21:03	78776.59	394767.59	40.62	Asphalt	10,320	0.28
08/09/2021	16:21:04	78776.55	394767.44	40.67	Asphalt	9,360	-0.86
08/09/2021	16:21:05	78776.35	394767.21	40.58	Asphalt	9,660	-0.50
08/09/2021	16:21:06	78776.64	394767.14	40.66	Asphalt	10,320	0.28
08/09/2021	16:21:07	78776.29	394766.98	40.62	Asphalt	9,600	-0.57
08/09/2021	16:21:08	78776.40	394766.88	40.57	Asphalt	8,520	-1.85
08/09/2021	16:21:09	78776.50	394766.69	40.65	Asphalt	9,720	-0.43
08/09/2021	16:21:10	78776.39	394766.44	40.58	Asphalt	9,900	-0.22
08/09/2021	16:21:11	78776.72	394766.40	40.63	Asphalt	9,960	-0.15
08/09/2021	16:21:12	78776.44	394766.26	40.60	Asphalt	10,500	0.49
08/09/2021	16:21:13	78776.65	394766.16	40.56	Asphalt	9,960	-0.15
08/09/2021	16:21:14	78776.63	394766.02	40.63	Asphalt	9,180	-1.07
08/09/2021	16:21:15	78776.58	394765.73	40.60	Asphalt	8,520	-1.85
08/09/2021	16:21:16	78776.95	394765.60	40.69	Asphalt	9,000	-1.28
08/09/2021	16:21:17	78776.59	394765.40	40.57	Asphalt	10,620	0.63
08/09/2021	16:21:18	78776.85	394765.34	40.64	Asphalt	9,960	-0.15
08/09/2021	16:21:19	78776.68	394765.06	40.60	Asphalt	10,320	0.28
08/09/2021	16:21:20	78776.84	394764.72	40.60	Asphalt	10,680	0.70
08/09/2021	16:21:21	78776.63	394764.72	40.60	Asphalt	9,900	-0.22
08/09/2021	16:21:22	78776.56	394764.85	40.62	Asphalt	11,640	1.84
08/09/2021	16:21:23	78776.78	394765.06	40.63	Asphalt	10,860	0.92
08/09/2021	16:21:24	78776.86	394765.03	40.51	Asphalt	10,800	0.85
08/09/2021	16:21:25	78776.56	394765.08	40.61	Asphalt	9,660	-0.50
08/09/2021	16:21:26	78776.76	394765.35	40.50	Asphalt	9,900	-0.22

SU 7D GWS RESULTS
(ASPHALT)

08/09/2021	16:21:27	78776.44	394765.61	40.55	Asphalt	10,500	0.49
08/09/2021	16:21:28	78776.60	394765.82	40.50	Asphalt	9,540	-0.64
08/09/2021	16:21:29	78776.49	394766.01	40.49	Asphalt	10,560	0.56
08/09/2021	16:21:30	78776.47	394766.26	40.52	Asphalt	9,660	-0.50
08/09/2021	16:21:31	78776.52	394766.65	40.43	Asphalt	10,560	0.56
08/09/2021	16:21:32	78776.34	394766.85	40.47	Asphalt	10,620	0.63
08/09/2021	16:21:33	78776.60	394766.98	40.36	Asphalt	10,200	0.14
08/09/2021	16:21:34	78776.30	394767.15	40.35	Asphalt	8,940	-1.36
08/09/2021	16:21:35	78776.35	394767.63	40.31	Asphalt	10,020	-0.08
08/09/2021	16:21:36	78776.15	394767.82	40.25	Asphalt	11,520	1.70
08/09/2021	16:21:37	78776.20	394767.97	40.34	Asphalt	9,120	-1.14
08/09/2021	16:21:38	78776.50	394767.96	40.30	Asphalt	10,200	0.14
08/09/2021	16:21:39	78776.27	394768.28	40.28	Asphalt	10,680	0.70
08/09/2021	16:21:40	78776.26	394768.78	40.26	Asphalt	10,380	0.35
08/09/2021	16:21:41	78775.93	394768.96	40.28	Asphalt	9,960	-0.15
08/09/2021	16:21:42	78776.15	394769.22	40.33	Asphalt	9,720	-0.43
08/09/2021	16:21:43	78776.43	394769.18	40.27	Asphalt	10,200	0.14
08/09/2021	16:21:44	78776.22	394769.52	40.27	Asphalt	10,860	0.92
08/09/2021	16:21:45	78775.87	394769.89	40.24	Asphalt	10,680	0.70
08/09/2021	16:21:46	78775.79	394769.79	40.18	Asphalt	10,440	0.42
08/09/2021	16:21:47	78776.14	394769.95	40.24	Asphalt	11,100	1.20
08/09/2021	16:21:48	78776.25	394769.86	40.24	Asphalt	9,480	-0.72
08/09/2021	16:22:10	78776.01	394769.95	40.25	Asphalt	10,440	0.42
08/09/2021	16:22:11	78776.00	394769.96	40.25	Asphalt	10,080	-0.01
08/09/2021	16:22:12	78775.96	394770.01	40.34	Asphalt	10,440	0.42
08/09/2021	16:22:13	78775.53	394769.79	40.35	Asphalt	12,060	2.34
08/09/2021	16:22:14	78775.82	394769.37	40.40	Asphalt	10,860	0.92
08/09/2021	16:22:15	78776.27	394769.33	40.46	Asphalt	10,980	1.06
08/09/2021	16:22:16	78775.68	394769.24	40.45	Asphalt	9,960	-0.15
08/09/2021	16:22:17	78775.73	394769.17	40.46	Asphalt	10,980	1.06
08/09/2021	16:22:18	78775.76	394769.00	40.52	Asphalt	10,920	0.99
08/09/2021	16:22:19	78775.59	394768.79	40.49	Asphalt	10,200	0.14
08/09/2021	16:22:20	78775.97	394768.61	40.52	Asphalt	9,660	-0.50
08/09/2021	16:22:21	78775.66	394768.45	40.52	Asphalt	10,560	0.56
08/09/2021	16:22:22	78775.63	394768.29	40.49	Asphalt	11,160	1.27
08/09/2021	16:22:23	78775.80	394768.14	40.60	Asphalt	10,500	0.49
08/09/2021	16:22:24	78775.54	394767.90	40.54	Asphalt	9,480	-0.72
08/09/2021	16:22:25	78775.94	394767.75	40.57	Asphalt	9,480	-0.72
08/09/2021	16:22:26	78775.66	394767.53	40.56	Asphalt	9,900	-0.22
08/09/2021	16:22:27	78775.69	394767.35	40.52	Asphalt	9,780	-0.36
08/09/2021	16:22:28	78775.81	394767.18	40.59	Asphalt	9,360	-0.86
08/09/2021	16:22:29	78775.75	394766.82	40.58	Asphalt	9,000	-1.28
08/09/2021	16:22:30	78776.13	394766.63	40.63	Asphalt	10,620	0.63
08/09/2021	16:22:31	78775.66	394766.42	40.59	Asphalt	10,140	0.07
08/09/2021	16:22:32	78775.81	394766.26	40.61	Asphalt	10,020	-0.08
08/09/2021	16:22:33	78775.73	394765.96	40.62	Asphalt	9,660	-0.50
08/09/2021	16:22:34	78775.88	394765.63	40.61	Asphalt	9,960	-0.15
08/09/2021	16:22:35	78776.13	394765.46	40.70	Asphalt	10,740	0.78
08/09/2021	16:22:36	78775.90	394765.27	40.57	Asphalt	11,640	1.84
08/09/2021	16:22:37	78776.19	394765.15	40.70	Asphalt	11,520	1.70
08/09/2021	16:22:38	78776.06	394764.69	40.65	Asphalt	10,020	-0.08

SU 7D GWS RESULTS
(ASPHALT)

08/09/2021	16:22:39	78776.40	394764.37	40.64	Asphalt	10,800	0.85
08/09/2021	16:22:40	78776.19	394764.50	40.65	Asphalt	10,980	1.06
08/09/2021	16:22:41	78775.96	394764.81	40.67	Asphalt	11,700	1.91
08/09/2021	16:22:42	78776.11	394765.13	40.71	Asphalt	10,380	0.35
08/09/2021	16:22:43	78776.55	394765.13	40.59	Asphalt	10,140	0.07
08/09/2021	16:22:44	78776.30	394765.10	40.66	Asphalt	9,600	-0.57
08/09/2021	16:22:45	78776.39	394765.43	40.63	Asphalt	9,720	-0.43
08/09/2021	16:22:46	78775.93	394765.70	40.60	Asphalt	11,400	1.56
08/09/2021	16:22:47	78776.09	394765.89	40.63	Asphalt	8,700	-1.64
08/09/2021	16:22:48	78776.31	394766.08	40.55	Asphalt	9,840	-0.29
08/09/2021	16:22:49	78776.11	394766.16	40.66	Asphalt	10,860	0.92
08/09/2021	16:22:50	78776.17	394766.62	40.58	Asphalt	10,080	-0.01
08/09/2021	16:22:51	78775.76	394766.82	40.58	Asphalt	9,540	-0.64
08/09/2021	16:22:52	78775.94	394767.17	40.64	Asphalt	9,600	-0.57
08/09/2021	16:22:53	78776.00	394767.48	40.55	Asphalt	7,740	-2.78
08/09/2021	16:22:54	78775.80	394767.65	40.61	Asphalt	9,660	-0.50
08/09/2021	16:22:55	78775.94	394767.94	40.51	Asphalt	9,720	-0.43
08/09/2021	16:22:56	78775.68	394768.15	40.64	Asphalt	11,400	1.56
08/09/2021	16:22:57	78775.89	394768.42	40.48	Asphalt	10,260	0.21
08/09/2021	16:22:58	78775.69	394768.70	40.59	Asphalt	9,840	-0.29
08/09/2021	16:22:59	78775.70	394769.32	40.50	Asphalt	9,720	-0.43
08/09/2021	16:23:00	78775.32	394769.70	40.49	Asphalt	10,020	-0.08
08/09/2021	16:23:01	78775.39	394769.66	40.50	Asphalt	10,620	0.63
08/09/2021	16:27:33	78775.36	394769.09	41.69	Asphalt	9,780	-0.36
08/09/2021	16:27:34	78775.33	394769.09	41.66	Asphalt	10,560	0.56
08/09/2021	16:27:35	78775.31	394768.96	41.75	Asphalt	10,860	0.92
08/09/2021	16:27:36	78775.75	394768.84	41.74	Asphalt	11,280	1.41
08/09/2021	16:27:37	78775.61	394768.65	41.72	Asphalt	10,680	0.70
08/09/2021	16:27:38	78775.48	394768.53	41.75	Asphalt	9,780	-0.36
08/09/2021	16:27:39	78775.78	394768.47	41.73	Asphalt	10,080	-0.01
08/09/2021	16:27:40	78775.71	394768.24	41.72	Asphalt	9,960	-0.15
08/09/2021	16:27:41	78775.51	394768.01	41.75	Asphalt	8,640	-1.71
08/09/2021	16:27:42	78775.85	394767.93	41.70	Asphalt	9,480	-0.72
08/09/2021	16:27:43	78775.78	394767.69	41.72	Asphalt	8,820	-1.50
08/09/2021	16:27:44	78775.54	394767.42	41.73	Asphalt	10,020	-0.08
08/09/2021	16:27:45	78775.93	394767.34	41.68	Asphalt	11,700	1.91
08/09/2021	16:27:46	78775.85	394767.08	41.71	Asphalt	9,420	-0.79
08/09/2021	16:27:47	78775.64	394766.78	41.75	Asphalt	9,720	-0.43
08/09/2021	16:27:48	78775.97	394766.64	41.63	Asphalt	8,700	-1.64
08/09/2021	16:27:49	78775.79	394766.30	41.68	Asphalt	9,240	-1.00
08/09/2021	16:27:50	78775.99	394766.19	41.63	Asphalt	10,920	0.99
08/09/2021	16:27:51	78776.05	394765.92	41.63	Asphalt	9,960	-0.15
08/09/2021	16:27:52	78775.94	394765.56	41.66	Asphalt	10,440	0.42
08/09/2021	16:27:53	78776.24	394765.40	41.65	Asphalt	9,060	-1.21
08/09/2021	16:27:54	78775.96	394765.05	41.66	Asphalt	11,400	1.56
08/09/2021	16:27:55	78776.26	394764.87	41.65	Asphalt	10,620	0.63
08/09/2021	16:27:56	78776.46	394764.73	41.59	Asphalt	10,980	1.06
08/09/2021	16:27:57	78776.28	394764.34	41.63	Asphalt	11,820	2.05
08/09/2021	16:27:58	78776.24	394764.09	41.66	Asphalt	9,060	-1.21
08/09/2021	16:27:59	78775.54	394764.30	41.60	Asphalt	10,440	0.42
08/09/2021	16:28:00	78775.54	394764.67	41.53	Asphalt	10,140	0.07

SU 7D GWS RESULTS
(ASPHALT)

08/09/2021	16:28:01	78775.62	394764.82	41.55	Asphalt	11,040	1.13
08/09/2021	16:28:02	78775.30	394764.78	41.48	Asphalt	8,640	-1.71
08/09/2021	16:28:03	78775.52	394765.29	41.46	Asphalt	10,440	0.42
08/09/2021	16:28:04	78775.50	394765.56	41.46	Asphalt	11,340	1.49
08/09/2021	16:28:05	78775.27	394765.77	41.40	Asphalt	9,480	-0.72
08/09/2021	16:28:06	78775.30	394766.02	41.42	Asphalt	9,060	-1.21
08/09/2021	16:28:07	78775.06	394766.25	41.41	Asphalt	8,820	-1.50
08/09/2021	16:28:08	78775.40	394766.60	41.33	Asphalt	10,500	0.49
08/09/2021	16:28:09	78775.07	394766.94	41.39	Asphalt	8,940	-1.36
08/09/2021	16:28:10	78774.83	394767.17	41.36	Asphalt	10,740	0.78
08/09/2021	16:28:11	78775.08	394767.55	41.36	Asphalt	9,480	-0.72
08/09/2021	16:28:12	78774.80	394767.62	41.34	Asphalt	11,520	1.70
08/09/2021	16:28:13	78774.84	394767.93	41.32	Asphalt	9,420	-0.79
08/09/2021	16:28:14	78774.73	394768.20	41.29	Asphalt	11,460	1.63
08/09/2021	16:28:15	78774.62	394768.46	41.28	Asphalt	10,980	1.06
08/09/2021	16:28:16	78774.56	394768.67	41.25	Asphalt	10,440	0.42
08/09/2021	16:28:17	78774.36	394768.72	41.21	Asphalt	9,720	-0.43
08/09/2021	16:28:18	78774.55	394769.16	41.26	Asphalt	12,000	2.27
08/09/2021	16:28:19	78774.79	394769.14	41.36	Asphalt	11,160	1.27
08/09/2021	16:28:20	78774.70	394768.53	41.41	Asphalt	9,900	-0.22
08/09/2021	16:28:21	78774.29	394768.26	41.38	Asphalt	10,380	0.35
08/09/2021	16:28:22	78774.40	394768.29	41.48	Asphalt	9,600	-0.57
08/09/2021	16:28:23	78774.89	394768.17	41.46	Asphalt	10,020	-0.08
08/09/2021	16:28:24	78774.56	394767.83	41.43	Asphalt	9,480	-0.72
08/09/2021	16:28:25	78774.74	394767.76	41.48	Asphalt	10,140	0.07
08/09/2021	16:28:26	78775.00	394767.74	41.40	Asphalt	9,720	-0.43
08/09/2021	16:28:27	78774.80	394767.26	41.48	Asphalt	9,000	-1.28
08/09/2021	16:28:28	78775.10	394767.12	41.44	Asphalt	12,000	2.27
08/09/2021	16:28:29	78774.94	394766.89	41.42	Asphalt	10,740	0.78
08/09/2021	16:28:30	78774.96	394766.50	41.47	Asphalt	8,640	-1.71
08/09/2021	16:28:31	78775.44	394766.50	41.44	Asphalt	10,320	0.28
08/09/2021	16:28:32	78775.36	394765.98	41.43	Asphalt	10,320	0.28
08/09/2021	16:28:33	78775.54	394765.68	41.43	Asphalt	9,420	-0.79
08/09/2021	16:28:34	78775.26	394765.29	41.41	Asphalt	9,540	-0.64
08/09/2021	16:28:35	78775.20	394764.92	41.45	Asphalt	11,400	1.56
08/09/2021	16:28:59	78775.66	394764.75	41.14	Asphalt	10,620	0.63
08/09/2021	16:29:00	78775.91	394764.76	41.10	Asphalt	9,900	-0.22
08/09/2021	16:29:01	78775.81	394764.99	41.08	Asphalt	9,600	-0.57
08/09/2021	16:29:02	78775.32	394764.92	41.08	Asphalt	10,800	0.85
08/09/2021	16:29:03	78775.29	394765.21	41.08	Asphalt	9,000	-1.28
08/09/2021	16:29:04	78775.38	394765.54	41.10	Asphalt	9,780	-0.36
08/09/2021	16:29:05	78775.22	394765.73	41.10	Asphalt	10,740	0.78
08/09/2021	16:29:06	78775.41	394765.96	41.10	Asphalt	9,360	-0.86
08/09/2021	16:29:07	78775.01	394766.08	41.07	Asphalt	8,760	-1.57
08/09/2021	16:29:08	78774.90	394766.36	41.03	Asphalt	8,520	-1.85
08/09/2021	16:29:09	78774.91	394766.70	41.04	Asphalt	10,620	0.63
08/09/2021	16:29:10	78774.67	394766.94	40.99	Asphalt	8,220	-2.21
08/09/2021	16:29:11	78774.69	394767.35	41.01	Asphalt	9,960	-0.15
08/09/2021	16:29:12	78774.46	394767.56	41.02	Asphalt	10,380	0.35
08/09/2021	16:29:13	78774.65	394767.93	41.03	Asphalt	8,820	-1.50
08/09/2021	16:29:14	78774.30	394768.23	40.94	Asphalt	9,540	-0.64

SU 7D GWS RESULTS
(ASPHALT)

08/09/2021	16:29:15	78774.19	394768.63	40.87	Asphalt	9,120	-1.14
08/09/2021	16:29:16	78774.09	394768.94	40.79	Asphalt	10,440	0.42
08/09/2021	16:29:40	78773.63	394769.55	40.78	Asphalt	10,800	0.85
08/09/2021	16:29:41	78773.63	394769.55	40.69	Asphalt	9,360	-0.86
08/09/2021	16:29:42	78773.68	394769.64	40.67	Asphalt	11,040	1.13
08/09/2021	16:29:43	78773.68	394769.65	40.65	Asphalt	12,000	2.27
08/09/2021	16:29:44	78773.67	394769.36	40.68	Asphalt	14,640	5.39
08/09/2021	16:29:45	78773.92	394769.34	40.65	Asphalt	10,020	-0.08
08/09/2021	16:29:46	78773.76	394769.19	40.62	Asphalt	10,560	0.56
08/09/2021	16:29:47	78773.93	394768.88	40.54	Asphalt	11,640	1.84
08/09/2021	16:29:48	78774.01	394768.89	40.51	Asphalt	10,560	0.56
08/09/2021	16:29:49	78773.87	394768.69	40.49	Asphalt	9,540	-0.64
08/09/2021	16:29:50	78774.11	394768.51	40.40	Asphalt	11,100	1.20
08/09/2021	16:29:51	78773.99	394768.43	40.36	Asphalt	8,580	-1.78
08/09/2021	16:29:52	78774.09	394768.24	40.38	Asphalt	9,540	-0.64
08/09/2021	16:29:53	78774.31	394768.19	40.32	Asphalt	9,420	-0.79
08/09/2021	16:29:54	78774.09	394768.07	40.32	Asphalt	9,420	-0.79
08/09/2021	16:29:55	78774.24	394767.86	40.29	Asphalt	10,080	-0.01
08/09/2021	16:29:56	78774.27	394767.80	40.32	Asphalt	9,900	-0.22
08/09/2021	16:29:57	78774.27	394767.57	40.36	Asphalt	9,780	-0.36
08/09/2021	16:29:58	78774.39	394767.66	40.31	Asphalt	10,020	-0.08
08/09/2021	16:29:59	78774.31	394767.73	40.35	Asphalt	10,320	0.28
08/09/2021	16:30:00	78774.18	394767.76	40.34	Asphalt	7,560	-2.99
08/09/2021	16:30:01	78774.09	394767.79	40.34	Asphalt	9,300	-0.93
08/09/2021	16:30:02	78774.11	394767.80	40.33	Asphalt	8,760	-1.57
08/09/2021	16:30:03	78774.14	394767.80	40.34	Asphalt	10,620	0.63
08/09/2021	16:30:04	78774.17	394767.80	40.34	Asphalt	9,180	-1.07
08/09/2021	16:30:05	78774.19	394767.80	40.34	Asphalt	10,380	0.35
08/09/2021	16:30:06	78774.20	394767.81	40.33	Asphalt	10,320	0.28
08/09/2021	16:30:07	78774.23	394767.81	40.33	Asphalt	9,360	-0.86
08/09/2021	16:30:08	78774.25	394767.80	40.34	Asphalt	9,540	-0.64
08/09/2021	16:30:09	78774.25	394767.77	40.41	Asphalt	9,480	-0.72
08/09/2021	16:30:10	78774.30	394767.73	40.44	Asphalt	10,140	0.07
08/09/2021	16:30:11	78774.34	394767.72	40.43	Asphalt	8,820	-1.50
08/09/2021	16:30:12	78774.34	394767.73	40.44	Asphalt	12,240	2.55
08/09/2021	16:30:13	78774.34	394767.75	40.45	Asphalt	10,680	0.70
08/09/2021	16:30:14	78774.35	394767.75	40.45	Asphalt	11,400	1.56
08/09/2021	16:30:15	78774.50	394767.81	40.44	Asphalt	9,780	-0.36
08/09/2021	16:30:16	78774.55	394767.69	40.43	Asphalt	9,360	-0.86
08/09/2021	16:30:17	78774.54	394767.37	40.52	Asphalt	8,700	-1.64
08/09/2021	16:30:18	78774.71	394767.48	40.46	Asphalt	8,940	-1.36
08/09/2021	16:30:19	78774.60	394767.64	40.48	Asphalt	8,880	-1.43
08/09/2021	16:30:20	78774.67	394767.67	40.52	Asphalt	8,880	-1.43
08/09/2021	16:30:21	78774.70	394767.50	40.54	Asphalt	10,200	0.14
08/09/2021	16:30:22	78774.62	394767.15	40.57	Asphalt	7,800	-2.70
08/09/2021	16:30:23	78774.80	394767.02	40.56	Asphalt	9,420	-0.79
08/09/2021	16:30:24	78774.54	394766.79	40.59	Asphalt	9,120	-1.14
08/09/2021	16:30:25	78774.46	394766.51	40.58	Asphalt	9,840	-0.29
08/09/2021	16:30:26	78774.72	394766.41	40.63	Asphalt	10,920	0.99
08/09/2021	16:30:27	78774.76	394766.13	40.73	Asphalt	9,660	-0.50
08/09/2021	16:30:28	78775.07	394765.87	40.71	Asphalt	12,000	2.27

SU 7D GWS RESULTS
(ASPHALT)

08/09/2021	16:30:29	78774.99	394765.62	40.76	Asphalt	10,740	0.78
08/09/2021	16:30:30	78775.30	394765.32	40.79	Asphalt	11,520	1.70
08/09/2021	16:30:31	78775.39	394765.13	40.78	Asphalt	9,960	-0.15
08/09/2021	16:30:32	78775.53	394764.87	40.80	Asphalt	9,240	-1.00
08/09/2021	16:30:33	78775.54	394764.53	40.80	Asphalt	12,180	2.48
08/09/2021	16:30:34	78775.48	394763.99	40.87	Asphalt	11,700	1.91
08/09/2021	16:30:35	78775.03	394763.79	40.79	Asphalt	11,820	2.05
08/09/2021	16:30:36	78774.81	394763.81	40.78	Asphalt	9,360	-0.86
08/09/2021	16:30:37	78774.83	394764.06	40.80	Asphalt	9,720	-0.43
08/09/2021	16:30:38	78774.55	394764.33	40.84	Asphalt	10,560	0.56
08/09/2021	16:30:39	78774.52	394764.42	40.83	Asphalt	11,280	1.41
08/09/2021	16:30:40	78774.48	394764.68	40.90	Asphalt	10,560	0.56
08/09/2021	16:30:41	78774.28	394764.70	40.82	Asphalt	10,380	0.35
08/09/2021	16:30:42	78774.40	394764.88	40.88	Asphalt	10,320	0.28
08/09/2021	16:30:43	78774.21	394765.07	40.80	Asphalt	10,980	1.06
08/09/2021	16:30:44	78774.30	394765.31	40.88	Asphalt	10,260	0.21
08/09/2021	16:30:45	78774.10	394765.57	40.82	Asphalt	10,380	0.35
08/09/2021	16:30:46	78774.15	394765.80	40.84	Asphalt	9,060	-1.21
08/09/2021	16:30:47	78774.12	394766.01	40.85	Asphalt	9,720	-0.43
08/09/2021	16:30:48	78774.11	394766.16	40.85	Asphalt	10,500	0.49
08/09/2021	16:30:49	78774.11	394766.43	40.86	Asphalt	9,540	-0.64
08/09/2021	16:30:50	78773.84	394766.50	40.81	Asphalt	9,420	-0.79
08/09/2021	16:30:51	78774.00	394766.72	40.83	Asphalt	9,840	-0.29
08/09/2021	16:30:52	78773.91	394767.11	40.83	Asphalt	8,400	-1.99
08/09/2021	16:30:53	78773.91	394767.34	40.80	Asphalt	9,780	-0.36
08/09/2021	16:30:54	78773.96	394767.59	40.87	Asphalt	9,240	-1.00
08/09/2021	16:30:55	78773.87	394767.79	40.79	Asphalt	9,900	-0.22
08/09/2021	16:30:56	78774.00	394767.99	40.85	Asphalt	11,700	1.91
08/09/2021	16:30:57	78773.81	394768.12	40.75	Asphalt	11,640	1.84
08/09/2021	16:30:58	78773.94	394768.40	40.83	Asphalt	10,200	0.14
08/09/2021	16:30:59	78773.78	394768.70	40.78	Asphalt	11,100	1.20
08/09/2021	16:31:00	78773.89	394768.83	40.76	Asphalt	9,300	-0.93
08/09/2021	16:31:01	78773.73	394769.03	40.75	Asphalt	10,560	0.56
08/09/2021	16:31:02	78773.75	394769.07	40.69	Asphalt	10,020	-0.08
08/09/2021	16:31:03	78773.79	394769.19	40.66	Asphalt	10,260	0.21
08/09/2021	16:31:04	78773.78	394769.27	40.64	Asphalt	10,740	0.78
08/09/2021	16:33:39	78774.22	394769.74	40.72	Asphalt	12,060	2.34
08/09/2021	16:33:40	78774.10	394769.72	40.69	Asphalt	11,340	1.49
08/09/2021	16:33:41	78773.87	394769.63	40.72	Asphalt	10,440	0.42
08/09/2021	16:33:42	78773.76	394769.56	40.62	Asphalt	9,060	-1.21
08/09/2021	16:33:43	78773.93	394769.58	40.65	Asphalt	10,320	0.28
08/09/2021	16:33:44	78773.96	394769.55	40.76	Asphalt	10,740	0.78
08/09/2021	16:33:45	78773.74	394769.37	40.76	Asphalt	10,200	0.14
08/09/2021	16:33:46	78773.84	394769.29	40.74	Asphalt	10,620	0.63
08/09/2021	16:33:47	78773.80	394769.10	40.78	Asphalt	10,800	0.85
08/09/2021	16:33:48	78773.75	394768.91	40.78	Asphalt	10,200	0.14
08/09/2021	16:33:49	78773.85	394768.83	40.82	Asphalt	9,180	-1.07
08/09/2021	16:33:50	78773.79	394768.63	40.81	Asphalt	10,380	0.35
08/09/2021	16:33:51	78773.91	394768.48	40.81	Asphalt	10,440	0.42
08/09/2021	16:33:52	78773.86	394768.25	40.78	Asphalt	11,460	1.63
08/09/2021	16:33:53	78773.92	394768.03	40.77	Asphalt	10,140	0.07

SU 7D GWS RESULTS
(ASPHALT)

08/09/2021	16:33:54	78773.92	394767.84	40.80	Asphalt	9,900	-0.22
08/09/2021	16:33:55	78773.85	394767.61	40.77	Asphalt	9,960	-0.15
08/09/2021	16:33:56	78773.90	394767.43	40.79	Asphalt	9,600	-0.57
08/09/2021	16:33:57	78773.79	394767.15	40.74	Asphalt	9,960	-0.15
08/09/2021	16:33:58	78773.85	394766.90	40.73	Asphalt	8,760	-1.57
08/09/2021	16:33:59	78773.79	394766.55	40.68	Asphalt	9,540	-0.64
08/09/2021	16:34:00	78773.92	394766.30	40.66	Asphalt	9,000	-1.28
08/09/2021	16:34:01	78773.97	394766.06	40.65	Asphalt	9,180	-1.07
08/09/2021	16:34:02	78774.00	394765.80	40.63	Asphalt	9,540	-0.64
08/09/2021	16:34:03	78774.09	394765.58	40.61	Asphalt	9,660	-0.50
08/09/2021	16:34:04	78774.15	394765.39	40.61	Asphalt	10,380	0.35
08/09/2021	16:34:05	78774.30	394765.46	40.54	Asphalt	9,000	-1.28
08/09/2021	16:34:06	78774.30	394765.21	40.49	Asphalt	11,280	1.41
08/09/2021	16:34:07	78774.48	394764.92	40.52	Asphalt	11,280	1.41
08/09/2021	16:34:08	78774.56	394764.65	40.51	Asphalt	11,820	2.05
08/09/2021	16:34:09	78774.65	394764.32	40.49	Asphalt	10,260	0.21
08/09/2021	16:34:10	78774.60	394763.98	40.54	Asphalt	10,080	-0.01
08/09/2021	16:34:11	78774.35	394763.53	40.59	Asphalt	12,000	2.27
08/09/2021	16:34:12	78774.11	394763.44	40.61	Asphalt	9,300	-0.93
08/09/2021	16:34:13	78773.82	394763.42	40.65	Asphalt	12,240	2.55
08/09/2021	16:34:14	78773.76	394763.55	40.68	Asphalt	10,320	0.28
08/09/2021	16:34:15	78773.80	394763.93	40.64	Asphalt	10,860	0.92
08/09/2021	16:34:16	78773.71	394764.14	40.70	Asphalt	9,900	-0.22
08/09/2021	16:34:17	78773.74	394764.39	40.66	Asphalt	10,260	0.21
08/09/2021	16:34:18	78773.64	394764.55	40.72	Asphalt	10,260	0.21
08/09/2021	16:34:19	78773.79	394764.79	40.64	Asphalt	10,800	0.85
08/09/2021	16:34:20	78773.74	394764.99	40.60	Asphalt	10,080	-0.01
08/09/2021	16:34:21	78773.69	394765.20	40.61	Asphalt	10,800	0.85
08/09/2021	16:34:22	78773.72	394765.43	40.59	Asphalt	9,120	-1.14
08/09/2021	16:34:23	78773.61	394765.61	40.61	Asphalt	9,720	-0.43
08/09/2021	16:34:24	78773.62	394765.86	40.53	Asphalt	9,480	-0.72
08/09/2021	16:34:25	78773.50	394766.04	40.54	Asphalt	9,240	-1.00
08/09/2021	16:34:26	78773.52	394766.34	40.55	Asphalt	8,460	-1.92
08/09/2021	16:34:27	78773.44	394766.77	40.58	Asphalt	9,600	-0.57
08/09/2021	16:34:28	78773.45	394767.11	40.57	Asphalt	9,180	-1.07
08/09/2021	16:34:29	78773.46	394767.38	40.53	Asphalt	10,800	0.85
08/09/2021	16:34:30	78773.41	394767.60	40.55	Asphalt	9,420	-0.79
08/09/2021	16:34:31	78773.45	394767.87	40.51	Asphalt	9,960	-0.15
08/09/2021	16:34:32	78773.39	394768.10	40.53	Asphalt	10,440	0.42
08/09/2021	16:34:33	78773.44	394768.34	40.54	Asphalt	10,500	0.49
08/09/2021	16:34:34	78773.34	394768.59	40.57	Asphalt	11,160	1.27
08/09/2021	16:34:35	78773.40	394768.83	40.55	Asphalt	12,240	2.55
08/09/2021	16:34:36	78773.34	394769.05	40.57	Asphalt	12,360	2.69
08/09/2021	16:34:37	78773.22	394769.28	40.56	Asphalt	10,080	-0.01
08/09/2021	16:34:38	78773.05	394769.27	40.62	Asphalt	10,560	0.56
08/09/2021	16:34:39	78772.99	394769.20	40.65	Asphalt	12,000	2.27
08/09/2021	16:34:40	78772.97	394769.18	40.74	Asphalt	11,220	1.34
08/09/2021	16:34:41	78772.84	394769.00	40.78	Asphalt	10,080	-0.01
08/09/2021	16:34:42	78772.88	394768.88	40.80	Asphalt	9,060	-1.21
08/09/2021	16:34:43	78772.90	394768.67	40.83	Asphalt	9,840	-0.29
08/09/2021	16:34:44	78772.96	394768.49	40.81	Asphalt	10,800	0.85

SU 7D GWS RESULTS
(ASPHALT)

08/09/2021	16:34:45	78772.96	394768.26	40.86	Asphalt	11,880	2.12
08/09/2021	16:34:46	78772.95	394767.98	40.85	Asphalt	8,580	-1.78
08/09/2021	16:34:47	78773.03	394767.72	40.89	Asphalt	9,900	-0.22
08/09/2021	16:34:48	78773.04	394767.45	40.88	Asphalt	9,600	-0.57
08/09/2021	16:34:49	78773.14	394767.23	40.92	Asphalt	10,620	0.63
08/09/2021	16:34:50	78773.18	394766.96	40.91	Asphalt	8,520	-1.85
08/09/2021	16:34:51	78773.28	394766.70	40.96	Asphalt	9,060	-1.21
08/09/2021	16:34:52	78773.31	394766.38	40.94	Asphalt	10,140	0.07
08/09/2021	16:34:53	78773.46	394766.14	41.01	Asphalt	9,360	-0.86
08/09/2021	16:34:54	78773.50	394765.84	40.97	Asphalt	11,100	1.20
08/09/2021	16:34:55	78773.65	394765.61	41.01	Asphalt	11,160	1.27
08/09/2021	16:34:56	78773.66	394765.36	41.02	Asphalt	9,000	-1.28
08/09/2021	16:34:57	78773.68	394765.06	41.00	Asphalt	8,640	-1.71
08/09/2021	16:34:58	78773.70	394764.76	41.03	Asphalt	11,160	1.27
08/09/2021	16:34:59	78773.72	394764.47	41.00	Asphalt	10,380	0.35
08/09/2021	16:35:00	78773.81	394764.23	41.05	Asphalt	10,020	-0.08
08/09/2021	16:35:01	78773.77	394763.92	41.01	Asphalt	11,940	2.20
08/09/2021	16:35:02	78773.82	394763.61	41.07	Asphalt	10,320	0.28
08/09/2021	16:35:03	78773.70	394763.28	41.02	Asphalt	10,860	0.92
08/09/2021	16:35:04	78773.53	394762.96	41.07	Asphalt	11,040	1.13
08/09/2021	16:35:05	78773.28	394763.02	41.10	Asphalt	11,340	1.49
08/09/2021	16:35:06	78773.00	394763.08	41.11	Asphalt	9,900	-0.22
08/09/2021	16:35:07	78773.04	394763.23	41.07	Asphalt	9,900	-0.22
08/09/2021	16:35:08	78773.13	394763.49	41.02	Asphalt	10,440	0.42
08/09/2021	16:35:09	78772.97	394763.58	41.00	Asphalt	11,700	1.91
08/09/2021	16:35:10	78773.06	394763.81	40.91	Asphalt	10,020	-0.08
08/09/2021	16:35:11	78772.95	394764.04	40.85	Asphalt	11,280	1.41
08/09/2021	16:35:12	78772.93	394764.28	40.87	Asphalt	10,200	0.14
08/09/2021	16:35:13	78773.03	394764.54	40.80	Asphalt	9,240	-1.00
08/09/2021	16:35:14	78772.84	394764.68	40.81	Asphalt	9,960	-0.15
08/09/2021	16:35:15	78772.96	394764.84	40.70	Asphalt	9,900	-0.22
08/09/2021	16:35:16	78772.91	394765.01	40.64	Asphalt	10,260	0.21
08/09/2021	16:35:17	78772.88	394765.13	40.66	Asphalt	10,440	0.42
08/09/2021	16:35:18	78773.03	394765.28	40.58	Asphalt	9,180	-1.07
08/09/2021	16:35:19	78772.87	394765.37	40.58	Asphalt	9,900	-0.22
08/09/2021	16:35:20	78772.99	394765.53	40.49	Asphalt	9,060	-1.21
08/09/2021	16:35:21	78772.99	394765.67	40.46	Asphalt	9,540	-0.64
08/09/2021	16:35:22	78772.96	394765.84	40.50	Asphalt	9,180	-1.07
08/09/2021	16:35:23	78773.06	394766.07	40.47	Asphalt	9,180	-1.07
08/09/2021	16:35:24	78772.89	394766.23	40.52	Asphalt	10,080	-0.01
08/09/2021	16:35:25	78773.02	394766.46	40.50	Asphalt	10,200	0.14
08/09/2021	16:35:26	78772.94	394766.66	40.51	Asphalt	9,300	-0.93
08/09/2021	16:35:27	78772.94	394766.80	40.53	Asphalt	9,420	-0.79
08/09/2021	16:35:28	78773.03	394766.97	40.44	Asphalt	8,760	-1.57
08/09/2021	16:35:29	78772.86	394767.07	40.50	Asphalt	9,360	-0.86
08/09/2021	16:35:30	78772.91	394767.26	40.47	Asphalt	10,080	-0.01
08/09/2021	16:35:31	78772.73	394767.35	40.47	Asphalt	9,120	-1.14
08/09/2021	16:35:32	78772.69	394767.56	40.41	Asphalt	10,920	0.99
08/09/2021	16:35:33	78772.62	394767.78	40.47	Asphalt	9,960	-0.15
08/09/2021	16:35:34	78772.56	394767.98	40.52	Asphalt	10,740	0.78
08/09/2021	16:35:35	78772.55	394768.30	40.52	Asphalt	10,620	0.63

SU 7D GWS RESULTS
(ASPHALT)

08/09/2021	16:35:36	78772.44	394768.49	40.56	Asphalt	10,560	0.56
08/09/2021	16:35:37	78772.50	394768.79	40.50	Asphalt	9,240	-1.00
08/09/2021	16:35:38	78772.45	394769.09	40.57	Asphalt	10,680	0.70
08/09/2021	16:35:39	78772.59	394769.41	40.67	Asphalt	10,920	0.99
08/09/2021	16:35:40	78772.73	394769.55	40.75	Asphalt	10,740	0.78
08/09/2021	16:35:41	78772.74	394769.51	40.80	Asphalt	10,080	-0.01
08/09/2021	16:35:42	78772.72	394769.52	40.84	Asphalt	10,800	0.85
08/09/2021	16:35:43	78772.70	394769.55	40.88	Asphalt	10,920	0.99
08/09/2021	16:35:44	78772.69	394769.58	40.83	Asphalt	9,300	-0.93
08/09/2021	16:35:45	78772.77	394769.63	40.82	Asphalt	10,140	0.07
08/09/2021	16:35:46	78772.89	394769.66	40.85	Asphalt	10,740	0.78
08/09/2021	16:35:47	78772.72	394769.42	40.83	Asphalt	8,940	-1.36
08/09/2021	16:35:48	78772.72	394769.21	40.82	Asphalt	8,520	-1.85
08/09/2021	16:35:49	78772.85	394769.10	40.86	Asphalt	12,300	2.62
08/09/2021	16:35:50	78772.85	394768.85	40.86	Asphalt	10,680	0.70
08/09/2021	16:35:51	78773.10	394768.72	40.87	Asphalt	10,800	0.85
08/09/2021	16:35:52	78773.10	394768.51	40.87	Asphalt	10,560	0.56
08/09/2021	16:35:53	78773.25	394768.27	40.96	Asphalt	10,560	0.56
08/09/2021	16:35:54	78773.51	394768.13	40.98	Asphalt	9,660	-0.50
08/09/2021	16:35:55	78773.30	394767.91	40.97	Asphalt	9,660	-0.50
08/09/2021	16:35:56	78773.43	394767.70	40.98	Asphalt	9,360	-0.86
08/09/2021	16:35:57	78773.51	394767.54	40.97	Asphalt	10,920	0.99
08/09/2021	16:35:58	78773.26	394767.30	41.05	Asphalt	9,660	-0.50
08/09/2021	16:35:59	78773.47	394767.15	40.99	Asphalt	10,140	0.07
08/09/2021	16:36:00	78773.47	394766.98	41.00	Asphalt	9,960	-0.15
08/09/2021	16:36:01	78773.30	394766.78	41.08	Asphalt	8,640	-1.71
08/09/2021	16:36:02	78773.58	394766.65	40.99	Asphalt	9,300	-0.93
08/09/2021	16:36:03	78773.50	394766.43	40.99	Asphalt	9,360	-0.86
08/09/2021	16:36:04	78773.35	394766.16	41.08	Asphalt	10,440	0.42
08/09/2021	16:36:05	78773.67	394766.10	40.99	Asphalt	9,420	-0.79
08/09/2021	16:36:06	78773.56	394766.00	41.00	Asphalt	9,780	-0.36
08/09/2021	16:36:07	78773.41	394765.79	41.09	Asphalt	9,720	-0.43
08/09/2021	16:36:08	78773.69	394765.69	41.01	Asphalt	9,300	-0.93
08/09/2021	16:36:09	78773.60	394765.51	40.98	Asphalt	11,460	1.63
08/09/2021	16:36:10	78773.52	394765.32	40.97	Asphalt	9,360	-0.86
08/09/2021	16:36:11	78773.70	394765.21	40.97	Asphalt	10,020	-0.08
08/09/2021	16:36:12	78773.58	394764.98	40.96	Asphalt	9,600	-0.57
08/09/2021	16:36:13	78773.70	394764.82	40.93	Asphalt	10,440	0.42
08/09/2021	16:36:14	78773.69	394764.67	40.96	Asphalt	9,960	-0.15
08/09/2021	16:36:15	78773.58	394764.44	40.92	Asphalt	10,080	-0.01
08/09/2021	16:36:16	78773.67	394764.31	40.97	Asphalt	10,800	0.85
08/09/2021	16:36:17	78773.59	394764.15	40.94	Asphalt	10,260	0.21
08/09/2021	16:36:18	78773.73	394764.01	40.95	Asphalt	12,360	2.69
08/09/2021	16:36:19	78773.76	394763.77	40.93	Asphalt	10,860	0.92
08/09/2021	16:36:20	78773.78	394763.47	40.92	Asphalt	11,100	1.20
08/09/2021	16:36:21	78773.76	394763.17	40.93	Asphalt	10,560	0.56
08/09/2021	16:36:22	78773.46	394762.77	40.90	Asphalt	10,320	0.28
08/09/2021	16:36:23	78773.20	394762.69	40.97	Asphalt	10,740	0.78
08/09/2021	16:36:24	78773.13	394763.04	40.97	Asphalt	10,140	0.07
08/09/2021	16:36:25	78772.98	394763.09	40.95	Asphalt	8,700	-1.64
08/09/2021	16:36:26	78772.92	394763.13	40.93	Asphalt	8,820	-1.50

SU 7D GWS RESULTS
(ASPHALT)

08/09/2021	16:36:27	78772.91	394763.35	40.87	Asphalt	10,020	-0.08
08/09/2021	16:36:28	78772.76	394763.42	40.93	Asphalt	10,560	0.56
08/09/2021	16:36:29	78772.85	394763.59	40.80	Asphalt	11,700	1.91
08/09/2021	16:36:30	78772.75	394763.71	40.73	Asphalt	11,940	2.20
08/09/2021	16:36:31	78772.66	394763.80	40.78	Asphalt	9,360	-0.86
08/09/2021	16:36:32	78772.85	394764.04	40.68	Asphalt	9,060	-1.21
08/09/2021	16:36:33	78772.64	394764.11	40.62	Asphalt	10,080	-0.01
08/09/2021	16:36:34	78772.66	394764.30	40.64	Asphalt	9,000	-1.28
08/09/2021	16:36:35	78772.79	394764.54	40.56	Asphalt	11,220	1.34
08/09/2021	16:36:36	78772.59	394764.60	40.63	Asphalt	11,160	1.27
08/09/2021	16:36:37	78772.72	394764.81	40.53	Asphalt	9,420	-0.79
08/09/2021	16:36:38	78772.76	394765.01	40.46	Asphalt	10,380	0.35
08/09/2021	16:36:39	78772.57	394765.09	40.52	Asphalt	10,980	1.06
08/09/2021	16:36:40	78772.75	394765.27	40.44	Asphalt	10,500	0.49
08/09/2021	16:36:41	78772.64	394765.37	40.43	Asphalt	9,420	-0.79
08/09/2021	16:36:42	78772.60	394765.48	40.44	Asphalt	10,920	0.99
08/09/2021	16:36:43	78772.75	394765.67	40.42	Asphalt	11,160	1.27
08/09/2021	16:36:44	78772.57	394765.74	40.51	Asphalt	8,160	-2.28
08/09/2021	16:36:45	78772.63	394765.89	40.45	Asphalt	10,560	0.56
08/09/2021	16:36:46	78772.55	394766.02	40.44	Asphalt	9,960	-0.15
08/09/2021	16:36:47	78772.43	394766.18	40.45	Asphalt	8,820	-1.50
08/09/2021	16:36:48	78772.52	394766.43	40.47	Asphalt	10,860	0.92
08/09/2021	16:36:49	78772.32	394766.54	40.49	Asphalt	9,180	-1.07
08/09/2021	16:36:50	78772.33	394766.79	40.45	Asphalt	10,140	0.07
08/09/2021	16:36:51	78772.28	394767.03	40.43	Asphalt	9,900	-0.22
08/09/2021	16:36:52	78772.17	394767.16	40.51	Asphalt	9,240	-1.00
08/09/2021	16:36:53	78772.29	394767.41	40.51	Asphalt	9,420	-0.79
08/09/2021	16:36:54	78772.13	394767.58	40.49	Asphalt	9,180	-1.07
08/09/2021	16:36:55	78772.12	394767.80	40.51	Asphalt	8,880	-1.43
08/09/2021	16:36:56	78772.18	394768.07	40.47	Asphalt	11,460	1.63
08/09/2021	16:36:57	78772.03	394768.20	40.56	Asphalt	10,260	0.21
08/09/2021	16:36:58	78772.16	394768.41	40.51	Asphalt	9,720	-0.43
08/09/2021	16:36:59	78772.03	394768.54	40.51	Asphalt	10,140	0.07
08/09/2021	16:37:00	78772.03	394768.77	40.51	Asphalt	10,920	0.99
08/09/2021	16:37:01	78772.02	394769.07	40.50	Asphalt	10,800	0.85
08/09/2021	16:37:02	78771.85	394769.26	40.49	Asphalt	11,520	1.70
08/09/2021	16:37:03	78771.70	394769.33	40.47	Asphalt	10,260	0.21
08/09/2021	16:37:04	78771.58	394769.10	40.52	Asphalt	9,480	-0.72
08/09/2021	16:37:05	78771.72	394769.15	40.55	Asphalt	10,440	0.42
08/09/2021	16:37:06	78771.69	394769.13	40.65	Asphalt	11,160	1.27
08/09/2021	16:37:07	78771.50	394768.88	40.66	Asphalt	10,620	0.63
08/09/2021	16:37:08	78771.62	394768.77	40.68	Asphalt	10,680	0.70
08/09/2021	16:37:09	78771.54	394768.60	40.67	Asphalt	10,140	0.07
08/09/2021	16:37:10	78771.47	394768.39	40.67	Asphalt	9,180	-1.07
08/09/2021	16:37:11	78771.58	394768.24	40.73	Asphalt	9,840	-0.29
08/09/2021	16:37:12	78771.47	394767.99	40.71	Asphalt	9,480	-0.72
08/09/2021	16:37:13	78771.61	394767.81	40.71	Asphalt	10,620	0.63
08/09/2021	16:37:14	78771.56	394767.53	40.70	Asphalt	10,320	0.28
08/09/2021	16:37:15	78771.52	394767.23	40.67	Asphalt	9,720	-0.43
08/09/2021	16:37:16	78771.57	394766.96	40.74	Asphalt	8,700	-1.64
08/09/2021	16:37:17	78771.46	394766.64	40.74	Asphalt	9,120	-1.14

SU 7D GWS RESULTS
(ASPHALT)

08/09/2021	16:37:18	78771.57	394766.43	40.72	Asphalt	10,380	0.35
08/09/2021	16:37:19	78771.51	394766.22	40.70	Asphalt	9,960	-0.15
08/09/2021	16:37:20	78771.44	394765.97	40.75	Asphalt	11,160	1.27
08/09/2021	16:37:21	78771.64	394765.84	40.74	Asphalt	8,820	-1.50
08/09/2021	16:37:22	78771.52	394765.65	40.70	Asphalt	10,140	0.07
08/09/2021	16:37:23	78771.50	394765.41	40.76	Asphalt	9,720	-0.43
08/09/2021	16:37:24	78771.71	394765.30	40.78	Asphalt	10,440	0.42
08/09/2021	16:37:25	78771.53	394765.11	40.76	Asphalt	9,420	-0.79
08/09/2021	16:37:26	78771.57	394764.93	40.74	Asphalt	10,020	-0.08
08/09/2021	16:37:27	78771.70	394764.74	40.78	Asphalt	11,160	1.27
08/09/2021	16:37:28	78771.56	394764.49	40.76	Asphalt	9,900	-0.22
08/09/2021	16:37:29	78771.73	394764.32	40.79	Asphalt	9,300	-0.93
08/09/2021	16:37:30	78771.68	394764.10	40.75	Asphalt	9,540	-0.64
08/09/2021	16:37:31	78771.72	394763.88	40.75	Asphalt	10,560	0.56
08/09/2021	16:37:32	78771.74	394763.70	40.77	Asphalt	10,260	0.21
08/09/2021	16:37:33	78771.63	394763.47	40.75	Asphalt	9,660	-0.50
08/09/2021	16:37:34	78771.77	394763.31	40.81	Asphalt	11,340	1.49
08/09/2021	16:37:35	78771.73	394763.11	40.77	Asphalt	9,840	-0.29
08/09/2021	16:37:36	78771.83	394762.91	40.75	Asphalt	9,780	-0.36
08/09/2021	16:37:37	78771.86	394762.64	40.78	Asphalt	9,840	-0.29
08/09/2021	16:37:38	78771.86	394762.36	40.73	Asphalt	9,660	-0.50
08/09/2021	16:37:39	78771.93	394762.13	40.75	Asphalt	10,440	0.42
08/09/2021	16:37:40	78771.92	394761.84	40.69	Asphalt	9,420	-0.79
08/09/2021	16:37:41	78772.00	394761.60	40.69	Asphalt	9,420	-0.79
08/09/2021	16:37:42	78771.96	394761.35	40.66	Asphalt	11,400	1.56
08/09/2021	16:37:43	78772.10	394761.10	40.65	Asphalt	9,900	-0.22
08/09/2021	16:37:44	78772.23	394760.84	40.64	Asphalt	10,140	0.07
08/09/2021	16:37:45	78772.38	394760.75	40.62	Asphalt	11,460	1.63
08/09/2021	16:37:46	78772.31	394760.83	40.65	Asphalt	9,540	-0.64
08/09/2021	16:37:47	78772.27	394761.02	40.67	Asphalt	10,320	0.28
08/09/2021	16:37:48	78772.36	394761.20	40.67	Asphalt	9,240	-1.00
08/09/2021	16:37:49	78772.23	394761.24	40.76	Asphalt	9,840	-0.29
08/09/2021	16:37:50	78772.34	394761.45	40.70	Asphalt	10,440	0.42
08/09/2021	16:37:51	78772.29	394761.61	40.70	Asphalt	9,540	-0.64
08/09/2021	16:37:52	78772.22	394761.76	40.71	Asphalt	9,660	-0.50
08/09/2021	16:37:53	78772.33	394761.99	40.70	Asphalt	10,080	-0.01
08/09/2021	16:37:54	78772.25	394762.12	40.76	Asphalt	10,380	0.35
08/09/2021	16:37:55	78772.31	394762.36	40.72	Asphalt	12,540	2.91
08/09/2021	16:37:56	78772.25	394762.53	40.74	Asphalt	11,580	1.77
08/09/2021	16:37:57	78772.23	394762.67	40.67	Asphalt	11,400	1.56
08/09/2021	16:37:58	78772.28	394762.83	40.63	Asphalt	9,600	-0.57
08/09/2021	16:37:59	78772.17	394762.91	40.67	Asphalt	9,780	-0.36
08/09/2021	16:38:00	78772.26	394763.09	40.61	Asphalt	10,320	0.28
08/09/2021	16:38:01	78772.19	394763.24	40.65	Asphalt	9,960	-0.15
08/09/2021	16:38:02	78772.17	394763.43	40.58	Asphalt	10,860	0.92
08/09/2021	16:38:03	78772.15	394763.64	40.59	Asphalt	11,040	1.13
08/09/2021	16:38:04	78772.16	394763.83	40.53	Asphalt	12,060	2.34
08/09/2021	16:38:05	78772.15	394764.01	40.54	Asphalt	9,360	-0.86
08/09/2021	16:38:06	78772.10	394764.15	40.56	Asphalt	8,580	-1.78
08/09/2021	16:38:07	78772.21	394764.36	40.50	Asphalt	10,260	0.21
08/09/2021	16:38:08	78772.16	394764.52	40.58	Asphalt	11,160	1.27

SU 7D GWS RESULTS
(ASPHALT)

08/09/2021	16:38:09	78772.21	394764.73	40.52	Asphalt	10,080	-0.01
08/09/2021	16:38:10	78772.12	394764.89	40.53	Asphalt	10,260	0.21
08/09/2021	16:38:11	78772.10	394765.11	40.51	Asphalt	9,540	-0.64
08/09/2021	16:38:12	78772.12	394765.38	40.50	Asphalt	10,380	0.35
08/09/2021	16:38:13	78772.11	394765.62	40.50	Asphalt	10,800	0.85
08/09/2021	16:38:14	78772.14	394765.85	40.49	Asphalt	9,540	-0.64
08/09/2021	16:38:15	78772.07	394766.05	40.51	Asphalt	9,060	-1.21
08/09/2021	16:38:16	78772.08	394766.31	40.50	Asphalt	9,780	-0.36
08/09/2021	16:38:17	78772.02	394766.53	40.52	Asphalt	9,540	-0.64
08/09/2021	16:38:18	78772.06	394766.76	40.49	Asphalt	10,320	0.28
08/09/2021	16:38:19	78771.97	394766.98	40.51	Asphalt	10,020	-0.08
08/09/2021	16:38:20	78771.98	394767.24	40.46	Asphalt	10,080	-0.01
08/09/2021	16:38:21	78771.94	394767.51	40.43	Asphalt	10,620	0.63
08/09/2021	16:38:22	78771.90	394767.77	40.44	Asphalt	10,080	-0.01
08/09/2021	16:38:23	78771.93	394768.13	40.41	Asphalt	11,640	1.84
08/09/2021	16:38:24	78771.94	394768.47	40.40	Asphalt	10,860	0.92
08/09/2021	16:38:25	78771.96	394768.85	40.44	Asphalt	9,120	-1.14
08/09/2021	16:38:26	78772.09	394769.13	40.46	Asphalt	9,600	-0.57
08/09/2021	16:38:27	78772.47	394769.34	40.51	Asphalt	10,920	0.99
08/09/2021	16:38:28	78772.65	394769.33	40.60	Asphalt	10,680	0.70
08/09/2021	16:38:29	78772.62	394769.00	40.58	Asphalt	10,500	0.49
08/09/2021	16:38:30	78772.69	394768.70	40.69	Asphalt	11,340	1.49
08/09/2021	16:38:31	78772.67	394768.43	40.66	Asphalt	10,620	0.63
08/09/2021	16:38:32	78772.70	394768.18	40.69	Asphalt	10,020	-0.08
08/09/2021	16:38:33	78772.67	394767.93	40.65	Asphalt	11,340	1.49
08/09/2021	16:38:34	78772.74	394767.71	40.63	Asphalt	9,600	-0.57
08/09/2021	16:38:35	78772.74	394767.47	40.62	Asphalt	8,640	-1.71
08/09/2021	16:38:36	78772.69	394767.20	40.62	Asphalt	9,000	-1.28
08/09/2021	16:38:37	78772.74	394766.96	40.64	Asphalt	9,720	-0.43
08/09/2021	16:38:38	78772.73	394766.69	40.55	Asphalt	8,880	-1.43
08/09/2021	16:38:39	78772.76	394766.50	40.59	Asphalt	9,120	-1.14
08/09/2021	16:38:40	78772.72	394766.25	40.54	Asphalt	9,780	-0.36
08/09/2021	16:38:41	78772.84	394766.08	40.58	Asphalt	9,780	-0.36
08/09/2021	16:38:42	78772.78	394765.89	40.53	Asphalt	10,440	0.42
08/09/2021	16:38:43	78772.76	394765.66	40.54	Asphalt	10,800	0.85
08/09/2021	16:38:44	78772.76	394765.42	40.52	Asphalt	8,640	-1.71
08/09/2021	16:38:45	78772.71	394765.22	40.47	Asphalt	9,480	-0.72
08/09/2021	16:38:46	78772.78	394765.04	40.52	Asphalt	9,360	-0.86
08/09/2021	16:38:47	78772.71	394764.75	40.48	Asphalt	10,140	0.07
08/09/2021	16:38:48	78772.80	394764.53	40.48	Asphalt	8,880	-1.43
08/09/2021	16:38:49	78772.74	394764.31	40.49	Asphalt	10,320	0.28
08/09/2021	16:38:50	78772.73	394764.07	40.49	Asphalt	10,860	0.92
08/09/2021	16:38:51	78772.69	394763.82	40.50	Asphalt	10,080	-0.01
08/09/2021	16:38:52	78772.65	394763.56	40.51	Asphalt	10,500	0.49
08/09/2021	16:38:53	78772.65	394763.31	40.51	Asphalt	11,100	1.20
08/09/2021	16:38:54	78772.54	394763.08	40.47	Asphalt	9,660	-0.50
08/09/2021	16:38:55	78772.58	394762.84	40.48	Asphalt	11,280	1.41
08/09/2021	16:38:56	78772.50	394762.60	40.45	Asphalt	10,140	0.07
08/09/2021	16:38:57	78772.55	394762.38	40.42	Asphalt	11,580	1.77
08/09/2021	16:38:58	78772.53	394762.14	40.40	Asphalt	10,500	0.49
08/09/2021	16:38:59	78772.57	394761.90	40.35	Asphalt	10,440	0.42

SU 7D GWS RESULTS
(ASPHALT)

08/09/2021	16:39:00	78772.65	394761.71	40.36	Asphalt	10,260	0.21
08/09/2021	16:39:01	78772.69	394761.62	40.38	Asphalt	10,980	1.06
08/09/2021	16:39:02	78772.90	394761.73	40.41	Asphalt	11,700	1.91
08/09/2021	16:39:03	78772.99	394761.72	40.47	Asphalt	10,260	0.21
08/09/2021	16:39:04	78773.00	394761.87	40.47	Asphalt	10,560	0.56
08/09/2021	16:39:05	78772.86	394762.12	40.50	Asphalt	8,820	-1.50
08/09/2021	16:39:06	78772.79	394762.16	40.47	Asphalt	9,060	-1.21
08/09/2021	16:39:07	78772.82	394762.24	40.46	Asphalt	9,720	-0.43
08/09/2021	16:39:08	78772.87	394762.36	40.46	Asphalt	9,660	-0.50
08/09/2021	16:39:09	78772.98	394762.27	40.49	Asphalt	10,380	0.35
08/09/2021	16:39:10	78772.86	394761.88	40.48	Asphalt	10,080	-0.01
08/09/2021	16:39:11	78772.62	394761.43	40.48	Asphalt	10,440	0.42
08/09/2021	16:39:12	78772.47	394761.18	40.44	Asphalt	10,140	0.07
08/09/2021	16:39:13	78772.37	394760.97	40.44	Asphalt	10,560	0.56
08/09/2021	16:39:14	78772.30	394760.73	40.44	Asphalt	11,940	2.20
08/09/2021	16:39:15	78772.20	394760.47	40.45	Asphalt	10,860	0.92
08/09/2021	16:39:16	78772.14	394760.29	40.47	Asphalt	11,940	2.20
08/09/2021	16:39:17	78772.01	394760.02	40.49	Asphalt	9,900	-0.22
08/09/2021	16:39:18	78771.91	394759.74	40.50	Asphalt	11,580	1.77
08/09/2021	16:39:19	78771.79	394759.49	40.48	Asphalt	10,320	0.28
08/09/2021	16:39:20	78771.70	394759.24	40.49	Asphalt	10,920	0.99
08/09/2021	16:39:21	78771.63	394759.00	40.49	Asphalt	9,540	-0.64
08/09/2021	16:39:22	78771.59	394758.78	40.49	Asphalt	10,680	0.70
08/09/2021	16:39:23	78771.56	394758.54	40.49	Asphalt	9,240	-1.00
08/09/2021	16:39:24	78771.50	394758.23	40.44	Asphalt	11,520	1.70
08/09/2021	16:39:25	78771.55	394757.99	40.47	Asphalt	10,140	0.07
08/09/2021	16:39:26	78771.50	394757.70	40.51	Asphalt	9,420	-0.79
08/09/2021	16:39:27	78771.51	394757.46	40.56	Asphalt	10,020	-0.08
08/09/2021	16:39:28	78771.42	394757.20	40.56	Asphalt	11,220	1.34
08/09/2021	16:39:29	78771.44	394756.98	40.55	Asphalt	10,080	-0.01
08/09/2021	16:39:30	78771.47	394756.77	40.55	Asphalt	9,120	-1.14
08/09/2021	16:39:31	78771.38	394756.48	40.50	Asphalt	9,120	-1.14
08/09/2021	16:39:32	78771.45	394756.28	40.50	Asphalt	10,560	0.56
08/09/2021	16:39:33	78771.35	394756.09	40.45	Asphalt	10,860	0.92
08/09/2021	16:39:34	78771.32	394755.87	40.47	Asphalt	10,320	0.28
08/09/2021	16:39:35	78771.27	394755.60	40.46	Asphalt	11,160	1.27
08/09/2021	16:39:36	78771.20	394755.36	40.44	Asphalt	10,440	0.42
08/09/2021	16:39:37	78771.16	394755.11	40.42	Asphalt	11,520	1.70
08/09/2021	16:39:38	78771.08	394754.87	40.41	Asphalt	9,840	-0.29
08/09/2021	16:39:39	78771.12	394754.64	40.44	Asphalt	10,260	0.21
08/09/2021	16:39:40	78771.07	394754.36	40.39	Asphalt	10,680	0.70
08/09/2021	16:39:41	78771.09	394754.12	40.42	Asphalt	9,360	-0.86
08/09/2021	16:39:42	78771.08	394753.84	40.37	Asphalt	10,800	0.85
08/09/2021	16:39:43	78771.09	394753.54	40.40	Asphalt	10,680	0.70
08/09/2021	16:39:44	78770.95	394753.21	40.38	Asphalt	10,740	0.78
08/09/2021	16:39:45	78770.59	394752.95	40.48	Asphalt	11,460	1.63
08/09/2021	16:39:46	78770.51	394753.19	40.48	Asphalt	10,080	-0.01
08/09/2021	16:39:47	78770.60	394753.65	40.47	Asphalt	10,200	0.14
08/09/2021	16:39:48	78770.66	394753.77	40.51	Asphalt	10,680	0.70
08/09/2021	16:39:49	78770.99	394753.83	40.45	Asphalt	10,140	0.07
08/09/2021	16:39:50	78771.26	394754.03	40.51	Asphalt	11,100	1.20

SU 7D GWS RESULTS
(ASPHALT)

08/09/2021	16:39:51	78771.44	394754.22	40.45	Asphalt	12,060	2.34
08/09/2021	16:39:52	78771.47	394754.40	40.50	Asphalt	10,500	0.49
08/09/2021	16:39:53	78771.44	394754.58	40.45	Asphalt	10,020	-0.08
08/09/2021	16:39:54	78771.43	394754.73	40.47	Asphalt	11,700	1.91
08/09/2021	16:39:55	78771.41	394754.88	40.50	Asphalt	9,300	-0.93
08/09/2021	16:39:56	78771.46	394755.01	40.49	Asphalt	10,560	0.56
08/09/2021	16:39:57	78771.50	394755.12	40.55	Asphalt	11,220	1.34
08/09/2021	16:39:58	78771.57	394754.81	40.53	Asphalt	10,440	0.42
08/09/2021	16:39:59	78771.50	394754.05	40.55	Asphalt	10,200	0.14
08/09/2021	16:40:00	78771.10	394753.37	40.57	Asphalt	10,020	-0.08
08/09/2021	16:40:01	78770.63	394753.13	40.59	Asphalt	10,620	0.63
08/09/2021	16:40:02	78770.66	394753.41	40.57	Asphalt	10,260	0.21
08/09/2021	16:40:03	78770.74	394753.71	40.58	Asphalt	9,600	-0.57
08/09/2021	16:40:04	78770.69	394753.87	40.63	Asphalt	10,020	-0.08
08/09/2021	16:40:05	78770.74	394754.12	40.60	Asphalt	10,500	0.49
08/09/2021	16:40:06	78770.70	394754.33	40.66	Asphalt	9,180	-1.07
08/09/2021	16:40:07	78770.80	394754.56	40.65	Asphalt	10,500	0.49
08/09/2021	16:40:08	78770.78	394754.78	40.69	Asphalt	10,020	-0.08
08/09/2021	16:40:09	78770.87	394754.96	40.64	Asphalt	11,220	1.34
08/09/2021	16:40:10	78770.96	394755.11	40.62	Asphalt	9,900	-0.22
08/09/2021	16:40:11	78770.84	394755.25	40.67	Asphalt	10,560	0.56
08/09/2021	16:40:12	78770.96	394755.45	40.68	Asphalt	10,140	0.07
08/09/2021	16:40:13	78770.86	394755.56	40.70	Asphalt	9,540	-0.64
08/09/2021	16:40:14	78770.88	394755.74	40.68	Asphalt	9,720	-0.43
08/09/2021	16:40:15	78770.98	394755.97	40.66	Asphalt	10,020	-0.08
08/09/2021	16:40:16	78770.92	394756.15	40.69	Asphalt	10,380	0.35
08/09/2021	16:40:17	78770.97	394756.45	40.69	Asphalt	10,140	0.07
08/09/2021	16:40:18	78770.93	394756.68	40.77	Asphalt	9,660	-0.50
08/09/2021	16:40:19	78771.00	394756.93	40.74	Asphalt	8,340	-2.07
08/09/2021	16:40:20	78770.95	394757.18	40.81	Asphalt	10,680	0.70
08/09/2021	16:40:21	78771.00	394757.48	40.78	Asphalt	10,080	-0.01
08/09/2021	16:40:22	78771.07	394757.81	40.79	Asphalt	10,140	0.07
08/09/2021	16:40:23	78771.08	394758.10	40.80	Asphalt	8,940	-1.36
08/09/2021	16:40:24	78770.98	394758.33	40.79	Asphalt	10,320	0.28
08/09/2021	16:40:25	78770.88	394758.59	40.82	Asphalt	10,440	0.42
08/09/2021	16:40:26	78770.94	394758.88	40.78	Asphalt	10,800	0.85
08/09/2021	16:40:27	78770.86	394759.10	40.77	Asphalt	11,520	1.70
08/09/2021	16:40:28	78770.90	394759.36	40.76	Asphalt	10,920	0.99
08/09/2021	16:40:29	78770.87	394759.58	40.75	Asphalt	11,700	1.91
08/09/2021	16:40:30	78770.91	394759.78	40.70	Asphalt	10,860	0.92
08/09/2021	16:40:31	78770.97	394760.05	40.70	Asphalt	10,740	0.78
08/09/2021	16:40:32	78770.94	394760.30	40.73	Asphalt	10,740	0.78
08/09/2021	16:40:33	78771.04	394760.56	40.72	Asphalt	10,380	0.35
08/09/2021	16:40:34	78771.06	394760.75	40.76	Asphalt	11,100	1.20
08/09/2021	16:40:35	78771.27	394760.90	40.69	Asphalt	10,380	0.35
08/09/2021	16:40:36	78771.42	394761.00	40.74	Asphalt	10,740	0.78
08/09/2021	16:40:37	78771.60	394760.92	40.72	Asphalt	10,620	0.63
08/09/2021	16:40:38	78771.69	394760.79	40.72	Asphalt	10,380	0.35
08/09/2021	16:40:39	78771.58	394760.73	40.74	Asphalt	11,280	1.41
08/09/2021	16:40:40	78771.67	394760.61	40.69	Asphalt	10,320	0.28
08/09/2021	16:40:41	78771.60	394760.48	40.75	Asphalt	11,220	1.34

SU 7D GWS RESULTS
(ASPHALT)

08/09/2021	16:40:42	78771.58	394760.34	40.75	Asphalt	10,260	0.21
08/09/2021	16:40:43	78771.55	394760.19	40.77	Asphalt	10,140	0.07
08/09/2021	16:40:44	78771.49	394760.07	40.80	Asphalt	10,260	0.21
08/09/2021	16:40:45	78771.53	394759.92	40.82	Asphalt	9,840	-0.29
08/09/2021	16:40:46	78771.53	394759.75	40.83	Asphalt	11,340	1.49
08/09/2021	16:40:47	78771.50	394759.57	40.85	Asphalt	10,740	0.78
08/09/2021	16:40:48	78771.49	394759.40	40.87	Asphalt	11,760	1.98
08/09/2021	16:40:49	78771.51	394759.25	40.89	Asphalt	9,060	-1.21
08/09/2021	16:40:50	78771.51	394759.10	40.90	Asphalt	11,100	1.20
08/09/2021	16:40:51	78771.47	394758.95	40.87	Asphalt	10,080	-0.01
08/09/2021	16:40:52	78771.46	394758.90	40.89	Asphalt	10,080	-0.01
08/09/2021	16:40:53	78771.43	394759.04	40.88	Asphalt	11,520	1.70
08/09/2021	16:40:54	78771.40	394759.29	40.90	Asphalt	10,920	0.99
08/09/2021	16:40:55	78771.39	394759.55	40.82	Asphalt	10,920	0.99
08/09/2021	16:40:56	78771.32	394759.75	40.83	Asphalt	10,860	0.92
08/09/2021	16:40:57	78771.38	394760.03	40.76	Asphalt	9,420	-0.79
08/09/2021	16:40:58	78771.34	394760.30	40.79	Asphalt	10,500	0.49
08/09/2021	16:40:59	78771.38	394760.58	40.75	Asphalt	11,220	1.34
08/09/2021	16:41:00	78771.40	394760.87	40.80	Asphalt	9,900	-0.22
08/09/2021	16:41:01	78771.42	394761.16	40.75	Asphalt	10,980	1.06
08/09/2021	16:41:02	78771.44	394761.43	40.75	Asphalt	9,480	-0.72
08/09/2021	16:41:03	78771.40	394761.69	40.81	Asphalt	10,080	-0.01
08/09/2021	16:41:04	78771.42	394761.97	40.82	Asphalt	9,660	-0.50
08/09/2021	16:41:05	78771.31	394762.18	40.89	Asphalt	11,820	2.05
08/09/2021	16:41:06	78771.35	394762.42	40.88	Asphalt	10,140	0.07
08/09/2021	16:41:07	78771.28	394762.63	40.91	Asphalt	10,920	0.99
08/09/2021	16:41:08	78771.25	394762.81	40.90	Asphalt	9,660	-0.50
08/09/2021	16:41:09	78771.28	394763.03	40.88	Asphalt	11,580	1.77
08/09/2021	16:41:10	78771.19	394763.25	40.90	Asphalt	10,260	0.21
08/09/2021	16:41:11	78771.24	394763.55	40.86	Asphalt	11,100	1.20
08/09/2021	16:41:12	78771.17	394763.80	40.89	Asphalt	8,940	-1.36
08/09/2021	16:41:13	78771.16	394764.06	40.86	Asphalt	10,620	0.63
08/09/2021	16:41:14	78771.12	394764.33	40.92	Asphalt	10,500	0.49
08/09/2021	16:41:15	78771.10	394764.65	40.89	Asphalt	10,320	0.28
08/09/2021	16:41:16	78771.07	394764.94	40.90	Asphalt	10,020	-0.08
08/09/2021	16:41:17	78771.02	394765.22	40.88	Asphalt	8,940	-1.36
08/09/2021	16:41:18	78771.06	394765.56	40.87	Asphalt	10,680	0.70
08/09/2021	16:41:19	78771.02	394765.82	40.91	Asphalt	9,420	-0.79
08/09/2021	16:41:20	78771.08	394766.12	40.90	Asphalt	9,180	-1.07
08/09/2021	16:41:21	78771.06	394766.42	40.90	Asphalt	10,620	0.63
08/09/2021	16:41:22	78771.12	394766.65	40.84	Asphalt	10,260	0.21
08/09/2021	16:41:23	78771.11	394766.84	40.83	Asphalt	9,600	-0.57
08/09/2021	16:41:24	78771.12	394767.06	40.83	Asphalt	9,000	-1.28
08/09/2021	16:41:25	78771.12	394767.31	40.81	Asphalt	8,760	-1.57
08/09/2021	16:41:26	78771.09	394767.57	40.76	Asphalt	9,480	-0.72
08/09/2021	16:41:27	78771.04	394767.86	40.78	Asphalt	10,560	0.56
08/09/2021	16:41:28	78770.95	394768.20	40.73	Asphalt	9,540	-0.64
08/09/2021	16:41:29	78770.89	394768.58	40.74	Asphalt	10,440	0.42
08/09/2021	16:41:30	78770.84	394768.85	40.74	Asphalt	11,760	1.98
08/09/2021	16:41:31	78770.73	394768.93	40.78	Asphalt	10,320	0.28
08/09/2021	16:41:32	78770.67	394768.83	40.80	Asphalt	10,980	1.06

SU 7D GWS RESULTS
(ASPHALT)

08/09/2021	16:41:33	78770.73	394768.74	40.90	Asphalt	10,560	0.56
08/09/2021	16:41:34	78770.63	394768.61	40.91	Asphalt	9,240	-1.00
08/09/2021	16:41:35	78770.66	394768.49	40.95	Asphalt	11,100	1.20
08/09/2021	16:41:36	78770.65	394768.29	40.91	Asphalt	10,860	0.92
08/09/2021	16:41:37	78770.60	394768.00	40.95	Asphalt	10,500	0.49
08/09/2021	16:41:38	78770.59	394767.76	40.93	Asphalt	10,020	-0.08
08/09/2021	16:41:39	78770.61	394767.51	40.94	Asphalt	9,600	-0.57
08/09/2021	16:41:40	78770.60	394767.23	40.90	Asphalt	10,080	-0.01
08/09/2021	16:41:41	78770.58	394766.95	40.91	Asphalt	8,580	-1.78
08/09/2021	16:41:42	78770.60	394766.68	40.90	Asphalt	10,140	0.07
08/09/2021	16:41:43	78770.62	394766.40	40.90	Asphalt	8,700	-1.64
08/09/2021	16:41:44	78770.68	394766.11	40.90	Asphalt	9,240	-1.00
08/09/2021	16:41:45	78770.70	394765.82	40.89	Asphalt	9,360	-0.86
08/09/2021	16:41:46	78770.75	394765.54	40.88	Asphalt	10,440	0.42
08/09/2021	16:41:47	78770.71	394765.27	40.86	Asphalt	9,840	-0.29
08/09/2021	16:41:48	78770.74	394765.03	40.86	Asphalt	8,940	-1.36
08/09/2021	16:41:49	78770.75	394764.81	40.84	Asphalt	9,240	-1.00
08/09/2021	16:41:50	78770.80	394764.52	40.86	Asphalt	9,300	-0.93
08/09/2021	16:41:51	78770.84	394764.21	40.82	Asphalt	9,540	-0.64
08/09/2021	16:41:52	78770.88	394763.86	40.85	Asphalt	9,300	-0.93
08/09/2021	16:41:53	78770.84	394763.50	40.81	Asphalt	9,720	-0.43
08/09/2021	16:41:54	78770.85	394763.17	40.86	Asphalt	9,720	-0.43
08/09/2021	16:41:55	78770.88	394762.93	40.82	Asphalt	10,440	0.42
08/09/2021	16:41:56	78770.90	394762.68	40.86	Asphalt	10,980	1.06
08/09/2021	16:41:57	78770.91	394762.45	40.82	Asphalt	11,520	1.70
08/09/2021	16:41:58	78770.88	394762.21	40.77	Asphalt	8,580	-1.78
08/09/2021	16:41:59	78770.91	394761.93	40.73	Asphalt	9,720	-0.43
08/09/2021	16:42:00	78770.85	394761.63	40.67	Asphalt	12,180	2.48
08/09/2021	16:42:01	78770.86	394761.38	40.65	Asphalt	10,200	0.14
08/09/2021	16:42:02	78770.80	394761.09	40.59	Asphalt	12,540	2.91
08/09/2021	16:42:03	78770.82	394760.86	40.64	Asphalt	10,140	0.07
08/09/2021	16:42:04	78770.75	394760.64	40.56	Asphalt	11,160	1.27
08/09/2021	16:42:05	78770.74	394760.37	40.57	Asphalt	11,520	1.70
08/09/2021	16:42:06	78770.67	394760.08	40.47	Asphalt	11,160	1.27
08/09/2021	16:42:07	78770.57	394759.78	40.47	Asphalt	10,980	1.06
08/09/2021	16:42:08	78770.55	394759.50	40.45	Asphalt	11,040	1.13
08/09/2021	16:42:09	78770.43	394759.24	40.45	Asphalt	11,760	1.98
08/09/2021	16:42:10	78770.49	394758.98	40.55	Asphalt	10,320	0.28
08/09/2021	16:42:11	78770.39	394758.72	40.46	Asphalt	9,300	-0.93
08/09/2021	16:42:12	78770.35	394758.43	40.49	Asphalt	10,440	0.42
08/09/2021	16:42:13	78770.28	394758.15	40.42	Asphalt	9,840	-0.29
08/09/2021	16:42:14	78770.29	394757.93	40.44	Asphalt	10,500	0.49
08/09/2021	16:42:15	78770.33	394757.64	40.41	Asphalt	9,900	-0.22
08/09/2021	16:42:16	78770.27	394757.27	40.46	Asphalt	9,900	-0.22
08/09/2021	16:42:17	78770.24	394756.96	40.40	Asphalt	9,420	-0.79
08/09/2021	16:42:18	78770.17	394756.70	40.38	Asphalt	11,820	2.05
08/09/2021	16:42:19	78770.19	394756.43	40.41	Asphalt	10,800	0.85
08/09/2021	16:42:20	78770.10	394756.17	40.41	Asphalt	11,520	1.70
08/09/2021	16:42:21	78770.11	394755.90	40.41	Asphalt	10,560	0.56
08/09/2021	16:42:22	78770.05	394755.65	40.35	Asphalt	10,320	0.28
08/09/2021	16:42:23	78770.04	394755.37	40.38	Asphalt	10,080	-0.01

SU 7D GWS RESULTS
(ASPHALT)

08/09/2021	16:42:24	78770.02	394755.05	40.32	Asphalt	10,500	0.49
08/09/2021	16:42:25	78769.98	394754.73	40.28	Asphalt	10,080	-0.01
08/09/2021	16:42:26	78769.99	394754.43	40.21	Asphalt	10,500	0.49
08/09/2021	16:42:27	78770.05	394754.19	40.17	Asphalt	11,220	1.34
08/09/2021	16:42:28	78770.10	394753.95	40.09	Asphalt	10,320	0.28
08/09/2021	16:42:29	78769.98	394753.66	40.09	Asphalt	11,160	1.27
08/09/2021	16:42:30	78769.91	394753.35	40.01	Asphalt	11,280	1.41
08/09/2021	16:42:31	78769.87	394753.19	39.88	Asphalt	9,780	-0.36
08/09/2021	16:42:32	78770.01	394753.29	39.74	Asphalt	10,320	0.28
08/09/2021	16:42:33	78770.06	394753.51	39.76	Asphalt	9,960	-0.15
08/09/2021	16:42:34	78770.08	394753.73	39.73	Asphalt	10,320	0.28
08/09/2021	16:42:35	78770.12	394753.95	39.88	Asphalt	9,300	-0.93
08/09/2021	16:42:36	78770.11	394754.11	40.01	Asphalt	10,140	0.07
08/09/2021	16:42:37	78770.20	394754.27	40.05	Asphalt	10,440	0.42
08/09/2021	16:42:38	78770.17	394754.47	40.11	Asphalt	9,360	-0.86
08/09/2021	16:42:39	78770.24	394754.69	40.11	Asphalt	11,040	1.13
08/09/2021	16:42:40	78770.28	394754.96	40.14	Asphalt	9,420	-0.79
08/09/2021	16:42:41	78770.30	394755.25	40.10	Asphalt	10,440	0.42
08/09/2021	16:42:42	78770.35	394755.52	40.17	Asphalt	10,860	0.92
08/09/2021	16:42:43	78770.37	394755.79	40.09	Asphalt	10,260	0.21
08/09/2021	16:42:44	78770.42	394756.05	40.10	Asphalt	10,440	0.42
08/09/2021	16:42:45	78770.45	394756.28	40.08	Asphalt	10,080	-0.01
08/09/2021	16:42:46	78770.53	394756.54	40.12	Asphalt	10,920	0.99
08/09/2021	16:42:47	78770.51	394756.82	40.13	Asphalt	10,260	0.21
08/09/2021	16:42:48	78770.59	394757.07	40.14	Asphalt	11,340	1.49
08/09/2021	16:42:49	78770.57	394757.34	40.15	Asphalt	9,780	-0.36
08/09/2021	16:42:50	78770.57	394757.61	40.18	Asphalt	9,840	-0.29
08/09/2021	16:42:51	78770.53	394757.94	40.22	Asphalt	10,860	0.92
08/09/2021	16:42:52	78770.51	394758.30	40.29	Asphalt	10,140	0.07
08/09/2021	16:42:53	78770.52	394758.62	40.41	Asphalt	10,920	0.99
08/09/2021	16:42:54	78770.65	394758.85	40.54	Asphalt	8,400	-1.99
08/09/2021	16:42:55	78770.84	394759.06	40.72	Asphalt	9,480	-0.72
08/09/2021	16:42:56	78770.83	394759.21	40.77	Asphalt	8,700	-1.64
08/09/2021	16:42:57	78770.82	394759.25	40.79	Asphalt	9,540	-0.64
08/09/2021	16:43:17	78769.47	394753.50	40.94	Asphalt	11,100	1.20
08/09/2021	16:43:18	78769.50	394753.49	40.86	Asphalt	10,200	0.14
08/09/2021	16:43:19	78769.39	394753.52	40.84	Asphalt	11,400	1.56
08/09/2021	16:43:20	78769.49	394753.67	40.78	Asphalt	10,440	0.42
08/09/2021	16:43:21	78769.75	394753.89	40.78	Asphalt	10,440	0.42
08/09/2021	16:43:22	78769.66	394754.05	40.81	Asphalt	10,560	0.56
08/09/2021	16:43:23	78769.70	394754.23	40.76	Asphalt	10,800	0.85
08/09/2021	16:43:24	78769.78	394754.43	40.75	Asphalt	11,160	1.27
08/09/2021	16:43:25	78769.84	394754.61	40.71	Asphalt	9,540	-0.64
08/09/2021	16:43:26	78770.03	394754.79	40.69	Asphalt	10,380	0.35
08/09/2021	16:43:27	78769.99	394754.97	40.68	Asphalt	10,260	0.21
08/09/2021	16:43:28	78770.04	394755.20	40.65	Asphalt	9,120	-1.14
08/09/2021	16:43:29	78770.01	394755.42	40.68	Asphalt	10,020	-0.08
08/09/2021	16:43:30	78770.10	394755.61	40.61	Asphalt	8,940	-1.36
08/09/2021	16:43:31	78770.17	394755.83	40.61	Asphalt	10,440	0.42
08/09/2021	16:43:32	78770.13	394756.04	40.55	Asphalt	10,500	0.49
08/09/2021	16:43:33	78770.22	394756.30	40.52	Asphalt	10,020	-0.08

SU 7D GWS RESULTS
(ASPHALT)

08/09/2021	16:43:34	78770.19	394756.55	40.52	Asphalt	10,680	0.70
08/09/2021	16:43:35	78770.25	394756.85	40.47	Asphalt	9,180	-1.07
08/09/2021	16:43:36	78770.21	394757.13	40.53	Asphalt	10,080	-0.01
08/09/2021	16:43:37	78770.18	394757.44	40.49	Asphalt	8,460	-1.92
08/09/2021	16:43:38	78770.15	394757.76	40.56	Asphalt	8,580	-1.78
08/09/2021	16:43:39	78770.18	394757.99	40.51	Asphalt	9,960	-0.15
08/09/2021	16:43:40	78770.18	394758.23	40.53	Asphalt	10,980	1.06
08/09/2021	16:43:41	78770.13	394758.48	40.47	Asphalt	11,340	1.49
08/09/2021	16:43:42	78770.19	394758.80	40.47	Asphalt	10,140	0.07
08/09/2021	16:43:43	78770.16	394759.07	40.44	Asphalt	9,000	-1.28
08/09/2021	16:43:44	78770.28	394759.35	40.39	Asphalt	11,160	1.27
08/09/2021	16:43:45	78770.26	394759.59	40.43	Asphalt	10,800	0.85
08/09/2021	16:43:46	78770.32	394759.86	40.42	Asphalt	12,060	2.34
08/09/2021	16:43:47	78770.34	394760.11	40.48	Asphalt	9,840	-0.29
08/09/2021	16:43:48	78770.40	394760.29	40.44	Asphalt	10,380	0.35
08/09/2021	16:43:49	78770.46	394760.53	40.46	Asphalt	11,100	1.20
08/09/2021	16:43:50	78770.50	394760.73	40.46	Asphalt	10,200	0.14
08/09/2021	16:43:51	78770.69	394761.00	40.46	Asphalt	11,520	1.70
08/09/2021	16:43:52	78770.61	394761.26	40.50	Asphalt	8,700	-1.64
08/09/2021	16:43:53	78770.73	394761.43	40.45	Asphalt	10,620	0.63
08/09/2021	16:43:54	78770.77	394761.63	40.52	Asphalt	10,740	0.78
08/09/2021	16:43:55	78770.73	394761.92	40.48	Asphalt	10,860	0.92
08/09/2021	16:43:56	78770.76	394762.20	40.52	Asphalt	9,660	-0.50
08/09/2021	16:43:57	78770.70	394762.46	40.52	Asphalt	10,320	0.28
08/09/2021	16:43:58	78770.79	394762.80	40.44	Asphalt	10,080	-0.01
08/09/2021	16:43:59	78770.70	394763.10	40.50	Asphalt	9,600	-0.57
08/09/2021	16:44:00	78770.70	394763.40	40.46	Asphalt	10,080	-0.01
08/09/2021	16:44:01	78770.69	394763.71	40.48	Asphalt	9,840	-0.29
08/09/2021	16:44:02	78770.64	394764.03	40.45	Asphalt	9,540	-0.64
08/09/2021	16:44:03	78770.75	394764.40	40.43	Asphalt	10,200	0.14
08/09/2021	16:44:04	78770.63	394764.67	40.52	Asphalt	8,580	-1.78
08/09/2021	16:44:05	78770.75	394764.94	40.45	Asphalt	9,780	-0.36
08/09/2021	16:44:06	78770.74	394765.18	40.48	Asphalt	9,000	-1.28
08/09/2021	16:44:07	78770.67	394765.42	40.44	Asphalt	9,720	-0.43
08/09/2021	16:44:08	78770.77	394765.76	40.43	Asphalt	9,540	-0.64
08/09/2021	16:44:09	78770.75	394766.05	40.42	Asphalt	7,980	-2.49
08/09/2021	16:44:10	78770.80	394766.32	40.40	Asphalt	8,340	-2.07
08/09/2021	16:44:11	78770.74	394766.56	40.43	Asphalt	10,440	0.42
08/09/2021	16:44:12	78770.83	394766.85	40.36	Asphalt	9,720	-0.43
08/09/2021	16:44:13	78770.84	394767.13	40.38	Asphalt	9,540	-0.64
08/09/2021	16:44:14	78770.83	394767.38	40.36	Asphalt	10,020	-0.08
08/09/2021	16:44:15	78770.87	394767.67	40.37	Asphalt	10,920	0.99
08/09/2021	16:44:16	78770.85	394767.97	40.36	Asphalt	9,780	-0.36
08/09/2021	16:44:17	78770.89	394768.29	40.34	Asphalt	9,300	-0.93
08/09/2021	16:44:18	78770.78	394768.55	40.36	Asphalt	9,600	-0.57
08/09/2021	16:44:19	78770.76	394768.81	40.37	Asphalt	10,080	-0.01
08/09/2021	16:44:20	78770.59	394768.81	40.49	Asphalt	9,720	-0.43
08/09/2021	16:44:21	78770.54	394768.77	40.54	Asphalt	10,980	1.06
08/09/2021	16:44:22	78770.57	394768.82	40.55	Asphalt	10,560	0.56
08/09/2021	16:44:23	78770.27	394768.72	40.54	Asphalt	10,080	-0.01
08/09/2021	16:44:24	78770.13	394768.61	40.53	Asphalt	10,260	0.21

SU 7D GWS RESULTS
(ASPHALT)

08/09/2021	16:44:25	78770.24	394768.48	40.52	Asphalt	9,360	-0.86
08/09/2021	16:44:26	78770.16	394768.21	40.53	Asphalt	10,320	0.28
08/09/2021	16:44:27	78770.20	394767.96	40.53	Asphalt	9,480	-0.72
08/09/2021	16:44:28	78770.18	394767.71	40.47	Asphalt	11,400	1.56
08/09/2021	16:44:29	78770.12	394767.42	40.46	Asphalt	10,800	0.85
08/09/2021	16:44:30	78770.17	394767.16	40.45	Asphalt	9,420	-0.79
08/09/2021	16:44:31	78770.09	394766.92	40.43	Asphalt	8,640	-1.71
08/09/2021	16:44:32	78770.13	394766.76	40.45	Asphalt	9,180	-1.07
08/09/2021	16:44:33	78770.06	394766.53	40.44	Asphalt	9,300	-0.93
08/09/2021	16:44:34	78770.08	394766.26	40.48	Asphalt	9,360	-0.86
08/09/2021	16:44:35	78770.06	394766.00	40.41	Asphalt	9,000	-1.28
08/09/2021	16:44:36	78770.05	394765.68	40.35	Asphalt	10,140	0.07
08/09/2021	16:44:37	78770.08	394765.38	40.32	Asphalt	9,240	-1.00
08/09/2021	16:44:38	78769.94	394765.11	40.31	Asphalt	9,300	-0.93
08/09/2021	16:44:39	78770.03	394764.96	40.34	Asphalt	10,200	0.14
08/09/2021	16:44:40	78769.98	394764.83	40.35	Asphalt	9,360	-0.86
08/09/2021	16:44:41	78770.04	394764.68	40.23	Asphalt	9,360	-0.86
08/09/2021	16:44:42	78770.12	394764.58	40.23	Asphalt	9,900	-0.22
08/09/2021	16:44:43	78769.86	394764.34	40.21	Asphalt	8,580	-1.78
08/09/2021	16:44:44	78769.84	394764.08	40.27	Asphalt	8,640	-1.71
08/09/2021	16:44:45	78769.74	394763.84	40.22	Asphalt	10,980	1.06
08/09/2021	16:44:46	78769.70	394763.62	40.24	Asphalt	9,960	-0.15
08/09/2021	16:44:47	78769.81	394763.41	40.20	Asphalt	9,240	-1.00
08/09/2021	16:44:48	78769.75	394763.10	40.17	Asphalt	9,960	-0.15
08/09/2021	16:44:49	78769.83	394762.87	40.16	Asphalt	11,760	1.98
08/09/2021	16:44:50	78769.82	394762.67	40.14	Asphalt	11,640	1.84
08/09/2021	16:44:51	78769.94	394762.51	40.19	Asphalt	10,260	0.21
08/09/2021	16:44:52	78769.92	394762.25	40.16	Asphalt	9,900	-0.22
08/09/2021	16:44:53	78769.99	394762.03	40.21	Asphalt	10,080	-0.01
08/09/2021	16:44:54	78769.98	394761.83	40.15	Asphalt	9,120	-1.14
08/09/2021	16:44:55	78769.95	394761.60	40.16	Asphalt	9,600	-0.57
08/09/2021	16:44:56	78769.97	394761.38	40.14	Asphalt	10,140	0.07
08/09/2021	16:44:57	78769.87	394761.11	40.16	Asphalt	9,720	-0.43
08/09/2021	16:44:58	78769.89	394760.86	40.12	Asphalt	11,400	1.56
08/09/2021	16:44:59	78769.79	394760.51	40.11	Asphalt	11,640	1.84
08/09/2021	16:45:00	78769.79	394760.17	40.09	Asphalt	10,980	1.06
08/09/2021	16:45:01	78769.78	394759.93	40.06	Asphalt	8,820	-1.50
08/09/2021	16:45:02	78769.79	394759.73	40.10	Asphalt	10,980	1.06
08/09/2021	16:45:03	78769.71	394759.46	40.08	Asphalt	10,500	0.49
08/09/2021	16:45:04	78769.65	394759.16	40.14	Asphalt	9,840	-0.29
08/09/2021	16:45:05	78769.64	394758.91	40.12	Asphalt	10,680	0.70
08/09/2021	16:45:06	78769.68	394758.68	40.14	Asphalt	9,240	-1.00
08/09/2021	16:45:07	78769.72	394758.46	40.11	Asphalt	9,600	-0.57
08/09/2021	16:45:08	78769.69	394758.20	40.11	Asphalt	12,120	2.41
08/09/2021	16:45:09	78769.69	394757.96	40.07	Asphalt	11,280	1.41
08/09/2021	16:45:10	78769.57	394757.70	40.06	Asphalt	9,420	-0.79
08/09/2021	16:45:11	78769.56	394757.45	40.06	Asphalt	10,320	0.28
08/09/2021	16:45:12	78769.46	394757.25	40.02	Asphalt	10,560	0.56
08/09/2021	16:45:13	78769.48	394757.07	40.06	Asphalt	9,660	-0.50
08/09/2021	16:45:14	78769.47	394756.86	40.01	Asphalt	10,800	0.85
08/09/2021	16:45:15	78769.49	394756.65	40.03	Asphalt	9,180	-1.07

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(ASPHALT)

08/09/2021	16:45:16	78769.51	394756.45	40.03	Asphalt	8,820	-1.50
08/09/2021	16:45:17	78769.47	394756.21	40.04	Asphalt	10,380	0.35
08/09/2021	16:45:18	78769.49	394755.99	40.03	Asphalt	10,680	0.70
08/09/2021	16:45:19	78769.39	394755.79	40.04	Asphalt	10,200	0.14
08/09/2021	16:45:20	78769.48	394755.59	40.08	Asphalt	11,880	2.12
08/09/2021	16:45:21	78769.38	394755.32	40.09	Asphalt	10,320	0.28
08/09/2021	16:45:22	78769.38	394755.09	40.14	Asphalt	9,480	-0.72
08/09/2021	16:45:23	78769.36	394754.91	40.12	Asphalt	10,200	0.14
08/09/2021	16:45:24	78769.32	394754.71	40.14	Asphalt	10,200	0.14
08/09/2021	16:45:25	78769.35	394754.48	40.13	Asphalt	11,640	1.84
08/09/2021	16:45:26	78769.29	394754.24	40.11	Asphalt	10,080	-0.01
08/09/2021	16:45:27	78769.32	394753.99	40.07	Asphalt	10,500	0.49
08/09/2021	16:45:28	78769.26	394753.77	40.10	Asphalt	9,960	-0.15
08/09/2021	16:45:29	78769.41	394753.73	40.07	Asphalt	10,260	0.21
08/09/2021	16:45:30	78769.31	394753.81	40.05	Asphalt	10,440	0.42
08/09/2021	16:45:31	78769.22	394753.89	40.09	Asphalt	10,680	0.70
08/09/2021	16:45:32	78769.49	394754.14	40.14	Asphalt	9,720	-0.43
08/09/2021	16:45:33	78769.47	394754.34	40.26	Asphalt	9,660	-0.50
08/09/2021	16:45:34	78769.52	394754.60	40.21	Asphalt	11,040	1.13
08/09/2021	16:45:35	78769.62	394754.94	40.26	Asphalt	8,760	-1.57
08/09/2021	16:45:36	78769.63	394755.29	40.17	Asphalt	10,200	0.14
08/09/2021	16:45:37	78769.69	394755.67	40.21	Asphalt	10,740	0.78
08/09/2021	16:45:38	78769.67	394756.04	40.15	Asphalt	9,840	-0.29
08/09/2021	16:45:39	78769.68	394756.47	40.17	Asphalt	10,080	-0.01
08/09/2021	16:45:40	78769.63	394756.92	40.14	Asphalt	10,320	0.28
08/09/2021	16:45:41	78769.64	394757.35	40.16	Asphalt	10,440	0.42
08/09/2021	16:45:42	78769.63	394757.75	40.16	Asphalt	9,120	-1.14
08/09/2021	16:45:43	78769.79	394758.12	40.15	Asphalt	10,020	-0.08
08/09/2021	16:45:44	78769.89	394758.49	40.21	Asphalt	9,600	-0.57
08/09/2021	16:45:45	78770.04	394758.82	40.13	Asphalt	10,380	0.35
08/09/2021	16:45:46	78770.06	394759.06	40.17	Asphalt	9,780	-0.36
08/09/2021	16:45:47	78770.04	394759.31	40.09	Asphalt	12,900	3.33
08/09/2021	16:45:48	78770.21	394759.71	40.12	Asphalt	10,320	0.28
08/09/2021	16:45:49	78770.21	394760.07	40.10	Asphalt	9,120	-1.14
08/09/2021	16:45:50	78770.31	394760.44	40.16	Asphalt	11,520	1.70
08/09/2021	16:45:51	78770.41	394760.87	40.13	Asphalt	10,380	0.35
08/09/2021	16:45:52	78770.57	394761.28	40.14	Asphalt	10,140	0.07
08/09/2021	16:45:53	78770.56	394761.64	40.12	Asphalt	9,540	-0.64
08/09/2021	16:45:54	78770.56	394761.96	40.13	Asphalt	9,600	-0.57
08/09/2021	16:45:55	78770.60	394762.27	40.13	Asphalt	11,220	1.34
08/09/2021	16:45:56	78770.70	394762.59	40.10	Asphalt	9,900	-0.22
08/09/2021	16:45:57	78770.78	394762.87	40.20	Asphalt	9,300	-0.93
08/09/2021	16:45:58	78770.87	394763.14	40.14	Asphalt	11,040	1.13
08/09/2021	16:45:59	78770.81	394763.36	40.16	Asphalt	10,200	0.14
08/09/2021	16:46:00	78770.71	394763.52	40.07	Asphalt	9,660	-0.50
08/09/2021	16:46:01	78770.85	394763.75	40.05	Asphalt	8,760	-1.57
08/09/2021	16:46:02	78770.71	394763.89	40.06	Asphalt	9,960	-0.15
08/09/2021	16:46:03	78770.69	394763.89	40.06	Asphalt	9,300	-0.93
08/09/2021	16:46:04	78770.64	394763.84	40.09	Asphalt	8,340	-2.07
08/09/2021	16:46:05	78770.63	394763.84	40.10	Asphalt	10,920	0.99
08/09/2021	16:46:06	78770.68	394763.83	40.13	Asphalt	8,880	-1.43

SU 7D GWS RESULTS
(ASPHALT)

08/09/2021	16:46:07	78770.74	394763.75	40.13	Asphalt	10,980	1.06
08/09/2021	16:46:08	78770.68	394763.61	40.20	Asphalt	10,620	0.63
08/09/2021	16:46:09	78770.71	394763.53	40.21	Asphalt	10,860	0.92
08/09/2021	16:46:10	78770.74	394763.41	40.24	Asphalt	10,740	0.78
08/09/2021	16:46:11	78770.56	394763.20	40.23	Asphalt	9,480	-0.72
08/09/2021	16:46:12	78770.56	394763.10	40.20	Asphalt	10,800	0.85
08/09/2021	16:46:13	78770.50	394763.11	40.21	Asphalt	9,720	-0.43
08/09/2021	16:46:14	78770.53	394763.38	40.17	Asphalt	10,320	0.28
08/09/2021	16:46:15	78770.43	394763.63	40.20	Asphalt	10,800	0.85
08/09/2021	16:46:16	78770.44	394763.91	40.15	Asphalt	9,900	-0.22
08/09/2021	16:46:17	78770.44	394764.16	40.20	Asphalt	9,720	-0.43
08/09/2021	16:46:18	78770.40	394764.45	40.15	Asphalt	9,480	-0.72
08/09/2021	16:46:19	78770.40	394764.71	40.10	Asphalt	10,980	1.06
08/09/2021	16:46:20	78770.32	394764.84	40.12	Asphalt	9,420	-0.79
08/09/2021	16:46:21	78770.47	394765.12	40.10	Asphalt	9,300	-0.93
08/09/2021	16:46:22	78770.41	394765.30	40.12	Asphalt	9,300	-0.93
08/09/2021	16:46:23	78770.44	394765.49	40.06	Asphalt	8,520	-1.85
08/09/2021	16:46:24	78770.47	394765.68	40.13	Asphalt	9,420	-0.79
08/09/2021	16:46:25	78770.42	394765.85	40.02	Asphalt	8,820	-1.50
08/09/2021	16:46:26	78770.48	394766.15	40.04	Asphalt	9,900	-0.22
08/09/2021	16:46:27	78770.44	394766.40	39.95	Asphalt	9,240	-1.00
08/09/2021	16:46:28	78770.56	394766.77	39.98	Asphalt	9,360	-0.86
08/09/2021	16:46:29	78770.50	394767.06	40.00	Asphalt	9,600	-0.57
08/09/2021	16:46:30	78770.54	394767.38	39.98	Asphalt	10,560	0.56
08/09/2021	16:46:31	78770.53	394767.68	39.95	Asphalt	9,540	-0.64
08/09/2021	16:46:32	78770.52	394767.98	39.97	Asphalt	10,740	0.78
08/09/2021	16:46:33	78770.46	394768.35	39.97	Asphalt	9,480	-0.72
08/09/2021	16:46:34	78770.37	394768.59	40.02	Asphalt	9,600	-0.57
08/09/2021	16:46:35	78770.22	394768.56	40.19	Asphalt	9,060	-1.21
08/09/2021	16:46:36	78770.27	394768.57	40.21	Asphalt	11,040	1.13
08/09/2021	16:46:37	78770.28	394768.70	40.18	Asphalt	9,540	-0.64
08/09/2021	16:46:38	78770.03	394768.54	40.16	Asphalt	10,500	0.49
08/09/2021	16:46:39	78770.08	394768.44	40.18	Asphalt	9,960	-0.15
08/09/2021	16:46:40	78770.08	394768.27	40.13	Asphalt	11,160	1.27
08/09/2021	16:46:41	78770.00	394768.01	40.21	Asphalt	9,060	-1.21
08/09/2021	16:46:42	78769.95	394767.85	40.14	Asphalt	9,120	-1.14
08/09/2021	16:46:43	78769.80	394767.78	40.00	Asphalt	9,840	-0.29
08/09/2021	16:46:44	78769.80	394767.82	39.99	Asphalt	11,400	1.56
08/09/2021	16:46:45	78769.72	394767.84	39.94	Asphalt	10,980	1.06
08/09/2021	16:46:46	78769.65	394767.87	39.91	Asphalt	9,720	-0.43
08/09/2021	16:46:47	78769.63	394767.88	39.97	Asphalt	10,500	0.49
08/09/2021	16:46:48	78769.64	394767.86	39.98	Asphalt	9,840	-0.29
08/09/2021	16:46:49	78769.65	394767.80	39.99	Asphalt	10,080	-0.01
08/09/2021	16:46:50	78769.66	394767.77	40.01	Asphalt	9,780	-0.36
08/09/2021	16:46:51	78769.67	394767.75	40.09	Asphalt	10,620	0.63
08/09/2021	16:46:52	78769.66	394767.73	40.06	Asphalt	9,420	-0.79
08/09/2021	16:46:53	78769.64	394767.74	40.15	Asphalt	8,040	-2.42
08/09/2021	16:46:54	78769.62	394767.72	40.17	Asphalt	9,540	-0.64
08/09/2021	16:46:55	78769.60	394767.67	40.15	Asphalt	11,700	1.91
08/09/2021	16:46:56	78769.60	394767.72	40.34	Asphalt	10,980	1.06
08/09/2021	16:46:57	78769.60	394767.69	40.39	Asphalt	9,240	-1.00

SU 7D GWS RESULTS
(ASPHALT)

08/09/2021	16:46:58	78769.60	394767.59	40.42	Asphalt	10,500	0.49
08/09/2021	16:46:59	78769.60	394767.58	40.43	Asphalt	11,040	1.13
08/09/2021	16:47:00	78769.61	394767.59	40.48	Asphalt	10,800	0.85
08/09/2021	16:47:01	78769.62	394767.59	40.49	Asphalt	10,620	0.63
08/09/2021	16:47:02	78769.62	394767.58	40.53	Asphalt	9,720	-0.43
08/09/2021	16:47:03	78769.62	394767.57	40.71	Asphalt	9,120	-1.14
08/09/2021	16:47:04	78769.61	394767.55	40.81	Asphalt	9,840	-0.29
08/09/2021	16:47:05	78769.52	394767.48	40.87	Asphalt	8,280	-2.14
08/09/2021	16:47:06	78769.42	394767.43	40.90	Asphalt	10,320	0.28
08/09/2021	16:47:07	78769.36	394767.45	40.92	Asphalt	11,100	1.20
08/09/2021	16:47:08	78769.32	394767.50	41.06	Asphalt	10,380	0.35
08/09/2021	16:47:09	78769.30	394767.49	41.22	Asphalt	10,140	0.07
08/09/2021	16:47:10	78769.42	394767.36	41.23	Asphalt	10,020	-0.08
08/09/2021	16:47:11	78769.24	394767.14	41.21	Asphalt	9,600	-0.57
08/09/2021	16:47:12	78769.09	394767.17	41.27	Asphalt	12,240	2.55
08/09/2021	16:47:13	78769.24	394767.33	41.28	Asphalt	10,860	0.92
08/09/2021	16:47:14	78769.32	394767.31	41.31	Asphalt	10,440	0.42
08/09/2021	16:47:15	78769.37	394767.31	41.30	Asphalt	10,560	0.56
08/09/2021	16:47:16	78769.38	394767.30	41.29	Asphalt	9,360	-0.86
08/09/2021	16:47:17	78769.38	394767.31	41.28	Asphalt	12,060	2.34
08/09/2021	16:47:18	78769.39	394767.33	41.28	Asphalt	10,140	0.07
08/09/2021	16:47:19	78769.39	394767.34	41.24	Asphalt	9,960	-0.15
08/09/2021	16:47:20	78769.49	394767.39	41.26	Asphalt	8,280	-2.14
08/09/2021	16:47:21	78769.66	394767.43	41.17	Asphalt	9,480	-0.72
08/09/2021	16:47:22	78769.59	394767.30	41.21	Asphalt	9,780	-0.36
08/09/2021	16:47:23	78769.51	394766.99	41.14	Asphalt	9,300	-0.93
08/09/2021	16:47:24	78769.77	394766.79	41.04	Asphalt	9,420	-0.79
08/09/2021	16:47:25	78769.69	394766.61	41.09	Asphalt	7,920	-2.56
08/09/2021	16:47:26	78769.64	394766.43	41.02	Asphalt	10,800	0.85
08/09/2021	16:47:27	78770.01	394766.24	41.08	Asphalt	8,520	-1.85
08/09/2021	16:47:28	78769.79	394765.93	40.98	Asphalt	9,780	-0.36
08/09/2021	16:47:29	78769.46	394765.57	40.96	Asphalt	10,440	0.42
08/09/2021	16:47:30	78769.58	394765.29	40.93	Asphalt	10,860	0.92
08/09/2021	16:47:31	78769.83	394765.17	40.88	Asphalt	9,000	-1.28
08/09/2021	16:47:32	78769.68	394764.96	40.97	Asphalt	8,880	-1.43
08/09/2021	16:47:33	78769.62	394764.79	40.85	Asphalt	9,300	-0.93
08/09/2021	16:47:34	78769.85	394764.68	40.85	Asphalt	10,020	-0.08
08/09/2021	16:47:35	78769.69	394764.30	40.89	Asphalt	9,000	-1.28
08/09/2021	16:47:36	78769.66	394763.91	40.83	Asphalt	10,080	-0.01
08/09/2021	16:47:37	78769.50	394763.61	40.89	Asphalt	9,480	-0.72
08/09/2021	16:47:38	78769.44	394763.31	40.78	Asphalt	11,220	1.34
08/09/2021	16:47:39	78769.64	394763.09	40.74	Asphalt	10,560	0.56
08/09/2021	16:47:40	78769.51	394762.83	40.91	Asphalt	10,980	1.06
08/09/2021	16:47:41	78769.67	394762.60	40.69	Asphalt	9,660	-0.50
08/09/2021	16:47:42	78769.77	394762.43	40.75	Asphalt	9,480	-0.72
08/09/2021	16:47:43	78769.61	394762.16	40.74	Asphalt	9,240	-1.00
08/09/2021	16:47:44	78769.78	394761.99	40.71	Asphalt	9,600	-0.57
08/09/2021	16:47:45	78769.68	394761.67	40.77	Asphalt	9,960	-0.15
08/09/2021	16:47:46	78769.64	394761.30	40.58	Asphalt	11,100	1.20
08/09/2021	16:47:47	78769.69	394761.05	40.59	Asphalt	10,080	-0.01
08/09/2021	16:47:48	78769.60	394760.76	40.50	Asphalt	11,520	1.70

SU 7D GWS RESULTS
(ASPHALT)

08/09/2021	16:47:49	78769.70	394760.52	40.47	Asphalt	10,020	-0.08
08/09/2021	16:47:50	78769.55	394760.28	40.53	Asphalt	11,160	1.27
08/09/2021	16:47:51	78769.55	394760.03	40.36	Asphalt	10,200	0.14
08/09/2021	16:47:52	78769.71	394759.82	40.45	Asphalt	11,520	1.70
08/09/2021	16:47:53	78769.64	394759.48	40.42	Asphalt	9,720	-0.43
08/09/2021	16:47:54	78769.75	394759.21	40.40	Asphalt	10,260	0.21
08/09/2021	16:47:55	78769.57	394758.94	40.53	Asphalt	9,180	-1.07
08/09/2021	16:47:56	78769.53	394758.72	40.39	Asphalt	10,920	0.99
08/09/2021	16:47:57	78769.53	394758.53	40.49	Asphalt	8,940	-1.36
08/09/2021	16:47:58	78769.39	394758.21	40.36	Asphalt	9,840	-0.29
08/09/2021	16:47:59	78769.49	394757.92	40.27	Asphalt	10,680	0.70
08/09/2021	16:48:00	78769.31	394757.58	40.33	Asphalt	9,960	-0.15
08/09/2021	16:48:01	78769.28	394757.24	40.24	Asphalt	11,580	1.77
08/09/2021	16:48:02	78769.29	394756.98	40.39	Asphalt	9,360	-0.86
08/09/2021	16:48:03	78769.18	394756.66	40.38	Asphalt	9,240	-1.00
08/09/2021	16:48:04	78769.34	394756.31	40.29	Asphalt	10,980	1.06
08/09/2021	16:48:05	78769.20	394755.97	40.48	Asphalt	10,680	0.70
08/09/2021	16:48:06	78769.20	394755.77	40.35	Asphalt	10,260	0.21
08/09/2021	16:48:07	78769.20	394755.53	40.49	Asphalt	9,120	-1.14
08/09/2021	16:48:08	78769.14	394755.16	40.46	Asphalt	9,960	-0.15
08/09/2021	16:48:09	78769.25	394754.89	40.50	Asphalt	8,880	-1.43
08/09/2021	16:48:10	78769.13	394754.53	40.52	Asphalt	10,500	0.49
08/09/2021	16:48:11	78769.19	394754.12	40.47	Asphalt	9,300	-0.93
08/09/2021	16:48:12	78769.13	394753.77	40.62	Asphalt	10,080	-0.01
08/09/2021	16:48:13	78769.10	394753.44	40.56	Asphalt	12,000	2.27
08/09/2021	16:48:14	78769.03	394753.23	40.54	Asphalt	10,200	0.14
08/09/2021	16:48:15	78768.62	394753.20	40.51	Asphalt	9,120	-1.14
08/09/2021	16:48:16	78768.45	394753.44	40.61	Asphalt	9,960	-0.15
08/09/2021	16:48:17	78768.24	394753.56	40.53	Asphalt	9,240	-1.00
08/09/2021	16:48:18	78768.31	394753.76	40.56	Asphalt	9,120	-1.14
08/09/2021	16:48:19	78768.43	394754.06	40.51	Asphalt	10,200	0.14
08/09/2021	16:48:20	78768.17	394754.31	40.48	Asphalt	10,140	0.07
08/09/2021	16:48:21	78768.33	394754.63	40.56	Asphalt	7,800	-2.70
08/09/2021	16:48:22	78768.37	394754.86	40.48	Asphalt	10,080	-0.01
08/09/2021	16:48:23	78768.34	394755.03	40.53	Asphalt	9,720	-0.43
08/09/2021	16:48:24	78768.52	394755.27	40.49	Asphalt	8,760	-1.57
08/09/2021	16:48:25	78768.32	394755.46	40.46	Asphalt	9,780	-0.36
08/09/2021	16:48:26	78768.44	394755.74	40.54	Asphalt	10,500	0.49
08/09/2021	16:48:27	78768.47	394755.95	40.39	Asphalt	9,300	-0.93
08/09/2021	16:48:28	78768.31	394756.16	40.42	Asphalt	9,840	-0.29
08/09/2021	16:48:29	78768.37	394756.49	40.45	Asphalt	10,500	0.49
08/09/2021	16:48:30	78768.22	394756.72	40.36	Asphalt	9,600	-0.57
08/09/2021	16:48:31	78768.33	394756.98	40.47	Asphalt	10,560	0.56
08/09/2021	16:48:32	78768.37	394757.30	40.36	Asphalt	11,160	1.27
08/09/2021	16:48:33	78768.26	394757.51	40.49	Asphalt	8,820	-1.50
08/09/2021	16:48:34	78768.36	394757.86	40.50	Asphalt	9,960	-0.15
08/09/2021	16:48:35	78768.20	394758.13	40.44	Asphalt	10,260	0.21
08/09/2021	16:48:36	78768.25	394758.42	40.53	Asphalt	9,720	-0.43
08/09/2021	16:48:37	78768.21	394758.66	40.47	Asphalt	10,260	0.21
08/09/2021	16:48:38	78768.28	394758.86	40.61	Asphalt	10,260	0.21
08/09/2021	16:48:39	78768.43	394759.25	40.49	Asphalt	8,280	-2.14

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(ASPHALT)

08/09/2021	16:48:40	78768.28	394759.59	40.62	Asphalt	9,060	-1.21
08/09/2021	16:48:41	78768.29	394759.99	40.55	Asphalt	9,240	-1.00
08/09/2021	16:48:42	78768.16	394760.31	40.64	Asphalt	9,900	-0.22
08/09/2021	16:48:43	78768.25	394760.66	40.65	Asphalt	10,980	1.06
08/09/2021	16:48:44	78768.21	394760.95	40.60	Asphalt	10,440	0.42
08/09/2021	16:48:45	78768.06	394761.18	40.55	Asphalt	10,260	0.21
08/09/2021	16:48:46	78768.18	394761.38	40.55	Asphalt	8,880	-1.43
08/09/2021	16:48:47	78768.07	394761.53	40.48	Asphalt	10,200	0.14
08/09/2021	16:48:48	78768.07	394761.85	40.62	Asphalt	10,500	0.49
08/09/2021	16:48:49	78768.04	394762.19	40.57	Asphalt	10,920	0.99
08/09/2021	16:48:50	78767.93	394762.54	40.59	Asphalt	11,460	1.63
08/09/2021	16:48:51	78767.93	394762.99	40.64	Asphalt	8,820	-1.50
08/09/2021	16:48:52	78767.74	394763.23	40.52	Asphalt	9,720	-0.43
08/09/2021	16:48:53	78767.66	394763.54	40.57	Asphalt	9,420	-0.79
08/09/2021	16:48:54	78767.76	394763.96	40.55	Asphalt	9,420	-0.79
08/09/2021	16:48:55	78767.75	394764.35	40.53	Asphalt	10,680	0.70
08/09/2021	16:48:56	78767.87	394764.69	40.58	Asphalt	9,060	-1.21
08/09/2021	16:48:57	78767.88	394764.99	40.53	Asphalt	9,540	-0.64
08/09/2021	16:48:58	78767.93	394765.30	40.58	Asphalt	9,780	-0.36
08/09/2021	16:48:59	78767.95	394765.73	40.57	Asphalt	9,300	-0.93
08/09/2021	16:49:00	78767.69	394766.14	40.49	Asphalt	9,180	-1.07
08/09/2021	16:49:01	78767.71	394766.40	40.55	Asphalt	10,020	-0.08
08/09/2021	16:49:02	78767.61	394766.50	40.44	Asphalt	8,820	-1.50
08/09/2021	16:49:03	78767.62	394766.67	40.45	Asphalt	9,660	-0.50
08/09/2021	16:49:04	78767.73	394766.91	40.37	Asphalt	10,200	0.14
08/09/2021	16:49:05	78767.75	394767.14	40.43	Asphalt	9,660	-0.50
08/09/2021	16:49:06	78768.04	394767.41	40.41	Asphalt	10,560	0.56
08/09/2021	16:49:07	78768.19	394767.57	40.39	Asphalt	9,540	-0.64
08/09/2021	16:49:08	78768.40	394767.55	40.57	Asphalt	9,780	-0.36
08/09/2021	16:49:09	78768.58	394767.70	40.39	Asphalt	10,020	-0.08
08/09/2021	16:49:10	78768.64	394768.06	40.45	Asphalt	8,400	-1.99
08/09/2021	16:49:11	78768.64	394768.18	40.44	Asphalt	10,320	0.28
08/09/2021	16:49:12	78768.60	394768.35	40.59	Asphalt	10,020	-0.08
08/09/2021	16:49:13	78768.97	394768.54	40.53	Asphalt	9,780	-0.36
08/09/2021	16:49:14	78769.28	394768.65	40.63	Asphalt	10,200	0.14
08/09/2021	16:49:15	78769.68	394768.59	40.61	Asphalt	9,420	-0.79
08/09/2021	16:49:16	78770.02	394768.52	40.68	Asphalt	10,560	0.56
08/09/2021	16:49:17	78770.09	394768.17	40.80	Asphalt	9,780	-0.36
08/09/2021	16:49:18	78770.00	394767.84	40.71	Asphalt	10,020	-0.08
08/09/2021	16:49:19	78769.89	394767.87	40.82	Asphalt	10,080	-0.01
08/09/2021	16:49:20	78769.60	394767.84	40.75	Asphalt	9,960	-0.15
08/09/2021	16:49:21	78769.46	394767.68	40.80	Asphalt	9,300	-0.93
08/09/2021	16:49:22	78769.16	394767.69	40.80	Asphalt	9,780	-0.36
08/09/2021	16:49:23	78768.92	394767.58	40.77	Asphalt	9,960	-0.15
08/09/2021	16:49:24	78768.63	394767.50	40.87	Asphalt	10,920	0.99
08/09/2021	16:49:25	78768.31	394767.38	40.76	Asphalt	8,700	-1.64
08/09/2021	16:49:26	78768.08	394767.22	40.88	Asphalt	9,240	-1.00
08/09/2021	16:49:27	78768.01	394767.05	40.79	Asphalt	9,780	-0.36
08/09/2021	16:49:28	78768.24	394766.87	40.90	Asphalt	9,660	-0.50
08/09/2021	16:49:29	78768.17	394767.04	40.75	Asphalt	9,420	-0.79
08/09/2021	16:49:30	78768.30	394767.07	40.91	Asphalt	8,640	-1.71

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08/09/2021	16:49:31	78768.51	394766.99	40.76	Asphalt	9,180	-1.07
08/09/2021	16:49:32	78768.67	394767.02	40.81	Asphalt	9,240	-1.00
08/09/2021	16:49:33	78768.89	394766.93	40.81	Asphalt	10,800	0.85
08/09/2021	16:49:34	78769.04	394767.06	40.81	Asphalt	8,940	-1.36
08/09/2021	16:49:35	78769.32	394767.03	40.94	Asphalt	9,240	-1.00
08/09/2021	16:49:36	78769.50	394767.11	40.79	Asphalt	8,940	-1.36
08/09/2021	16:49:37	78769.65	394767.19	40.93	Asphalt	9,720	-0.43
08/09/2021	16:49:38	78769.91	394767.08	40.83	Asphalt	10,080	-0.01
08/09/2021	16:49:39	78770.15	394767.21	40.91	Asphalt	8,940	-1.36
08/09/2021	16:49:40	78770.43	394767.15	40.89	Asphalt	9,780	-0.36
08/09/2021	16:49:41	78770.65	394767.18	40.93	Asphalt	10,980	1.06
08/09/2021	16:49:42	78770.74	394766.79	41.06	Asphalt	9,960	-0.15
08/09/2021	16:49:43	78770.75	394766.39	40.95	Asphalt	10,440	0.42
08/09/2021	16:49:44	78770.61	394766.47	41.03	Asphalt	9,960	-0.15
08/09/2021	16:49:45	78770.28	394766.47	40.96	Asphalt	9,960	-0.15
08/09/2021	16:49:46	78770.23	394766.37	40.95	Asphalt	10,200	0.14
08/09/2021	16:49:47	78770.01	394766.52	41.06	Asphalt	8,340	-2.07
08/09/2021	16:49:48	78769.86	394766.42	40.95	Asphalt	8,880	-1.43
08/09/2021	16:49:49	78769.73	394766.42	41.03	Asphalt	9,300	-0.93
08/09/2021	16:49:50	78769.60	394766.61	41.02	Asphalt	9,180	-1.07
08/09/2021	16:49:51	78769.51	394766.38	40.96	Asphalt	7,980	-2.49
08/09/2021	16:49:52	78769.34	394766.55	41.06	Asphalt	9,480	-0.72
08/09/2021	16:49:53	78769.20	394766.59	40.94	Asphalt	10,320	0.28
08/09/2021	16:49:54	78769.12	394766.45	40.97	Asphalt	10,320	0.28
08/09/2021	16:49:55	78768.98	394766.69	41.03	Asphalt	9,360	-0.86
08/09/2021	16:49:56	78768.87	394766.61	40.92	Asphalt	9,720	-0.43
08/09/2021	16:49:57	78768.71	394766.67	41.06	Asphalt	10,320	0.28
08/09/2021	16:49:58	78768.52	394766.80	40.99	Asphalt	9,180	-1.07
08/09/2021	16:49:59	78768.35	394766.66	40.98	Asphalt	11,040	1.13
08/09/2021	16:50:00	78768.18	394766.85	41.04	Asphalt	9,960	-0.15
08/09/2021	16:50:01	78768.04	394766.69	40.97	Asphalt	9,660	-0.50
08/09/2021	16:50:02	78767.86	394766.64	41.06	Asphalt	8,880	-1.43
08/09/2021	16:50:03	78767.82	394766.58	41.02	Asphalt	9,300	-0.93
08/09/2021	16:50:04	78768.18	394766.43	41.10	Asphalt	10,020	-0.08
08/09/2021	16:50:05	78768.31	394766.65	40.99	Asphalt	9,540	-0.64
08/09/2021	16:50:06	78768.43	394766.58	41.13	Asphalt	9,300	-0.93
08/09/2021	16:50:07	78768.59	394766.45	40.98	Asphalt	8,820	-1.50
08/09/2021	16:50:08	78768.76	394766.62	40.95	Asphalt	9,300	-0.93
08/09/2021	16:50:09	78768.98	394766.46	40.98	Asphalt	9,180	-1.07
08/09/2021	16:50:10	78769.08	394766.55	40.85	Asphalt	8,880	-1.43
08/09/2021	16:50:11	78769.24	394766.56	40.92	Asphalt	8,400	-1.99
08/09/2021	16:50:12	78769.43	394766.44	40.80	Asphalt	9,000	-1.28
08/09/2021	16:50:13	78769.57	394766.60	40.79	Asphalt	9,540	-0.64
08/09/2021	16:50:14	78769.77	394766.45	40.84	Asphalt	10,500	0.49
08/09/2021	16:50:15	78769.93	394766.54	40.78	Asphalt	9,840	-0.29
08/09/2021	16:50:16	78770.14	394766.47	40.87	Asphalt	9,720	-0.43
08/09/2021	16:50:17	78770.22	394766.18	40.85	Asphalt	9,480	-0.72
08/09/2021	16:50:18	78770.01	394766.20	40.83	Asphalt	8,400	-1.99
08/09/2021	16:50:19	78769.79	394766.16	40.89	Asphalt	9,240	-1.00
08/09/2021	16:50:20	78769.76	394765.87	40.81	Asphalt	8,280	-2.14
08/09/2021	16:50:21	78769.63	394765.97	40.97	Asphalt	8,160	-2.28

SU 7D GWS RESULTS
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08/09/2021	16:50:22	78769.45	394766.06	40.91	Asphalt	9,900	-0.22
08/09/2021	16:50:23	78769.29	394765.91	40.91	Asphalt	9,000	-1.28
08/09/2021	16:50:24	78769.06	394766.09	40.98	Asphalt	8,940	-1.36
08/09/2021	16:50:25	78768.95	394765.93	40.92	Asphalt	9,060	-1.21
08/09/2021	16:50:26	78768.74	394765.98	41.04	Asphalt	10,200	0.14
08/09/2021	16:50:27	78768.49	394766.05	40.97	Asphalt	9,780	-0.36
08/09/2021	16:50:28	78768.31	394766.01	40.99	Asphalt	9,960	-0.15
08/09/2021	16:50:29	78768.10	394766.26	41.04	Asphalt	10,020	-0.08
08/09/2021	16:50:30	78767.94	394766.10	40.96	Asphalt	9,060	-1.21
08/09/2021	16:50:31	78767.68	394766.16	41.04	Asphalt	9,000	-1.28
08/09/2021	16:50:32	78767.52	394766.16	40.97	Asphalt	9,840	-0.29
08/09/2021	16:50:33	78767.64	394765.95	41.07	Asphalt	9,120	-1.14
08/09/2021	16:50:34	78767.84	394766.13	40.98	Asphalt	9,600	-0.57
08/09/2021	16:50:35	78767.97	394766.10	41.06	Asphalt	7,680	-2.85
08/09/2021	16:50:36	78768.12	394765.81	41.03	Asphalt	10,260	0.21
08/09/2021	16:50:37	78768.20	394765.92	40.94	Asphalt	8,940	-1.36
08/09/2021	16:50:38	78768.41	394765.79	41.12	Asphalt	9,720	-0.43
08/09/2021	16:50:39	78768.56	394765.77	41.01	Asphalt	8,880	-1.43
08/09/2021	16:50:40	78768.68	394765.88	41.00	Asphalt	9,840	-0.29
08/09/2021	16:50:41	78768.98	394765.75	41.03	Asphalt	9,960	-0.15
08/09/2021	16:50:42	78769.10	394765.94	40.97	Asphalt	9,000	-1.28
08/09/2021	16:50:43	78769.35	394765.91	41.11	Asphalt	8,400	-1.99
08/09/2021	16:50:44	78769.61	394765.91	40.96	Asphalt	9,060	-1.21
08/09/2021	16:50:45	78769.79	394766.00	41.09	Asphalt	9,900	-0.22
08/09/2021	16:50:46	78770.18	394765.86	41.01	Asphalt	9,960	-0.15
08/09/2021	16:50:47	78770.49	394766.04	41.18	Asphalt	10,500	0.49
08/09/2021	16:50:48	78770.78	394765.94	41.11	Asphalt	9,240	-1.00
08/09/2021	16:50:49	78770.86	394765.71	41.10	Asphalt	9,060	-1.21
08/09/2021	16:50:50	78770.61	394765.57	41.07	Asphalt	8,040	-2.42
08/09/2021	16:50:51	78770.31	394765.62	41.21	Asphalt	9,960	-0.15
08/09/2021	16:50:52	78770.30	394765.38	41.12	Asphalt	9,180	-1.07
08/09/2021	16:50:53	78770.12	394765.28	41.24	Asphalt	8,940	-1.36
08/09/2021	16:50:54	78769.86	394765.38	41.18	Asphalt	10,020	-0.08
08/09/2021	16:50:55	78769.66	394765.19	41.23	Asphalt	9,000	-1.28
08/09/2021	16:50:56	78769.30	394765.22	41.18	Asphalt	9,360	-0.86
08/09/2021	16:50:57	78769.15	394765.05	41.17	Asphalt	9,480	-0.72
08/09/2021	16:50:58	78768.87	394765.16	41.23	Asphalt	9,780	-0.36
08/09/2021	16:50:59	78768.59	394765.07	41.11	Asphalt	10,260	0.21
08/09/2021	16:51:00	78768.45	394765.07	41.25	Asphalt	9,360	-0.86
08/09/2021	16:51:01	78768.19	394765.17	41.10	Asphalt	9,780	-0.36
08/09/2021	16:51:02	78768.06	394764.97	41.11	Asphalt	9,000	-1.28
08/09/2021	16:51:03	78767.73	394765.08	41.18	Asphalt	8,160	-2.28
08/09/2021	16:51:04	78767.48	394765.01	41.14	Asphalt	10,200	0.14
08/09/2021	16:51:05	78767.28	394765.06	41.24	Asphalt	9,540	-0.64
08/09/2021	16:51:06	78767.30	394765.36	41.15	Asphalt	9,900	-0.22
08/09/2021	16:51:07	78767.60	394765.56	41.21	Asphalt	10,620	0.63
08/09/2021	16:51:08	78767.79	394765.72	41.25	Asphalt	8,220	-2.21
08/09/2021	16:51:09	78767.97	394765.73	41.22	Asphalt	7,680	-2.85
08/09/2021	16:51:10	78768.09	394765.75	41.24	Asphalt	9,180	-1.07
08/09/2021	16:51:11	78768.28	394765.74	41.24	Asphalt	9,120	-1.14
08/09/2021	16:51:12	78768.43	394765.72	41.22	Asphalt	9,600	-0.57

SU 7D GWS RESULTS
(ASPHALT)

08/09/2021	16:51:13	78768.65	394765.67	41.17	Asphalt	9,480	-0.72
08/09/2021	16:51:14	78768.91	394765.64	41.34	Asphalt	9,840	-0.29
08/09/2021	16:51:15	78769.10	394765.72	41.15	Asphalt	8,520	-1.85
08/09/2021	16:51:16	78769.25	394765.69	41.39	Asphalt	8,220	-2.21
08/09/2021	16:51:17	78769.52	394765.64	41.23	Asphalt	8,940	-1.36
08/09/2021	16:51:18	78769.68	394765.65	41.33	Asphalt	10,080	-0.01
08/09/2021	16:51:19	78769.98	394765.53	41.21	Asphalt	10,440	0.42
08/09/2021	16:51:20	78770.27	394765.58	41.33	Asphalt	10,080	-0.01
08/09/2021	16:51:21	78770.50	394765.42	41.28	Asphalt	9,660	-0.50
08/09/2021	16:51:22	78770.39	394765.17	41.39	Asphalt	9,780	-0.36
08/09/2021	16:51:23	78770.27	394764.94	41.30	Asphalt	9,240	-1.00
08/09/2021	16:51:24	78770.31	394764.81	41.38	Asphalt	7,980	-2.49
08/09/2021	16:51:25	78770.10	394764.92	41.40	Asphalt	8,760	-1.57
08/09/2021	16:51:26	78770.04	394764.69	41.35	Asphalt	8,340	-2.07
08/09/2021	16:51:27	78769.90	394764.76	41.52	Asphalt	9,840	-0.29
08/09/2021	16:51:28	78769.78	394764.80	41.38	Asphalt	9,420	-0.79
08/09/2021	16:51:29	78769.74	394764.67	41.46	Asphalt	10,020	-0.08
08/09/2021	16:51:30	78769.43	394764.92	41.55	Asphalt	9,540	-0.64
08/09/2021	16:51:31	78769.33	394764.77	41.48	Asphalt	8,820	-1.50
08/09/2021	16:51:32	78769.14	394764.79	41.52	Asphalt	7,920	-2.56
08/09/2021	16:51:33	78768.93	394764.92	41.47	Asphalt	9,060	-1.21
08/09/2021	16:51:34	78768.78	394764.77	41.54	Asphalt	8,820	-1.50
08/09/2021	16:51:35	78768.55	394764.86	41.55	Asphalt	8,220	-2.21
08/09/2021	16:51:36	78768.37	394764.77	41.50	Asphalt	11,280	1.41
08/09/2021	16:51:37	78768.19	394764.90	41.57	Asphalt	9,060	-1.21
08/09/2021	16:51:38	78768.07	394765.17	41.47	Asphalt	9,420	-0.79
08/09/2021	16:51:39	78768.04	394765.34	41.38	Asphalt	10,260	0.21
08/09/2021	16:51:40	78768.16	394765.75	41.35	Asphalt	9,240	-1.00
08/09/2021	16:52:37	78768.35	394767.14	41.54	Asphalt	9,420	-0.79
08/09/2021	16:52:38	78768.37	394766.75	41.68	Asphalt	10,080	-0.01
08/09/2021	16:52:39	78768.56	394766.41	41.61	Asphalt	9,240	-1.00
08/09/2021	16:52:40	78768.97	394766.17	41.72	Asphalt	8,760	-1.57
08/09/2021	16:52:41	78768.95	394765.67	41.70	Asphalt	8,340	-2.07
08/09/2021	16:52:42	78769.18	394765.41	41.65	Asphalt	9,600	-0.57
08/09/2021	16:52:43	78769.19	394765.01	41.69	Asphalt	8,580	-1.78
08/09/2021	16:52:44	78769.28	394764.75	41.60	Asphalt	8,640	-1.71
08/09/2021	16:52:45	78769.28	394764.41	41.73	Asphalt	9,300	-0.93
08/09/2021	16:52:46	78769.40	394764.14	41.61	Asphalt	8,880	-1.43
08/09/2021	16:52:47	78769.60	394763.80	41.76	Asphalt	8,580	-1.78
08/09/2021	16:52:48	78769.56	394763.47	41.65	Asphalt	9,660	-0.50
08/09/2021	16:52:49	78769.69	394763.24	41.70	Asphalt	10,020	-0.08
08/09/2021	16:52:50	78769.49	394762.85	41.62	Asphalt	10,080	-0.01
08/09/2021	16:52:51	78769.67	394762.64	41.61	Asphalt	9,960	-0.15
08/09/2021	16:52:52	78769.55	394762.28	41.68	Asphalt	9,960	-0.15
08/09/2021	16:52:53	78769.61	394761.99	41.61	Asphalt	10,320	0.28
08/09/2021	16:52:54	78769.57	394761.65	41.72	Asphalt	10,200	0.14
08/09/2021	16:52:55	78769.59	394761.38	41.58	Asphalt	9,720	-0.43
08/09/2021	16:52:56	78769.62	394761.01	41.76	Asphalt	10,020	-0.08
08/09/2021	16:52:57	78769.47	394760.62	41.56	Asphalt	10,020	-0.08
08/09/2021	16:52:58	78769.54	394760.34	41.70	Asphalt	10,200	0.14
08/09/2021	16:52:59	78769.40	394760.02	41.53	Asphalt	10,320	0.28

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(ASPHALT)

08/09/2021	16:53:00	78769.54	394759.76	41.61	Asphalt	10,020	-0.08
08/09/2021	16:53:01	78769.46	394759.37	41.52	Asphalt	10,560	0.56
08/09/2021	16:53:02	78769.63	394759.06	41.66	Asphalt	11,700	1.91
08/09/2021	16:53:03	78769.64	394758.68	41.56	Asphalt	9,720	-0.43
08/09/2021	16:53:04	78769.78	394758.31	41.56	Asphalt	9,120	-1.14
08/09/2021	16:53:05	78769.69	394757.90	41.56	Asphalt	9,240	-1.00
08/09/2021	16:53:06	78769.66	394757.48	41.56	Asphalt	10,140	0.07
08/09/2021	16:53:07	78769.55	394757.06	41.57	Asphalt	10,080	-0.01
08/09/2021	16:53:08	78769.55	394756.65	41.47	Asphalt	10,560	0.56
08/09/2021	16:53:09	78769.52	394756.26	41.59	Asphalt	9,420	-0.79
08/09/2021	16:53:10	78769.51	394755.93	41.46	Asphalt	9,720	-0.43
08/09/2021	16:53:11	78769.50	394755.56	41.55	Asphalt	9,960	-0.15
08/09/2021	16:53:12	78769.44	394755.19	41.39	Asphalt	9,660	-0.50
08/09/2021	16:53:13	78769.33	394754.68	41.54	Asphalt	9,420	-0.79
08/09/2021	16:53:14	78769.34	394754.36	41.37	Asphalt	10,680	0.70
08/09/2021	16:53:15	78769.42	394753.96	41.47	Asphalt	9,360	-0.86
08/09/2021	16:53:16	78769.25	394753.54	41.52	Asphalt	10,440	0.42
08/09/2021	16:53:17	78769.03	394753.26	41.36	Asphalt	8,940	-1.36
08/09/2021	16:53:18	78768.66	394753.42	41.52	Asphalt	10,080	-0.01
08/09/2021	16:53:19	78768.68	394753.89	41.39	Asphalt	9,900	-0.22
08/09/2021	16:53:20	78768.57	394754.09	41.45	Asphalt	10,320	0.28
08/09/2021	16:53:21	78768.64	394754.31	41.42	Asphalt	8,880	-1.43
08/09/2021	16:53:22	78768.47	394754.54	41.45	Asphalt	9,600	-0.57
08/09/2021	16:53:23	78768.64	394754.84	41.47	Asphalt	11,940	2.20
08/09/2021	16:53:24	78768.49	394755.07	41.38	Asphalt	10,800	0.85
08/09/2021	16:53:25	78768.57	394755.34	41.46	Asphalt	11,580	1.77
08/09/2021	16:53:26	78768.65	394755.64	41.36	Asphalt	10,200	0.14
08/09/2021	16:53:27	78768.63	394756.08	41.45	Asphalt	9,480	-0.72
08/09/2021	16:53:28	78768.63	394756.37	41.30	Asphalt	10,980	1.06
08/09/2021	16:53:29	78768.58	394756.68	41.44	Asphalt	10,860	0.92
08/09/2021	16:53:30	78768.62	394756.94	41.28	Asphalt	9,480	-0.72
08/09/2021	16:53:31	78768.47	394757.25	41.49	Asphalt	9,720	-0.43
08/09/2021	16:53:32	78768.49	394757.46	41.29	Asphalt	9,660	-0.50
08/09/2021	16:53:33	78768.31	394757.61	41.53	Asphalt	8,280	-2.14
08/09/2021	16:53:34	78768.41	394757.92	41.34	Asphalt	7,020	-3.63
08/09/2021	16:53:35	78768.34	394758.21	41.50	Asphalt	7,680	-2.85
08/09/2021	16:53:36	78768.38	394758.49	41.36	Asphalt	9,660	-0.50
08/09/2021	16:53:37	78768.27	394758.77	41.49	Asphalt	9,000	-1.28
08/09/2021	16:53:38	78768.43	394759.08	41.38	Asphalt	9,000	-1.28
08/09/2021	16:53:39	78768.35	394759.33	41.47	Asphalt	10,140	0.07
08/09/2021	16:53:40	78768.56	394759.72	41.43	Asphalt	11,100	1.20
08/09/2021	16:53:41	78768.59	394760.07	41.49	Asphalt	9,660	-0.50
08/09/2021	16:53:42	78768.65	394760.36	41.41	Asphalt	10,440	0.42
08/09/2021	16:53:43	78768.60	394760.65	41.45	Asphalt	9,060	-1.21
08/09/2021	16:53:44	78768.70	394760.96	41.46	Asphalt	10,020	-0.08
08/09/2021	16:53:45	78768.61	394761.25	41.43	Asphalt	9,480	-0.72
08/09/2021	16:53:46	78768.60	394761.56	41.50	Asphalt	11,220	1.34
08/09/2021	16:53:47	78768.52	394761.83	41.40	Asphalt	9,960	-0.15
08/09/2021	16:53:48	78768.40	394762.17	41.50	Asphalt	9,960	-0.15
08/09/2021	16:53:49	78768.36	394762.50	41.39	Asphalt	9,000	-1.28
08/09/2021	16:53:50	78768.32	394762.83	41.52	Asphalt	9,360	-0.86

SU 7D GWS RESULTS
(ASPHALT)

08/09/2021	16:53:51	78768.29	394763.04	41.40	Asphalt	10,560	0.56
08/09/2021	16:53:52	78768.23	394763.32	41.57	Asphalt	9,480	-0.72
08/09/2021	16:53:53	78768.28	394763.58	41.35	Asphalt	9,900	-0.22
08/09/2021	16:53:54	78768.20	394763.87	41.56	Asphalt	9,540	-0.64
08/09/2021	16:53:55	78768.33	394764.22	41.29	Asphalt	9,780	-0.36
08/09/2021	16:53:56	78768.35	394764.53	41.50	Asphalt	9,300	-0.93
08/09/2021	16:53:57	78768.46	394764.82	41.37	Asphalt	9,480	-0.72
08/09/2021	16:53:58	78768.39	394765.15	41.51	Asphalt	9,120	-1.14
08/09/2021	16:53:59	78768.59	394765.55	41.42	Asphalt	8,460	-1.92
08/09/2021	16:54:00	78768.41	394765.86	41.43	Asphalt	9,480	-0.72
08/09/2021	16:54:01	78768.55	394766.29	41.57	Asphalt	10,020	-0.08
08/09/2021	16:54:02	78768.28	394766.67	41.46	Asphalt	9,660	-0.50
08/09/2021	16:54:03	78768.20	394766.99	41.46	Asphalt	10,920	0.99
08/09/2021	16:54:04	78768.47	394767.16	41.47	Asphalt	9,300	-0.93
08/09/2021	16:54:05	78768.66	394767.25	41.38	Asphalt	10,140	0.07
08/09/2021	16:54:06	78768.57	394767.23	41.50	Asphalt	9,540	-0.64
08/09/2021	16:54:07	78768.75	394767.04	41.34	Asphalt	8,340	-2.07
08/09/2021	16:54:08	78769.06	394766.84	41.45	Asphalt	9,180	-1.07
08/09/2021	16:54:09	78768.94	394766.53	41.27	Asphalt	10,320	0.28
08/09/2021	16:54:10	78769.11	394766.36	41.41	Asphalt	10,440	0.42
08/09/2021	16:54:11	78768.96	394766.03	41.24	Asphalt	10,500	0.49
08/09/2021	16:54:12	78769.09	394765.81	41.29	Asphalt	9,960	-0.15
08/09/2021	16:54:13	78768.93	394765.42	41.21	Asphalt	10,020	-0.08
08/09/2021	16:54:14	78769.04	394765.14	41.16	Asphalt	10,020	-0.08
08/09/2021	16:54:15	78768.88	394764.79	41.23	Asphalt	9,960	-0.15
08/09/2021	16:54:16	78768.96	394764.59	41.10	Asphalt	10,380	0.35
08/09/2021	16:54:17	78768.93	394764.28	41.23	Asphalt	9,360	-0.86
08/09/2021	16:54:18	78768.83	394764.07	40.97	Asphalt	9,660	-0.50
08/09/2021	16:54:19	78769.02	394763.88	41.22	Asphalt	10,740	0.78
08/09/2021	16:54:20	78768.85	394763.62	41.02	Asphalt	10,740	0.78
08/09/2021	16:54:21	78769.04	394763.45	41.11	Asphalt	11,220	1.34
08/09/2021	16:54:22	78768.81	394763.24	41.04	Asphalt	10,800	0.85
08/09/2021	16:54:23	78769.00	394763.13	41.04	Asphalt	9,420	-0.79
08/09/2021	16:54:24	78768.86	394762.91	41.10	Asphalt	10,140	0.07
08/09/2021	16:54:25	78768.91	394762.77	40.96	Asphalt	10,800	0.85
08/09/2021	16:54:26	78768.94	394762.60	41.20	Asphalt	9,660	-0.50
08/09/2021	16:54:27	78768.93	394762.42	41.02	Asphalt	10,380	0.35
08/09/2021	16:54:28	78769.42	394762.34	40.92	Asphalt	10,440	0.42
08/09/2021	16:54:29	78769.13	394762.12	41.08	Asphalt	9,480	-0.72
08/09/2021	16:54:30	78769.09	394762.06	40.94	Asphalt	10,080	-0.01
08/09/2021	16:54:31	78769.65	394762.12	40.88	Asphalt	10,200	0.14
08/09/2021	16:54:32	78769.41	394761.83	40.92	Asphalt	9,960	-0.15
08/09/2021	16:54:33	78769.13	394761.67	40.90	Asphalt	9,900	-0.22
08/09/2021	16:54:34	78769.61	394761.82	40.73	Asphalt	8,820	-1.50
08/09/2021	16:54:35	78769.50	394761.60	40.91	Asphalt	9,900	-0.22
08/09/2021	16:54:36	78769.33	394761.34	40.74	Asphalt	11,160	1.27
08/09/2021	16:54:37	78769.64	394761.27	40.73	Asphalt	9,780	-0.36
08/09/2021	16:54:38	78769.27	394761.01	40.90	Asphalt	10,140	0.07
08/09/2021	16:54:39	78769.48	394760.90	40.68	Asphalt	10,800	0.85
08/09/2021	16:54:40	78769.72	394760.79	40.64	Asphalt	10,200	0.14
08/09/2021	16:54:41	78769.22	394760.48	40.76	Asphalt	10,680	0.70

SU 7D GWS RESULTS
(ASPHALT)

08/09/2021	16:54:42	78769.35	394760.34	40.58	Asphalt	10,440	0.42
08/09/2021	16:54:43	78769.32	394760.20	40.72	Asphalt	10,200	0.14
08/09/2021	16:54:44	78769.04	394759.99	40.51	Asphalt	9,600	-0.57
08/09/2021	16:54:45	78769.29	394759.90	40.50	Asphalt	10,560	0.56
08/09/2021	16:54:46	78768.99	394759.61	40.49	Asphalt	10,140	0.07
08/09/2021	16:54:47	78769.16	394759.52	40.34	Asphalt	11,340	1.49
08/09/2021	16:54:48	78769.10	394759.31	40.55	Asphalt	10,200	0.14
08/09/2021	16:54:49	78768.97	394759.11	40.39	Asphalt	9,840	-0.29
08/09/2021	16:54:50	78769.13	394759.05	40.49	Asphalt	10,980	1.06
08/09/2021	16:54:51	78768.96	394758.81	40.37	Asphalt	12,060	2.34
08/09/2021	16:54:52	78769.25	394758.69	40.39	Asphalt	9,060	-1.21
08/09/2021	16:54:53	78769.13	394758.41	40.37	Asphalt	10,620	0.63
08/09/2021	16:54:54	78769.26	394758.22	40.36	Asphalt	10,920	0.99
08/09/2021	16:54:55	78769.17	394757.95	40.45	Asphalt	9,240	-1.00
08/09/2021	16:54:56	78769.18	394757.64	40.34	Asphalt	9,360	-0.86
08/09/2021	16:54:57	78769.21	394757.32	40.49	Asphalt	9,480	-0.72
08/09/2021	16:54:58	78769.02	394757.04	40.29	Asphalt	9,540	-0.64
08/09/2021	16:54:59	78769.00	394756.83	40.55	Asphalt	9,120	-1.14
08/09/2021	16:55:00	78768.75	394756.53	40.32	Asphalt	8,880	-1.43
08/09/2021	16:55:01	78768.77	394756.26	40.63	Asphalt	10,740	0.78
08/09/2021	16:55:02	78768.60	394756.06	40.40	Asphalt	9,780	-0.36
08/09/2021	16:55:03	78768.83	394755.83	40.60	Asphalt	9,960	-0.15
08/09/2021	16:55:04	78768.60	394755.50	40.49	Asphalt	10,860	0.92
08/09/2021	16:55:05	78768.73	394755.15	40.63	Asphalt	10,500	0.49
08/09/2021	16:55:06	78768.58	394754.80	40.51	Asphalt	11,160	1.27
08/09/2021	16:55:07	78768.85	394754.53	40.61	Asphalt	10,260	0.21
08/09/2021	16:55:08	78768.82	394754.13	40.56	Asphalt	10,440	0.42
08/09/2021	16:55:09	78768.85	394753.69	40.64	Asphalt	8,940	-1.36
08/09/2021	16:55:10	78768.56	394753.42	40.69	Asphalt	9,480	-0.72
08/09/2021	16:55:11	78768.34	394753.61	40.57	Asphalt	9,540	-0.64
08/09/2021	16:55:12	78768.37	394753.95	40.73	Asphalt	10,800	0.85
08/09/2021	16:55:13	78768.16	394754.03	40.68	Asphalt	10,080	-0.01
08/09/2021	16:55:14	78767.81	394754.09	40.70	Asphalt	9,660	-0.50
08/09/2021	16:55:15	78768.09	394754.40	40.70	Asphalt	11,580	1.77
08/09/2021	16:55:16	78767.84	394754.49	40.69	Asphalt	9,600	-0.57
08/09/2021	16:55:17	78767.90	394754.80	40.82	Asphalt	11,460	1.63
08/09/2021	16:55:18	78767.82	394754.97	40.69	Asphalt	8,400	-1.99
08/09/2021	16:55:19	78767.70	394755.28	40.87	Asphalt	8,760	-1.57
08/09/2021	16:55:20	78767.71	394755.53	40.75	Asphalt	10,620	0.63
08/09/2021	16:55:21	78767.63	394755.89	40.94	Asphalt	8,760	-1.57
08/09/2021	16:55:22	78767.60	394756.11	40.71	Asphalt	11,460	1.63
08/09/2021	16:55:23	78767.45	394756.35	40.94	Asphalt	10,380	0.35
08/09/2021	16:55:24	78767.59	394756.73	40.75	Asphalt	11,220	1.34
08/09/2021	16:55:25	78767.34	394757.00	40.96	Asphalt	10,680	0.70
08/09/2021	16:55:26	78767.40	394757.34	40.83	Asphalt	10,200	0.14
08/09/2021	16:55:27	78767.20	394757.52	40.89	Asphalt	10,980	1.06
08/09/2021	16:55:28	78767.31	394757.87	40.92	Asphalt	8,940	-1.36
08/09/2021	16:55:29	78767.11	394758.13	40.87	Asphalt	9,000	-1.28
08/09/2021	16:55:30	78767.08	394758.46	40.98	Asphalt	9,060	-1.21
08/09/2021	16:55:31	78767.03	394758.76	40.86	Asphalt	9,600	-0.57
08/09/2021	16:55:32	78767.03	394759.02	41.11	Asphalt	8,580	-1.78

SU 7D GWS RESULTS
(ASPHALT)

08/09/2021	16:55:33	78767.08	394759.24	40.91	Asphalt	11,160	1.27
08/09/2021	16:55:34	78766.84	394759.41	41.06	Asphalt	10,080	-0.01
08/09/2021	16:55:35	78767.05	394759.73	41.02	Asphalt	8,580	-1.78
08/09/2021	16:55:36	78766.74	394759.95	41.04	Asphalt	10,920	0.99
08/09/2021	16:55:37	78766.83	394760.26	41.15	Asphalt	9,360	-0.86
08/09/2021	16:55:38	78766.72	394760.50	41.05	Asphalt	8,400	-1.99
08/09/2021	16:55:39	78766.70	394760.76	41.21	Asphalt	10,680	0.70
08/09/2021	16:55:40	78766.87	394761.15	41.06	Asphalt	10,320	0.28
08/09/2021	16:55:41	78766.65	394761.57	41.24	Asphalt	9,840	-0.29
08/09/2021	16:55:42	78766.67	394761.85	41.15	Asphalt	7,920	-2.56
08/09/2021	16:55:43	78766.35	394762.05	41.25	Asphalt	9,780	-0.36
08/09/2021	16:55:44	78766.37	394762.46	41.25	Asphalt	10,200	0.14
08/09/2021	16:55:45	78766.08	394762.70	41.29	Asphalt	10,440	0.42
08/09/2021	16:55:46	78766.17	394763.19	41.28	Asphalt	8,400	-1.99
08/09/2021	16:55:47	78765.97	394763.53	41.30	Asphalt	9,900	-0.22
08/09/2021	16:56:00	78766.40	394764.82	41.23	Asphalt	10,140	0.07
08/09/2021	16:56:01	78766.34	394764.50	41.22	Asphalt	10,800	0.85
08/09/2021	16:56:02	78766.59	394764.26	41.26	Asphalt	9,180	-1.07
08/09/2021	16:56:03	78766.62	394763.97	41.29	Asphalt	10,500	0.49
08/09/2021	16:56:04	78766.75	394763.71	41.25	Asphalt	11,460	1.63
08/09/2021	16:56:05	78766.78	394763.41	41.33	Asphalt	9,600	-0.57
08/09/2021	16:56:06	78766.78	394763.14	41.28	Asphalt	11,100	1.20
08/09/2021	16:56:07	78766.80	394762.83	41.40	Asphalt	8,580	-1.78
08/09/2021	16:56:08	78766.86	394762.61	41.26	Asphalt	10,560	0.56
08/09/2021	16:56:09	78766.98	394762.37	41.48	Asphalt	11,280	1.41
08/09/2021	16:56:10	78766.88	394762.14	41.28	Asphalt	10,200	0.14
08/09/2021	16:56:11	78767.17	394762.01	41.42	Asphalt	9,360	-0.86
08/09/2021	16:56:12	78767.05	394761.73	41.35	Asphalt	9,660	-0.50
08/09/2021	16:56:13	78767.33	394761.72	41.28	Asphalt	10,800	0.85
08/09/2021	16:56:14	78767.18	394761.43	41.37	Asphalt	9,600	-0.57
08/09/2021	16:56:15	78767.29	394761.29	41.24	Asphalt	10,020	-0.08
08/09/2021	16:56:16	78767.46	394761.16	41.35	Asphalt	9,720	-0.43
08/09/2021	16:56:17	78767.30	394760.77	41.31	Asphalt	10,380	0.35
08/09/2021	16:56:18	78767.60	394760.77	41.31	Asphalt	10,680	0.70
08/09/2021	16:56:19	78767.49	394760.46	41.33	Asphalt	10,200	0.14
08/09/2021	16:56:20	78767.60	394760.18	41.25	Asphalt	8,700	-1.64
08/09/2021	16:56:21	78767.49	394759.88	41.36	Asphalt	10,440	0.42
08/09/2021	16:56:22	78767.42	394759.64	41.21	Asphalt	10,380	0.35
08/09/2021	16:56:23	78767.52	394759.32	41.38	Asphalt	9,840	-0.29
08/09/2021	16:56:24	78767.48	394759.07	41.24	Asphalt	10,080	-0.01
08/09/2021	16:56:25	78767.68	394758.74	41.38	Asphalt	10,080	-0.01
08/09/2021	16:56:26	78767.55	394758.50	41.24	Asphalt	9,480	-0.72
08/09/2021	16:56:27	78767.83	394758.34	41.32	Asphalt	10,560	0.56
08/09/2021	16:56:28	78767.69	394758.06	41.26	Asphalt	9,600	-0.57
08/09/2021	16:56:29	78767.96	394757.92	41.29	Asphalt	10,920	0.99
08/09/2021	16:56:30	78767.83	394757.65	41.34	Asphalt	10,200	0.14
08/09/2021	16:56:31	78768.03	394757.37	41.27	Asphalt	9,240	-1.00
08/09/2021	16:56:32	78768.10	394757.14	41.38	Asphalt	11,040	1.13
08/09/2021	16:56:33	78768.15	394756.84	41.25	Asphalt	9,540	-0.64
08/09/2021	16:56:34	78768.34	394756.58	41.44	Asphalt	10,140	0.07
08/09/2021	16:56:35	78768.26	394756.24	41.37	Asphalt	9,120	-1.14

SU 7D GWS RESULTS
(ASPHALT)

08/09/2021	16:56:36	78768.48	394755.92	41.49	Asphalt	10,800	0.85
08/09/2021	16:56:37	78768.28	394755.60	41.39	Asphalt	10,260	0.21
08/09/2021	16:56:38	78768.52	394755.34	41.47	Asphalt	12,120	2.41
08/09/2021	16:56:39	78768.36	394755.02	41.44	Asphalt	8,880	-1.43
08/09/2021	16:56:40	78768.63	394754.64	41.49	Asphalt	9,180	-1.07
08/09/2021	16:56:41	78768.75	394754.37	41.53	Asphalt	10,560	0.56
08/09/2021	16:56:42	78768.92	394754.25	41.60	Asphalt	8,580	-1.78
08/09/2021	16:56:43	78769.12	394754.67	41.60	Asphalt	8,820	-1.50
08/09/2021	16:56:44	78768.64	394754.93	41.54	Asphalt	8,940	-1.36
08/09/2021	16:56:45	78768.77	394755.20	41.68	Asphalt	9,900	-0.22
08/09/2021	16:56:46	78768.87	394755.41	41.51	Asphalt	9,840	-0.29
08/09/2021	16:56:47	78768.65	394755.59	41.62	Asphalt	11,520	1.70
08/09/2021	16:56:48	78768.84	394755.91	41.49	Asphalt	8,940	-1.36
08/09/2021	16:56:49	78768.61	394756.04	41.62	Asphalt	9,600	-0.57
08/09/2021	16:56:50	78768.79	394756.37	41.55	Asphalt	8,700	-1.64
08/09/2021	16:56:51	78768.49	394756.68	41.56	Asphalt	10,740	0.78
08/09/2021	16:56:52	78768.51	394757.05	41.58	Asphalt	10,200	0.14
08/09/2021	16:56:53	78768.32	394757.21	41.56	Asphalt	10,560	0.56
08/09/2021	16:56:54	78768.34	394757.53	41.69	Asphalt	10,020	-0.08
08/09/2021	16:56:55	78768.20	394757.67	41.76	Asphalt	10,020	-0.08
08/09/2021	16:56:56	78768.10	394757.89	41.83	Asphalt	9,000	-1.28
08/09/2021	16:56:57	78768.77	394758.21	41.82	Asphalt	10,620	0.63
08/09/2021	16:56:58	78768.81	394758.23	41.76	Asphalt	9,600	-0.57
08/09/2021	16:56:59	78768.75	394758.22	41.77	Asphalt	9,420	-0.79
08/09/2021	16:57:00	78768.68	394758.20	41.82	Asphalt	10,860	0.92
08/09/2021	16:57:01	78768.77	394758.18	41.77	Asphalt	9,360	-0.86
08/09/2021	16:57:02	78768.70	394757.91	41.73	Asphalt	9,540	-0.64
08/09/2021	16:57:03	78768.91	394757.75	41.66	Asphalt	9,960	-0.15
08/09/2021	16:57:04	78768.78	394757.66	41.78	Asphalt	9,300	-0.93
08/09/2021	16:57:05	78768.97	394757.61	41.71	Asphalt	9,540	-0.64
08/09/2021	16:57:06	78769.07	394757.38	41.73	Asphalt	11,220	1.34
08/09/2021	16:57:07	78769.18	394757.34	41.66	Asphalt	10,140	0.07
08/09/2021	16:57:08	78768.90	394757.37	41.61	Asphalt	9,780	-0.36
08/09/2021	16:57:09	78768.85	394757.56	41.67	Asphalt	9,540	-0.64
08/09/2021	16:57:10	78768.45	394757.69	41.52	Asphalt	10,560	0.56
08/09/2021	16:57:11	78768.33	394757.88	41.76	Asphalt	10,800	0.85
08/09/2021	16:57:12	78768.43	394758.17	41.60	Asphalt	9,240	-1.00
08/09/2021	16:57:13	78768.29	394758.37	41.75	Asphalt	9,120	-1.14
08/09/2021	16:57:14	78768.43	394758.61	41.66	Asphalt	9,600	-0.57
08/09/2021	16:57:15	78768.18	394758.75	41.66	Asphalt	10,740	0.78
08/09/2021	16:57:16	78768.40	394759.09	41.61	Asphalt	9,480	-0.72
08/09/2021	16:57:17	78768.25	394759.37	41.56	Asphalt	10,080	-0.01
08/09/2021	16:57:18	78768.40	394759.63	41.69	Asphalt	10,080	-0.01
08/09/2021	16:57:19	78768.35	394759.82	41.56	Asphalt	10,740	0.78
08/09/2021	16:57:20	78768.33	394760.10	41.71	Asphalt	10,800	0.85
08/09/2021	16:57:21	78768.53	394760.25	41.64	Asphalt	10,380	0.35
08/09/2021	16:57:22	78768.22	394760.40	41.62	Asphalt	9,000	-1.28
08/09/2021	16:57:23	78768.50	394760.68	41.79	Asphalt	10,380	0.35
08/09/2021	16:57:24	78768.12	394760.61	41.67	Asphalt	9,420	-0.79
08/09/2021	16:57:25	78767.78	394760.54	41.70	Asphalt	10,380	0.35
08/09/2021	16:57:26	78768.30	394760.96	41.70	Asphalt	9,060	-1.21

SU 7D GWS RESULTS
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08/09/2021	16:57:27	78767.98	394760.71	41.64	Asphalt	9,120	-1.14
08/09/2021	16:57:28	78767.98	394760.61	41.73	Asphalt	11,280	1.41
08/09/2021	16:57:29	78768.39	394760.62	41.69	Asphalt	10,140	0.07
08/09/2021	16:57:30	78768.00	394760.25	41.59	Asphalt	9,300	-0.93
08/09/2021	16:57:31	78768.24	394760.29	41.73	Asphalt	9,120	-1.14
08/09/2021	16:57:32	78768.32	394760.17	41.65	Asphalt	10,440	0.42
08/09/2021	16:57:33	78768.16	394759.90	41.73	Asphalt	11,040	1.13
08/09/2021	16:57:34	78768.62	394759.95	41.68	Asphalt	10,620	0.63
08/09/2021	16:57:35	78768.36	394759.67	41.61	Asphalt	10,860	0.92
08/09/2021	16:57:36	78768.61	394759.65	41.74	Asphalt	10,560	0.56
08/09/2021	16:57:37	78768.75	394759.58	41.72	Asphalt	9,660	-0.50
08/09/2021	16:57:38	78768.53	394759.30	41.62	Asphalt	10,200	0.14
08/09/2021	16:57:39	78769.10	394759.38	41.69	Asphalt	11,160	1.27
08/09/2021	16:57:40	78768.73	394759.16	41.68	Asphalt	10,800	0.85
08/09/2021	16:57:41	78768.64	394758.94	41.62	Asphalt	10,860	0.92
08/09/2021	16:57:42	78769.32	394759.10	41.70	Asphalt	9,780	-0.36
08/09/2021	16:57:43	78769.04	394758.97	41.66	Asphalt	10,140	0.07
08/09/2021	16:57:44	78768.74	394758.59	41.66	Asphalt	9,540	-0.64
08/09/2021	16:57:45	78769.50	394758.81	41.57	Asphalt	10,560	0.56
08/09/2021	16:57:46	78769.56	394758.77	41.56	Asphalt	10,320	0.28
08/09/2021	16:57:47	78769.31	394758.75	41.50	Asphalt	11,820	2.05
08/09/2021	16:57:48	78768.70	394758.55	41.47	Asphalt	9,000	-1.28
08/09/2021	16:57:49	78768.60	394758.81	41.58	Asphalt	11,520	1.70
08/09/2021	16:57:50	78768.77	394759.26	41.46	Asphalt	11,040	1.13
08/09/2021	16:57:51	78768.51	394759.43	41.57	Asphalt	9,120	-1.14
08/09/2021	16:57:52	78768.70	394759.80	41.48	Asphalt	10,560	0.56
08/09/2021	16:57:53	78768.52	394760.04	41.53	Asphalt	10,800	0.85
08/09/2021	16:57:54	78768.74	394760.29	41.47	Asphalt	9,960	-0.15
08/09/2021	16:57:55	78768.32	394760.31	41.48	Asphalt	8,880	-1.43
08/09/2021	16:57:56	78768.44	394760.58	41.60	Asphalt	11,700	1.91
08/09/2021	16:57:57	78768.34	394760.75	41.46	Asphalt	8,280	-2.14
08/09/2021	16:57:58	78768.26	394761.06	41.68	Asphalt	10,140	0.07
08/09/2021	16:57:59	78768.29	394761.16	41.56	Asphalt	9,420	-0.79
08/09/2021	16:58:00	78767.99	394761.27	41.71	Asphalt	10,320	0.28
08/09/2021	16:58:01	78768.22	394761.71	41.56	Asphalt	10,020	-0.08
08/09/2021	16:58:02	78767.80	394761.68	41.66	Asphalt	12,300	2.62
08/09/2021	16:58:03	78767.98	394762.04	41.65	Asphalt	9,600	-0.57
08/09/2021	16:58:04	78767.70	394762.06	41.60	Asphalt	8,940	-1.36
08/09/2021	16:58:05	78767.63	394762.36	41.73	Asphalt	9,900	-0.22
08/09/2021	16:58:06	78767.61	394762.55	41.64	Asphalt	9,900	-0.22
08/09/2021	16:58:07	78767.39	394762.65	41.77	Asphalt	10,200	0.14
08/09/2021	16:58:08	78767.51	394762.96	41.70	Asphalt	9,420	-0.79
08/09/2021	16:58:09	78767.23	394762.89	41.74	Asphalt	10,020	-0.08
08/09/2021	16:58:10	78767.48	394763.27	41.71	Asphalt	10,200	0.14
08/09/2021	16:58:11	78767.14	394763.12	41.72	Asphalt	9,300	-0.93
08/09/2021	16:58:12	78767.21	394763.21	41.73	Asphalt	10,080	-0.01
08/09/2021	16:58:13	78767.18	394763.06	41.73	Asphalt	10,020	-0.08
08/09/2021	16:58:14	78767.40	394763.07	41.83	Asphalt	10,860	0.92
08/09/2021	16:58:15	78767.37	394762.93	41.71	Asphalt	9,660	-0.50
08/09/2021	16:58:16	78767.19	394762.83	41.86	Asphalt	10,320	0.28
08/09/2021	16:58:17	78767.29	394762.83	41.68	Asphalt	10,560	0.56

SU 7D GWS RESULTS
(ASPHALT)

08/09/2021	16:58:18	78767.29	394762.79	41.85	Asphalt	10,980	1.06
08/09/2021	16:58:19	78767.49	394762.70	41.74	Asphalt	9,720	-0.43
08/09/2021	16:58:20	78767.26	394762.47	41.83	Asphalt	10,740	0.78
08/09/2021	16:58:21	78767.62	394762.56	41.81	Asphalt	9,420	-0.79
08/09/2021	16:58:22	78767.33	394762.28	41.69	Asphalt	10,680	0.70
08/09/2021	16:58:23	78767.29	394762.38	41.82	Asphalt	10,380	0.35
08/09/2021	16:58:24	78767.36	394762.59	41.66	Asphalt	9,780	-0.36
08/09/2021	16:58:25	78767.19	394762.65	41.81	Asphalt	10,140	0.07
08/09/2021	16:58:26	78767.32	394762.95	41.64	Asphalt	8,520	-1.85
08/09/2021	16:58:27	78767.07	394762.99	41.78	Asphalt	8,760	-1.57
08/09/2021	16:58:28	78767.19	394763.34	41.64	Asphalt	9,480	-0.72
08/09/2021	16:58:29	78766.97	394763.44	41.75	Asphalt	9,900	-0.22
08/09/2021	16:58:30	78767.03	394763.85	41.67	Asphalt	10,320	0.28
08/09/2021	16:58:31	78766.83	394763.95	41.66	Asphalt	8,700	-1.64
08/09/2021	16:58:32	78767.01	394764.39	41.59	Asphalt	9,840	-0.29
08/09/2021	16:58:33	78766.75	394764.41	41.52	Asphalt	10,440	0.42
08/09/2021	16:58:34	78766.89	394764.68	41.69	Asphalt	9,780	-0.36
08/09/2021	16:58:35	78766.64	394764.54	41.51	Asphalt	9,900	-0.22
08/09/2021	16:58:36	78766.39	394764.61	41.49	Asphalt	9,120	-1.14
08/09/2021	16:58:37	78766.85	394765.09	41.44	Asphalt	9,300	-0.93
08/09/2021	16:58:38	78766.51	394765.00	41.31	Asphalt	9,420	-0.79
08/09/2021	16:58:39	78766.56	394765.26	41.42	Asphalt	10,920	0.99
08/09/2021	16:58:40	78766.69	394765.35	41.26	Asphalt	8,940	-1.36
08/09/2021	16:58:41	78766.59	394765.52	41.41	Asphalt	9,000	-1.28
08/09/2021	16:58:42	78766.75	394765.80	41.28	Asphalt	9,720	-0.43
08/09/2021	16:58:44	78766.65	394766.30	41.28	Asphalt	8,700	-1.64
08/09/2021	16:58:46	78766.88	394766.73	41.47	Asphalt	8,400	-1.99
08/09/2021	16:58:47	78767.16	394766.84	41.49	Asphalt	8,940	-1.36
08/09/2021	16:58:48	78766.87	394766.12	41.66	Asphalt	9,240	-1.00
08/09/2021	16:58:49	78767.44	394766.22	41.51	Asphalt	10,380	0.35
08/09/2021	16:58:50	78767.52	394766.37	41.66	Asphalt	9,900	-0.22
08/09/2021	16:58:51	78767.22	394766.01	41.54	Asphalt	10,080	-0.01
08/09/2021	16:58:52	78767.51	394765.92	41.58	Asphalt	10,560	0.56
08/09/2021	16:58:53	78767.26	394765.53	41.58	Asphalt	10,560	0.56
08/09/2021	16:58:54	78767.55	394765.31	41.53	Asphalt	10,740	0.78
08/09/2021	16:58:55	78767.63	394765.02	41.73	Asphalt	8,700	-1.64
08/09/2021	16:58:56	78767.59	394764.78	41.52	Asphalt	9,120	-1.14
08/09/2021	16:58:57	78767.86	394764.67	41.73	Asphalt	9,060	-1.21
08/09/2021	16:58:58	78767.71	394764.25	41.61	Asphalt	9,540	-0.64
08/09/2021	16:58:59	78768.02	394764.17	41.66	Asphalt	9,000	-1.28
08/09/2021	16:59:00	78767.76	394763.86	41.64	Asphalt	9,120	-1.14
08/09/2021	16:59:01	78767.93	394763.67	41.63	Asphalt	8,760	-1.57
08/09/2021	16:59:02	78767.92	394763.40	41.70	Asphalt	9,660	-0.50
08/09/2021	16:59:03	78767.94	394763.24	41.58	Asphalt	10,380	0.35
08/09/2021	16:59:04	78767.91	394762.99	41.65	Asphalt	10,500	0.49
08/09/2021	17:00:22	78765.96	394763.25	41.81	Asphalt	9,660	-0.50
08/09/2021	17:00:24	78766.04	394763.10	41.87	Asphalt	9,000	-1.28
08/09/2021	17:00:50	78765.35	394757.87	41.79	Asphalt	9,780	-0.36
08/09/2021	17:00:52	78765.38	394757.47	41.81	Asphalt	10,560	0.56
08/09/2021	17:00:54	78765.35	394756.87	41.78	Asphalt	11,160	1.27
08/09/2021	17:00:55	78765.22	394756.56	41.62	Asphalt	10,740	0.78

SU 7D GWS RESULTS
(ASPHALT)

08/09/2021	17:00:56	78765.37	394756.33	41.76	Asphalt	11,460	1.63
08/09/2021	17:00:57	78765.15	394756.04	41.67	Asphalt	10,560	0.56
08/09/2021	17:00:58	78765.33	394755.82	41.65	Asphalt	10,860	0.92
08/09/2021	17:00:59	78765.18	394755.61	41.67	Asphalt	10,740	0.78
08/09/2021	17:01:00	78765.16	394755.33	41.58	Asphalt	10,140	0.07
08/09/2021	17:01:01	78765.10	394755.06	41.66	Asphalt	9,720	-0.43
08/09/2021	17:01:02	78765.05	394754.87	41.61	Asphalt	10,320	0.28
08/09/2021	17:01:03	78765.15	394754.53	41.71	Asphalt	10,740	0.78
08/09/2021	17:01:04	78765.18	394754.15	41.67	Asphalt	10,620	0.63
08/09/2021	17:01:05	78765.70	394754.09	41.74	Asphalt	10,200	0.14
08/09/2021	17:01:06	78765.63	394754.17	41.55	Asphalt	9,600	-0.57
08/09/2021	17:01:07	78764.97	394754.63	41.57	Asphalt	10,080	-0.01
08/09/2021	17:01:08	78765.32	394754.82	41.59	Asphalt	10,440	0.42
08/09/2021	17:01:10	78765.09	394755.23	41.73	Asphalt	10,980	1.06
08/09/2021	17:01:11	78765.14	394755.40	41.56	Asphalt	10,680	0.70
08/09/2021	17:01:13	78765.22	394755.85	41.65	Asphalt	9,780	-0.36
08/09/2021	17:02:35	78766.21	394764.84	41.64	Asphalt	9,300	-0.93
08/09/2021	17:02:36	78766.34	394765.00	41.47	Asphalt	9,360	-0.86
08/09/2021	17:02:37	78766.30	394765.00	41.69	Asphalt	9,300	-0.93
08/09/2021	17:02:39	78766.28	394764.38	41.69	Asphalt	9,540	-0.64
08/09/2021	17:02:40	78766.00	394764.10	41.52	Asphalt	9,360	-0.86
08/09/2021	17:02:41	78766.26	394763.92	41.60	Asphalt	10,080	-0.01
08/09/2021	17:02:42	78766.03	394763.67	41.60	Asphalt	8,640	-1.71
08/09/2021	17:02:43	78766.28	394763.54	41.61	Asphalt	10,200	0.14
08/09/2021	17:02:44	78766.12	394763.26	41.62	Asphalt	9,780	-0.36
08/09/2021	17:02:45	78766.14	394763.06	41.62	Asphalt	9,180	-1.07
08/09/2021	17:02:46	78766.27	394762.87	41.67	Asphalt	10,020	-0.08
08/09/2021	17:02:47	78766.16	394762.74	41.53	Asphalt	10,320	0.28
08/09/2021	17:02:48	78766.36	394762.60	41.62	Asphalt	9,840	-0.29
08/09/2021	17:02:49	78766.00	394762.32	41.47	Asphalt	8,460	-1.92
08/09/2021	17:02:50	78766.25	394762.11	41.58	Asphalt	10,260	0.21
08/09/2021	17:02:51	78765.96	394761.88	41.50	Asphalt	9,840	-0.29
08/09/2021	17:02:52	78766.17	394761.67	41.53	Asphalt	10,680	0.70
08/09/2021	17:02:53	78766.02	394761.43	41.51	Asphalt	9,120	-1.14
08/09/2021	17:02:54	78766.17	394761.28	41.47	Asphalt	11,040	1.13
08/09/2021	17:02:55	78766.14	394761.01	41.48	Asphalt	8,760	-1.57
08/09/2021	17:02:56	78766.17	394760.86	41.38	Asphalt	11,640	1.84
08/09/2021	17:02:57	78766.25	394760.65	41.47	Asphalt	9,960	-0.15
08/09/2021	17:02:58	78766.14	394760.37	41.36	Asphalt	10,140	0.07
08/09/2021	17:02:59	78766.27	394760.21	41.51	Asphalt	9,300	-0.93
08/09/2021	17:03:00	78766.00	394759.81	41.29	Asphalt	11,040	1.13
08/09/2021	17:03:01	78766.22	394759.61	41.49	Asphalt	10,800	0.85
08/09/2021	17:03:02	78765.97	394759.39	41.29	Asphalt	9,480	-0.72
08/09/2021	17:03:03	78766.25	394759.20	41.46	Asphalt	9,060	-1.21
08/09/2021	17:03:04	78765.94	394758.90	41.24	Asphalt	10,200	0.14
08/09/2021	17:03:05	78766.15	394758.62	41.35	Asphalt	10,560	0.56
08/09/2021	17:03:06	78765.94	394758.32	41.27	Asphalt	9,900	-0.22
08/09/2021	17:03:07	78766.17	394758.00	41.26	Asphalt	11,100	1.20
08/09/2021	17:03:08	78766.01	394757.65	41.26	Asphalt	10,020	-0.08
08/09/2021	17:03:09	78766.10	394757.37	41.18	Asphalt	9,540	-0.64
08/09/2021	17:03:10	78766.02	394757.03	41.31	Asphalt	10,200	0.14

SU 7D GWS RESULTS
(ASPHALT)

08/09/2021	17:03:11	78766.05	394756.85	41.12	Asphalt	9,420	-0.79
08/09/2021	17:03:12	78766.33	394756.64	41.32	Asphalt	11,100	1.20
08/09/2021	17:03:13	78765.94	394756.31	41.10	Asphalt	10,980	1.06
08/09/2021	17:03:14	78766.28	394756.10	41.24	Asphalt	9,720	-0.43
08/09/2021	17:03:15	78765.98	394755.78	41.20	Asphalt	10,200	0.14
08/09/2021	17:03:16	78766.26	394755.41	41.22	Asphalt	9,780	-0.36
08/09/2021	17:03:17	78766.02	394754.90	41.11	Asphalt	10,260	0.21
08/09/2021	17:03:18	78766.38	394754.74	41.20	Asphalt	10,500	0.49
08/09/2021	17:03:19	78766.06	394754.32	41.11	Asphalt	11,700	1.91
08/09/2021	17:03:20	78765.78	394754.43	41.28	Asphalt	10,020	-0.08
08/09/2021	17:03:21	78765.86	394755.05	41.14	Asphalt	8,760	-1.57
08/09/2021	17:03:22	78765.28	394755.00	41.26	Asphalt	10,860	0.92
08/09/2021	17:03:23	78765.70	394755.38	41.17	Asphalt	10,440	0.42
08/09/2021	17:03:24	78765.43	394755.61	41.22	Asphalt	9,240	-1.00
08/09/2021	17:03:25	78765.66	394755.97	41.25	Asphalt	10,080	-0.01
08/09/2021	17:03:26	78765.37	394756.05	41.17	Asphalt	10,200	0.14
08/09/2021	17:03:27	78765.44	394756.31	41.30	Asphalt	10,680	0.70
08/09/2021	17:03:28	78765.52	394756.52	41.22	Asphalt	9,900	-0.22
08/09/2021	17:03:29	78765.34	394756.87	41.41	Asphalt	8,880	-1.43
08/09/2021	17:03:30	78765.46	394757.14	41.24	Asphalt	9,540	-0.64
08/09/2021	17:03:32	78765.32	394757.70	41.25	Asphalt	9,480	-0.72
08/09/2021	17:03:39	78765.55	394759.72	41.35	Asphalt	9,720	-0.43
08/09/2021	17:03:44	78765.87	394760.64	41.43	Asphalt	9,300	-0.93
08/09/2021	17:03:46	78766.04	394761.11	41.28	Asphalt	9,960	-0.15
08/09/2021	17:03:48	78765.99	394761.64	41.30	Asphalt	10,020	-0.08
08/09/2021	17:03:50	78765.90	394762.12	41.31	Asphalt	10,260	0.21
08/09/2021	17:03:51	78765.81	394762.35	41.31	Asphalt	10,620	0.63
08/09/2021	17:03:52	78766.02	394762.91	41.28	Asphalt	9,720	-0.43
08/09/2021	17:03:54	78765.91	394763.35	41.29	Asphalt	9,660	-0.50
08/09/2021	17:03:57	78766.27	394763.74	41.48	Asphalt	8,700	-1.64
08/09/2021	17:03:58	78765.91	394762.84	41.46	Asphalt	9,060	-1.21
08/09/2021	17:03:59	78766.16	394762.76	41.54	Asphalt	8,760	-1.57
08/09/2021	17:04:00	78765.82	394762.46	41.54	Asphalt	10,440	0.42
08/09/2021	17:04:01	78766.03	394762.23	41.55	Asphalt	10,320	0.28
08/09/2021	17:04:03	78765.92	394761.74	41.53	Asphalt	9,300	-0.93
08/09/2021	17:04:05	78765.70	394761.00	41.50	Asphalt	9,720	-0.43
08/09/2021	17:04:10	78765.53	394759.46	41.56	Asphalt	10,440	0.42
08/09/2021	17:04:12	78765.70	394759.09	41.44	Asphalt	9,060	-1.21
08/09/2021	17:04:13	78765.57	394758.70	41.58	Asphalt	10,440	0.42
08/09/2021	17:04:14	78765.57	394758.55	41.41	Asphalt	9,780	-0.36
08/09/2021	17:04:15	78765.74	394758.33	41.63	Asphalt	10,140	0.07
08/09/2021	17:04:16	78765.63	394758.12	41.42	Asphalt	10,860	0.92
08/09/2021	17:04:17	78765.81	394757.78	41.42	Asphalt	9,840	-0.29
08/09/2021	17:04:18	78765.76	394757.51	41.45	Asphalt	9,540	-0.64
08/09/2021	17:04:19	78766.05	394757.25	41.66	Asphalt	10,980	1.06
08/09/2021	17:04:20	78765.95	394756.84	41.50	Asphalt	10,920	0.99
08/09/2021	17:04:21	78766.31	394756.44	41.50	Asphalt	10,200	0.14
08/09/2021	17:04:22	78766.23	394755.87	41.48	Asphalt	9,900	-0.22
08/09/2021	17:04:23	78766.55	394755.67	41.71	Asphalt	10,920	0.99
08/09/2021	17:04:24	78766.37	394755.22	41.54	Asphalt	9,840	-0.29
08/09/2021	17:04:25	78766.46	394754.81	41.70	Asphalt	9,000	-1.28

SU 7D GWS RESULTS
(ASPHALT)

08/09/2021	17:04:26	78766.29	394754.41	41.70	Asphalt	9,780	-0.36
08/09/2021	17:04:27	78766.64	394753.98	41.69	Asphalt	9,180	-1.07
08/09/2021	17:04:28	78767.09	394753.87	41.69	Asphalt	10,320	0.28
08/09/2021	17:04:29	78767.30	394754.11	41.83	Asphalt	9,300	-0.93
08/09/2021	17:04:30	78766.63	394754.38	41.83	Asphalt	9,240	-1.00
08/09/2021	17:04:31	78767.00	394754.58	41.72	Asphalt	10,440	0.42
08/09/2021	17:04:32	78766.56	394754.75	41.74	Asphalt	8,940	-1.36
08/09/2021	17:04:33	78766.72	394755.10	41.74	Asphalt	9,840	-0.29
08/09/2021	17:04:34	78766.52	394755.23	41.73	Asphalt	10,260	0.21
08/09/2021	17:04:35	78766.61	394755.59	41.77	Asphalt	10,320	0.28
08/09/2021	17:04:36	78766.66	394755.77	41.76	Asphalt	9,660	-0.50
08/09/2021	17:04:37	78766.58	394756.20	41.76	Asphalt	9,540	-0.64
08/09/2021	17:04:38	78766.77	394756.49	41.66	Asphalt	10,380	0.35
08/09/2021	17:04:39	78766.46	394756.58	41.66	Asphalt	10,680	0.70
08/09/2021	17:04:40	78766.75	394756.92	41.63	Asphalt	9,840	-0.29
08/09/2021	17:04:41	78766.37	394756.95	41.63	Asphalt	11,040	1.13
08/09/2021	17:04:42	78766.68	394757.31	41.65	Asphalt	9,120	-1.14
08/09/2021	17:04:43	78766.39	394757.49	41.80	Asphalt	8,940	-1.36
08/09/2021	17:04:44	78766.73	394757.77	41.80	Asphalt	10,080	-0.01
08/09/2021	17:04:45	78766.46	394757.96	41.71	Asphalt	10,080	-0.01
08/09/2021	17:04:46	78766.72	394758.32	41.73	Asphalt	9,720	-0.43
08/09/2021	17:04:47	78766.54	394758.53	41.75	Asphalt	10,440	0.42
08/09/2021	17:04:48	78766.83	394759.03	41.75	Asphalt	9,720	-0.43
08/09/2021	17:04:49	78766.44	394759.27	41.76	Asphalt	9,360	-0.86
08/09/2021	17:04:50	78766.53	394759.67	41.86	Asphalt	9,180	-1.07
08/09/2021	17:04:51	78766.57	394759.95	41.75	Asphalt	10,500	0.49
08/09/2021	17:04:52	78766.45	394760.22	41.75	Asphalt	10,500	0.49
08/09/2021	17:04:53	78766.77	394760.47	41.96	Asphalt	9,960	-0.15
08/09/2021	17:04:54	78767.18	394760.33	41.82	Asphalt	9,960	-0.15
08/09/2021	17:04:55	78766.78	394759.71	41.96	Asphalt	11,040	1.13
08/09/2021	17:04:56	78766.84	394759.68	41.96	Asphalt	10,980	1.06
08/09/2021	17:04:57	78767.41	394759.72	41.91	Asphalt	10,680	0.70
08/09/2021	17:04:58	78766.92	394759.46	41.91	Asphalt	9,180	-1.07
08/09/2021	17:04:59	78767.15	394759.28	42.01	Asphalt	8,880	-1.43
08/09/2021	17:05:00	78767.20	394758.88	41.94	Asphalt	11,280	1.41
08/09/2021	17:05:01	78767.11	394758.73	41.95	Asphalt	9,720	-0.43
08/09/2021	17:05:02	78767.26	394758.51	42.12	Asphalt	9,360	-0.86
08/09/2021	17:05:03	78767.04	394758.23	42.12	Asphalt	10,140	0.07
08/09/2021	17:05:04	78767.30	394757.96	42.03	Asphalt	9,540	-0.64
08/09/2021	17:05:05	78767.02	394757.71	42.04	Asphalt	9,420	-0.79
08/09/2021	17:05:06	78767.41	394757.53	42.03	Asphalt	8,640	-1.71
08/09/2021	17:05:07	78767.07	394757.27	42.03	Asphalt	10,140	0.07
08/09/2021	17:05:08	78767.16	394757.03	41.98	Asphalt	10,620	0.63
08/09/2021	17:05:09	78767.19	394756.78	41.98	Asphalt	9,540	-0.64
08/09/2021	17:05:10	78767.18	394756.64	42.15	Asphalt	8,880	-1.43
08/09/2021	17:05:11	78767.46	394756.37	41.94	Asphalt	10,920	0.99
08/09/2021	17:05:12	78767.11	394756.21	42.07	Asphalt	9,120	-1.14
08/09/2021	17:05:13	78767.77	394756.03	42.07	Asphalt	9,720	-0.43
08/09/2021	17:05:14	78767.23	394755.78	42.07	Asphalt	8,820	-1.50
08/09/2021	17:05:15	78767.33	394755.66	42.10	Asphalt	10,920	0.99
08/09/2021	17:05:16	78767.71	394755.42	42.10	Asphalt	9,480	-0.72

SU 7D GWS RESULTS
(ASPHALT)

08/09/2021	17:05:17	78767.03	394755.28	42.18	Asphalt	10,140	0.07
08/09/2021	17:05:18	78767.59	394755.14	42.13	Asphalt	9,960	-0.15
08/09/2021	17:05:19	78767.29	394754.99	42.30	Asphalt	10,620	0.63
08/09/2021	17:05:20	78767.14	394754.91	42.30	Asphalt	8,940	-1.36
08/09/2021	17:05:21	78767.56	394754.67	42.12	Asphalt	9,960	-0.15
08/09/2021	17:05:22	78766.94	394754.63	42.16	Asphalt	9,960	-0.15
08/09/2021	17:05:23	78767.53	394754.44	42.14	Asphalt	9,060	-1.21
08/09/2021	17:05:24	78767.22	394754.25	42.14	Asphalt	8,580	-1.78
08/09/2021	17:05:25	78767.29	394754.12	42.21	Asphalt	10,020	-0.08
08/09/2021	17:05:26	78767.40	394753.85	42.08	Asphalt	9,000	-1.28
08/09/2021	17:05:27	78767.26	394753.64	42.22	Asphalt	11,460	1.63
08/09/2021	17:05:28	78767.44	394753.23	42.22	Asphalt	9,960	-0.15
08/09/2021	17:05:29	78767.12	394753.03	42.24	Asphalt	9,120	-1.14
08/09/2021	17:05:30	78767.14	394753.96	42.25	Asphalt	9,540	-0.64
08/09/2021	17:05:31	78767.35	394753.96	42.26	Asphalt	11,280	1.41
08/09/2021	17:05:32	78767.40	394754.15	42.26	Asphalt	10,380	0.35
08/09/2021	17:05:33	78766.81	394754.25	42.24	Asphalt	9,060	-1.21
08/09/2021	17:05:34	78767.25	394754.52	42.05	Asphalt	9,840	-0.29
08/09/2021	17:05:35	78766.89	394754.67	42.05	Asphalt	9,360	-0.86
08/09/2021	17:05:36	78767.33	394754.88	42.21	Asphalt	11,160	1.27
08/09/2021	17:05:37	78767.01	394755.07	42.12	Asphalt	9,900	-0.22
08/09/2021	17:05:38	78767.09	394755.32	42.12	Asphalt	10,140	0.07
08/09/2021	17:05:39	78767.25	394755.69	42.11	Asphalt	9,660	-0.50
08/09/2021	17:05:40	78767.23	394755.86	42.11	Asphalt	8,400	-1.99
08/09/2021	17:05:41	78767.42	394756.07	42.08	Asphalt	10,740	0.78
08/09/2021	17:05:41	78767.37	394756.11	42.09	Asphalt	9,180	-1.07
08/09/2021	17:05:43	78767.31	394756.07	42.03	Asphalt	8,880	-1.43
08/09/2021	17:05:43	78767.21	394756.27	42.11	Asphalt	9,420	-0.79
08/09/2021	17:05:45	78767.24	394756.23	42.11	Asphalt	9,180	-1.07
08/09/2021	17:05:46	78767.29	394756.23	42.11	Asphalt	10,320	0.28

APPENDIX F

Data Validation Report

Data Validation Report

High Flux Beam Reactor Stack Demolition and Decommissioning

Brookhaven National Laboratory

Introduction

Data validation of analytical laboratory results was performed using the requirements listed in the UFP-QAPP (OFJV 2020b) and the Consolidate Quality Systema Manual Version 5.1.1 (QSM, DoD/DOE 2018). The laboratory provided Stage 4 data reports for review.

Radionuclides that were not detected were qualified with a "U" flag by the analytical laboratory. All results assigned a "U" flag by the laboratory were maintained during data validation. No additional "U" flags were assigned during data validation to identify radionuclides that were not detected. Analytical data assigned a "U" flag represent a normal usable result.

A "Q" flag was assigned during data validation to analytical results where the combined standard uncertainty exceeded the FSS project objectives. The most common cause for assignment of a "Q" flag was an instrument background or source check outside control limits either before or after a measurement was performed. A "Q" flag was also assigned to a batch of results if the laboratory control sample (LCS) recovery was outside acceptable limits. Analytical data assigned a "Q" flag represent a usable result.

A "J" flag was assigned during data validation to analytical results that are unusually uncertain or estimated. The most common cause for assignment of a "J" flag was a carrier or tracer recovery outside acceptable limits. Analytical data assigned a "J" flag represent a usable result.

A "B" flag was assigned during data validation to analytical results associated with a blank result outside acceptable limits. The most common cause for assignment of a "B" flag was a method blank (MB) greater than three times the reported total uncertainty. Analytical data assigned a "B" flag represent a usable result.

A "R" flag assigned during data validation indicates quantitative or qualitative problems so severe the data are rejected and cannot be used for their intended purpose. No laboratory analytical data were assigned an "R" flag.

Laboratory Data Packages

The laboratory provided Stage 4 data reports for review. The following information was provided to assist in the validation of analytical results.

Alpha Spectrometry

The initial calibration and calibration verification was provided for each detector used.

Monthly background subtraction data were provided, no control or tolerance information was provided so these data were not evaluated.

Daily checks for continuing calibration verification were provided with control and tolerance limits for evaluation.

Daily instrument contamination checks were provided with control limits for evaluation.

Gamma Spectroscopy

The initial calibration and calibration verification provided for each detector used.

Monthly background subtraction data were provided with control and tolerance limits for evaluation.

Daily checks for continuing calibration verification were provided with control and tolerance limits for evaluation.

Daily instrument contamination checks were provided with control limits for evaluation.

Gas Flow Proportional Counting

The initial calibration included self-absorption curves and cross-talk factors and were acceptable. Voltage plateau information was not provided and was not evaluated.

Monthly background subtraction data were provided, no control or tolerance information was provided so these data were not evaluated.

Daily checks for continuing calibration verification were provided with control and tolerance limits for evaluation.

Daily instrument contamination checks were provided with control limits for evaluation.

Liquid Scintillation Counting

Instrument calibration with nuclide-specific quench curves were provided for each detector used. Nuclide-specific calibration verification information was provided for each instrument used.

Daily continuing calibration verification information was provided, no control or tolerance information was provided so these data were not evaluated.

Method Blanks

Method blanks were associated with specific sample batches. Method blanks were evaluated to determine if the reported result was less than three times the total uncertainty ($Z_{Blank} < 3$).

Laboratory Control Samples

Laboratory control samples were associated with specific sample batches. Laboratory control sample results were reviewed to determine the analyte recovery was within 25% of the expected value (75% to 125% recovery).

Laboratory Duplicates

Laboratory duplicates were associated with specific sample batches. Laboratory duplicate results were evaluated using a duplicate error ratio reported by the laboratory to determine if the value was less than 3.

Carrier and Tracer Recovery

Individual sample analyses using a carrier or tracer were evaluated to determine if the sample recovery was between 30% and 110%.

Re-Use Soils

Laboratory Reports Reviewed:

J41698-1, J41798-1, J42005-2, J42457-1

Analyses Reviewed:

Gamma spectroscopy for Ra-226 and Cs-137

Gas flow proportional counting for Sr-90.

No issues were identified during validation of the data.

All results are usable for their intended purpose.

All U flags assigned by the laboratory were retained.

No additional data qualifiers were assigned.

Reference Area Samples

Laboratory Reports reviewed:

J41496-1 (soil), J41700-1 (concrete)

Analyses Reviewed:

Alpha spectrometry for isotopic uranium and isotopic plutonium

Gamma spectroscopy for multiple radionuclides of concern

Gas flow proportional counting for Sr-90

Liquid scintillation counting for H-3 and Ni-63 (soil only)

Method blank 160-502826/1-A detected Eu-152 and Eu-154 with $Z_{Blank} < 3$

B flag assigned to Eu-152 and Eu-154 results for RA-001-031721, RA-002-031721, RA-003-031721, RA-004-031721, RA-005-031721, RA-006-031721, RA-007-031721, RA-008-031721, RA-009-031721, RA-010-031721, RA-011-031721, RA-012-031721, RA-013-031721, RA-014-031721, RA-015-031721, RA-016-031721

Detector failed the background check after a sample was counted

B flag assigned to Sr-90 results for RA-008-031721 and RA-017 041321

Carrier recovery less than 30%

J flag assigned to Ni-63 result for RA-001-031721

Final Status Survey Samples

Laboratory Reports reviewed:

J43079-1, J43084-1, J43113-1, J43124-1, J43154-1, J43154-2, J43157-1 Rev 1, J43195-1, J43220-1, J43230-1, J43306-1

Analyses Reviewed:

Alpha spectrometry for isotopic uranium and isotopic plutonium

Gamma spectroscopy for multiple radionuclides of concern

Gas flow proportional counting for Sr-90

Liquid scintillation counting for H-3, C-14, Ni-63, and Pu-241

Alpha Spectrometry

Monthly background subtract data not provided

B flag assigned to U-234, U-235, and U-238 for FSS-011-081121, FSS-012-081121

Method Blank 160-526536 detected U-238 with $Z_{Blank} < 3$

B flag assigned to U-238 for FSS-136-082521, FSS-137-082521, FSS-138-082521, FSS-145-082521, FSS-146-082521, FSS-147-082521

Tracer recovery <30% for uranium and plutonium

J flag assigned to U-234, U-235, U-238, Pu-238, Pu-239/240 for FSS-168-082621

Gamma Spectroscopy

Method blank 160-523157 detected Eu-152 with $Z_{Blank} < 3$

B flag assigned to Eu-152 for FSS-002-081121, FSS-003-081121, FSS-004-081121, FSS-006-081121, FSS-007-081121, FSS-008-081121, FSS-010-081121, FSS-011-081121, FSS-012-081121, FSS-014-081121, FSS-015-081121, FSS-016-081121

Method blank 160-523357 detected Eu-154 with $Z_{Blank} < 3$

B flag assigned to Eu-154 for FSS-001-081121, FSS-005-081121, FSS-009-081121, FSS-013-081121

Method blanks 160-523276 and 160-523294 detected Eu-152 with $Z_{Blank} < 3$

B flag assigned to Eu-152 for FSS-017-081221, FSS-018-081221, FSS-019-081221, FSS-020-081221, FSS-021-081221, FSS-022-081221, FSS-023-081221, FSS-024-081221, FSS-025-081221, FSS-026-081221, FSS-027-081221, FSS-028-081221, FSS-029-081221, FSS-030-081221, FSS-031-081221, FSS-032-081221, FSS-033-081221, FSS-034-081221, FSS-035-081221, FSS-036-081221, FSS-037-081221, FSS-038-081221, FSS-039-081221, FSS-040-081221, FSS-041-081221, FSS-042-081221, FSS-043-081221

Method blank 160-523941 detected Eu-154 with $Z_{Blank} < 3$

B flag assigned to Eu-154 for FSS-044-081721, FSS-045-081721, FSS-046-081721, FSS-047-081721, FSS-048-081721, FSS-049-081721, FSS-050-081721, FSS-051-081721, FSS-052-081721, FSS-053-081721, FSS-054-081721, FSS-055-081721, FSS-056-081721, FSS-057-081721, FSS-058-081721

Method blank 160-524257 detected Eu-152 with $Z_{Blank} < 3$

B flag assigned to Eu-152 for FSS-082-081921, FSS-083-081921, FSS-084-081921, FSS-085-081921, FSS-086-081921, FSS-087-081921, FSS-091-081921, FSS-092-081921, FSS-093-081921,

Method blank 160-524257 detected Eu-152 with $Z_{Blank} < 3$

B flag assigned to Eu-152 for FSS-103-082021, FSS-104-082021, FSS-105-082021, FSS-106-082021, FSS-107-082021, FSS-108-082021, FSS-109-082021, FSS-110-082021, FSS-111-082021, FSS-112-082021, FSS-113-082021, FSS-114-082021

Method blank 160-525011 detected Eu-152 with $Z_{Blank} < 3$

B flag assigned to Eu-152 for FSS-136-082521, FSS-137-082521, FSS-138-082521, FSS-145-082521, FSS-146-082521, FSS-147-082521, FSS-148-082521, FSS-149-082521, FSS-150-082521, FSS-151-082521, FSS-152-082521, FSS-088-082521, FSS-089-082521, FSS-090-082521

Method blank 160-525011 detected Eu-152 with $Z_{Blank} < 3$

B flag assigned to Eu-152 for FSS-160-082621, FSS-165-082621, FSS-169-082621

Laboratory duplicate Eu-152 duplicate error ratio >3

J flag assigned to Eu-152 for FSS-161-082621, FSS-162-082621, FSS-163-082621, FSS-164-082621, FSS-166-082621, FSS-167-082621, FSS-168-082621, FSS-170-082621

Gas Flow Proportional Counting

Detector failed the background check after a sample was counted

B flag assigned to Sr-90 for FSS-010-081121, FSS-054-081721

Laboratory control sample recovery less than 75%

Q flag assigned to Sr-90 for FSS-059-081821, FSS-060-081821, FSS-061-081821, FSS-062-081821, FSS-063-081821, FSS-064-081821, FSS-065-081821, FSS-066-081821, FSS-181-081821, FSS-067-081821, FSS-068-081821, FSS-069-081821, FSS-070-081821, FSS-071-081821, FSS-072-081821, FSS-073-081821

Liquid Scintillation Counting

Method blank 160-524989 detected H-3 with $Z_{Blank} < 3$

B flag assigned to H-3 for FSS-032-081321, FSS-033-081321, FSS-034-081321, FSS-035-081321, FSS-036-081321, FSS-037-081321, FSS-038-081321, FSS-039-081321, FSS-040-081321, FSS-041-081321, FSS-042-081321, FSS-043-081321

Sample recovery greater than 110%

J flag Ni-63 for FSS-044-081721, FSS-060-081821, FSS-070-081821

Method blank 160-526201 detected Ni-63 with $Z_{Blank} < 3$

B flag assigned to Ni-63 for FSS-059-081821, FSS-060-081821, FSS-061-081821, FSS-062-081821, FSS-063-081821, FSS-064-081821, FSS-065-081821, FSS-066-081821, FSS-067-081821, FSS-068-081821, FSS-069-081821, FSS-070-081821, FSS-071-081821, FSS-072-081821, FSS-073-081821, FSS-074-081821, FSS-075-081821, FSS-076-081821, FSS-077-081821, FSS-078-081821, FSS-079-081821, FSS-080-081821, FSS-081-081821, FSS-181-081821

Laboratory control sample 160-525621 recovery greater than 125%

Q flag assigned to Pu-241 for FSS-080-081821, FSS-081-081821, FSS-094-081921, FSS-095-081921, FSS-096-081921

Sample recovery less than 30%

J flag assigned to Pu-241 for FSS-168-082621

eurofins | Environment Testing TestAmerica

December 2, 2021

Daniel P. Ours
FPM Remediations, Inc.
181 Kenwood Avenue
Oneida, NY 13421

Mr. Ours,

Eurofins TestAmerica is submitting a supplemental Excel EDD file for the following jobs to provide “U” flags at the Critical Value (Lc). Previously submitted reports and EDDs are “U” flagged at the Minimum Detectable Concentration (MDC).

FSSR Jobs:

160-41496-1
160-41700-1
160-43079-1
160-43079-2
160-43084-1
160-43113-1
160-43124-1
160-43154-1
160-43154-2
160-43157-1
160-43195-1
160-43195-2
160-43220-1
160-43230-1
160-43306-1

Contact Ivan Vania (Ivan.Vania@Eurofinset.com) or 314-787-8270 with any questions.

Regards,

Rhonda Ridenhower

Rhonda Ridenhower
Laboratory Director

APPENDIX G

Exploratory Data Analysis

Reference Background Area Soil

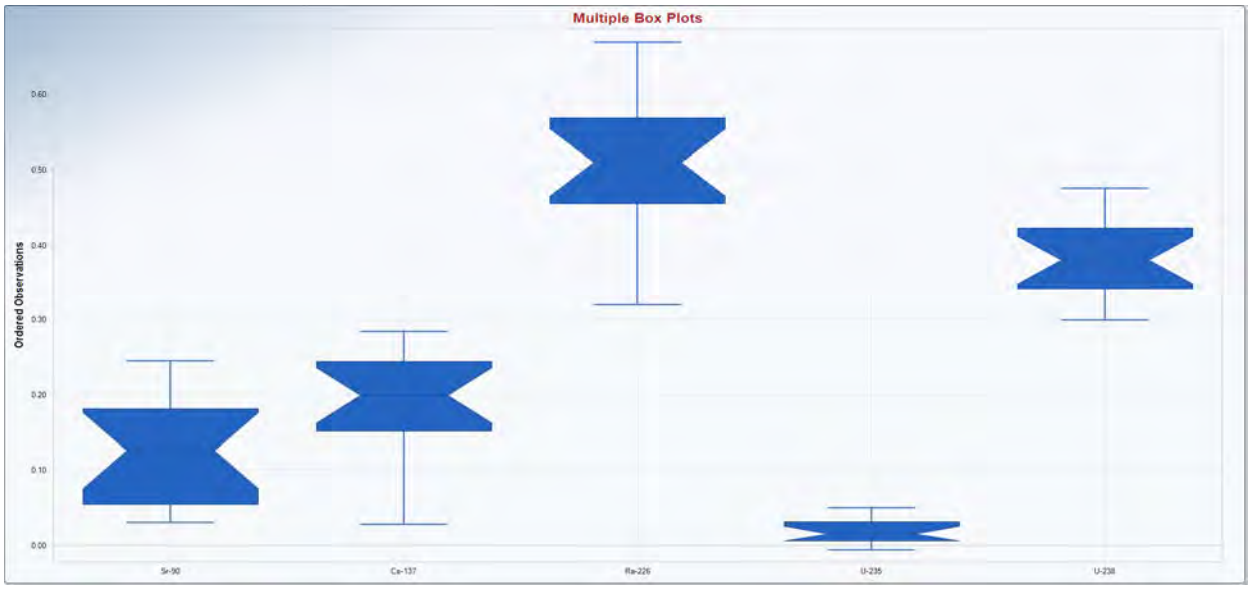
Co60	Sr90	Cs137	Eu152	Eu154	Ra226	U235	U238	SOF
0.00242	0.12	0.231	0.103	0.239	0.54	0.00845	0.475	0.33728
0.0189	0.195	0.201	0.29	0.0575	0.661	-0.00536	0.346	0.35335
0.00931	0.131	0.242	0.0597	0.0165	0.509	-0.00288	0.303	0.28122
0.0377	0.109	0.153	0.0701	0.0609	0.431	0.00901	0.448	0.28902
0.0147	0.136	0.197	0.0393	0.0291	0.51	0.012	0.3	0.27805
0.0183	0.0724	0.201	0.0507	0.0841	0.527	0.0409	0.416	0.32192
-0.00279	0.2	0.283	0.0406	0.2	0.668	0.0181	0.332	0.35003
0.0211	0.042	0.165	0.0917	0.026	0.416	0.023	0.383	0.27075
0.00549	0.0606	0.277	0.111	0.126	0.593	0.00289	0.369	0.32151
0.00219	0.244	0.0342	0.0344	0.00108	0.448	-0.00285	0.429	0.29901
0.0253	0.167	0.149	0.0465	0.0392	0.463	0.049	0.454	0.32922
-0.0586	0.0314	0.246	-0.0816	0.0911	0.544	0.0378	0.338	0.30364
0.0415	0.152	0.0287	0.0467	0.0611	0.466	0.0322	0.364	0.28477
0.0283	0.217	0.174	0.00378	0.0785	0.507	0.0307	0.378	0.31946
-0.011	0.0473	0.271	0.104	0.0787	0.321	0.025	0.409	0.25905
0.0668	0.0426	0.133	0.0958	0.0551	0.61	0.0109	0.398	0.32897

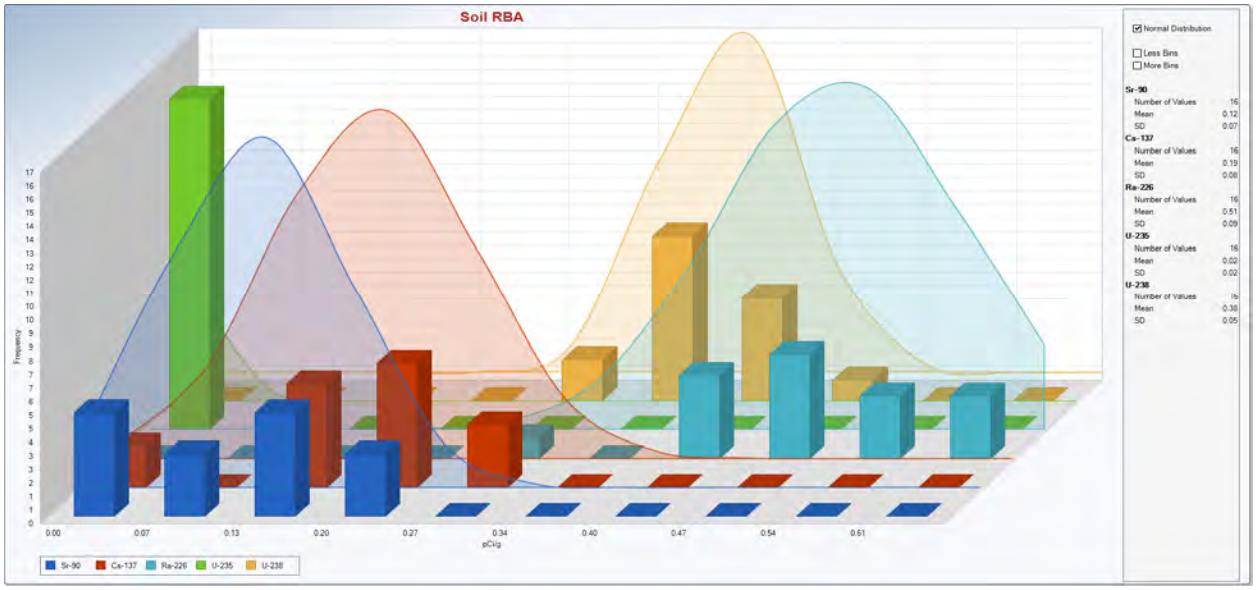
Detected

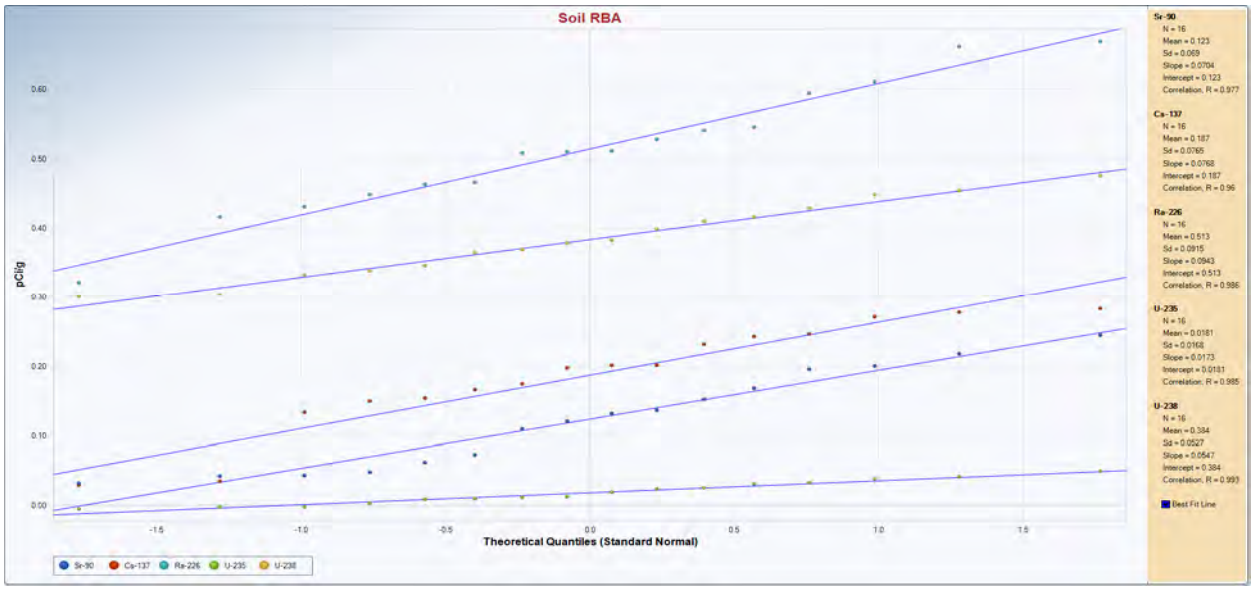
General Statistics for Soil RBA Data Set

Nuclide	Minimum	Maximum	Mean	SD	Median	95% UCL	BTV
Co-60	-0.0586	0.0668	0.0137	0.0272	0.0165	-2.20E-04	0.0922
Sr-90	0.0314	0.244	0.123	0.069	0.126	0.135	0.287
Cs-137	0.0287	0.283	0.187	0.0765	0.199	0.22	0.369
Eu-152	-0.0816	0.29	0.0691	0.0755	0.0552	0.308	0.29
Eu-154	0.00108	0.239	0.0777	0.0638	0.061	0.122	0.357
Ra-226	0.321	0.668	0.513	0.0915	0.51	0.553	0.737
U-235	-0.00536	0.049	0.0181	0.0168	0.0151	0.0225	0.0614
U-238	0.3	0.475	0.384	0.0527	0.381	0.407	0.513
SOF	0.259	0.353	0.308	0.0288	0.312	0.321	0.378

Reference Background Area Soil







Reference Background Area Concrete

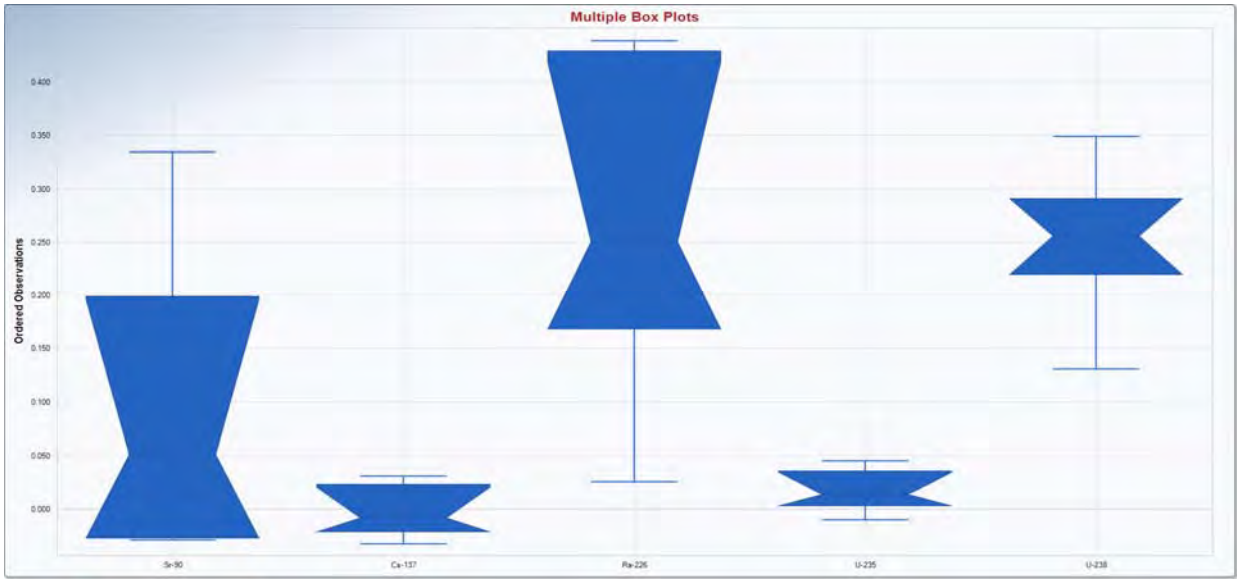
Co60	Sr90	Cs137	Eu152	Eu154	Ra226	U235	U238	SOF
0.00779	0.199	-0.00888	0.121	0.0856	0.168	0.00312	0.278	0.11385
-0.0123	-0.0273	-0.00816	0.144	0.0458	0.264	0.0354	0.234	0.08849
-0.0415	0.334	0.023	0.0426	0.0688	0.0259	-0.00979	0.22	0.10494
0.00925	-0.0286	-0.0323	0.114	0.0273	0.237	0.0446	0.131	0.13091
0.00161	0.106	-0.0212	0.159	0.128	0.429	0.0212	0.348	0.25484
0.0295	-0.00379	0.03	0.0611	0.19	0.438	0.00596	0.291	0.22822

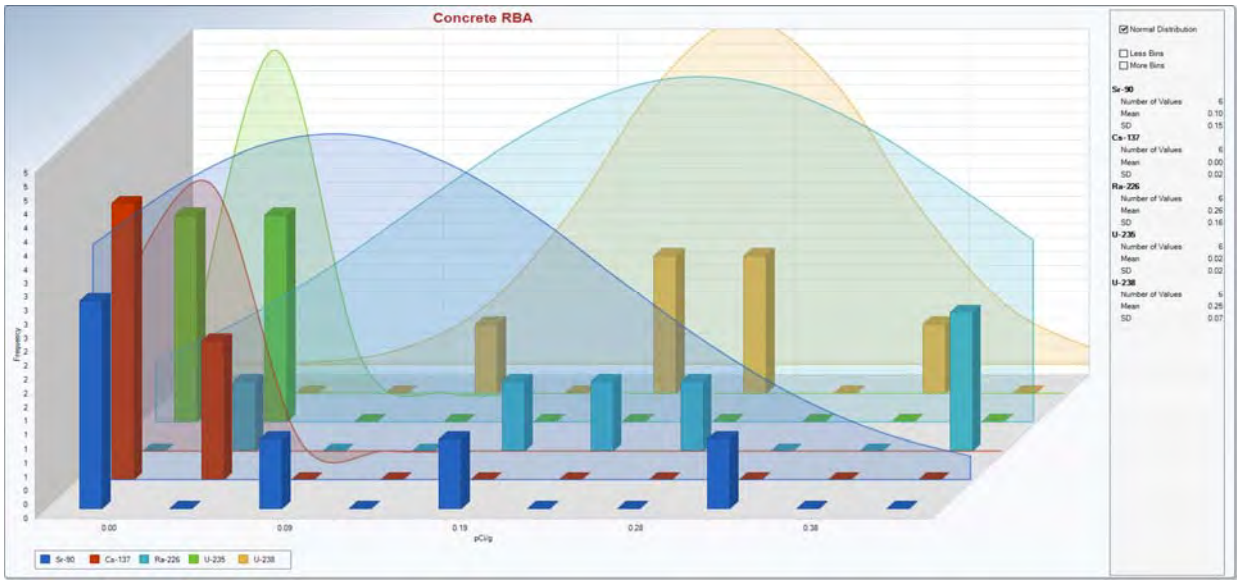
Detected

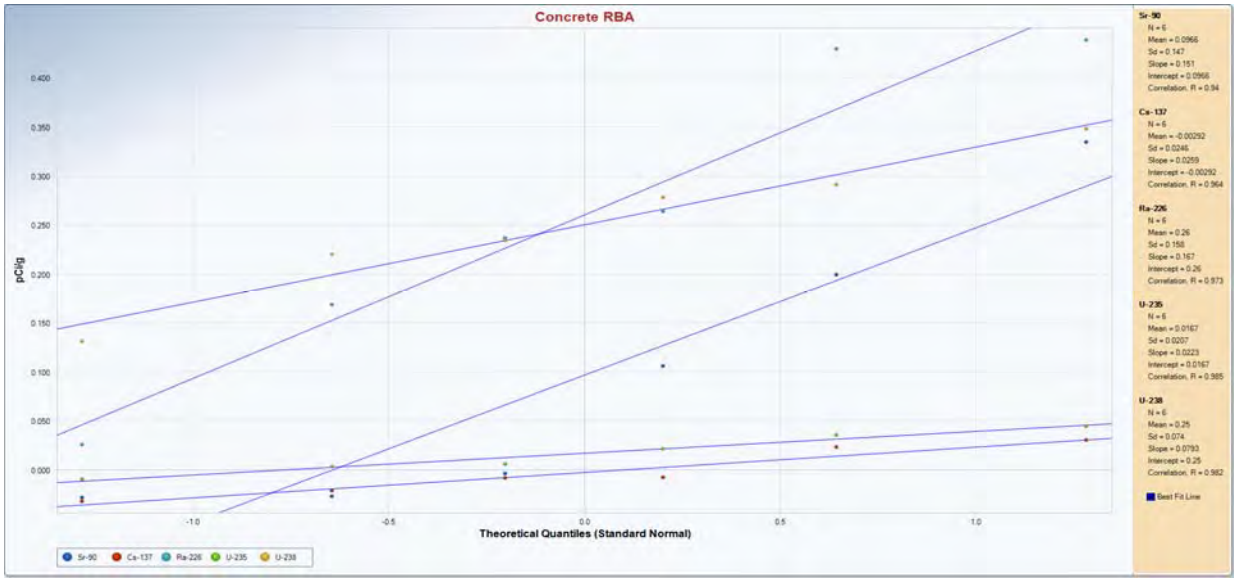
General Statistics for Concrete RBA Data Set

Variable	NumObs	Minimum	Maximum	Mean	SD	Median	95% UCL	BTV
Co-60	6	-0.0415	0.0295	-9.42E-04	0.024	0.0047	0.0047	0.0295
Sr-90	6	-0.0286	0.334	0.0966	0.147	0.0511	0.0511	0.334
Cs-137	6	-0.0323	0.03	-0.00292	0.0246	-0.00852	-0.00852	0.03
Eu-152	6	0.0426	0.159	0.107	0.046	0.118	0.118	0.159
Eu-154	6	0.0273	0.19	0.0909	0.0597	0.0772	0.142	0.192
Ra-226	6	0.0259	0.438	0.26	0.158	0.251	0.251	0.438
U-235	6	-0.00979	0.0446	0.0167	0.0207	0.0136	0.0136	0.0446
U-238	6	0.131	0.348	0.25	0.074	0.256	0.311	0.385
SOF	6	0.0885	0.255	0.154	0.07	0.122	0.211	0.281

Reference Background Area Concrete







Survey Unit 7A
Concrete Pedestal Final Status Survey Data

Final Status Survey Data No Background Subtraction

H3	C14	Co60	Ni63	Sr90	Cs137	Eu152	Eu154	Eu155	Ra226	U235	U-238	Pu238	Pu239	Pu241	Am241	
149	0.711	0.0141	0.387	-0.0317	-0.049	0.141	0.0593	0.0397	0.102	0.0523	0.234	-0.00305	0.0145	-0.151	0.0685	
3.92	0.87	0.0569	0.54	0.147	-0.0529	0.0924	0.0928	0	0.443	0.0132	0.232	0.0211	-0.0176	-0.751	0.0102	
0.87	0.753	0.0238	0.51	0.0513	-0.00328	0.0565	0.0477	0.0845	0.562	-0.00381	0.18	-0.0134	-0.0118	-2.65	0.0454	Detected
0.513	0.626	0.00701	1.12	0.372	0.00207	0.133	0.0289	-0.00229	0.41	0.00935	0.222	-0.0229	0.0104	-0.911	0.0195	
38.1	1.19	0.015	0.485	2.91	0.697	0.0722	0.0251	-0.00067	0.277	0.0326	0.22	0.0178	0.00712	0.273	-0.0877	
41.2	1.16	0.0118	1.01	7.52	4.05	0.014	0.0801	-0.117	0.532	0.0175	0.309	-0.0647	-0.0691	0.384	-0.111	
37.6	0.818	0.0344	0.667	0.527	0.025	0.117	0.0533	-0.137	0.212	0.0166	0.333	-0.00953	-0.00954	-0.813	0.045	
261.1	1.036	0.015	0.54	3.812	0.00207	0.0924	0.0533		0.49	0.0322	0.287	-0.00953	-0.00954			95% UCL

Final Status Survey Data with Ra-226, U-235, and U-238 Background Subtraction

H3	C14	Co60	Ni63	Sr90	Cs137	Eu152	Eu154	Eu155	Ra226	U235	U-238	Pu238	Pu239	Pu241	Am241	
149	0.711	0.0141	0.387	-0.0317	-0.049	0.141	0.0593	0.0397	-0.158	0.0356	-0.016	-0.00305	0.0145	-0.151	0.0685	
3.92	0.87	0.0569	0.54	0.147	-0.0529	0.0924	0.0928	0	0.183	-0.0035	-0.018	0.0211	-0.0176	-0.751	0.0102	
0.87	0.753	0.0238	0.51	0.0513	-0.00328	0.0565	0.0477	0.0845	0.302	-0.024	-0.07	-0.0134	-0.0118	-2.65	0.0454	Detected
0.513	0.626	0.00701	1.12	0.372	0.00207	0.133	0.0289	-0.00229	0.15	-0.00735	-0.028	-0.0229	0.0104	-0.911	0.0195	
38.1	1.19	0.015	0.485	2.91	0.697	0.0722	0.0251	-0.00067	0.017	0.0159	-0.03	0.0178	0.00712	0.273	-0.0877	
41.2	1.16	0.0118	1.01	7.52	4.05	0.014	0.0801	-0.117	0.272	0.0008	0.059	-0.0647	-0.0691	0.384	-0.111	
37.6	0.818	0.0344	0.667	0.527	0.025	0.117	0.0533	-0.137	-0.048	-0.0001	0.083	-0.00953	-0.00954	-0.813	0.045	
261.1	1.036	0.015	0.54	3.812	0.00207	0.0924	0.0533		0.23	0.0153	0.0368	-0.00953	-0.00954			95% UCL

Pedestal Average Concentration - SOR<1.0 - IV and FSS Data Combined - Background Subtraction

H3	C14	Co60	Ni63	Sr90	Cs137	Eu152	Eu154	Eu155	Ra226	U235	U-238	Pu238	Pu239	Pu241	Am241	
149	0.711	0.0141	0.387	-0.0317	-0.049	0.141	0.0593	0.0397	-0.158	0.0356	-0.016	-0.00305	0.0145	-0.151	0.0685	
3.92	0.87	0.0569	0.54	0.147	-0.0529	0.0924	0.0928	0	0.183	-0.0035	-0.018	0.0211	-0.0176	-0.751	0.0102	
0.87	0.753	0.0238	0.51	0.0513	-0.00328	0.0565	0.0477	0.0845	0.302	-0.024	-0.07	-0.0134	-0.0118	-2.65	0.0454	Detected
0.513	0.626	0.00701	1.12	0.372	0.00207	0.133	0.0289	-0.00229	0.15	-0.00735	-0.028	-0.0229	0.0104	-0.911	0.0195	
38.1	1.19	0.015	0.485	2.91	0.697	0.0722	0.0251	-0.00067	0.017	0.0159	-0.03	0.0178	0.00712	0.273	-0.0877	
37.6	0.818	0.0344	0.667	0.527	0.025	0.117	0.0533	-0.137	-0.048	-0.0001	0.083	-0.00953	-0.00954	-0.813	0.045	
69.9		-0.004	1.2	0.04	0.004	0.007	0.007		0.233	-0.0147	0.35				-0.022	
82.08	0.99	0.015	0.54	0.147	0.00207	0.0924	0.0477		0.22	-0.0035	0.0273	-0.00629	-0.00121			95% UCL

Elevated Concentration Evaluation - SOR>1.0 for EMC - IV and FSS Data Combined - Background Subtraction

H3	C14	Co60	Ni63	Sr90	Cs137	Eu152	Eu154	Eu155	Ra226	U235	U-238	Pu238	Pu239	Pu241	Am241
41.2	1.16	0.0118	1.01	7.52	4.05	0.014	0.0801	-0.117	0.272	0.0008	0.059	-0.0647	-0.0691	0.384	-0.111
155.6		0.006	0.7	5.1	4.39	0.031	0.006		0.251	0.0633	0.23				-0.045
59.5		-0.01	0.5	32.7	17.9	-0.08	-0.046		0.119	0.0133	0.13				-0.027

Combined Data Set - ALL IV and FSS Data with Background Subtraction

H3	C14	Co60	Ni63	Sr90	Cs137	Eu152	Eu154	Eu155	Ra226	U235	U-238	Pu238	Pu239	Pu241	Am241	
149	0.711	0.0141	0.387	-0.0317	-0.049	0.141	0.0593	0.0397	-0.158	0.0356	-0.016	-0.00305	0.0145	-0.151	0.0685	
3.92	0.87	0.0569	0.54	0.147	-0.0529	0.0924	0.0928	0	0.183	-0.0035	-0.018	0.0211	-0.0176	-0.751	0.0102	
0.87	0.753	0.0238	0.51	0.0513	-0.00328	0.0565	0.0477	0.0845	0.302	-0.024	-0.07	-0.0134	-0.0118	-2.65	0.0454	
0.513	0.626	0.00701	1.12	0.372	0.00207	0.133	0.0289	-0.00229	0.15	-0.00735	-0.028	-0.0229	0.0104	-0.911	0.0195	
38.1	1.19	0.015	0.485	2.91	0.697	0.0722	0.0251	-0.00067	0.017	0.0159	-0.03	0.0178	0.00712	0.273	-0.0877	Detected
41.2	1.16	0.0118	1.01	7.52	4.05	0.014	0.0801	-0.117	0.272	0.0008	0.059	-0.0647	-0.0691	0.384	-0.111	
37.6	0.818	0.0344	0.667	0.527	0.025	0.117	0.0533	-0.137	-0.048	-0.0001	0.083	-0.00953	-0.00954	-0.813	0.045	
69.9		-0.004	1.2	0.04	0.004	0.007	0.007		0.233	-0.0147	0.35				-0.022	
155.6		0.006	0.7	5.1	4.39	0.031	0.006		0.251	0.0633	0.23				-0.045	
59.5		-0.01	0.5	32.7	17.9	-0.08	-0.046		0.119	0.0133	0.13				-0.027	
88.23	1.036	0.013	0.604	23.8	6.247	0.0644	0.0383		0.22	0.00818	0.0345	-0.00953	-0.00954			95% UCL

Survey Unit 7B
Silencer Excavation Final Status Survey Data

H3	C14	Na22	Co60	Ni63	Sr90	Cs137	Eu152	Eu154	Eu155	Ra226	U234	U235	U238	Pu238	Pu239	Pu241	Am241	
0.0674	-0.0223	-0.00619	-0.0548	2.08	0.377	0.0141	0.000872	0.0633	0.0227	-0.314	-0.295	-0.02425	-0.197	-0.0161	-0.0023	2.04	0.0255	
-0.224	-0.159	-0.0515	-0.0165	2.52	0.0823	0.00365	0.0524	0.0593	-0.000885	-0.264	-0.244	-0.0181	-0.191	0.0238	-0.00264	-0.269	0.00392	
-0.15	0.333	0.0122	-0.0288	1.66	0.302	-0.0392	0.0943	0.0296	-0.0983	-0.114	-0.265	-0.0181	-0.206	0.00612	-0.00613	0.587	0.0217	Detected
-0.033	-0.191	-0.0284	0.0293	1.11	0.232	-0.0347	0.0613	0.0103	0.145	-0.216		0.0065	-0.3136	-0.0095	0.00951	-4.47	0.0417	
0.179	-0.0656	-0.0323	0	0.949	0.0262	0.0865	0.0626	-0.0019	0.0303	-0.259		0.0153	-0.277	-0.00925	-0.00232	-0.293	0.043	
11.3	-0.357	-0.016	0.0256	13	0.291	-0.021	0.0547	0.0764	-0.0763	-0.149		0.0198	-0.242	-0.00867	-0.00289	-1.92	0.0427	
-0.0711	-0.18	0.0362	0.0328	0.54	0.161	0.19	0.0324	0.0346	0.0434	-0.105		-0.02405	-0.107	-0.0111	0.00222	-1.59	-0.00436	
-0.0175	-0.0735	0.027	-0.0186	0.89	0.159	0.0256	0.0188	0.0538	0.0206	-0.351		0.0266	-0.193	-0.0119	0.0209	-0.788	0.047	
-0.143	-0.68	-0.00351	0.00121	0.337	0.0702	0.0266	0.0609	0.0491	0.0244	-0.132		-0.02081	-0.169	-0.00446	0.0156	-2.09	0.025	
0.0318	0.369	-0.00412	0.00426	0.824	-0.179	0.0138	0.092	0.034	0.0198	-0.4758		0.0179	-0.2973	-0.00563	0	-1.88	0.0357	
0.0804	0.259	-0.0302	-0.00223	-0.34	0.0756	0.0267	0.109	0.0128	-0.0051	-0.239		-0.02462	-0.3056	-0.00306	0	-1.87	-0.0723	
0.147	0.128	-0.0187	0.0289	0.321	0.0992	-0.000269	0.0418	0.0264	-0.0572	-0.178		0.0035	0.049	-0.00211	0	-0.616	-0.0628	
0.00906	0.455	-0.0112	-0.00869	0.705	0.116	-0.0198	0.00954	0.0133	-0.076	-0.245		0.0005	-0.197	-0.176	-0.263	0.553	0.0518	
0.161	0.454	-0.0142	-0.00246	1.16	0.127	0.0161	0.026	0.0441	-0.0697	-0.146		-0.02432	-0.194	-0.00419	-0.00419	-0.367	-0.0414	
0.178	0.0322	0	-0.00895	0.434	0.565	-0.0509	0.105	0.00644	0.0422	-0.224		0.0051	-0.165	0	0	-0.65	-0.0534	
0.0393	0.622	0.00785	-0.00581	1.15	0.0382	0.128	0.0445	0.0138	-0.0722	-0.254		-0.02139	-0.094	-0.00275	0	0.285	0.0438	
0.0449	-0.68	0.012	-0.0488	0.863	0.36	0.256	0.0898	0.0291	0.0301	-0.218		0.0368	-0.208	0.00778	0.00778	1.79	0.0598	
0.124	-0.446	0.00453	0.0117	0.74	0.206	0.117	0.0127	0.103	0.00632	-0.316		-0.0216	-0.125	-0.00615	-0.00308	1.3	-0.0227	
-0.108	-0.0797	-0.00709	0.0264	1.62	0.0148	0.0346	0.0894	0.0307	-0.00302	-0.259	-0.273	-0.008	-0.269	0	-0.00187	1.88	-0.0747	
0.109	-0.214	0.00784	0.0131	1.39	0.18	0.0803	0.091	0.0677	0.0552	-0.224	-0.061	-0.0061	-0.15	-0.0315	0	0.118	-0.0653	
0	-0.33	-0.0387	0.025	1.24	0.037	0.0333	0.0876	0.0612	0.0645	-0.104	0.015	0.0097	-0.126	0.0113	0.0132	1.9	0.0151	
0.258	0.482	-0.0154	0.0359	0.745	0.0959	0.015	0.258	0.0327	-0.000498	-0.4131	-0.29	-0.0181	-0.3136	-0.0175	0.01	-1.18	-0.0646	
0.295	0.589	-0.0272	-0.0281	0.998	0.0893	0.0631	0.0322	0.0366	-0.062	-0.329	-0.2848	-0.0058	-0.3394	0.0196	-0.0028	-1.12	0.0331	
0.347	0.574	0.0187	0	0.785	-0.0244	0.012	0.0415	0.0457	-0.0278	-0.4623	-0.2956	-0.0076	-0.3399	-0.00759	0.0076	1.07	-0.0518	
0.21	0.852	-0.00148	0.00493	1.42	-0.121	0.0829	0.125	0.0448	0.0375	-0.417	-0.208	-0.0181	-0.24	0.0343	0.00687	-0.296	0.0327	
0.228	0.592	0.0156	-0.0301	0.821	-0.0586	-0.00526	0.08	0.097	0.0385	-0.283	-0.243	0.0107	-0.233	-0.00239	0.00959	-1.37	0.0425	
0.253	0.703	0.00877	-0.00795	1.31	0.0256	-0.0124	0.0405	-0.000624	0.0149	-0.4471	-0.215	-0.01554	-0.213	0.0573	-0.00239	-0.839	0.0428	
0.244	0.42	0.0172	0.0154	1.24	0.303	-0.0234	0.0969	0.0666	0.0514	-0.385	-0.276	-0.01117	-0.262	0.0338	0.0159	-0.971	0.00477	
0.409	-0.0165	0	-0.0016	0.861	-0.0722	-0.0283	0.129	0.0616	0.0179	-0.405	-0.14	-0.0067	-0.254	0.0228	-0.00622	-1.27	0.0656	
0.258	0.149	0.00721	0.00299	0.697	0.156	0.0198	0.136	0.061	-0.00438	-0.51734	-0.287	-0.01337	-0.3366	0.0575	-0.00262	-1.51	0.0549	
0.251	0.493	-0.00161	0.0301	0.935	0.144	0.0403	0.126	0.157	-0.149	-0.107	-0.009	0.008	-0.138	0.0253	0.0337	-0.374	0.0945	
0.379	1.05	-0.00147	-0.00315	1.7	0.235	0.405	0.193	-0.00641	0.0847	-0.5374	-0.251	-0.01502	-0.219	-0.00282	0.00283	-1.24	0.0575	
0.244	0.749	0.00118	-0.0159	0.989	0.126	0.0275	0.111	0.00742	-0.0522	-0.254	-0.248	-0.0045	-0.22	0.0226	-0.01	0.852	0.0899	
0.0489	0.416	-0.0545	-0.00443	1.48	0.183	0	0.0598	0.00817	-0.000837	-0.228	-0.3149	-0.0413	-0.243	0.0555	0.0243	-0.897	0.0755	
0.139	0.0437	0.00714	0.024	1.13	0.0765	-0.00281	0.00964	0.0731	-0.00433	-0.293	-0.2969	-0.01063	-0.3031	0.00338	0	0	0.0543	
0.138	0.0729	0.0387	-0.00608	1.1	0.354	0.0182	0.107	0.0116	0.0169	-0.5278	-0.273	0.0278	-0.279	-0.0277	0.0339	0.0796	0.0458	
0.196	0.219	0.0376	-0.0559	0.838	0.179	0.0175	0.145	0.00147	0.027	-0.248	-0.224	-0.01207	-0.205	0.0501	0.0195	-1.44	0.0426	
0.0817	0.919	0.0145	0.00115	1.23	-0.0597	-0.0401	0.112	0.0272	0.0395	-0.254	-0.172	-0.0049	-0.202	0.0191	0.00821	-0.141	0.0146	
0.238	-0.0547	-0.00706	0.0307	1.64	0.0813	0.0327	0.0834	0.0733	-0.00429	-0.286	-0.104	0.0426	-0.115	0.062	0	1.72	0.0105	
0.0248	0.34	-0.0429	0.00313	1.07	0.339	0.0112	0.0294	0.109	-0.000464	-0.4323	-0.3511	0.0165	-0.2957	0.0528	0	-0.575	0.0544	
0.117	0.631	-0.0547	0.00121	0.726	0.237	0.00247	0.0489	0.051	0.0598	-0.4917	-0.3244	0.0141	-0.26	0.0124	0.0249	-0.454	-0.053	
0.25	0.612	0.0345	0.0226	1.14	0.241	0.0188	0.0718	0.0301	-0.0771	-0.197	-0.214	-0.0058	-0.17	0.00918	-0.00919	0.537	-0.0288	
0.0759	0.665	0.00912	0.00645	0.262	0.169	0.029	0.0581	0.00243	0.045	-0.28	-0.251	-0.02472	-0.3521	0.0276	0.00306	-1.32	0.00308	
0.077	0.701	-0.0079	-0.0316	0.953	0.19	0.0226	0.0512	0.0571	0	-0.332	-0.3639	-0.0824	-0.3209	0.00973	0.00325	-0.514	0.0405	
-0.0592	1	0.0398	0.0107	0.649	0.179	-0.00133	0.0767	0.0419	0.06	-0.477	-0.244	-0.0023	-0.183	0.0885	-0.00537	-1.06	0.032	
0.172	0.855	-0.0251	-0.00306	-0.0509	0.201	0.356	0.0477	0.0385	0.0263	-0.182	-0.255	-0.0083	-0.256	0.0234	0.102	0.126	0.088	
0.101	0.223	-0.0505	0.026	0.043	0.0861	0.351	-0.0367	0.0338	0.0573	-0.227	-0.25	0.0027	-0.179	0.043	0.00239	-0.943	0.0462	
-0.0107	0.547	0.0121	-0.0314	0.00705	0.0153	0.0942	0.27	0.0364	-0.000489	-0.252	-0.3365	-0.0181	-0.176	0.0203	0.0029	-1.42	0.0717	
-0.162	1.06	0.0394	-0.03	1.09	0.616	0.812	0.168	0.0655	-0.137	0.547	0.253	0.0385	0.361	-0.0062	0.0207	-1.4	0.023	
-0.214	0.335	0.0685	0.0116	0.498	0.31	0.249	0.1	0.033	-0.000913	0.08	0.026	0.0208	0.029	-0.0102	0.0102	-1.11	0.0524	
-0.122	0.715	0.0114	-0.0304	1.21	0.161	0.117	0.0824	0.0898	0.0323	-0.238	-0.073	0.003	0.022	0.00795	-0.00199	-1.17	0.0422	Detected
-0.0733	0.454	-0.029	-0.00232	0.765	0.442	0.418	0.0776	0.0285	0	-0.251	-0.242	-0.0181	-0.156	-0.0215	-0.00431	1.42	-0.0508	
-0.135	-0.0842	0.0376	0.00108	0.822	0.295	0.223	0.0272	0.0244	-0.00425	-0.128	-0.089	0.0343	-0.096	0.0312	0.0246	-0.38	-0.0294	
-0.000591	-0.0938	0.0347	-0.0224	1.2	0.609	0.17	0.0941	0.0316	0.0171	-0.097	-0.123	-0.0181	-0.093	-0.00231	0.00231	0.796	-0.0119	
2.298	-0.222	0.0193	-0.0304	3.48	0.183	0.0867	0.0749	0.0384	0.0106	-0.0189	-0.00829	-0.0246	-0.125	-0.0934	-0.0164	-3.283	0.0329	95% UCL

Survey Unit 7C

Stormater Collection System Area Final Status Survey Data

H3	C14	Na22	Co60	Ni63	Sr90	Cs137	Eu152	Eu154	Eu155	Ra226	U234	U235	U238	Pu238	Pu239	Pu241	Am241	
-0.0346	-0.745	0.00222	0.015	0.0748	0.0346	0.0157	0.0992	-0.00956	-0.0008	-0.131	-0.12	-0.02061	-0.144	0.002	0.00601	-0.224	-0.0584	
-0.064	-0.027	-0.00621	-0.061	-0.172	0.0865	-0.0349	0.0919	-0.0392	-0.0878	-0.4331	-0.117	-0.007	-0.233	0.0272	-0.00227	-0.206	-0.0373	
0.0635	-0.511	-0.00284	0.006	0.114	-0.0197	-0.021	0.0447	-0.0358	-0.00431	-0.428	-0.232	0.0212	-0.235	0.0227	-0.00228	0.018	0.054	
0.0221	-0.365	0.0232	0.0208	0.298	0.274	0.0174	0.0872	0.14	0	-0.173	-0.078	-0.00846	-0.051	-0.00812	0.00609	0.378	-0.00846	
0.0636	0.115	-0.0139	-0.00443	0.187	0.132	0	0.0537	0.0567	0	-0.266	-0.121	-0.01281	-0.011	-0.00379	-0.0019	0.621	-0.0196	
-0.0171	-0.352	0.00564	0.0383	0.979	-0.0892	0.0166	0.135	0.0552	0	-0.212	-0.206	0.0217	-0.119	0.00381	-0.00571	-0.541	0.00225	
0.18	-0.212	-0.0314	0.0175	-0.124	-0.0831	0.0266	0.123	0.061	-0.000994	-0.27	-0.248	-0.02288	-0.236	-0.00191	-0.00575	0.257	-0.077	
-0.0796	0.279	-0.0347	0.00264	-0.336	0.0305	0.0191	0.135	0.0718	0.0013	-0.262	-0.203	-0.0181	-0.211	-0.0059	0.00393	0.117	0.0485	
0.106	-0.631	-0.00901	0.0126	0.245	-0.0886	-0.000908	-0.00384	0.048	-0.000927	-0.309	-0.088	0.0388	-0.146	-0.00175	-0.00175	0.0627	-0.0638	
0.134	-0.29	0.0231	0.0369	0.374	0.103	0.0251	0.145	0.0313	0.0622	-0.172	-0.114	0	-0.129	0.0201	-0.0101	0.0318	-0.0594	
-0.106	-0.00952	0.0157	0.00972	0.523	-0.147	0.067	0.0519	-0.0381	-0.00433	-0.377	-0.115	-0.02058	-0.189	0	0.00727	-0.019	0.0486	
0.0975	-0.69	0.0219	0.00348	0.0215	-0.0433	0.0188	0.059	0.0557	-0.0792	-0.4202	-0.069	0.0005	-0.03	0.0055	0	1.4	0.0508	Detected
0.166	-0.705	-0.00856	-0.0372	0.133	0.109	0.0386	0.0734	0.00892	-0.103	-0.139	-0.138	-0.01296	-0.168	0.00616	-0.0103	0.637	0.0721	
0.132	-0.0308	-0.00477	0.0123	-0.101	-0.0137	0.0042	0.0641	0.0278	0.0391	-0.245	-0.182	-0.0022	-0.242	0.0314	-0.00224	0.537	0.0509	
0.0212	-0.12	-0.024	0.0299	0.956	-0.0967	-0.0179	-0.00165	0.0714	0.0265	-0.21	-0.174	-0.0004	-0.224	-0.01	-0.00601	0.0441	0.0583	
-0.00714	-0.517	0.0239	0.00592	-0.0442	-0.173	0.0224	0.109	0.0471	-0.0745	-0.046	-0.099	-0.01115	-0.102	-0.00797	-0.00199	0.119	0.0358	
0.0455	0.571	-0.0658	-0.00466	-0.265	0.192	0.118	0.0224	0.0561	-0.0052	-0.4472	-0.156	-0.0001	-0.105	-0.0037	-0.00185	0.184	0.0568	
-0.0653	-0.688	0.0413	-0.029	0.385	-0.112	0.146	0.0924	0.0162	0	-0.047	-0.159	-0.0181	-0.089	-0.00189	0.00758	0.172	-0.00127	
0.146	-0.047	-0.00978	-0.0327	0.0506	-0.0253	0.0159	0.0355	0.0588	-0.0699	-0.158	-0.256	0.009	-0.147	0.02	0.00667	-0.888	0.0369	
0.0993	-0.223	-0.00174	-0.0342	-0.302	0.0484	-0.0439	0.00000803	0.0925	0.0937	-0.109	-0.3377	-0.0335	-0.264	-0.0136	-0.00341	-1.39	-0.0697	
0.038	-0.0686	0.00231	-0.0012	-0.237	0.106	0.018	0.0871	0.0381	0.0516	-0.282	-0.154	-0.0062	-0.129	0.0253	0.00846	-1.08	0.0145	
-0.185	0.271	0.00729	0.0166	-0.184	0.193	0.187	0.0901	0.0517	0.0317	-0.114	-0.265	0.0044	-0.253	-0.0183	0.0275	-1.6	-0.0637	
-0.322	-0.094	-0.0391	0.013	0.225	-0.148	0.256	0.0446	0.0486	0.025	-0.227	-0.147	0.008	-0.246	-0.0228	0.00976	-0.933	-0.0624	
-0.251	0.243	0.00169	0.00174	-0.277	0.567	0.152	-0.0164	0.0749	0.0804	-0.066	-0.2844	-0.0181	-0.117	0.00984	0.00738	-1.49	0.0585	
-0.239	0.162	0.0103	0.0107	0.596	0.0182	0.0657	0.067	0.0294	-0.0657	-0.305	-0.127	-0.0181	-0.22	-0.00274	-0.00275	-1.08	0.00673	
-0.233	0.423	-0.00157	-0.0389	0.677	0.212	0.025	0.0207	0.0829	-1.79E-08	-0.213	-0.209	-0.02136	-0.157	0.0109	0.00821	-2.28	0.0616	
-0.19	0.405	-0.0169	0.03	0.919	-0.017	0.0224	0.116	0.0678	0.0574	-0.009	-0.26	-0.0314	-0.277	0.00411	-0.00205	-1.34	-0.0693	
-0.239	-0.04	-0.00703	-0.00727	0.624	-0.0898	0.1	0.0634	0.0651	0.0572	-0.179	-0.227	0.0059	-0.194	-0.0316	-0.0122	1.15	-0.00465	
-0.367	0.304	-0.00144	-0.0357	0.438	0.0228	0.144	0.0855	0.029	0.0268	-0.4604	-0.217	-0.00943	-0.117	0.0046	0.0253	0.532	-0.0559	
-0.295	0.977	-0.0197	0.00341	0.742	-0.0957	0.0569	0.0501	0.026	-0.0533	-0.327	-0.227	-0.02067	-0.262	0.00443	-0.0111	0.409	0.0459	
0.0159	0.123	-0.023	0.0214	0.375	-0.0808	0.292	0.106	0.0178	-0.0888	-0.142	-0.163	-0.02034	-0.142	0.0149	0.0056	0.272	0.00335	
0.131	0.257	0.0241	-0.0286	0.0924	0.173	0.238	0.0543	-0.0139	0.0541	-0.202	-0.166	-0.01273	-0.147	0.0202	0.00607	-0.294	0.0519	
-0.0401	0.529	0.0506	0.0146	0.744	0.19	0.0237	0.0737	0.0284	0.0617	-0.196	-0.3424	-0.0407	-0.2959	0.00661	0	0.432	0.0188	
0.131	0.24	-0.0126	-0.0549	0.933	0.258	0.0894	0.0676	0.0443	-0.00424	-0.138	-0.11	-0.0037	-0.172	-0.00202	0.00202	0.0867	0.0591	
0.102	0.147	0.0195	0.0111	1.13	-0.136	0.103	0.075	0.0258	0	-0.193	-0.047	-0.002	-0.155	-0.00603	-0.00402	0.685	-0.0563	
0.0854	0.0631	-0.0327	-0.03	0.178	0.109	-0.00913	0.074	0.088	0.0322	0.175	-0.109	0.0104	-0.17	-0.00186	-0.00187	0.61	0.0274	
0.0689	-0.0847	-0.0475	0.0546	1.22	-0.0075	0.0344	0.116	0.0763	0.00000001	-0.085	-0.279	0.0019	-0.135	-0.00386	-0.00386	-0.319	0.0742	
0.0955	0.235	0.0165	-0.05	1.25	0.0339	-0.0152	-0.0557	0.0422	-0.000915	-0.252	-0.127	-0.0008	-0.181	0	0	1.15	0.0553	
0.0358	-0.0172	-0.00127	0.00922	0.977	0.0936	-0.00804	0.0655	0.0319	0.0541	-0.201	-0.062	-0.0075	-0.12	-0.00207	0.00831	0.311	0.0462	
0.0423	0.0631	-0.0312	0.0111	2.47	0.113	0.00872	0.0406	0.0975	-0.0958	-0.089	-0.189	0.0019	-0.17	-0.00169	0.0119	0.207	-0.0401	
-0.00604	0.0295	-0.0171	0.049	1.34	0.275	0.0205	0.0533	-0.00298	-0.000946	-0.144	-0.249	0.0164	-0.196	-0.00188	0	0.605	-0.035	
-0.151	0.0298	0.014	-0.0181	1.1	0.106	0.0197	-0.0139	-0.0141	0.0667	-0.055	-0.158	-0.01581	-0.147	-0.0202	-0.0331	0.4	0.0607	
-0.154	-0.258	-0.019	-0.00262	1.38	0.407	0.193	0.071	-0.0147	0.0166	-0.247	-0.154	0.011	-0.189	-0.00421	0.04	0.741	0.0529	
0	-0.0611	-0.0191	0.0355	1.7	0.00626	0.117	0.0957	0.114	0	-0.4536	-0.209	0.0021	-0.222	0.0059	0.00985	1.05	-0.0743	
-0.085	0.528	-0.00505	0.0154	1.54	0.17	0.135	0.0415	0.0976	-0.000909	-0.172	-0.126	0.0106	-0.194	0.0108	0.0012	-0.0507	-0.0709	
0.0304	-0.184	0.0303	0.00513	1.42	0.15	0.135	0.0238	0.0584	-0.0826	-0.259	-0.261	-0.02057	-0.228	0.0137	0.00784	1.19	-0.0661	
0	-0.359	0.00865	-0.0128	1.59	0.139	0.0199	0.0349	0.0495	0.0198	-0.235	-0.208	-0.02044	-0.135	0.00396	-0.00396	1.43	0.0065	
-0.128	-0.595	0.00671	0.0313	1.82	0.182	0.0262	0.077	0.071	0.0781	-0.203	-0.15	-0.01138	-0.204	-0.0336	-0.00988	0.136	0.0459	
-0.243	0.392	0.0118	0.0168	0.601	-0.0295	0.129	0.0601	0.05	-0.015	-0.264	-0.138	-0.00982	-0.2	0.0133	0.0111	-0.461	-0.0641	
0.0206	0.196	0.0267	-0.00143	2.1	0.104	0.0309	0.019	-0.0104	0.0665	-0.022	-0.163	-0.01212	-0.12	0.00755	-0.00252	0.774	0.0637	Detected
-0.0552	0.0763	0.0054	-0.0324	1.74	0.262	-0.00184	0.0616	0.113	0.0216	-0.241	-0.214	0.0014	-0.217	0.00668	0	1.01	0.0471	
0.132	-0.102	-0.0114	-0.0557	1.42	0.33	0.026	0.0707	0.0687	-0.00746	-0.012	0.05	-0.0002	0.039	0.0117	0	27.2	0.063	
-0.0506	-0.0983	0.043	-0.00138	1.49	-0.0875	0.204	0.122	0.0699	-0.0738	-0.193	-0.172	-0.0409	-0.125	0.00366	0.00732	-0.101	-0.0671	
-0.126	0.0901	-0.0236	0.0548	1.7	0.188	0.0197	-0.0115	0.13	0.00438	-0.277	-0.192	-0.01013	-0.22	0	0.0198	0.0648	0.021	
0	-0.0221	-0.0388	-0.033	0.625	-0.00938	0.0499	0.0278	0.0456	ND	-0.179	-0.155	0.0139	-0.153	-0.0206	-0.0195	0.154	0.0167	95% UCL

Survey Unit 7D
Radiation Control Area Final Status Survey Data

H3	D_H3	C14	D_C14	Na22	D_Na22	Co60	D_Co60	Ni63	Sr90	Cs137	Eu152	Eu154	Eu155	Ra226	U234	U235	U238	Pu238	Pu239	Pu241	Am241
-0.105	0	-0.311	0	0.0203	1	0.00621	0	1.13	-0.0154	0	-0.0445	0.0438	-0.00382	-0.279	-0.158	0.0147	-0.034	-0.00817	-0.00273	1.91	0.0469
0.152	0	-0.324	0	0.0242	1	-0.0132	0	0.275	0.0629	0.0149	0.0755	0.0282	0.0257	-0.038	-0.119	0.0162	-0.069	-0.0109	0.00815	-1.34	0.0306
-0.0166	0	-0.131	0	-0.0382	0	0.0192	1	-0.193	0.0701	0.0831	0.0781	0.0247	0.03	0.009	-0.114	0.0209	-0.122	0.0211	0.00705	-0.94	-0.014
0.0437	0	-0.125	0	0.0215	0	0.0309	1	0.0393	-0.0368	0.0192	0.0945	0.0648	0.00357	-0.059	-0.269	-0.0415	-0.261	0.00308	-0.00616	1	0.0852
0.144	0	-0.689	0	-0.0126	0	-0.0447	0	0.193	0.35	0.00298	0.0403	0.0232	0	-0.23	-0.19	-0.0181	-0.161	0.0248	-0.00677	-0.108	0.0472
0.167	1	0.212	0	-0.0385	0	-0.0369	0	-0.16	0.0736	-0.0162	0.0779	0.0712	-0.00216	-0.389	-0.279	-0.0399	-0.214	0.017	-0.00212	0.27	0.0669
0.104	0	-0.0135	0	0.00663	0	-0.0479	0	0.273	0.116	0.024	0.0954	0.026	-0.000469	-0.4541	-0.145	-0.02322	-0.109	0	0.0161	-0.95	-0.0646
0.458	1	0.0341	0	0.0172	0	-0.00483	0	0.248	0.0901	0.0971	0.0363	0.0763	0.0683	-0.172	-0.031	0.0409	0.05	-0.00406	0	-1.58	0.0311
0.283	1	0.152	0	-0.0063	0	0.00947	0	0.844	-0.0326	0.0308	0.292	0.202	0.0337	-0.077	-0.195	-0.02629	-0.255	0.0044	-0.0044	0.639	-0.0725
0.141	0	0.153	0	-0.00396	0	0.00963	0	-0.128	0.0572	0.0254	0.0802	0.0653	0.0561	-0.224	-0.252	-0.0096	-0.22	-0.0341	-0.0131	-0.231	0.0478
0.211	1	0.234	0	0.0103	0	0.0213	0	0.73	0.217	0.0797	0.0494	0.0407	0.0542	-0.25	-0.2867	-0.00879	-0.16	0.00594	0.00892	1.3	-0.0585
0.0304	0	0.183	0	-0.0148	0	0	0	0.948	0.0271	0.0334	0.0915	0.1	-0.0929	-0.387	-0.199	-0.0046	-0.101	0.0448	0.00299	0.643	0.0654
-0.0329	0	0.61	1	-0.0504	0	-0.0544	0	0.965	-0.0463	0.0313	0.0619	0.0522	0.0795	-0.069	-0.19	0.013	-0.145	0.0102	0.00613	-1.72	-0.0739
-0.15	0	0.501	0	-0.00312	0	-0.0355	0	1.13	0.0308	0.146	0.0605	0.0741	-0.0964	-0.183	-0.129	-0.0014	-0.189	0	0.00593	-1.11	0.0601
0.138	0	0.577	1	0.0181	1	0.0343	1	1.35	0.124	0.0832	0.00143	0.0671	0	-0.264	0.014	-0.0059	-0.092	0.00202	0.00608	-0.825	-0.0292
0.0522	0	-0.219	0	-0.0137	0	-0.0535	0	1.5	0.05	0	0.0537	-0.0326	-0.0726	-0.417	-0.148	-0.006	-0.151	0.034	0.00243	0.875	-0.0566
-0.0496	0	0.251	0	0.0164	0	-0.00297	0	0.276	0.144	0.0219	0.0652	0.0378	0.0337	-0.2	-0.158	-0.00948	-0.071	-0.00469	0.00469	-0.992	0.0258
0.0798	0	-0.308	0	-0.0295	0	0.0131	0	1.11	0.118	0.0476	-0.00893	0.082	-0.00455	-0.096	-0.206	-0.0027	-0.214	-0.0024	0	1.43	-0.0635
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0.18	1	-0.195	0	-0.0119	0	-0.0231	0	1.32	0.112	0.0266	0.15	0.0484	-0.0779	-0.158	-0.211	-0.01538	-0.216	0.0205	0	-1.25	-0.0749
-0.0734	0	0.119	0	0.0153	0	0.0295	1	1.36	-0.0667	-0.0204	0.181	-0.00377	0.0294	-0.295	-0.1	-0.0004	-0.049	-0.0116	-0.00482	-0.365	-0.0491
0.0798	0	0.894	1	0.00834	0	-0.0108	0	0.89	-0.193	0.0949	0.149	0.104	-0.00441	-0.184	-0.068	0.0071	-0.149	0.00579	0	-0.505	-0.0686
-0.0286	0	0.219	0	0.0354	1	0.0263	1	-0.0142	0.0884	0.147	0.0454	0.0734	-0.0733	-0.136	-0.142	-0.01025	-0.105	-0.0219	-0.0199	-1.02	-0.0573
0.0278	0	0.257	0	-0.0158	0	-0.0377	0	1.13	0.137	0.0281	0.0352	0.0612	0.0392	-0.16	-0.026	-0.0011	0.012	-0.0045	-0.0045	-0.89	-0.0587
-0.0413	0	0	0	0.0294	1	-0.00336	0	1.21	0.0555	0.0349	0.0974	0.0615	-0.093	-0.081	-0.193	0.0123	-0.12	0.00411	0.00411	0.27	-0.0802
-0.0298	0	0.0632	0	0.0135	0	-0.0471	0	2.46	0.0734	0.0293	0.0776	0.0102	0.0553	-0.261	-0.169	0.03	-0.134	-0.0175	-0.0175	-0.109	0.00865
-0.0452	0	0.286	0	-0.0219	0	0.0279	1	1.74	0.0615	0.00343	0.0111	0.0421	0.0607	-0.22	-0.241	-0.01002	-0.114	0.0141	-0.00235	-0.124	0.0244
0.158	1	-0.0501	0	-0.00846	0	0.0413	1	1.97	0.266	0.101	0.234	0.0441	-0.00288	-0.4533	-0.142	0.0138	-0.198	0	0	-0.411	-0.044
0.205	1	0.203	0	0	0	0.0143	0	2.89	0.265	0.0291	0.0779	0.0283	0.0313	-0.272	-0.106	1E-04	-0.054	0.00636	0	-1.61	-0.0479
0.201	1	-0.0365	0	0.0243	1	-0.00876	0	2.24	0.272	-0.000509	0.065	0.0485	-0.0714	-0.225	-0.19	-0.01566	-0.085	0.0137	-0.00586	-0.624	0.0594
0.253	1	0.0445	0	0.0344	1	0	0	1.46	0.0643	0.149	0.0744	0.0334	-0.0883	-0.142	-0.001	0.0171	-0.028	0.021	0.00957	-0.95	-0.0247
0.233	1	0.0959	0	-0.0614	0	0.02	1	2.59	0.285	-0.0323	0.0699	0.0407	0	-0.4365	-0.196	-0.011	-0.234	0.00567	0.00757	-0.642	-0.0309
0.26	1	0.167	0	-0.00603	0	0.0099	0	2.06	0.0729	-0.0419	0.207	0.0386	0.0579	-0.176	-0.249	0.0077	-0.181	0.0121	-0.00603	-0.519	0.0386
0.173	1	-0.428	0	0.0482	1	-0.0135	0	1.86	0.48	0.537	0.0551	0.06	0.0135	-0.145	-0.124	0.0401	-0.126	-0.00628	0.00419	0.404	0.068
0.161	1	-0.157	0	0.0132	0	-0.0595	0	0.845	0.223	0.208	0.163	-0.0383	0	-0.165	-0.133	-0.01066	-0.227	-0.00195	-0.00195	0.389	0.0603
0.215	1	0.468	0	-0.00443	0	0.0112	0	2.14	-0.102	0.152	0.0637	0.0749	-0.0513	-0.293	-0.176	-0.02086	-0.218	0.0158	0.00592	-0.272	-0.0293
0.111	0	0.201	0	-0.0327	0	0.00818	0	1.57	0.0201	0.137	-0.0476	0.127	-6.29E-09	-0.252	-0.172	0.0377	-0.071	0.0313	0.00588	-1.51	-0.0572
0.236	1	-0.202	0	-0.0468	0	0.0161	0	2.08	-0.0215	-0.00105	-0.0209	0.0291	-0.0964	-0.158	-0.001	-0.01041	-0.041	0.011	0.00548	-0.622	0.0145
0.115	0	-0.102	0	0.0242	1	-0.00115	0	1.53	-0.171	0.0258	-0.0424	0.0599	0.0683	-0.012	-0.106	-0.0011	-0.158	0.0135	0.0154	-0.829	0.0373
0.161	1	0.365	0	-0.0065	0	0.0236	1	1.83	0.365	0.45	0.0467	0.0488	0	-0.146	-0.075	-0.0076	-0.072	-0.0286	0.0066	-0.943	0.0371
0.0992	0	-0.384	0	0.0252	1	-0.0488	0	2.79	0.0976	0.537	0.138	0.0578	0	-0.217	-0.1	0.0273	-0.101	0.00397	0.0377	-0.518	-0.0449
0.0938	0	0.187	0	0.0335	1	0	0	0.0723	0.174	0.00344	0.159	0.0197	0.0715	-0.14	-0.236	-0.0016	-0.331	-0.00195	-0.00587	-0.0957	0.0489
0.146	0	-0.0944	0	0	0	0.0123	0	0.163	0.0605	0.000928	0.231	0.0479	0.0919	0.068		0.0055	0.037	-0.00238	0	0.184	0.077
-0.0852	0	0.279	0	-0.0386	0	0.0277	0	-0.0332	0.218	-0.0134	0.137	0.0751	-0.000927	0.33		-0.0181	-0.057	-0.00729	-0.00487	-1.86	-0.0939
0.0376	0	0.405	0	-0.0116	0	-0.000303	0	-0.0926	0.0588	0.0315	0.0604	0.0153	0	0.231		0.0237	0.3	0.00699	-0.00233	-1.13	-0.0891
0.0547	0	0.392	0	0.00543	0	0.00377	0	0.404	0.0888	0.15	0.00949	0.0664	-0.000494	-0.158	0.213	0.0395	0.189	-0.00219	-0.00219	-0.167	-0.0499
0.211	1	-0.0466	0	-0.0658	0	0.0253	1	0.463	0.138	-0.000289	0.143	0.119	-0.0249	-0.173		-0.02091	-0.242	-0.00946	-0.00237	-1.19	-0.0588
-0.0524	0	0.553	0	0	0	0.0257	1	-0.0979	0.101	-0.00473	0.0414	0.0764	0.0424	-0.232		-0.02067	-0.237	0.00433	0.0065	-0.971	-0.0265
0.204	1	0.587	0	-0.0461	0	0	0	0.0726	0.082	-0.0183	-0.0522	0.0507	0.0257	-0.268		-0.0181	-0.276	-0.00478	-0.00717	-1.85	0.026
-0.111	0	0.938	1	0.0321	1	0.0475	1	0.836	0.13	0.0402	0.0802	0.0526	0.052	-0.178	-0.143	-0.02354	-0.135	0.0136	-0.0039	0	0.047
-0.13	0	0.478	0	0.0249	1	-0.0226	0	1.12	0.083	0.413	0.0755	0.136	-0.0738	-0.096	0.022	1E-04	-0.016	-0.0239	-0.024	-0.31	-0.0631
-0.16	0	0.502	0	-0.0143	0	-0.012	0	0.952	0.341	0.0326	0.111	0.0174	0.0336	0.182	0.028	-0.0104	0.009	0.0262	0.0131	-0.907	-0.0744
-0.0059	0	0.686	1	0.0271	0	0.0123	0	0.762	0.283	0.291	0.0858	0.108	-0.124	0.077	-0.014	0.0105	0.164	0.0136	-0.00271	-1.01	-0.0941
-0.195	0	0.896	1	0.029	1	0.00684	0	0.17	0.305	0.141	0.151	0.0536	-0.0966	0.069	0.09	0.0155	0.101	0	0.0389	-1.06	-0.0252
-0.0694	0	0.382	0	0.0103	0	-0.00655	0	0.853	0.429	-0.0354	0.0554	0.0727	0.00744	-0.22	-0.132	0.0073	-0.173	-0.00759	0.0076	-0.716	-0.0195
-0.0101	0	-0.42	0	-0.0494	0	0.0334	1	0	-0.175	0.0012	0.0384	0.0342	0.0182	-0.35	-0.187	0.004	-0.059	0.0154	-0.00439	0.383	-0.053
0.00963	0	-0.0135	0	0	0	-0.0305	0	1.05	-0.0582	-0.0495	0.0474	0.0131	0.022	-0.109	-0.194	0.0008	-0.212	-0.0258	-0.0259	0.897	0.0158
0.211	1	-0.0375	0	-0.046	0	-0.0116	0	0.214	-0.0771	-0.0174	0.0773	0.0528	0.0702	-0.165	-0.206	-0.02462	-0.243	-0.0105	0.0315	-3.61	0.0492
0.127	0	0.467	0	0.00974	0	0.00362	0	0.563	0.0667	-0.00571	0.164	0.0469	0.099	-0.4432	-0.257	-0.0308	-0.28	-0.0125	0.00417	-0.284	0.072
0.193	1	0.491	0	0.0217	0	0.0337	1	0.404	0.117	-0.0163	0.0466	0.0117	-0.0939	-0.177		-0.02278	-0.271	-0.0072	0.00721	-1.8	0.0589
0.0115	0	-0.289	0	0.00838	0	-0.0297	0	-0.321	-0.166	-0.019	0.0499	0.0455	-0.00779	-0.154		0.0024	-0.129	-0.0278	-0.00557	-2.09	0.0511
0.222	1	0.296	0	0.0103	0	0.00544	0	-0.00647	0.0553	0.0214	0.0784	0.0263	0.00198	-0.131		-0.02092	-0.219	-0.053	-0.0228	-2.37	0.0632
0.0802	0	0.986	1	-0.00182	0	-0.0507	0	-1.44	0.0981	-0.0204	0.112	0.0867	0.0663	-0.226	-0.249	-0.02099	-0.159	0.00406	0.00609	0.469	0.0676
0.139	0	-0.438	0	0.0237	0	0.0276	1	0.867	-0.00484	-0.0209	0.0816	0.066	0	-0.231		0.001	-0.229	0.00471	-0.00236	-1.44	-0.0408
0.0976	0	0.635	0	-0.0335	0	0.0338	1	0.15	0.0998	0.0179	0.102	0.0362	0.0649	-0.202		-0.01521	-0.219	-0.00292	0.00292	-2.69	-0.0402
-0.0474	0	0.245	0	0.00548	0	-0.0148	0	0.11	-0.0228	-0.0176	0.0687	0.0292	-0.0315	-0.275		-0.02483	-0.136	-0.00309	-0.0031	-1.34	-0.0549
-0.133		-0.4		-0.037		-0.0278		0.398	-0.0119	0.206	0.147	0.101	ND	0.0215	-0.0699	-0.00977	-0.097	-0.0323	-0.0172	-3.105	-0.025

Detected

Detected

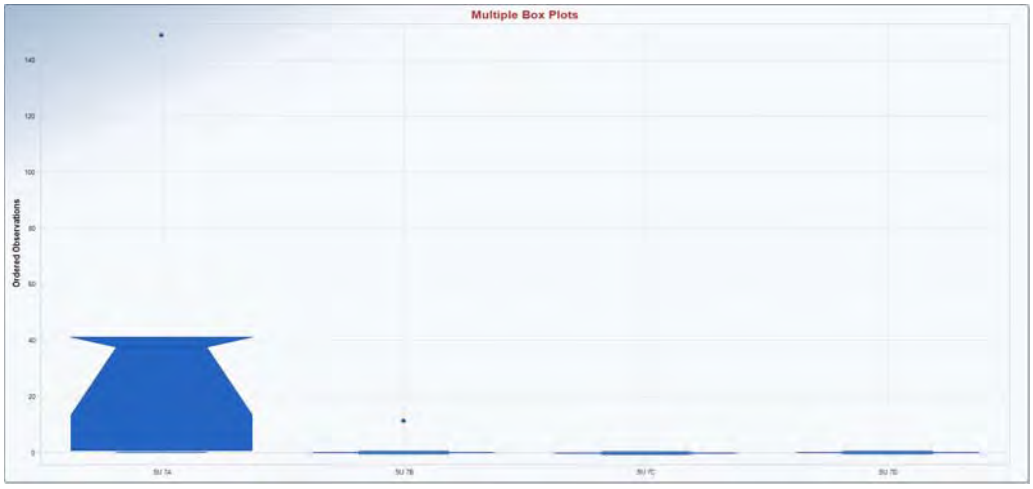
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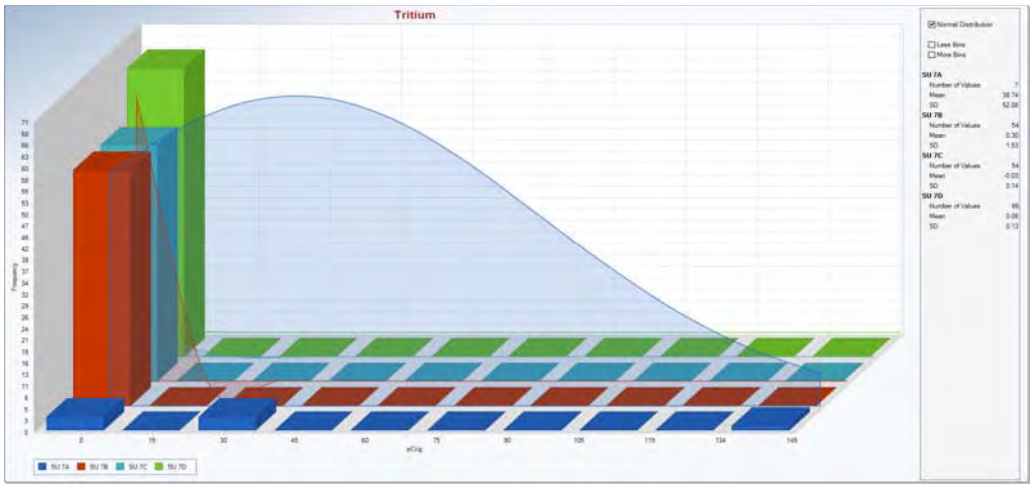
General Statistics for Tritium Data Sets

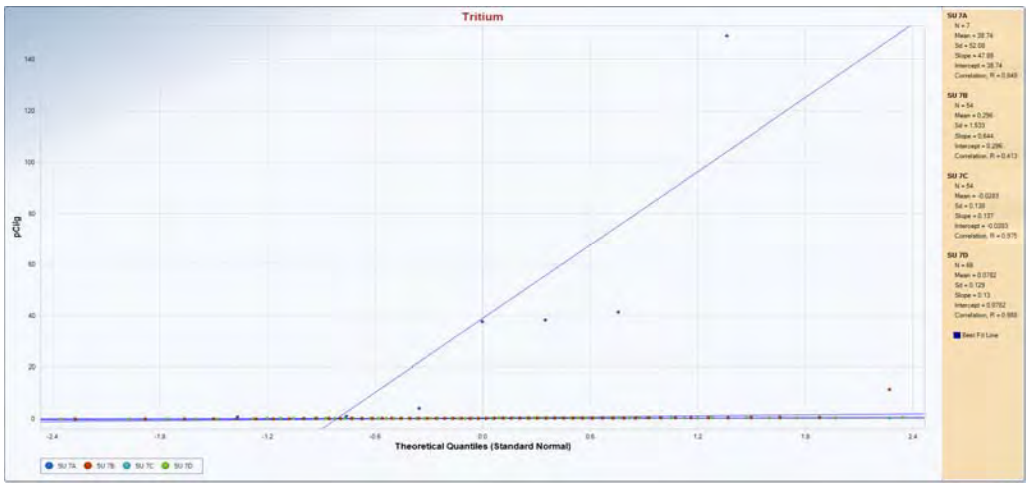
Variable	NumObs	# Missing	Minimum	Maximum	Mean	Geo-Mean	SD	SEM	MAD/0.67	Skewness	CV
SU 7A	7	0	0.513	149	38.74	10.63	52.08	19.68	49.93	1.962	1.344
SU 7B	54	0	-0.224	11.3	0.296	N/A	1.533	0.209	0.169	7.236	5.18
SU 7C	54	0	-0.367	0.18	-0.0283	N/A	0.138	0.0188	0.143	-0.649	-4.882
SU 7D	66	0	-0.195	0.458	0.0782	N/A	0.129	0.0159	0.156	0.0443	1.656

Percentiles for Uncensored Tritium Sets

Variable	NumObs	# Missing	10%ile	20%ile	25%ile(Q1)	50%ile(Q2)	75%ile(Q3)	80%ile	90%ile	95%ile	99%ile
SU 7A	7	0	0.727	1.48	2.395	37.6	39.65	40.58	84.32	116.7	142.5
SU 7B	54	0	-0.131	-0.0435	-0.00817	0.0914	0.224	0.244	0.258	0.358	5.528
SU 7C	54	0	-0.239	-0.152	-0.121	0	0.0813	0.0982	0.132	0.138	0.173
SU 7D	66	0	-0.0951	-0.0452	-0.0295	0.0957	0.172	0.201	0.219	0.249	0.344





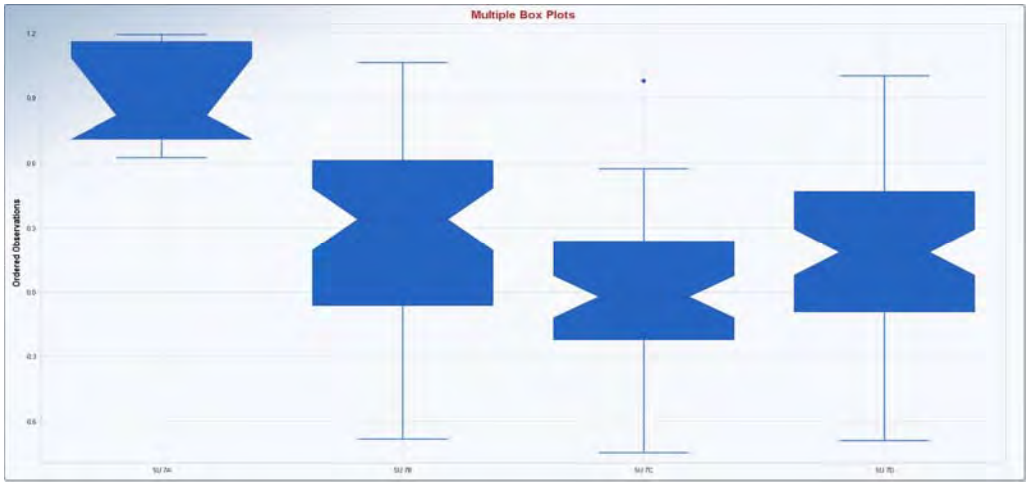


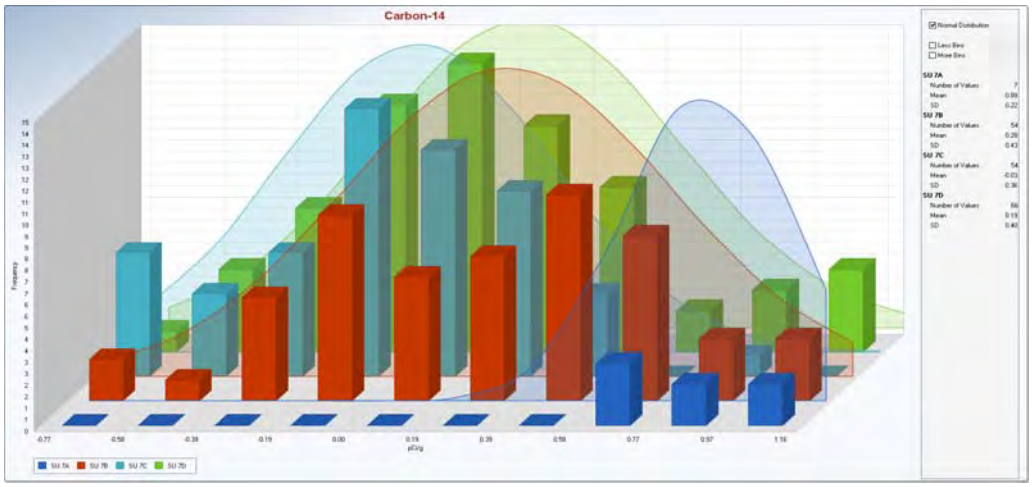
General Statistics for C-14 Data Sets

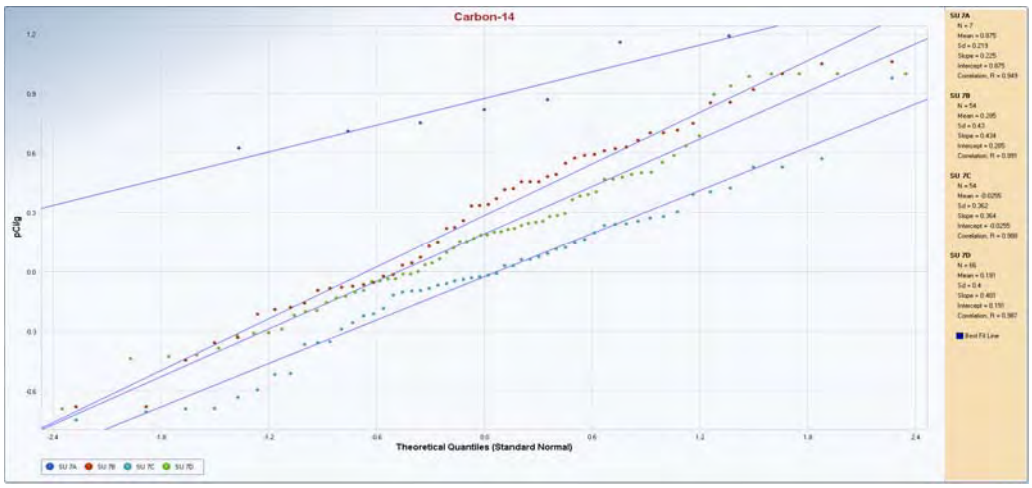
Variable	NumObs	# Missing	Minimum	Maximum	Mean	Geo-Mean	SD	SEM	MAD/0.67	Skewness	CV
SU 7A	7	0	0.626	1.19	0.875	0.853	0.219	0.0827	0.159	0.716	0.25
SU 7B	54	0	-0.68	1.06	0.285	N/A	0.43	0.0585	0.505	-0.236	1.509
SU 7C	54	0	-0.745	0.977	-0.0255	N/A	0.362	0.0492	0.337	-0.0287	-14.19
SU 7D	66	0	-0.689	1	0.191	N/A	0.4	0.0492	0.416	0.344	2.094

Percentiles for C-14 Data Sets

Variable	NumObs	# Missing	10%ile	20%ile	25%ile(Q1)	50%ile(Q2)	75%ile(Q3)	80%ile	90%ile	95%ile	99%ile
SU 7A	7	0	0.677	0.719	0.732	0.818	1.015	1.102	1.172	1.181	1.188
SU 7B	54	0	-0.207	-0.0815	-0.0629	0.338	0.607	0.645	0.821	0.947	1.055
SU 7C	54	0	-0.572	-0.315	-0.22	-0.0221	0.225	0.249	0.401	0.528	0.762
SU 7D	66	0	-0.31	-0.131	-0.0833	0.185	0.452	0.491	0.791	0.997	1





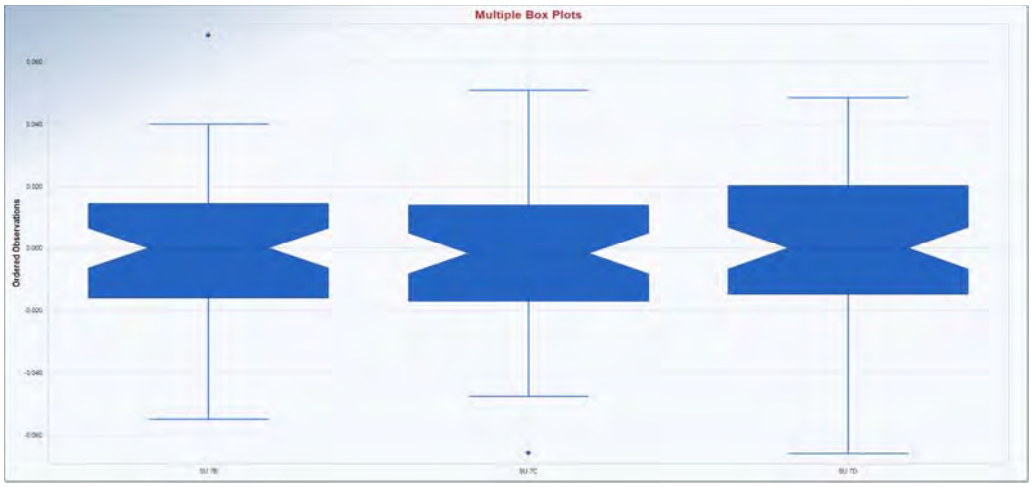


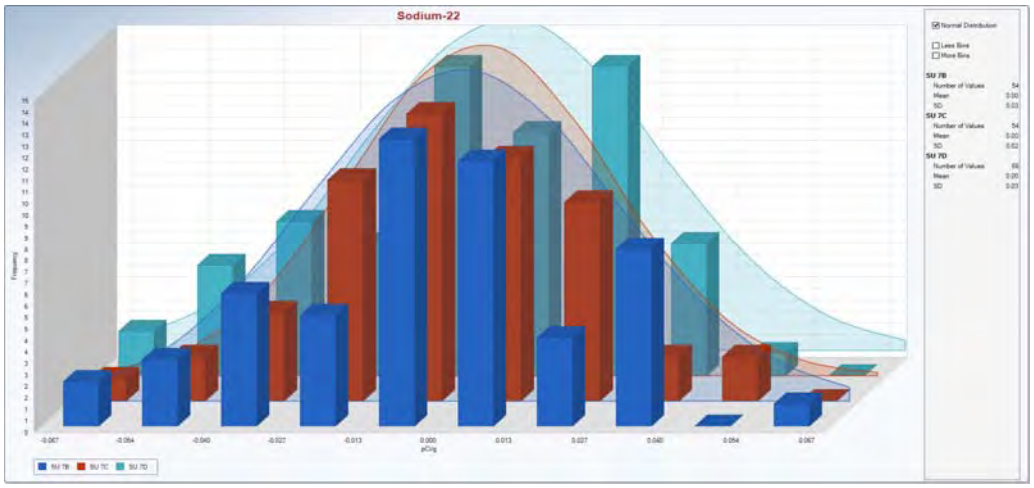
General Statistics for Na-22 Data Sets

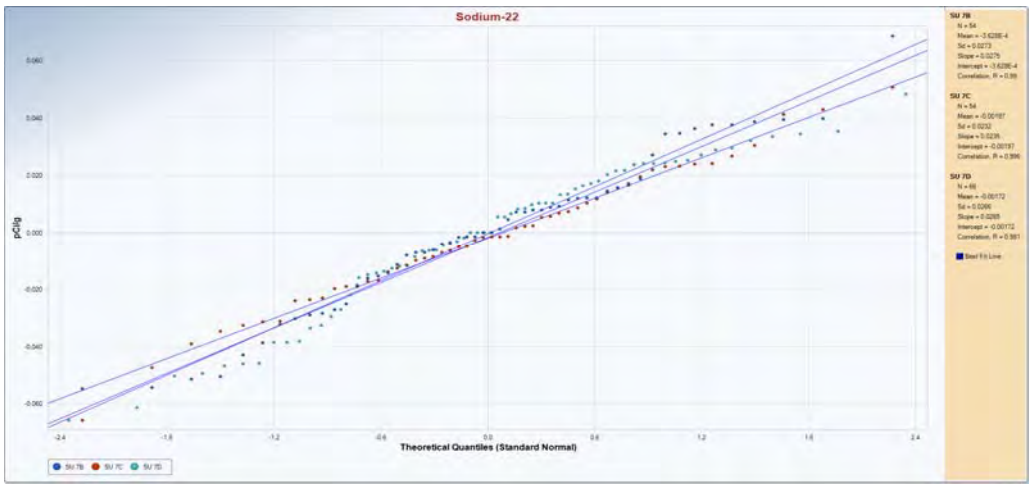
Variable	NumObs	# Missing	Minimum	Maximum	Mean	Geo-Mean	SD	SEM	MAD/0.67	Skewness	CV
SU 7B	54	0	-0.0547	0.0685	-3.63E-04	N/A	0.0273	0.00372	0.023	-0.0587	-75.29
SU 7C	54	0	-0.0658	0.0506	-0.00197	N/A	0.0232	0.00315	0.0231	-0.141	-11.78
SU 7D	66	0	-0.0658	0.0482	-0.00172	N/A	0.0266	0.00327	0.0262	-0.557	-15.46

Percentiles for Na-22 Data Sets

Variable	NumObs	# Missing	10%ile	20%ile	25%ile(Q1)	50%ile(Q2)	75%ile(Q3)	80%ile	90%ile	95%ile	99%ile
SU 7B	54	0	-0.0368	-0.0259	-0.0159	0	0.0139	0.0178	0.0372	0.0389	0.0533
SU 7C	54	0	-0.0313	-0.0193	-0.0171	-0.00166	0.0135	0.0177	0.024	0.0341	0.0466
SU 7D	66	0	-0.0423	-0.0271	-0.0147	0	0.0198	0.0237	0.0281	0.0332	0.0399





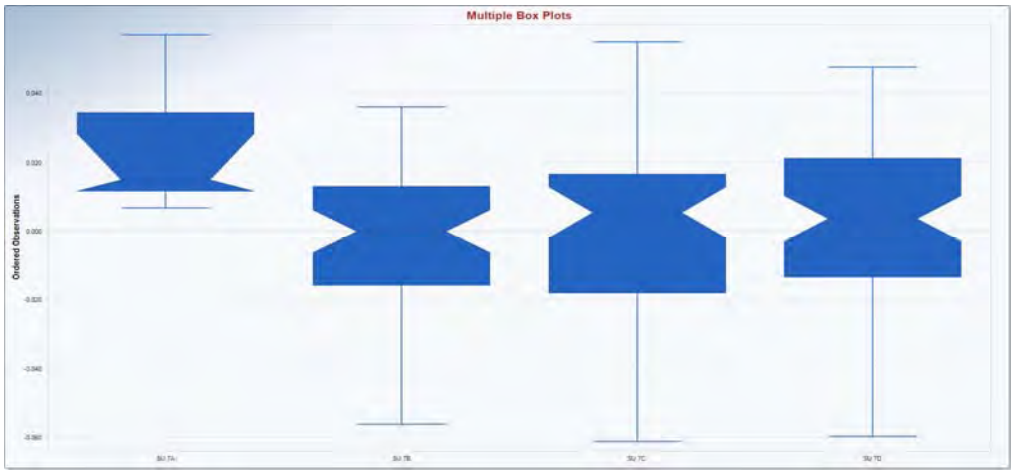


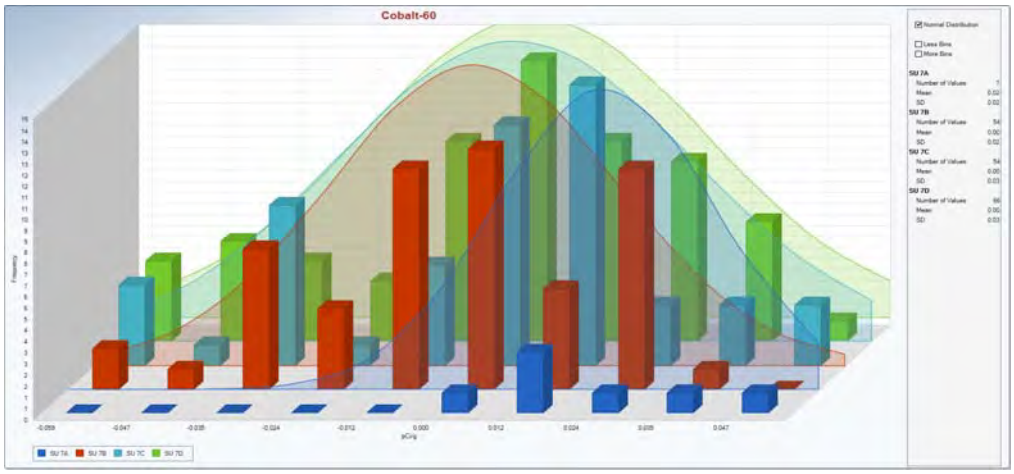
General Statistics for Uncensored Co-60 Data Sets

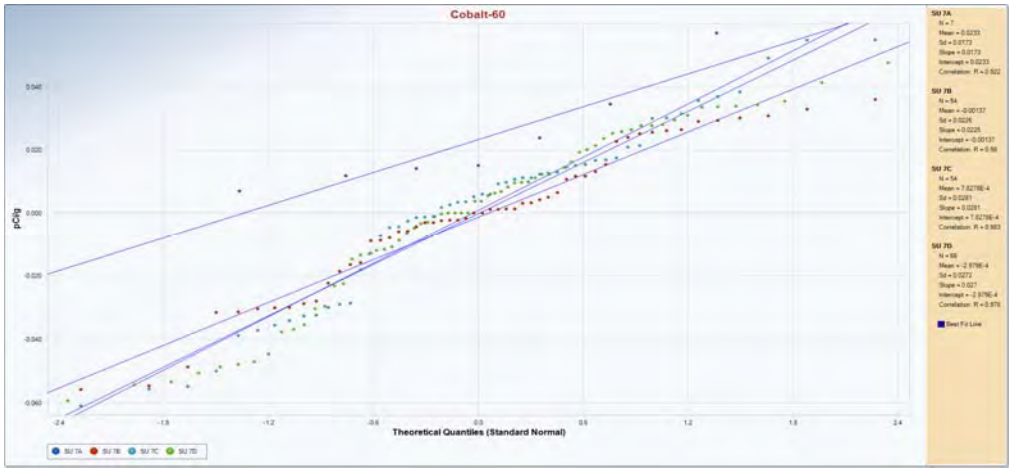
Variable	NumObs	# Missing	Minimum	Maximum	Mean	Geo-Mean	SD	SEM	MAD/0.675	Skewness	CV
SU 7A	7	0	0.00701	0.0569	0.0233	0.0188	0.0173	0.00655	0.0118	1.441	0.745
SU 7B	54	0	-0.0559	0.0359	-0.00137	N/A	0.0226	0.00307	0.0211	-0.464	-16.51
SU 7C	54	0	-0.061	0.0548	7.83E-04	N/A	0.0281	0.00382	0.0184	-0.355	35.86
SU 7D	66	0	-0.0595	0.0475	-2.98E-04	N/A	0.0272	0.00335	0.0258	-0.528	-91.3

Percentiles for Uncensored Co-60 Data Sets

Variable	NumObs	# Missing	10%ile	20%ile	25%ile(Q1)	50%ile(Q2)	75%ile(Q3)	80%ile	90%ile	95%ile	99%ile
SU 7A	7	0	0.00988	0.0123	0.013	0.015	0.0291	0.0323	0.0434	0.0502	0.0556
SU 7B	54	0	-0.0303	-0.0201	-0.0142	0	0.0128	0.0232	0.0282	0.0303	0.0343
SU 7C	54	0	-0.0368	-0.0294	-0.0168	0.00553	0.0163	0.0188	0.0342	0.042	0.0547
SU 7D	66	0	-0.0459	-0.0231	-0.0134	0.0037	0.021	0.0257	0.0322	0.0342	0.0435





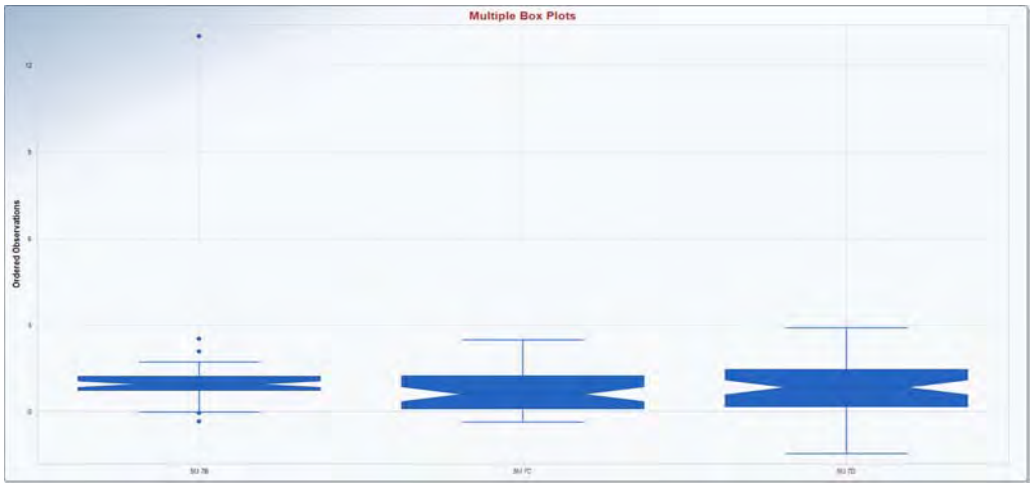


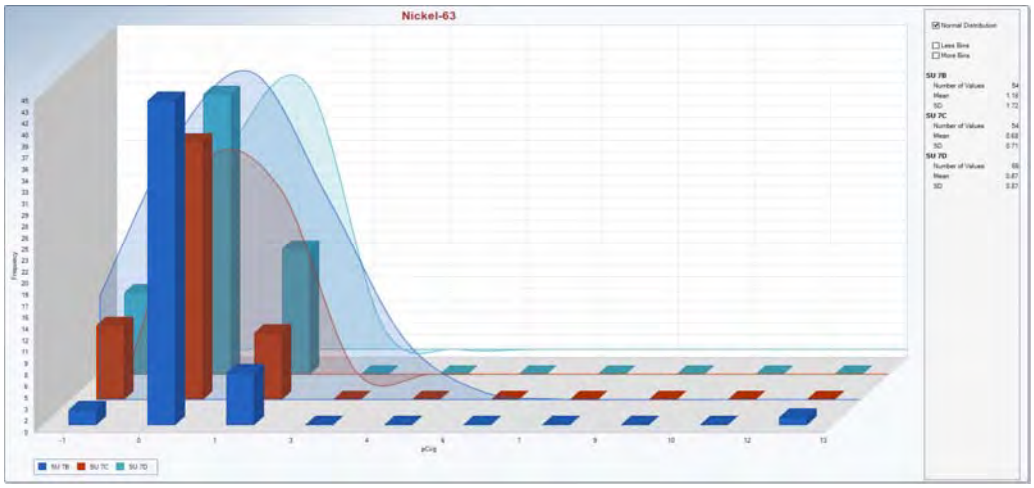
General Statistics for Uncensored Ni-63 Data Sets

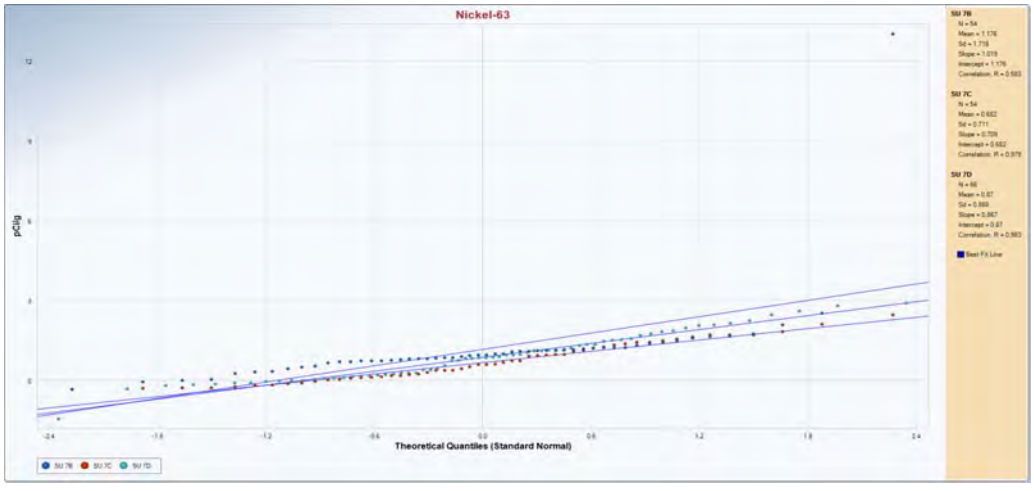
Variable	NumObs	# Missing	Minimum	Maximum	Mean	Geo-Mean	SD	SEM	MAD/0.67	Skewness	CV
SU 7B	54	0	-0.34	13	1.176	N/A	1.718	0.234	0.373	6.358	1.461
SU 7C	54	0	-0.336	2.47	0.682	N/A	0.711	0.0968	0.8	0.446	1.043
SU 7D	66	0	-1.44	2.89	0.87	N/A	0.868	0.107	0.99	0.284	0.999

Percentiles for Uncensored Ni-63 Data Sets

Variable	NumObs	# Missing	10%ile	20%ile	25%ile(Q1)	50%ile(Q2)	75%ile(Q3)	80%ile	90%ile	95%ile	99%ile
SU 7B	54	0	0.326	0.678	0.73	0.951	1.225	1.268	1.634	1.833	7.446
SU 7C	54	0	-0.18	0.039	0.0978	0.599	1.243	1.396	1.667	1.768	2.274
SU 7D	66	0	-0.0629	0.0726	0.165	0.849	1.435	1.57	2.07	2.405	2.825





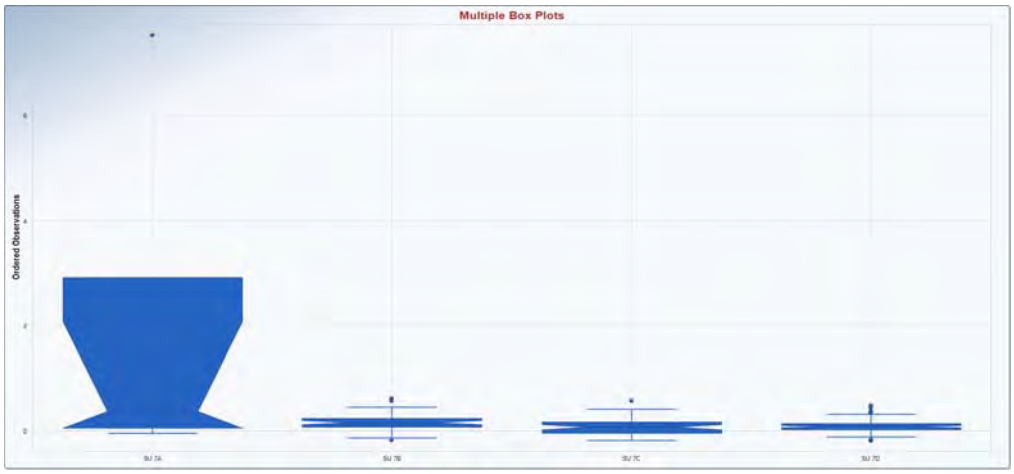


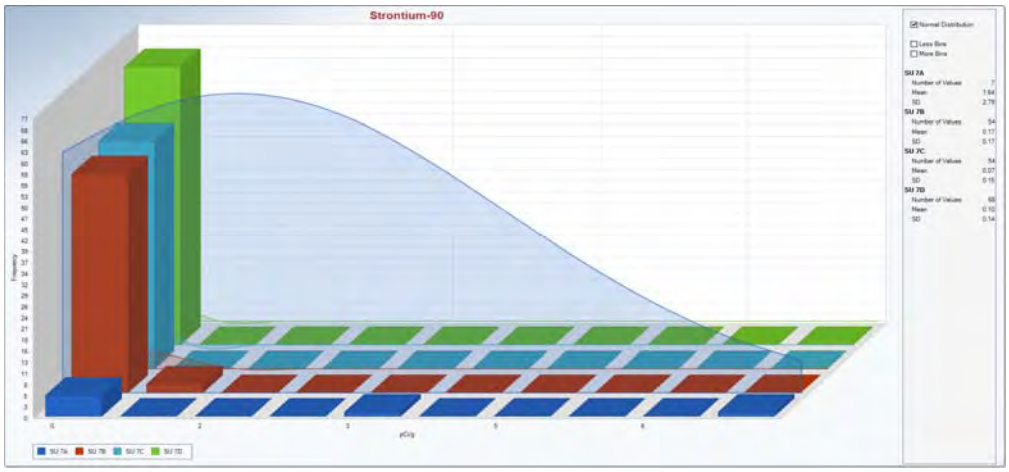
General Statistics for Uncensored Sr-90 Data Sets

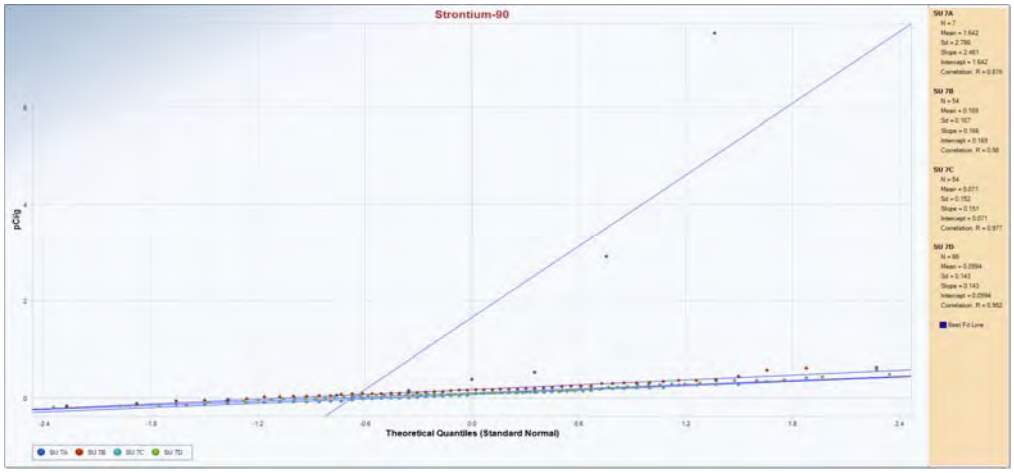
Variable	NumObs	# Missing	Minimum	Maximum	Mean	Geo-Mean	SD	SEM	MAD/0.675	Skewness	CV
SU 7A	7	0	-0.0317	7.52	1.642	N/A	2.786	1.053	0.475	2.045	1.697
SU 7B	54	0	-0.179	0.616	0.169	N/A	0.167	0.0227	0.124	0.675	0.986
SU 7C	54	0	-0.173	0.567	0.071	N/A	0.152	0.0207	0.16	0.736	2.142
SU 7D	66	0	-0.193	0.48	0.0994	N/A	0.143	0.0176	0.0867	0.401	1.442

Percentiles for Uncensored Sr-90 Data Sets

Variable	NumObs	# Missing	10%ile	20%ile	25%ile(Q1)	50%ile(Q2)	75%ile(Q3)	80%ile	90%ile	95%ile	99%ile
SU 7A	7	0	0.0181	0.0704	0.0992	0.372	1.719	2.433	4.754	6.137	7.243
SU 7B	54	0	-0.0126	0.0377	0.0758	0.16	0.24	0.298	0.358	0.485	0.612
SU 7C	54	0	-0.0964	-0.0849	-0.0399	0.0675	0.172	0.189	0.261	0.294	0.482
SU 7D	66	0	-0.0625	-0.0154	0.028	0.0825	0.143	0.218	0.295	0.351	0.447





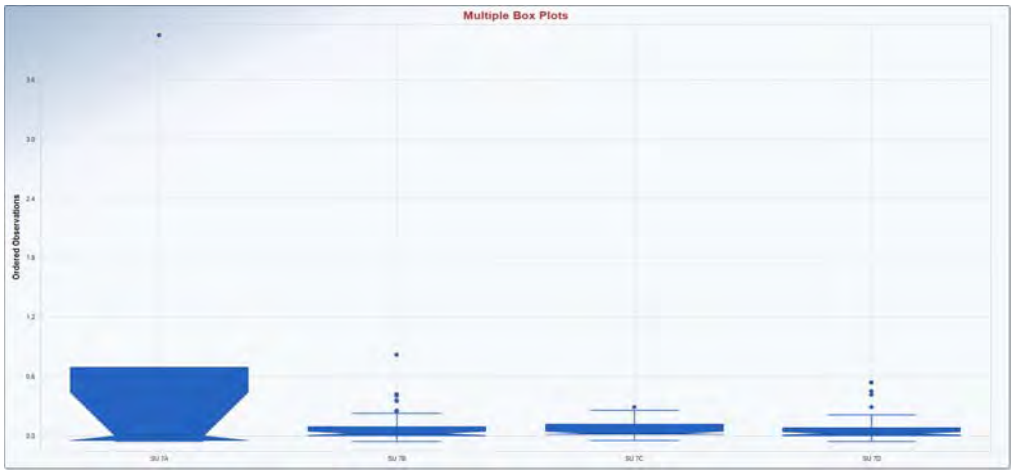


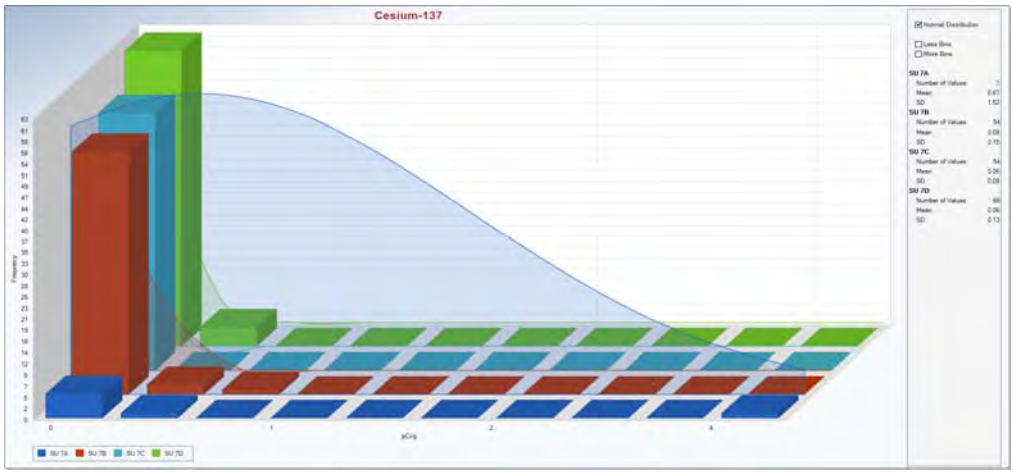
General Statistics for Uncensored Cs-137 Data Sets

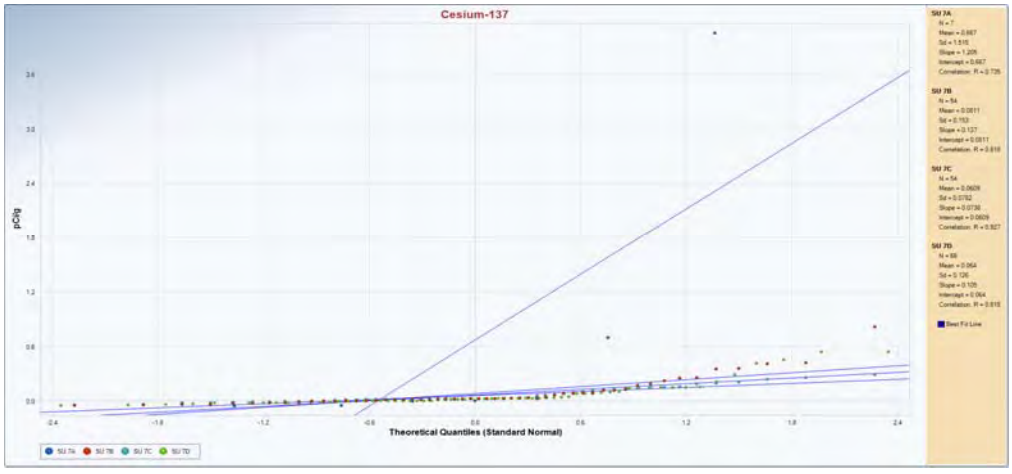
Variable	NumObs	# Missing	Minimum	Maximum	Mean	Geo-Mean	SD	SEM	MAD/0.675	Skewness	CV
SU 7A	7	0	-0.0529	4.05	0.667	N/A	1.515	0.573	0.0757	2.488	2.272
SU 7B	54	0	-0.0509	0.812	0.0811	N/A	0.153	0.0208	0.0488	2.745	1.88
SU 7C	54	0	-0.0439	0.292	0.0609	N/A	0.0782	0.0106	0.0435	1.215	1.283
SU 7D	66	0	-0.0495	0.537	0.064	N/A	0.126	0.0155	0.0508	2.503	1.968

Percentiles for Uncensored Cs-137 Data Sets

Variable	NumObs	# Missing	10%ile	20%ile	25%ile(Q1)	50%ile(Q2)	75%ile(Q3)	80%ile	90%ile	95%ile	99%ile
SU 7A	7	0	-0.0506	-0.0399	-0.0261	0.00207	0.361	0.563	2.038	3.044	3.849
SU 7B	54	0	-0.0227	-0.00192	6.18E-04	0.0241	0.0923	0.121	0.254	0.373	0.603
SU 7C	54	0	-0.0088	0.00691	0.0161	0.0251	0.114	0.131	0.177	0.216	0.273
SU 7D	66	0	-0.0197	-0.0134	-9.15E-04	0.0247	0.0832	0.101	0.151	0.383	0.537





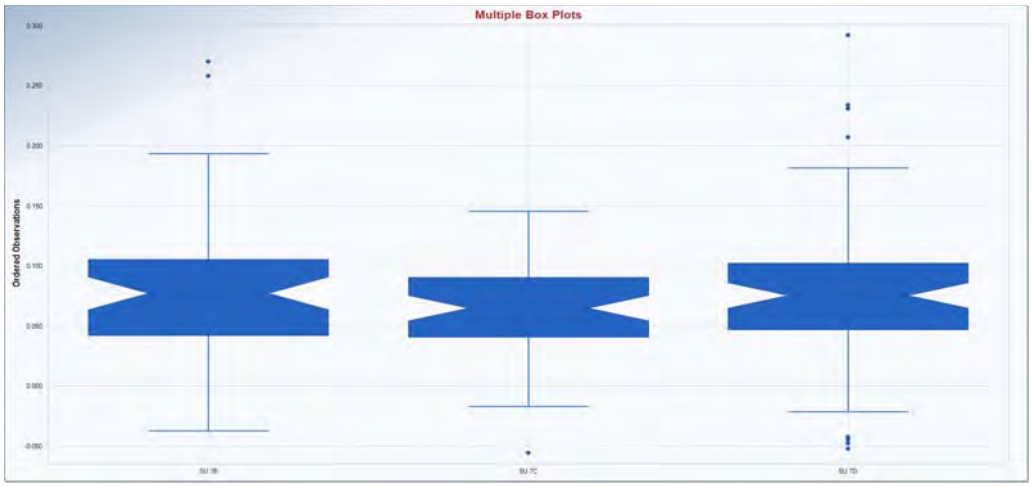


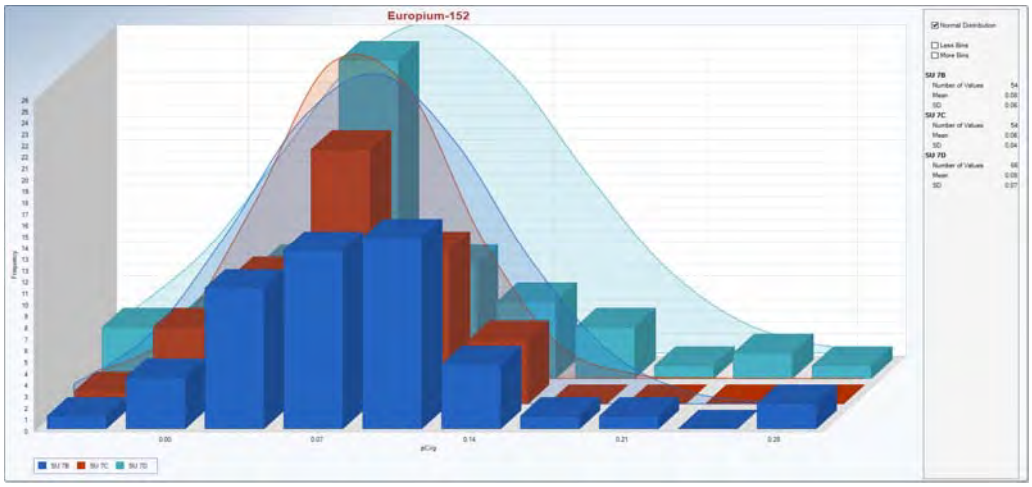
General Statistics for Uncensored Eu-152 Data Sets

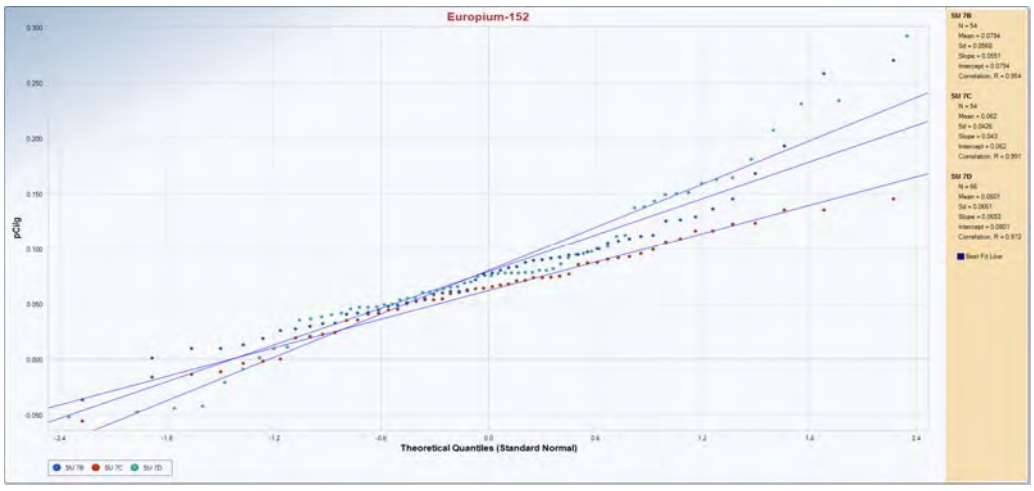
Variable	NumObs	# Missing	Minimum	Maximum	Mean	Geo-Mean	SD	SEM	MAD/0.67	Skewness	CV
SU 7B	54	0	-0.0367	0.27	0.0794	N/A	0.0568	0.00773	0.0457	1.228	0.715
SU 7C	54	0	-0.0557	0.145	0.062	N/A	0.0426	0.0058	0.0367	-0.391	0.687
SU 7D	66	0	-0.0522	0.292	0.0801	N/A	0.0661	0.00814	0.0422	0.622	0.826

Percentiles for Uncensored Eu-152 Data Sets

Variable	NumObs	# Missing	10%ile	20%ile	25%ile(Q1)	50%ile(Q2)	75%ile(Q3)	80%ile	90%ile	95%ile	99%ile
SU 7B	54	0	0.021	0.0373	0.0425	0.0772	0.104	0.11	0.134	0.177	0.264
SU 7C	54	0	-0.00115	0.0305	0.0408	0.0648	0.0894	0.0937	0.116	0.127	0.14
SU 7D	66	0	0.00546	0.0414	0.0469	0.0755	0.101	0.137	0.161	0.201	0.254





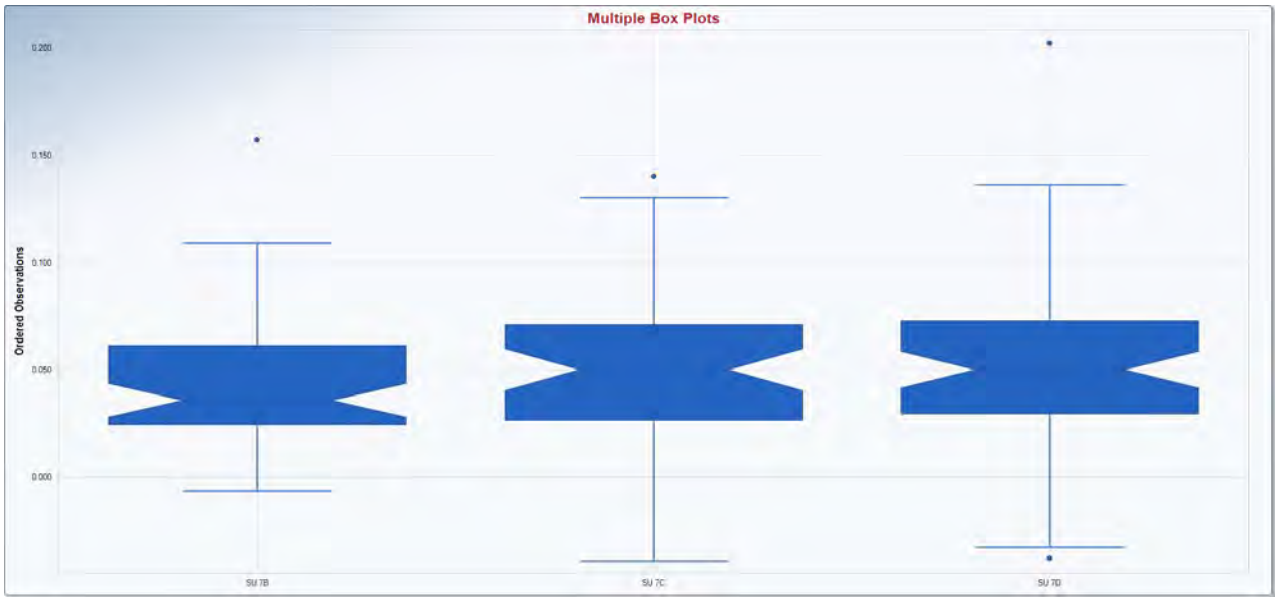


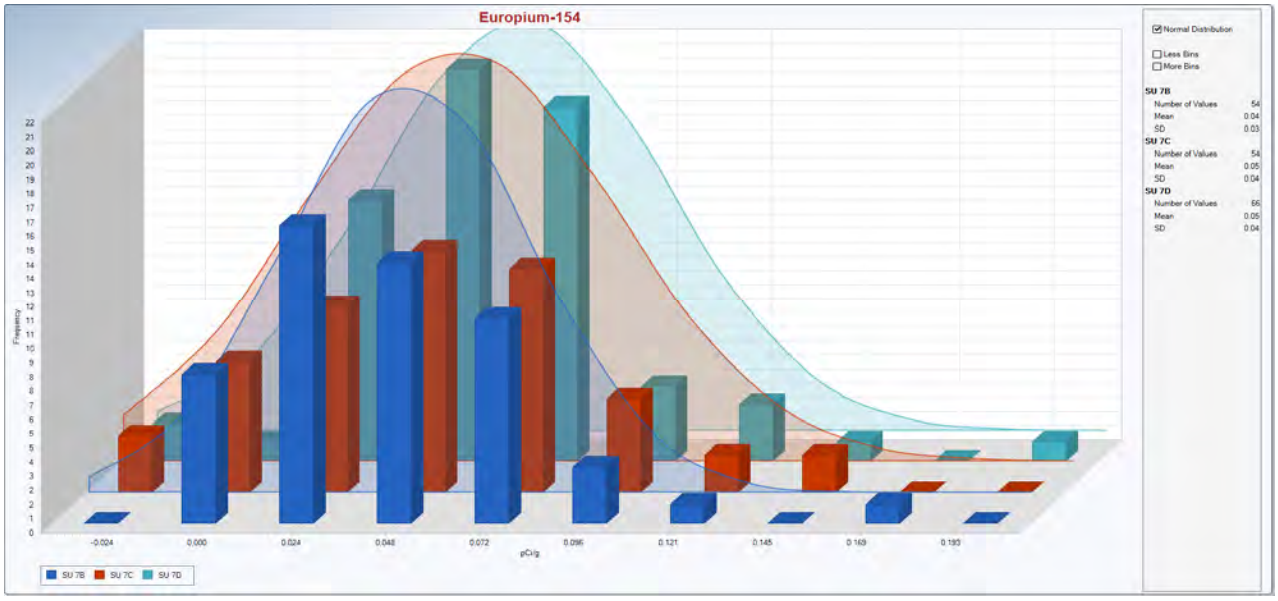
General Statistics for Uncensored Eu-154 Data Sets

Variable	NumObs	# Missing	Minimum	Maximum	Mean	Geo-Mean	SD	SEM	MAD/0.675	Skewness	CV
SU 7B	54	0	-0.00641	0.157	0.0424	N/A	0.0318	0.00432	0.0333	1.08	0.749
SU 7C	54	0	-0.0392	0.14	0.0464	N/A	0.0408	0.00556	0.0323	-0.13	0.879
SU 7D	66	0	-0.0383	0.202	0.0535	N/A	0.0371	0.00457	0.0312	0.899	0.693

Percentiles for Uncensored Eu-154 Data Sets

Variable	NumObs	# Missing	10%ile	20%ile	25%ile(Q1)	50%ile(Q2)	75%ile(Q3)	80%ile	90%ile	95%ile	99%ile
SU 7B	54	0	0.00673	0.0131	0.0249	0.0355	0.0612	0.0642	0.0755	0.0991	0.132
SU 7C	54	0	-0.0129	0.0172	0.0265	0.0498	0.0707	0.073	0.096	0.113	0.135
SU 7D	66	0	0.0164	0.0282	0.0303	0.0498	0.0723	0.0749	0.0934	0.116	0.159



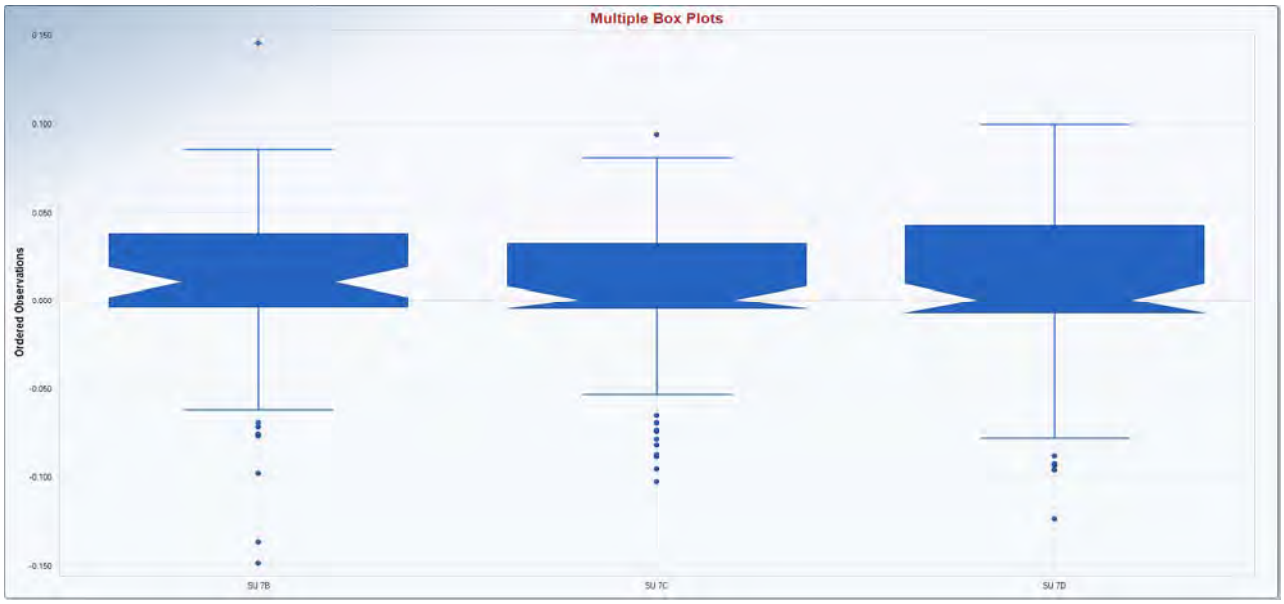


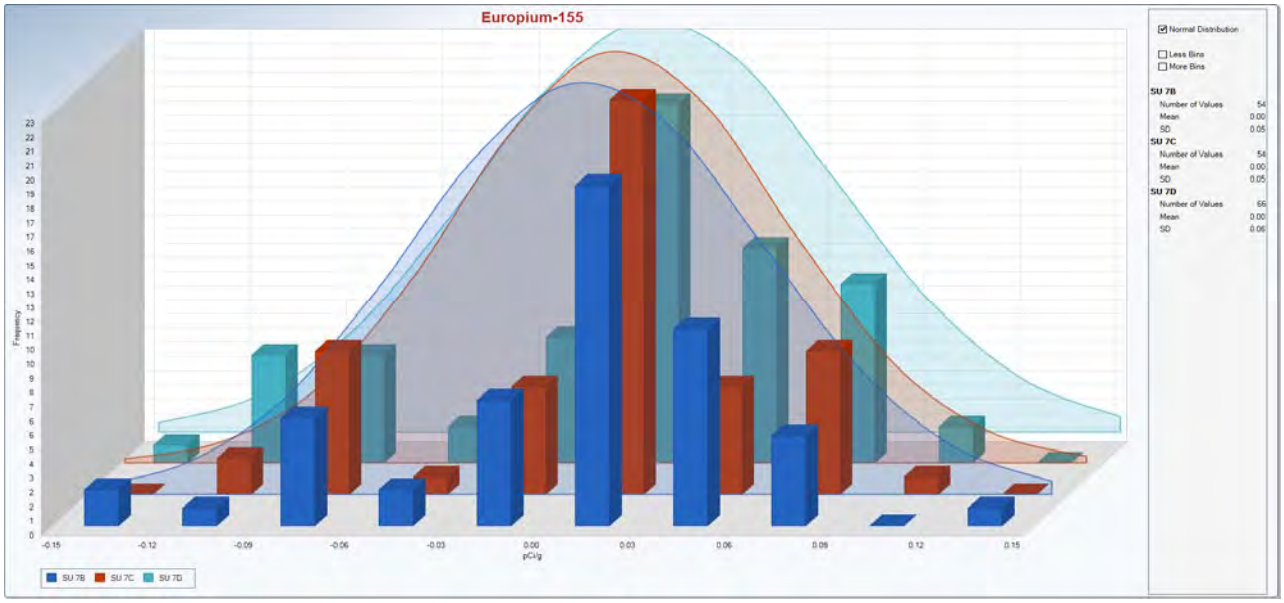
General Statistics for Uncensored Eu-155 Data Sets

Variable	NumObs	# Missing	Minimum	Maximum	Mean	Geo-Mean	SD	SEM	MAD/0.67	Skewness	CV
SU 7B	54	0	-0.149	0.145	0.00271	N/A	0.054	0.00735	0.0307	-0.657	19.93
SU 7C	54	0	-0.103	0.0937	0.002	N/A	0.0498	0.00678	0.0395	-0.457	24.84
SU 7D	66	0	-0.124	0.099	0.00309	N/A	0.0552	0.0068	0.05	-0.527	17.88

Percentiles for Uncensored Eu-155 Data Sets

Variable	NumObs	# Missing	10%ile	20%ile	25%ile(Q1)	50%ile(Q2)	75%ile(Q3)	80%ile	90%ile	95%ile	99%ile
SU 7B	54	0	-0.0749	-0.0376	-0.00437	0.0106	0.0362	0.0406	0.0567	0.0616	0.113
SU 7C	54	0	-0.0778	-0.0303	-0.00498	0	0.0321	0.0526	0.0621	0.0707	0.0867
SU 7D	66	0	-0.0906	-0.0513	-0.00698	0	0.0416	0.0553	0.0683	0.0775	0.0944



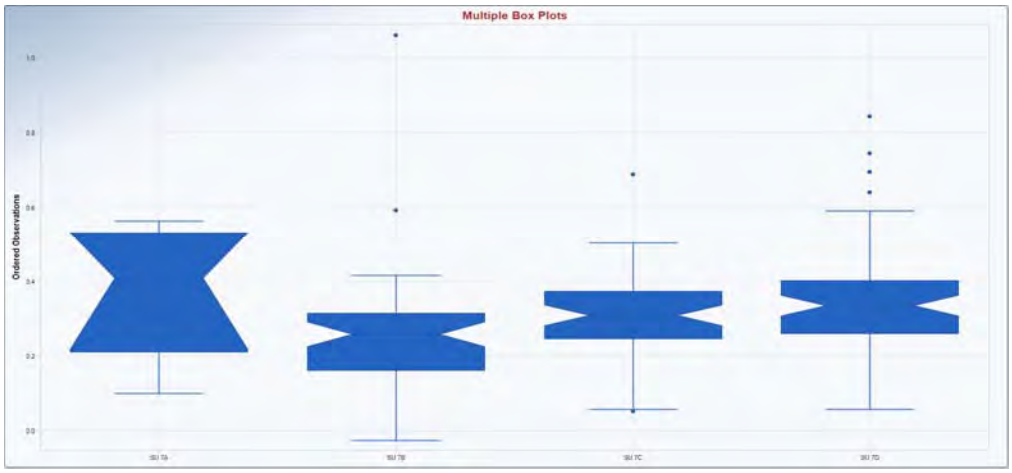


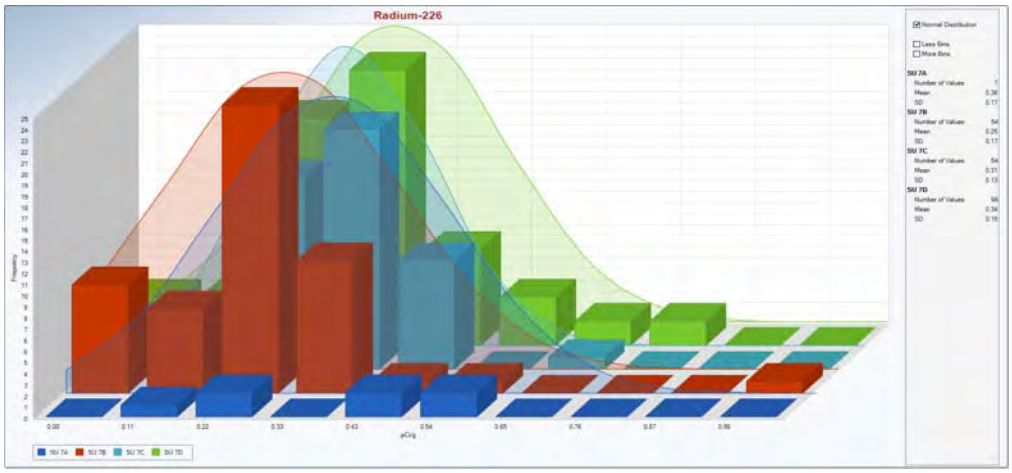
General Statistics for Uncensored Ra-226 Data Sets

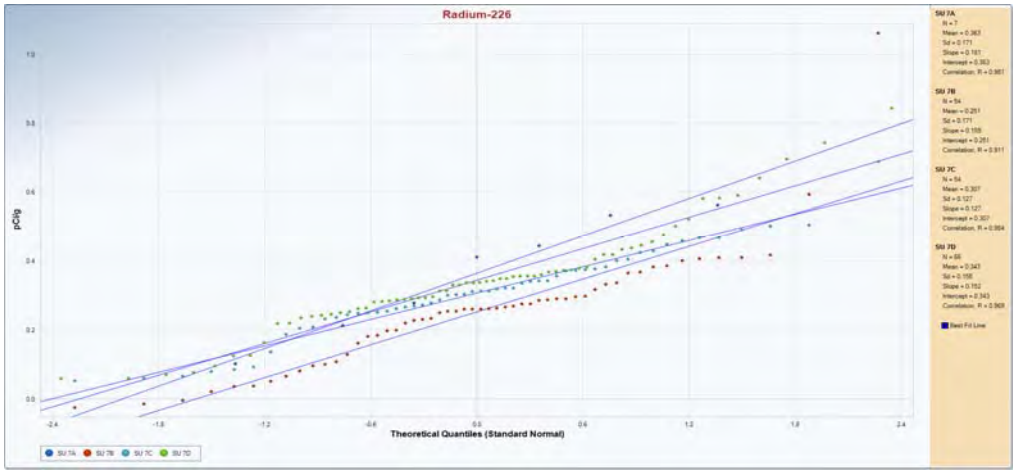
Variable	NumObs	# Missing	Minimum	Maximum	Mean	Geo-Mean	SD	SEM	MAD/0.675	Skewness	CV
SU 7A	7	0	0.102	0.562	0.363	0.318	0.171	0.0646	0.197	-0.389	0.471
SU 7B	54	0	-0.0244	1.06	0.251	N/A	0.171	0.0233	0.112	1.863	0.681
SU 7C	54	0	0.0526	0.688	0.307	0.272	0.127	0.0173	0.0949	0.0878	0.414
SU 7D	66	0	0.0589	0.843	0.343	0.304	0.155	0.0191	0.11	0.762	0.452

Percentiles for Uncensored Ra-226 Data Sets

Variable	NumObs	# Missing	10%ile	20%ile	25%ile(Q1)	50%ile(Q2)	75%ile(Q3)	80%ile	90%ile	95%ile	99%ile
SU 7A	7	0	0.168	0.225	0.245	0.41	0.488	0.514	0.544	0.553	0.56
SU 7B	54	0	0.0413	0.105	0.167	0.259	0.311	0.347	0.404	0.411	0.812
SU 7C	54	0	0.106	0.234	0.248	0.311	0.375	0.401	0.464	0.495	0.59
SU 7D	66	0	0.145	0.245	0.262	0.337	0.399	0.432	0.552	0.628	0.779





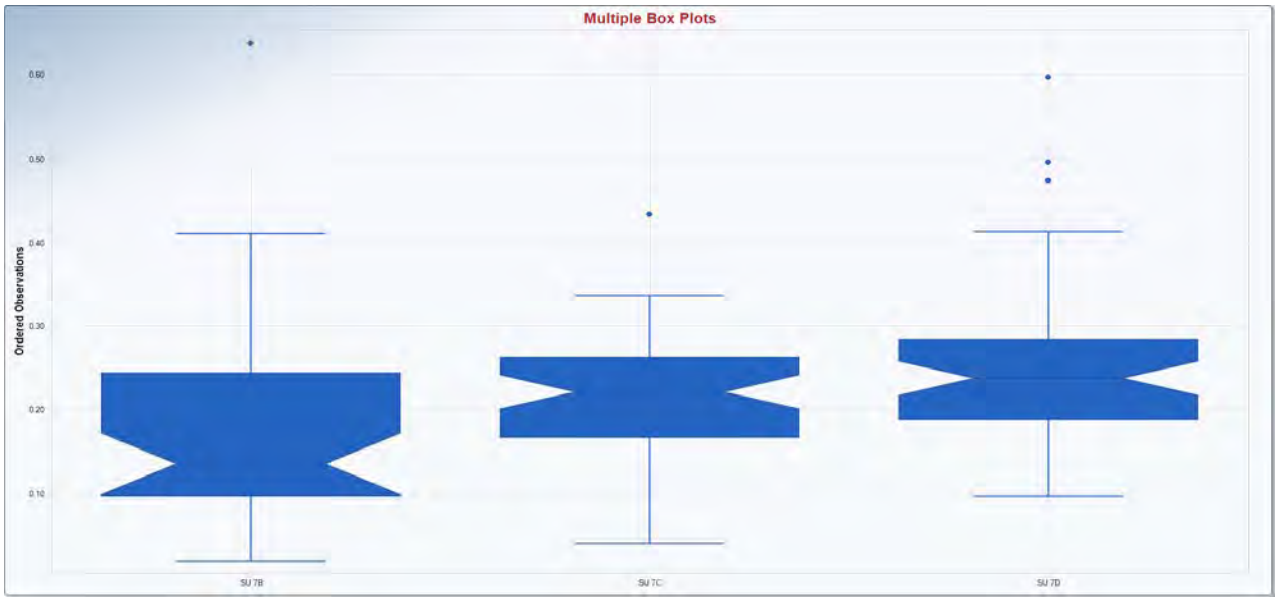


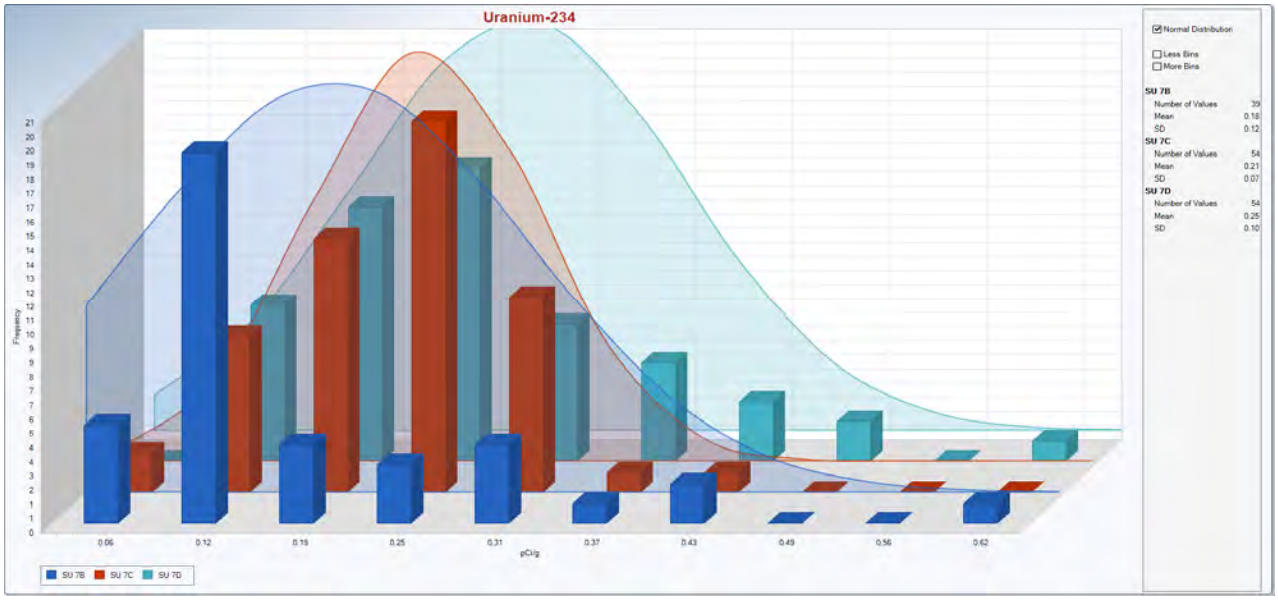
General Statistics for Uncensored U-234 Data Sets

Variable	NumObs	# Missing	Minimum	Maximum	Mean	Geo-Mean	SD	SEM	MAD/0.675	Skewness	CV
SU 7B	39	15	0.0201	0.637	0.176	0.141	0.125	0.02	0.0623	1.726	0.708
SU 7C	54	0	0.0416	0.434	0.212	0.197	0.0735	0.01	0.0682	0.0871	0.346
SU 7D	54	9	0.0973	0.597	0.252	0.233	0.105	0.0143	0.0726	1.092	0.416

Percentiles for Uncensored U-234 Data Sets

Variable	NumObs	# Missing	10%ile	20%ile	25%ile(Q1)	50%ile(Q2)	75%ile(Q3)	80%ile	90%ile	95%ile	99%ile
SU 7B	39	15	0.0672	0.092	0.0981	0.136	0.228	0.269	0.333	0.4	0.551
SU 7C	54	0	0.123	0.155	0.168	0.221	0.262	0.268	0.293	0.317	0.383
SU 7D	54	9	0.135	0.178	0.188	0.238	0.284	0.331	0.394	0.434	0.543



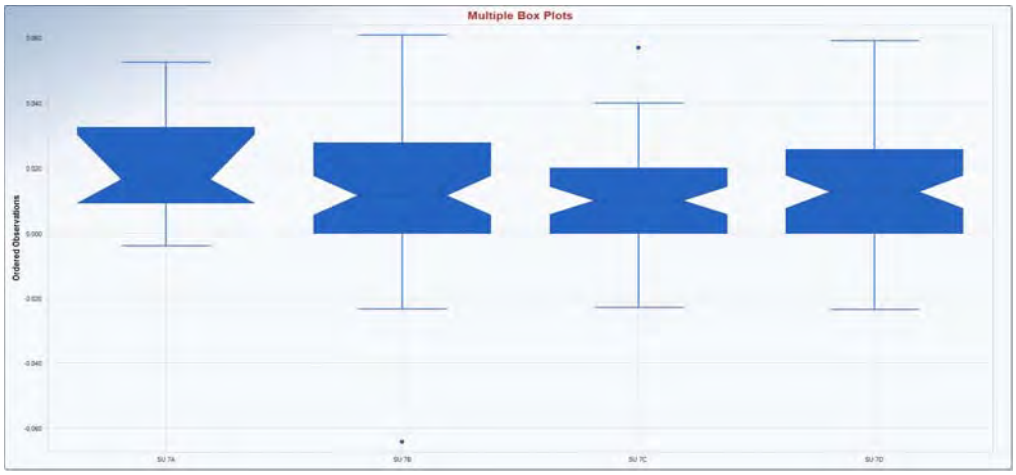


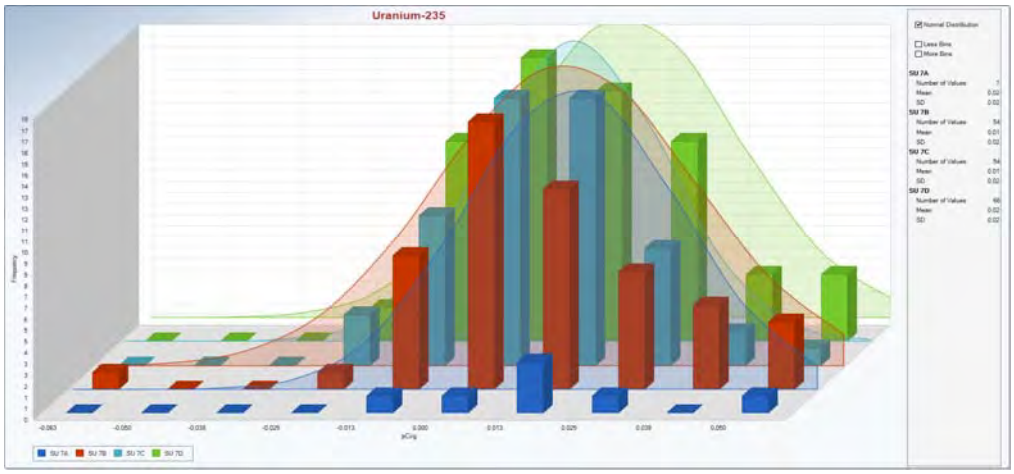
General Statistics for Uncensored U-235 Data Sets

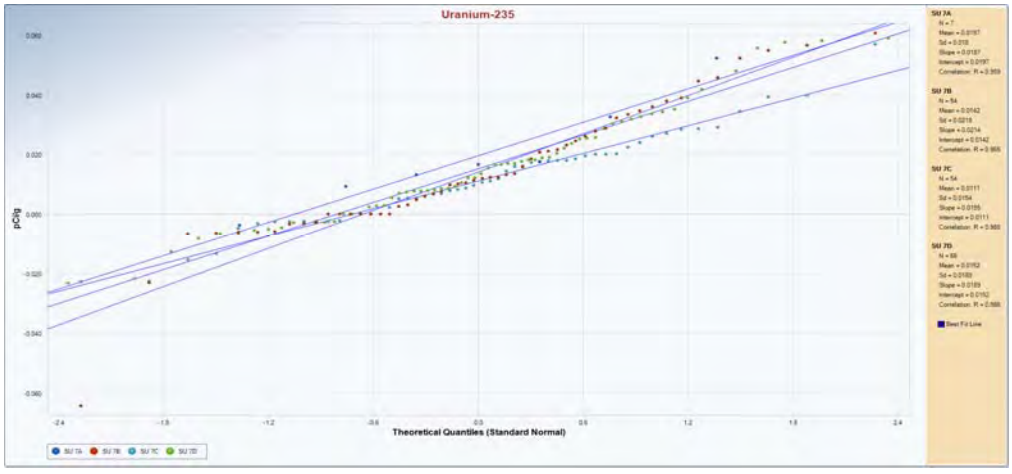
Variable	NumObs	# Missing	Minimum	Maximum	Mean	Geo-Mean	SD	SEM	MAD/0.675	Skewness	CV
SU 7A	7	0	-0.00381	0.0523	0.0197	N/A	0.018	0.00681	0.0107	0.899	0.915
SU 7B	54	0	-0.0643	0.0607	0.0142	N/A	0.0218	0.00297	0.0173	-0.351	1.542
SU 7C	54	0	-0.0228	0.0569	0.0111	N/A	0.0154	0.00209	0.015	0.26	1.385
SU 7D	66	0	-0.0234	0.059	0.0152	N/A	0.0189	0.00232	0.0191	0.489	1.238

Percentiles for Uncensored U-235 Data Sets

Variable	NumObs	# Missing	10%ile	20%ile	25%ile(Q1)	50%ile(Q2)	75%ile(Q3)	80%ile	90%ile	95%ile	99%ile
SU 7A	7	0	0.00409	0.0101	0.0113	0.0166	0.0251	0.0296	0.0405	0.0464	0.0511
SU 7B	54	0	-0.00609	0	0	0.0117	0.0274	0.0327	0.043	0.0533	0.0585
SU 7C	54	0	-0.00305	-0.00228	0	0.0101	0.0199	0.0211	0.0286	0.0362	0.0478
SU 7D	66	0	-0.00528	-0.00257	6.10E-04	0.0129	0.0257	0.0311	0.0404	0.0539	0.0585





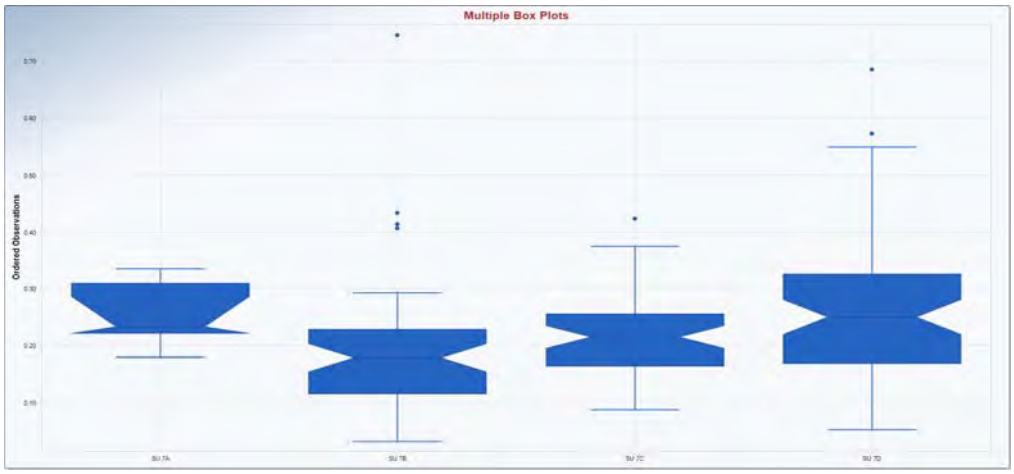


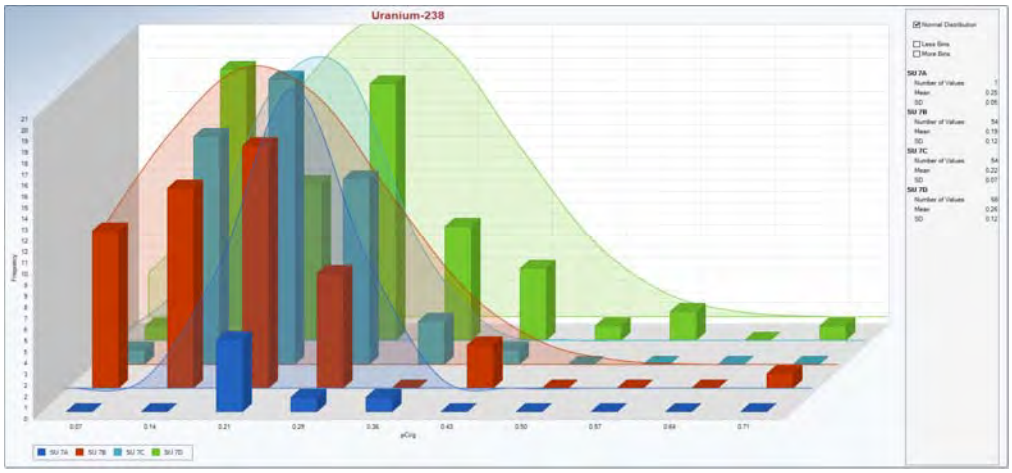
General Statistics for Uncensored U-238 Data Sets

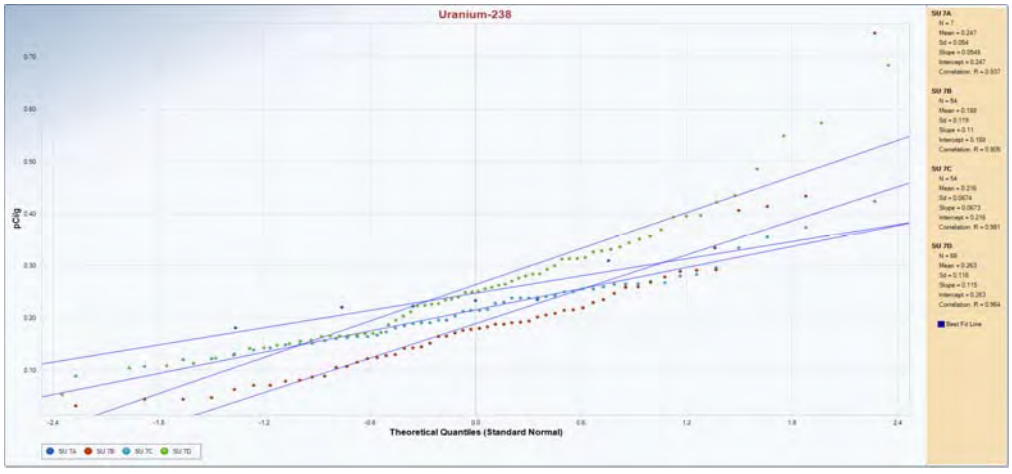
Variable	NumObs	# Missing	Minimum	Maximum	Mean	Geo-Mean	SD	SEM	MAD/0.67!	Skewness	CV
SU 7A	7	0	0.18	0.333	0.247	0.242	0.054	0.0204	0.0178	0.78	0.218
SU 7B	54	0	0.0319	0.745	0.188	0.158	0.119	0.0162	0.083	2.195	0.631
SU 7C	54	0	0.0881	0.423	0.216	0.205	0.0674	0.00917	0.0719	0.676	0.313
SU 7D	66	0	0.053	0.684	0.263	0.238	0.118	0.0145	0.118	1.126	0.449

Percentiles for Uncensored U-238 Data Sets

Variable	NumObs	# Missing	10%ile	20%ile	25%ile(Q1)	50%ile(Q2)	75%ile(Q3)	80%ile	90%ile	95%ile	99%ile
SU 7A	7	0	0.204	0.22	0.221	0.232	0.272	0.294	0.319	0.326	0.332
SU 7B	54	0	0.0704	0.0983	0.117	0.179	0.226	0.251	0.289	0.408	0.58
SU 7C	54	0	0.139	0.158	0.164	0.214	0.255	0.264	0.281	0.34	0.397
SU 7D	66	0	0.142	0.165	0.169	0.25	0.323	0.335	0.396	0.472	0.612





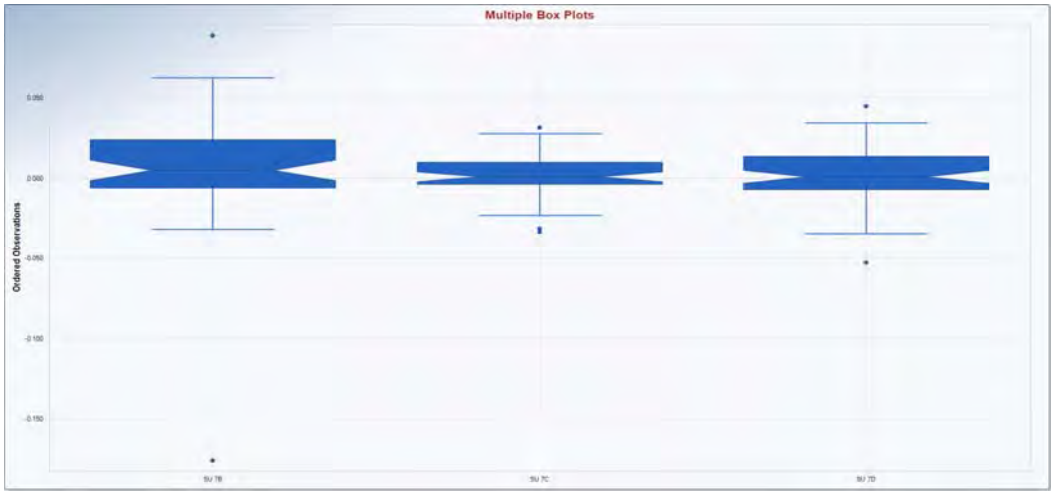


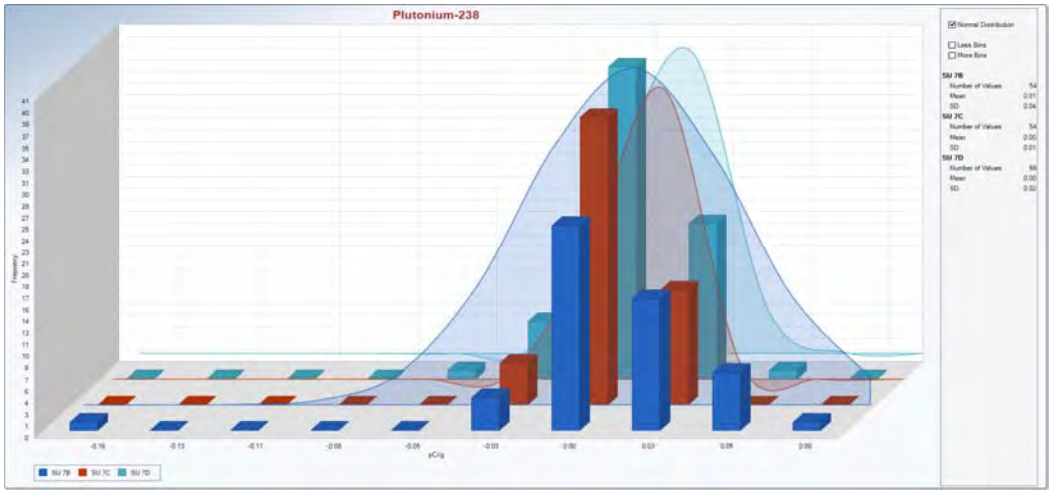
General Statistics for Uncensored Pu-238 Data Sets

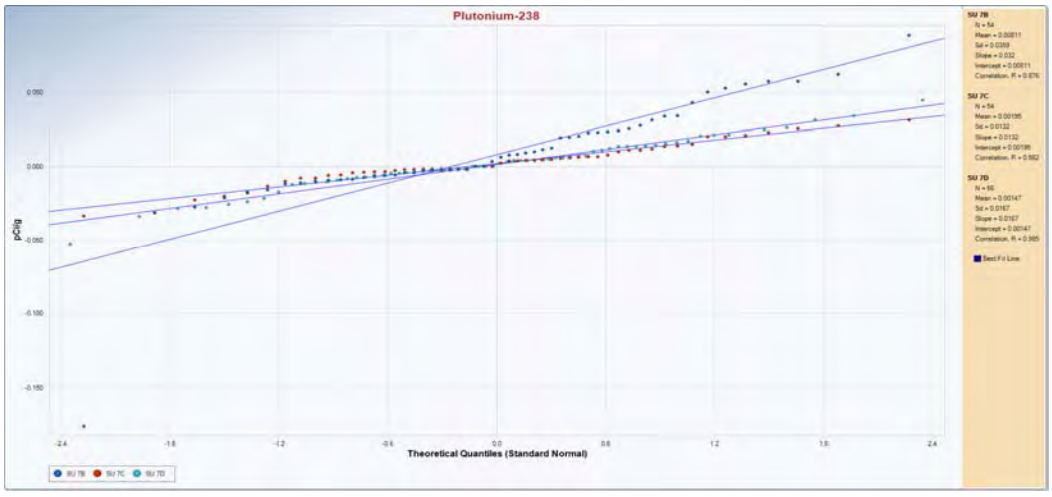
Variable	NumObs	# Missing	Minimum	Maximum	Mean	Geo-Mean	SD	SEM	MAD/0.675	Skewness	CV
SU 7B	54	0	-0.176	0.0885	0.00811	N/A	0.0359	0.00488	0.0221	-2.19	4.425
SU 7C	54	0	-0.0336	0.0314	0.00195	N/A	0.0132	0.0018	0.00837	-0.314	6.768
SU 7D	66	0	-0.053	0.0448	0.00147	N/A	0.0167	0.00205	0.0136	-0.372	11.31

Percentiles for Uncensored Pu-238 Data Sets

Variable	NumObs	# Missing	10%ile	20%ile	25%ile(Q1)	50%ile(Q2)	75%ile(Q3)	80%ile	90%ile	95%ile	99%ile
SU 7B	54	0	-0.0148	-0.0089	-0.00619	0.00475	0.0237	0.029	0.052	0.0574	0.0745
SU 7C	54	0	-0.0125	-0.00489	-0.00377	0.001	0.00927	0.0112	0.0201	0.0236	0.0292
SU 7D	66	0	-0.0197	-0.00817	-0.00697	0.00101	0.0132	0.0137	0.0211	0.0259	0.0378





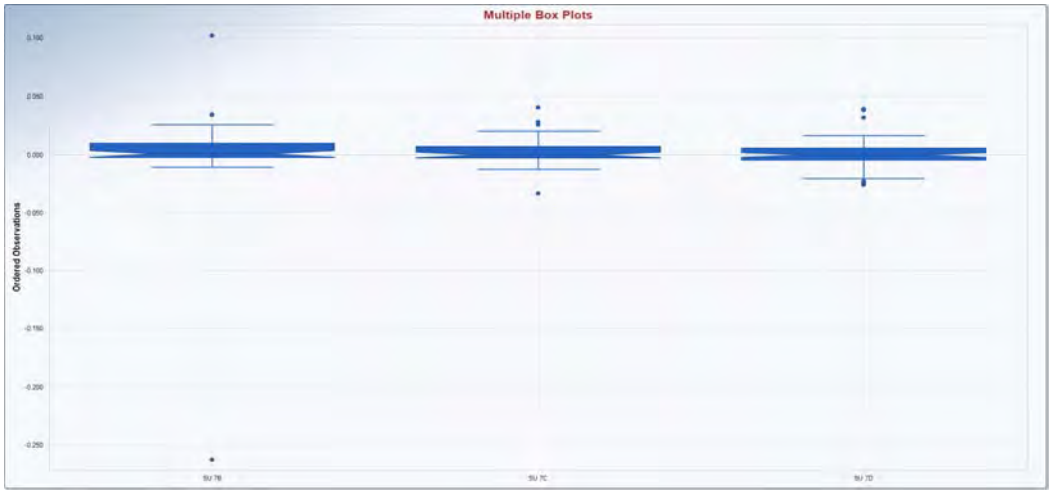


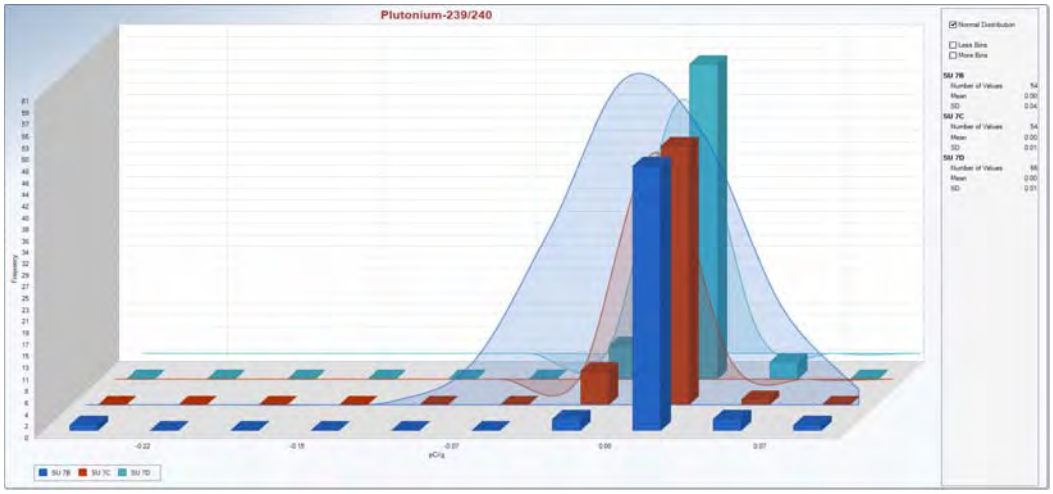
General Statistics for Uncensored Pu-239/240 Data Sets

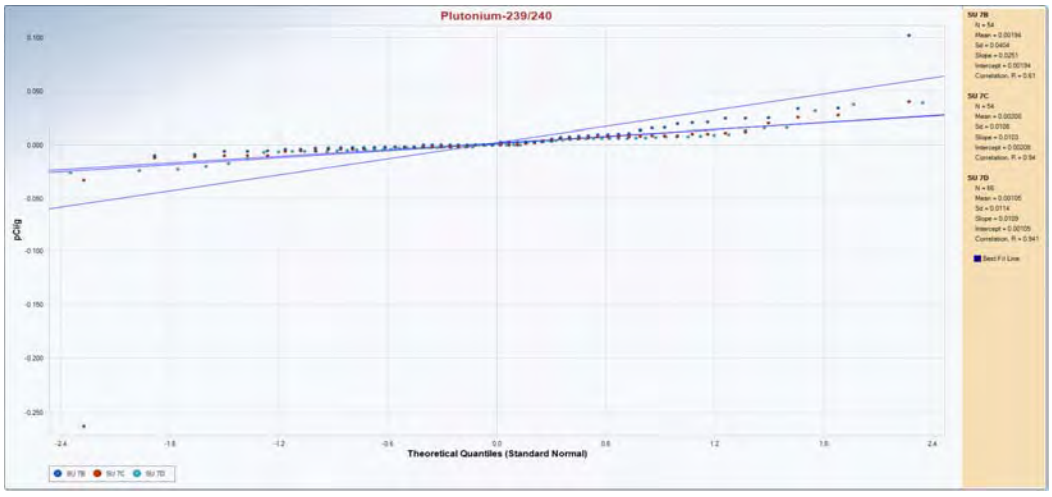
Variable	NumObs	# Missing	Minimum	Maximum	Mean	Geo-Mean	SD	SEM	MAD/0.675	Skewness	CV
SU 7B	54	0	-0.263	0.102	0.00194	N/A	0.0404	0.0055	0.00795	-5.197	20.85
SU 7C	54	0	-0.0331	0.04	0.00208	N/A	0.0108	0.00147	0.00872	0.561	5.197
SU 7D	66	0	-0.0259	0.0389	0.00105	N/A	0.0114	0.00141	0.00847	0.766	10.93

Percentiles for Uncensored Pu-239/240 Data Sets

Variable	NumObs	# Missing	10%ile	20%ile	25%ile(Q1)	50%ile(Q2)	75%ile(Q3)	80%ile	90%ile	95%ile	99%ile
SU 7B	54	0	-0.00505	-0.0027	-0.00237	0.00111	0.0099	0.0142	0.0233	0.028	0.0659
SU 7C	54	0	-0.00872	-0.0039	-0.00269	0	0.00737	0.00799	0.0107	0.0217	0.0334
SU 7D	66	0	-0.00697	-0.00487	-0.0044	0	0.00609	0.0066	0.00925	0.0159	0.0381





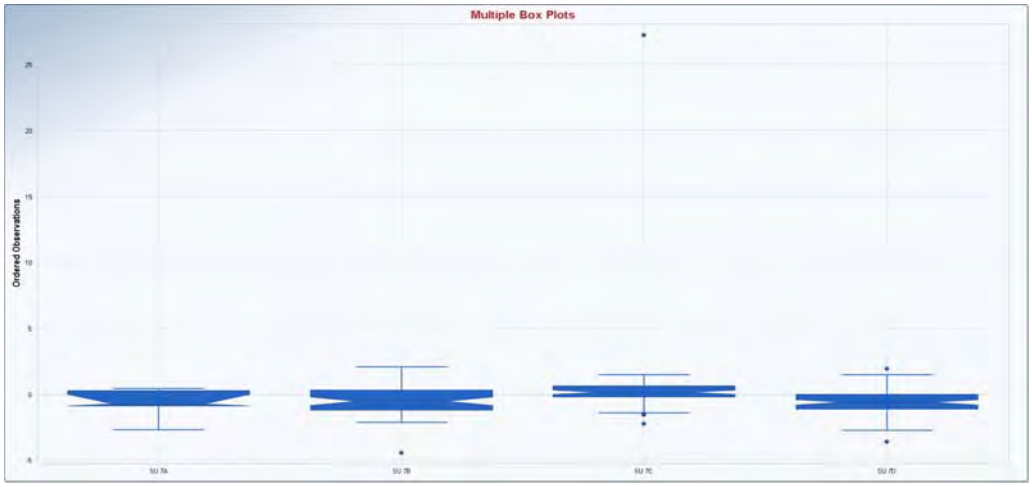


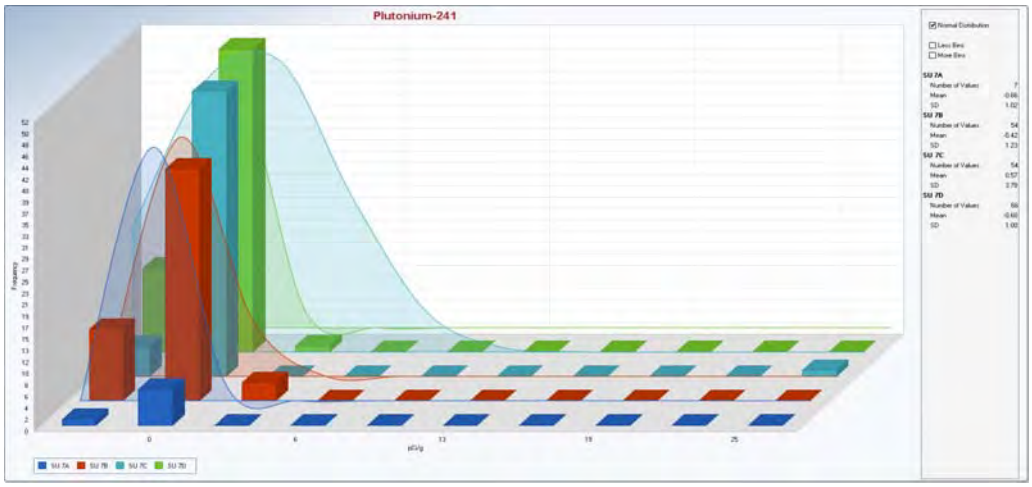
General Statistics for Pu-241 Data Sets

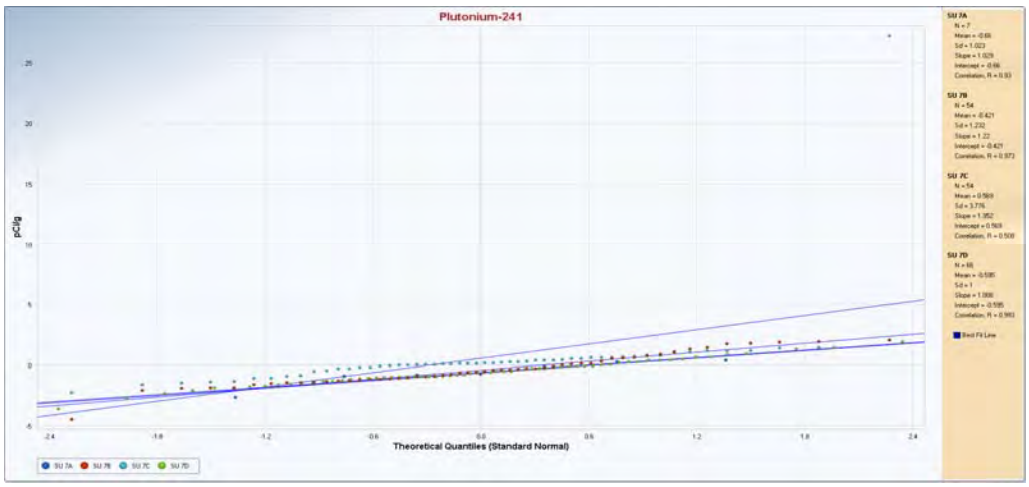
Variable	NumObs	# Missing	Minimum	Maximum	Mean	Geo-Mean	SD	SEM	MAD/0.67	Skewness	CV
SU 7A	7	0	-2.65	0.384	-0.66	N/A	1.023	0.387	0.89	-1.27	-1.55
SU 7B	54	0	-4.47	2.04	-0.421	N/A	1.232	0.168	1.053	-0.0945	-2.926
SU 7C	54	0	-2.28	27.2	0.569	N/A	3.776	0.514	0.666	6.844	6.637
SU 7D	66	0	-3.61	1.91	-0.595	N/A	1	0.123	0.811	-0.0962	-1.679

Percentiles for Pu-241 Data Sets

Variable	NumObs	# Missing	10%ile	20%ile	25%ile(Q1)	50%ile(Q2)	75%ile(Q3)	80%ile	90%ile	95%ile	99%ile
SU 7A	7	0	-1.607	-0.891	-0.862	-0.751	0.061	0.188	0.317	0.351	0.377
SU 7B	54	0	-1.566	-1.34	-1.225	-0.545	0.245	0.567	1.384	1.822	1.966
SU 7C	54	0	-1.08	-0.376	-0.22	0.154	0.609	0.656	1.12	1.264	13.54
SU 7D	66	0	-1.76	-1.34	-1.125	-0.633	-0.0239	0.27	0.641	0.974	1.598





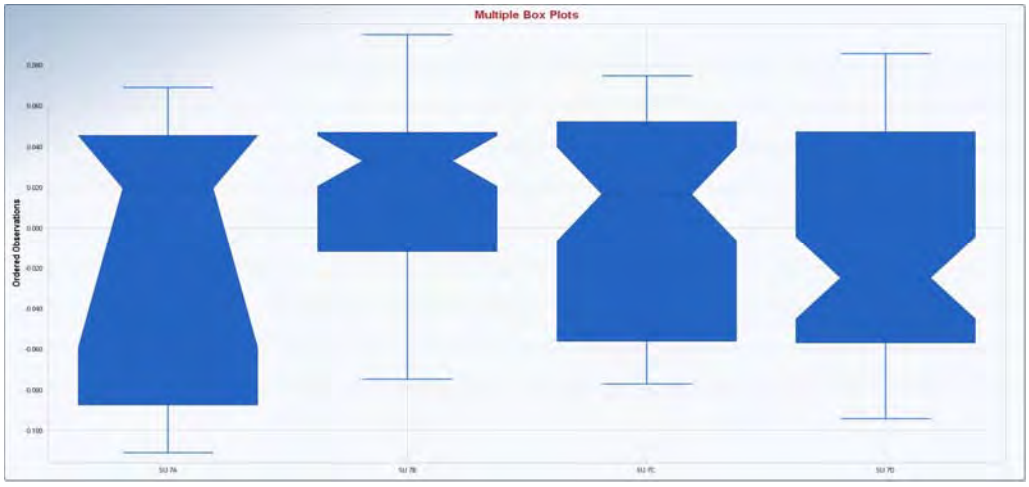


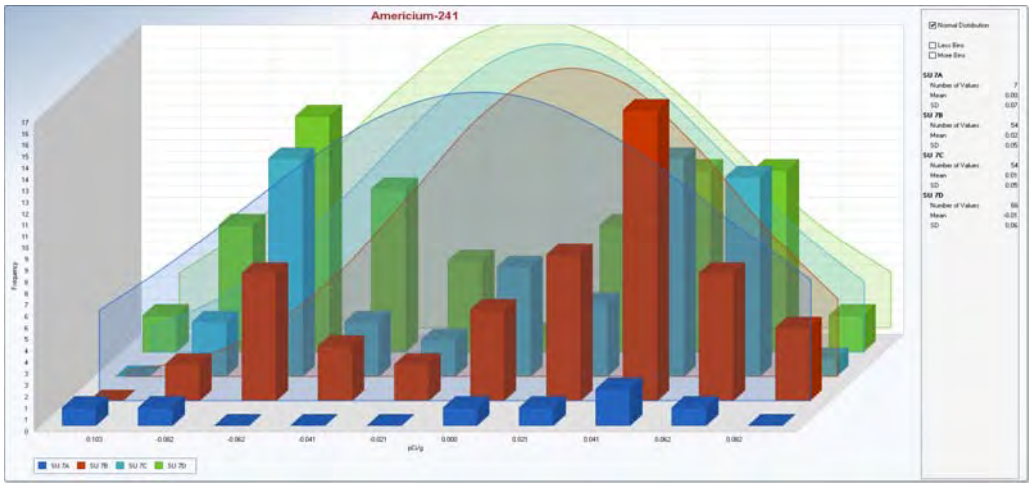
General Statistics for Am-241 Data Sets

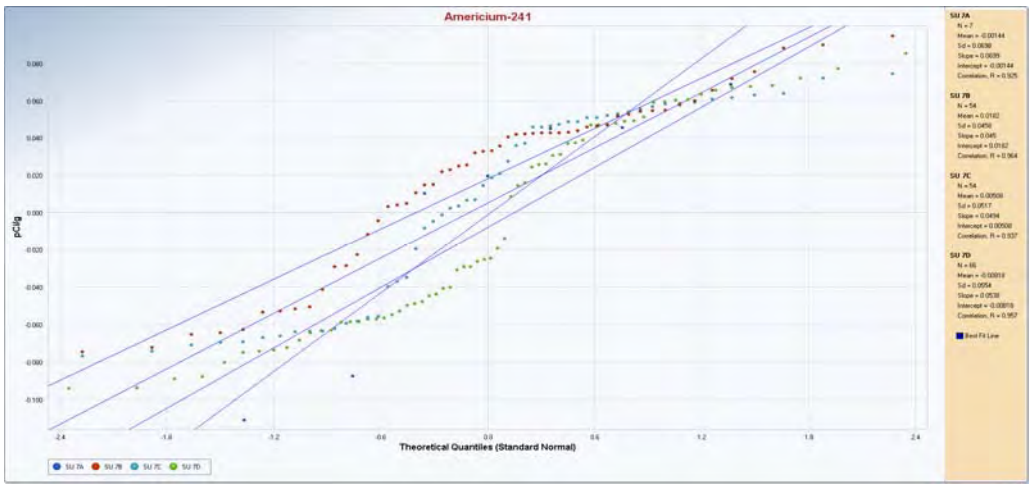
Variable	NumObs	# Missing	Minimum	Maximum	Mean	Geo-Mean	SD	SEM	MAD/0.67	Skewness	CV
SU 7A	7	0	-0.111	0.0685	-0.00144	N/A	0.0698	0.0264	0.0384	-0.96	-48.4
SU 7B	54	0	-0.0747	0.0945	0.0182	N/A	0.0458	0.00624	0.0329	-0.612	2.514
SU 7C	54	0	-0.077	0.0742	0.00508	N/A	0.0517	0.00704	0.0606	-0.344	10.18
SU 7D	66	0	-0.0941	0.0852	-0.00818	N/A	0.0554	0.00681	0.0732	0.111	-6.768

Percentiles for Am-241 Data Sets

Variable	NumObs	# Missing	10%ile	20%ile	25%ile(Q1)	50%ile(Q2)	75%ile(Q3)	80%ile	90%ile	95%ile	99%ile
SU 7A	7	0	-0.097	-0.0681	-0.0388	0.0195	0.0452	0.0453	0.0546	0.0616	0.0671
SU 7B	54	0	-0.0533	-0.029	-0.01	0.0329	0.0468	0.0532	0.0639	0.0799	0.0921
SU 7C	54	0	-0.0668	-0.0606	-0.0562	0.0167	0.0517	0.0545	0.0602	0.0632	0.0731
SU 7D	66	0	-0.0742	-0.0588	-0.0573	-0.025	0.0472	0.0492	0.0643	0.0679	0.0799





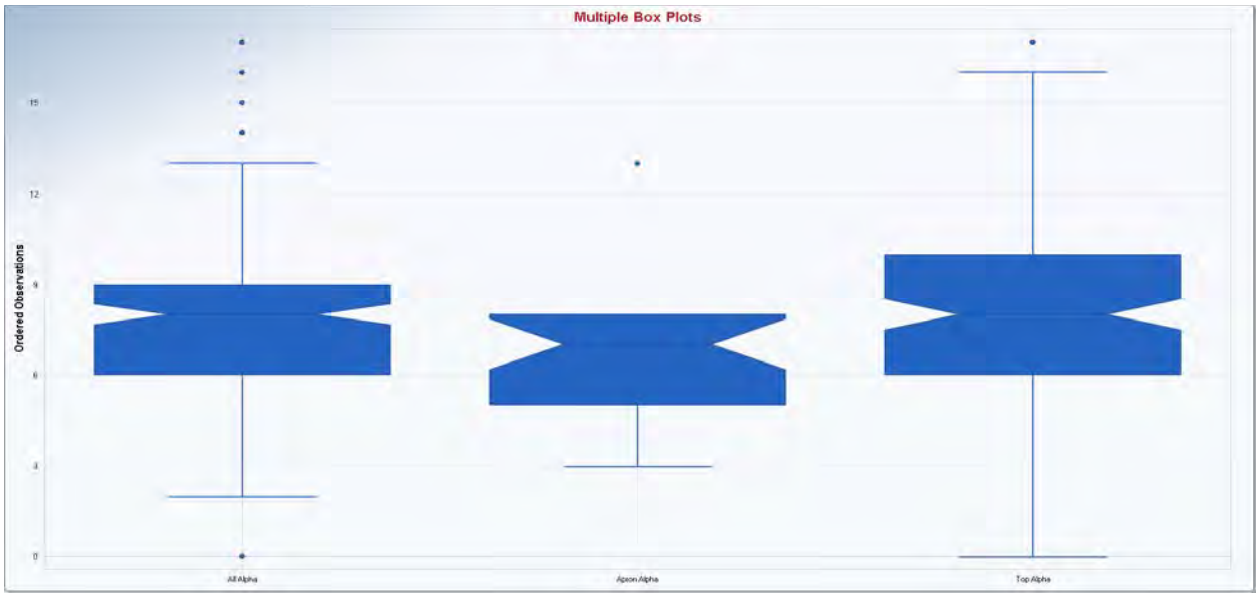


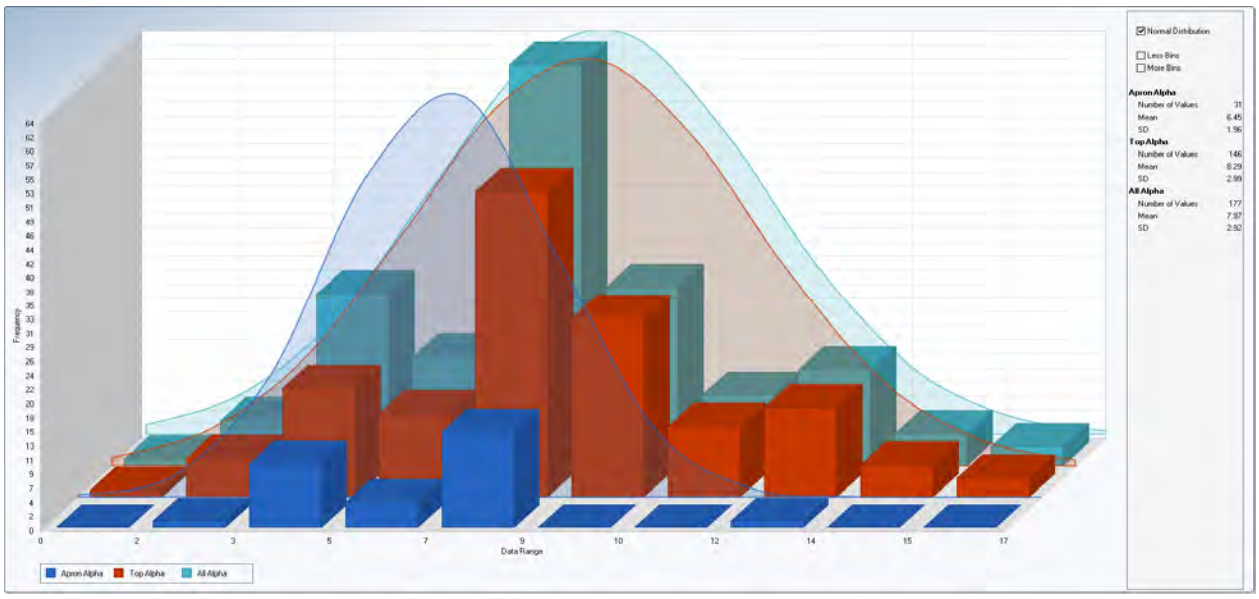
General Statistics for Concrete Pedestal Data Sets

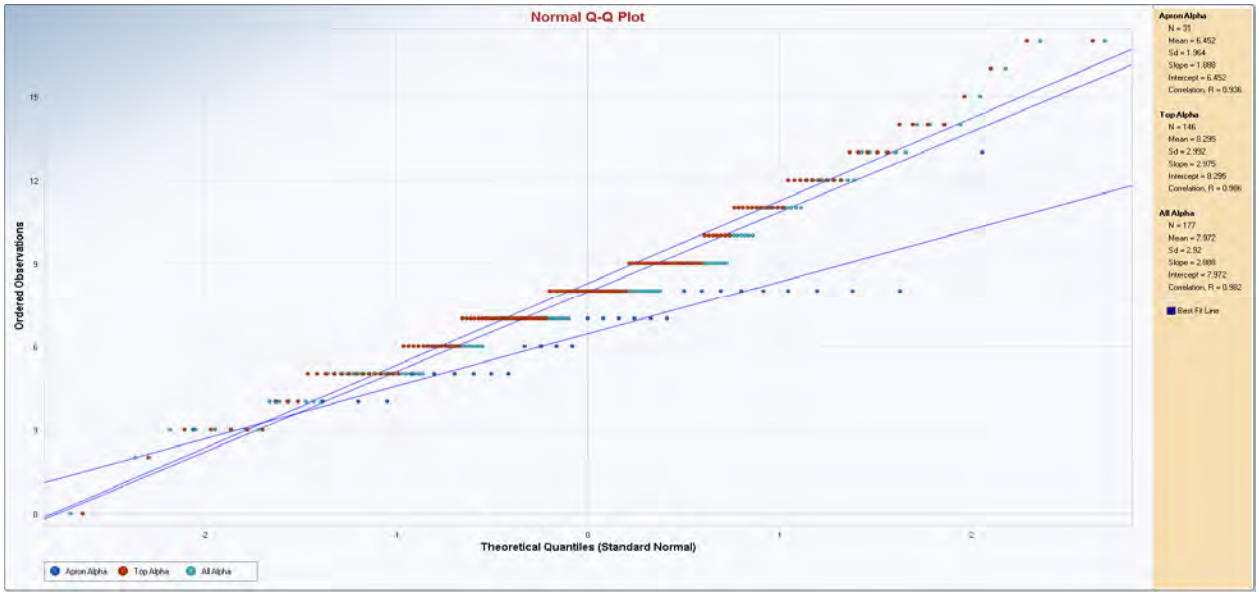
Variable	NumObs	# Missing	Minimum	Maximum	Mean	Geo-Mean	SD	SEM	MAD/0.675	Skewness	CV	95% UCL	BTV
All Alpha	177	4	0	17	7.972	0	2.92	0.219	2.965	0.547	0.366	8.93	20.7
All Beta	177	4	380	1206	998.9	991.9	111.1	8.352	111.2	-0.939	0.111	1013	1376
Apron Alpha	31	0	3	13	6.452	6.172	1.964	0.353	1.483	0.924	0.304	7.05	14.3
Apron Beta	31	0	380	1162	846.1	837.1	108.6	19.51	40.03	-1.909	0.128	879.2	1327
Top Alpha	146	0	0	17	8.295	0	2.992	0.248	2.965	0.405	0.361	9.37	21.4
Top Beta	146	0	858	1206	1031	1028	80.58	6.668	94.89	0.278	0.0781	1042	1384

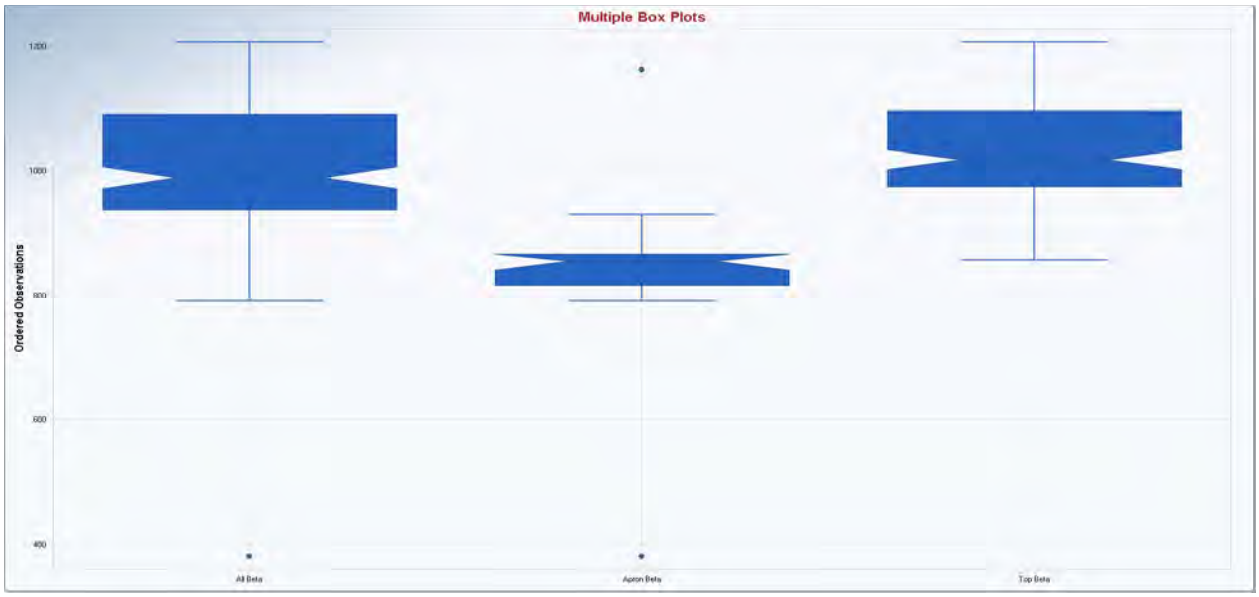
Percentiles for Concrete Pedestal Data Sets

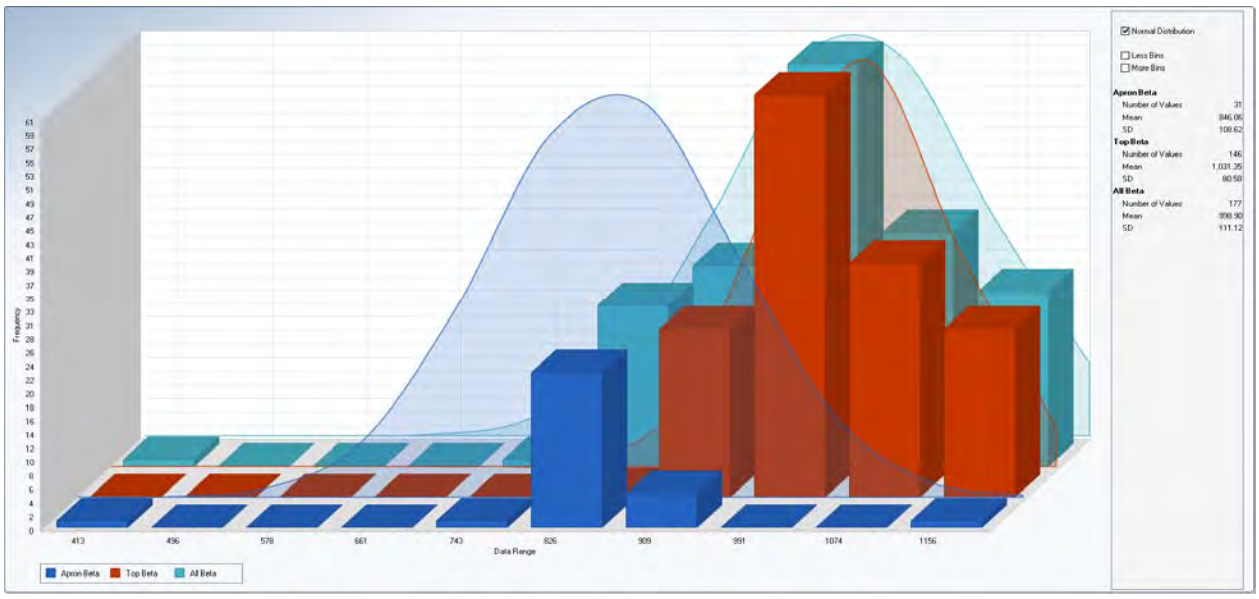
Variable	NumObs	# Missing	10%ile	20%ile	25%ile(Q1)	50%ile(Q2)	75%ile(Q3)	80%ile	90%ile	95%ile	99%ile
All Alpha	177	4	5	6	6	8	9	10	12	13	16.24
All Beta	177	4	858.6	913.2	938	989	1091	1100	1141	1162	1191
Apron Alpha	31	0	4	5	5	7	8	8	8	8	11.5
Apron Beta	31	0	806	815	820	855	867	874	912	927	1092
Top Alpha	146	0	5	6	6.25	8	10	11	12	13.75	16.55
Top Beta	146	0	938.5	961	974.3	1018	1096	1118	1148	1164	1194

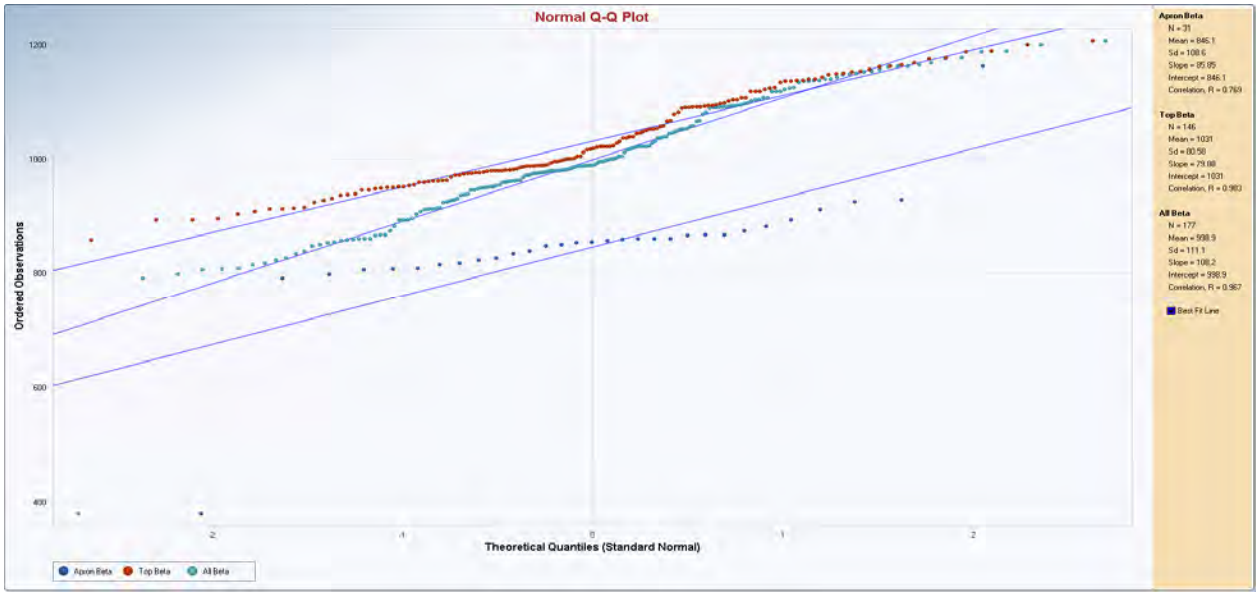

Multiple Box Plots
Ordered Observations
All Alpha
Apron Alpha
Top Alpha


Normal Distribution
Less Bins
More Bins
Apron Alpha
Number of Values 31
Mean 6.45
SD 1.96
Top Alpha
Number of Values 146
Mean 8.29
SD 2.99
All Alpha
Number of Values 177
Mean 7.97
SD 2.92
Frequency
Data Range
Apron Alpha
Top Alpha
All Alpha


Normal Q-Q Plot
Ordered Observations
Theoretical Quantiles (Standard Normal)
Apron Alpha
N = 31
Mean = 6.452
Sd = 1.964
Slope = 1.888
Intercept = 6.452
Correlation, R = 0.936
Top Alpha
N = 146
Mean = 8.295
Sd = 2.992
Slope = 2.975
Intercept = 8.295
Correlation, R = 0.906
All Alpha
N = 177
Mean = 7.972
Sd = 2.92
Slope = 2.888
Intercept = 7.972
Correlation, R = 0.982
Best Fit Line
Apron Alpha
Top Alpha
All Alpha

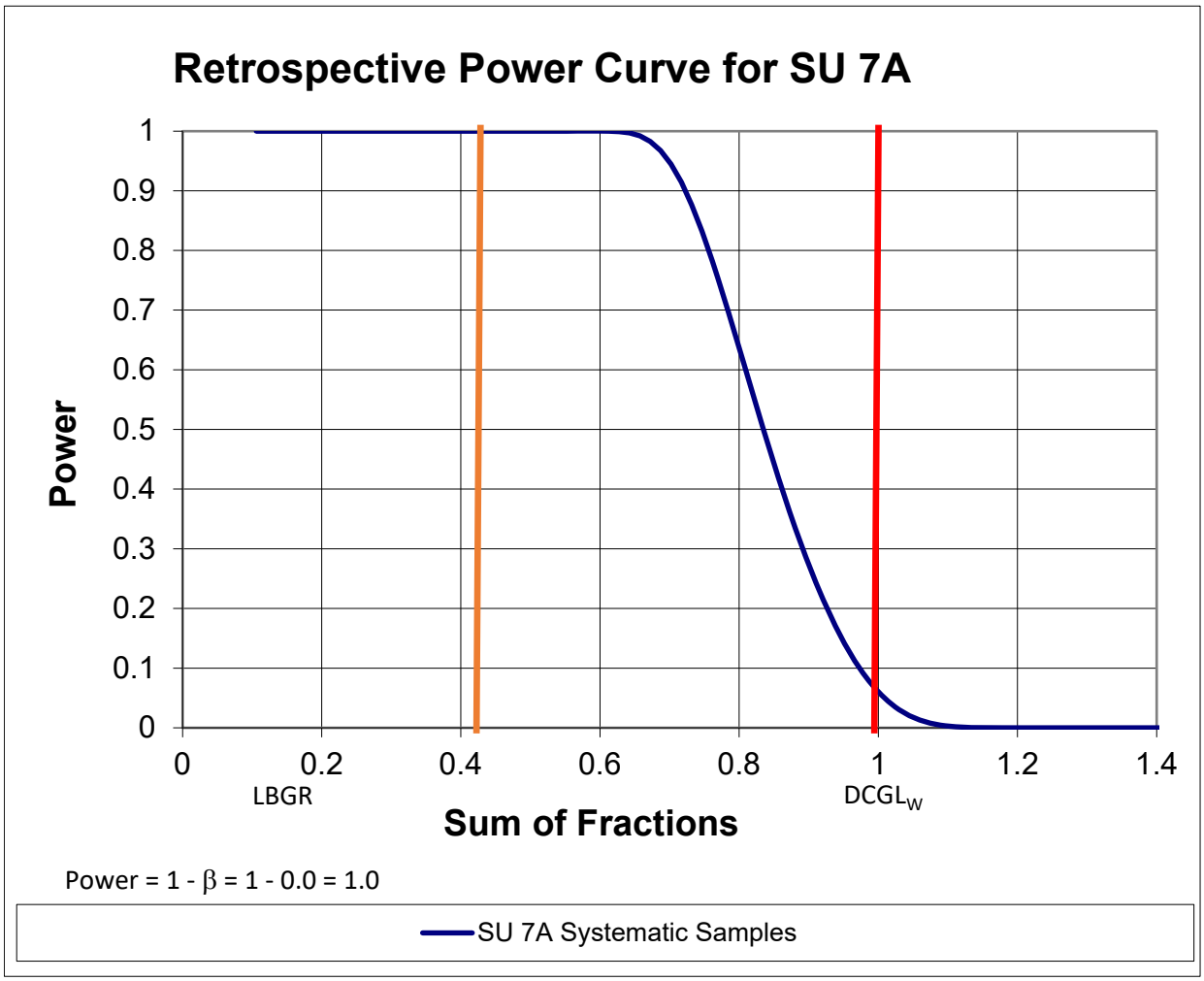

Multiple Box Plots
Ordered Observations
1200
1000
800
600
400
All Beta
Apron Beta
Top Beta


Frequency
Data Range
413
496
578
661
743
826
909
991
1074
1156
Apron Beta
Top Beta
All Beta
Normal Distribution
Less Bins
More Bins
Apron Beta
Number of Values 31
Mean 846.06
SD 108.62
Top Beta
Number of Values 146
Mean 1,031.35
SD 80.59
All Beta
Number of Values 177
Mean 998.90
SD 111.12


Normal Q-Q Plot
Ordered Observations
1200
1000
800
600
400
-2
-1
0
1
2
Theoretical Quantiles (Standard Normal)
Apron Beta
Top Beta
All Beta
Apron Beta
N = 31
Mean = 846.1
Sd = 108.6
Slope = 85.85
Intercept = 846.1
Correlation, R = 0.769
Top Beta
N = 146
Mean = 1031
Sd = 80.58
Slope = 79.98
Intercept = 1031
Correlation, R = 0.980
All Beta
N = 177
Mean = 998.9
Sd = 111.1
Slope = 108.2
Intercept = 998.9
Correlation, R = 0.967
Best Fit Line

Power for the WRS Test

	SU 7A	
DCGLw	1	Unity
LBGR	0.244	Average Survey Unit Sum of Fractions
σ_s	0.149	Standard Deviation SU 7A Sums of Fractions
σ_r	0.0722	Standard Deviation RBA Sums of Fractiions
σ	0.149	Maximum of σ_s and σ_r
Alpha	0.05	Type I Decision Error Rate
Beta	0.05	Type II Decision Error Rate
Relative Shift	5.074	$(DCGL_W - LBGR)/\sigma$
m (ref. Area)	6	Number of Measurements in Reference Background Area
n (survey unit)	5	Number of Measurements in SU 7A
WRS Crit Val	45	



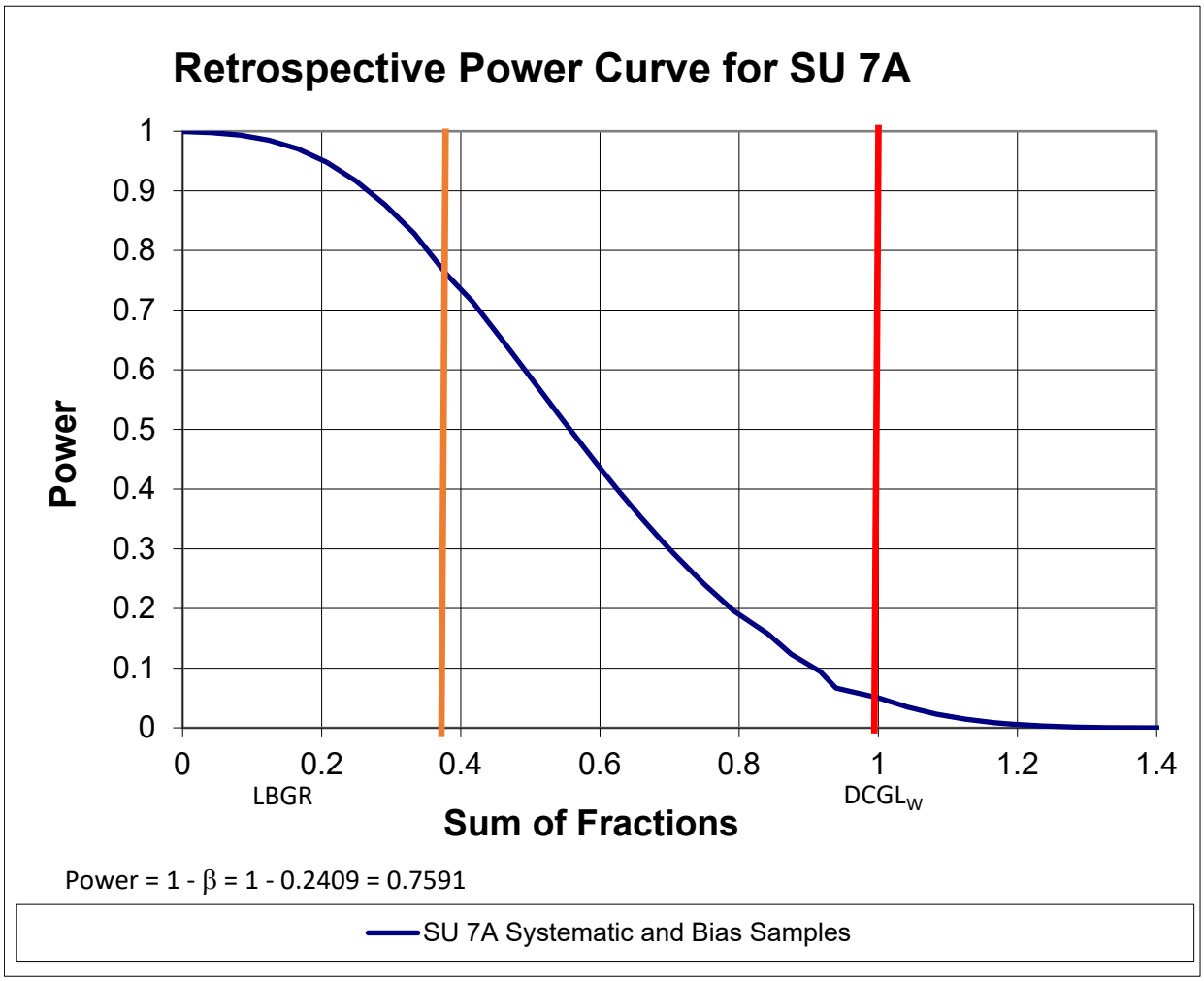
WRS Test for SU 7A

DCGL = 1 (same units as measurement results)

DATA	AREA	ADJUSTED DATA	RANKS	REFERENCE AREA RANKS
0.09395	R	1.09395	8	8
0.08690	R	1.08690	7	7
0.10494	R	1.10494	9	9
0.11408	R	1.11408	10	10
0.24800	R	1.24800	12	12
0.22822	R	1.22822	11	11
0.09235	S	0.09235	1	0
0.20915	S	0.20915	4	0
0.22837	S	0.22837	5	0
0.19586	S	0.19586	3	0
0.49237	S	0.49237	6	0
1.28289	S	1.28289	13	0
0.16012	S	0.16012	2	0
			WRS Test Statistic, W_r =	57

Power for the WRS Test

	SU 7A	
DCGLw	1	Unity
LBGR	0.38	Average Survey Unit Sum of Fractions
σ_s	0.417	Standard Deviation SU 7A Sums of Fractions
σ_r	0.0722	Standard Deviation RBA Sums of Fractiions
σ	0.417	Maximum of σ_s and σ_r
Alpha	0.05	Type I Decision Error Rate
Beta	0.05	Type II Decision Error Rate
Relative Shift	1.487	$(DCGL_W - LBGR)/\sigma$
m (ref. Area)	6	Number of Measurements in Reference Background Area
n (survey unit)	7	Number of Measurements in SU 7A
WRS Crit Val	54	



APPENDIX H

RESRAD V. 7.2 Model Output

Summary : HFBR SU 7A_Industrial_AVG Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\SU 7A_INDUSTRIAL_AVG BKGD SUBTRACT.RAD

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Summary : HFBR SU 7A_Industrial_AVG Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\SU 7A_INDUSTRIAL_AVG BKGD SUBTRACT.RAD

Dose Conversion Factor (and Related) Parameter Summary
Dose Library: FGR 11

Menu	Parameter	Current Value#	Base Case*	Parameter Name
A-1	DCF's for external ground radiation, (mrem/yr)/(pCi/g)			
A-1	Ac-227 (Source: FGR 12)	4.951E-04	4.951E-04	DCF1(1)
A-1	At-218 (Source: FGR 12)	5.847E-03	5.847E-03	DCF1(2)
A-1	Ba-137m (Source: FGR 12)	3.606E+00	3.606E+00	DCF1(3)
A-1	Bi-210 (Source: FGR 12)	3.606E-03	3.606E-03	DCF1(4)
A-1	Bi-211 (Source: FGR 12)	2.559E-01	2.559E-01	DCF1(5)
A-1	Bi-214 (Source: FGR 12)	9.808E+00	9.808E+00	DCF1(6)
A-1	C-14 (Source: FGR 12)	1.345E-05	1.345E-05	DCF1(7)
A-1	Co-60 (Source: FGR 12)	1.622E+01	1.622E+01	DCF1(8)
A-1	Cs-137 (Source: FGR 12)	7.510E-04	7.510E-04	DCF1(9)
A-1	Eu-152 (Source: FGR 12)	7.006E+00	7.006E+00	DCF1(10)
A-1	Eu-154 (Source: FGR 12)	7.678E+00	7.678E+00	DCF1(11)
A-1	Fr-223 (Source: FGR 12)	1.980E-01	1.980E-01	DCF1(12)
A-1	Gd-152 (Source: FGR 12)	0.000E+00	0.000E+00	DCF1(13)
A-1	H-3 (Source: FGR 12)	0.000E+00	0.000E+00	DCF1(14)
A-1	Ni-63 (Source: FGR 12)	0.000E+00	0.000E+00	DCF1(15)
A-1	Pa-231 (Source: FGR 12)	1.906E-01	1.906E-01	DCF1(16)
A-1	Pa-234 (Source: FGR 12)	1.155E+01	1.155E+01	DCF1(17)
A-1	Pa-234m (Source: FGR 12)	8.967E-02	8.967E-02	DCF1(18)
A-1	Pb-210 (Source: FGR 12)	2.447E-03	2.447E-03	DCF1(19)
A-1	Pb-211 (Source: FGR 12)	3.064E-01	3.064E-01	DCF1(20)
A-1	Pb-214 (Source: FGR 12)	1.341E+00	1.341E+00	DCF1(21)
A-1	Po-210 (Source: FGR 12)	5.231E-05	5.231E-05	DCF1(22)
A-1	Po-211 (Source: FGR 12)	4.764E-02	4.764E-02	DCF1(23)
A-1	Po-214 (Source: FGR 12)	5.138E-04	5.138E-04	DCF1(24)
A-1	Po-215 (Source: FGR 12)	1.016E-03	1.016E-03	DCF1(25)
A-1	Po-218 (Source: FGR 12)	5.642E-05	5.642E-05	DCF1(26)
A-1	Ra-223 (Source: FGR 12)	6.034E-01	6.034E-01	DCF1(27)
A-1	Ra-226 (Source: FGR 12)	3.176E-02	3.176E-02	DCF1(28)
A-1	Rn-219 (Source: FGR 12)	3.083E-01	3.083E-01	DCF1(29)
A-1	Rn-222 (Source: FGR 12)	2.354E-03	2.354E-03	DCF1(30)
A-1	Sr-90 (Source: FGR 12)	7.043E-04	7.043E-04	DCF1(31)
A-1	Th-227 (Source: FGR 12)	5.212E-01	5.212E-01	DCF1(32)
A-1	Th-230 (Source: FGR 12)	1.209E-03	1.209E-03	DCF1(33)
A-1	Th-231 (Source: FGR 12)	3.643E-02	3.643E-02	DCF1(34)
A-1	Th-234 (Source: FGR 12)	2.410E-02	2.410E-02	DCF1(35)
A-1	Tl-207 (Source: FGR 12)	1.980E-02	1.980E-02	DCF1(36)
A-1	Tl-210 (Source: no data)	0.000E+00	-2.000E+00	DCF1(37)
A-1	U-234 (Source: FGR 12)	4.017E-04	4.017E-04	DCF1(38)
A-1	U-235 (Source: FGR 12)	7.211E-01	7.211E-01	DCF1(39)
A-1	U-238 (Source: FGR 12)	1.031E-04	1.031E-04	DCF1(40)
A-1	Y-90 (Source: FGR 12)	2.391E-02	2.391E-02	DCF1(41)
B-1	Dose conversion factors for inhalation, mrem/pCi:			
B-1	Ac-227+D	6.724E+00	6.700E+00	DCF2(1)
B-1	C-14(p) (Class: ORGANIC)	2.090E-06	2.090E-06	DCF2(2)
B-1	C-14(g) (Class: CO2)	2.350E-08	2.350E-08	C14GInhDCF
B-1	Co-60	2.190E-04	2.190E-04	DCF2(3)
B-1	Cs-137+D	3.190E-05	3.190E-05	DCF2(4)
B-1	Eu-152	2.210E-04	2.210E-04	DCF2(5)

Dose Conversion Factor (and Related) Parameter Summary (continued)
Dose Library: FGR 11

Menu	Parameter	Current Value#	Base Case*	Parameter Name
B-1	Eu-154	2.860E-04	2.860E-04	DCF2(7)
B-1	Gd-152	2.430E-01	2.430E-01	DCF2(8)
B-1	H-3	6.400E-08	6.400E-08	DCF2(9)
B-1	Ni-63	6.290E-06	6.290E-06	DCF2(10)
B-1	Pa-231	1.280E+00	1.280E+00	DCF2(11)
B-1	Pb-210+D	2.320E-02	1.360E-02	DCF2(12)
B-1	Ra-226+D	8.594E-03	8.580E-03	DCF2(13)
B-1	Sr-90+D	1.308E-03	1.300E-03	DCF2(14)
B-1	Th-230	3.260E-01	3.260E-01	DCF2(15)
B-1	U-234	1.320E-01	1.320E-01	DCF2(16)
B-1	U-235+D	1.230E-01	1.230E-01	DCF2(17)
B-1	U-238	1.180E-01	1.180E-01	DCF2(18)
B-1	U-238+D	1.180E-01	1.180E-01	DCF2(19)
D-1	Dose conversion factors for ingestion, mrem/pCi:			
D-1	Ac-227+D	1.480E-02	1.410E-02	DCF3(1)
D-1	C-14	2.090E-06	2.090E-06	DCF3(2)
D-1	Co-60	2.690E-05	2.690E-05	DCF3(3)
D-1	Cs-137+D	5.000E-05	5.000E-05	DCF3(4)
D-1	Eu-152	6.480E-06	6.480E-06	DCF3(5)
D-1	Eu-154	9.550E-06	9.550E-06	DCF3(7)
D-1	Gd-152	1.610E-04	1.610E-04	DCF3(8)
D-1	H-3	6.400E-08	6.400E-08	DCF3(9)
D-1	Ni-63	5.770E-07	5.770E-07	DCF3(10)
D-1	Pa-231	1.060E-02	1.060E-02	DCF3(11)
D-1	Pb-210+D	7.276E-03	5.370E-03	DCF3(12)
D-1	Ra-226+D	1.321E-03	1.320E-03	DCF3(13)
D-1	Sr-90+D	1.528E-04	1.420E-04	DCF3(14)
D-1	Th-230	5.480E-04	5.480E-04	DCF3(15)
D-1	U-234	2.830E-04	2.830E-04	DCF3(16)
D-1	U-235+D	2.673E-04	2.660E-04	DCF3(17)
D-1	U-238	2.550E-04	2.550E-04	DCF3(18)
D-1	U-238+D	2.687E-04	2.550E-04	DCF3(19)
D-34	Food transfer factors:			
D-34	Ac-227+D , plant/soil concentration ratio, dimensionless	2.500E-03	2.500E-03	RTF(1,1)
D-34	Ac-227+D , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	2.000E-05	2.000E-05	RTF(1,2)
D-34	Ac-227+D , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	2.000E-05	2.000E-05	RTF(1,3)
D-34				
D-34	C-14 , plant/soil concentration ratio, dimensionless	5.500E+00	5.500E+00	RTF(2,1)
D-34	C-14 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	3.100E-02	3.100E-02	RTF(2,2)
D-34	C-14 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	1.200E-02	1.200E-02	RTF(2,3)
D-34				
D-34	Co-60 , plant/soil concentration ratio, dimensionless	8.000E-02	8.000E-02	RTF(3,1)
D-34	Co-60 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	2.000E-02	2.000E-02	RTF(3,2)
D-34	Co-60 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	2.000E-03	2.000E-03	RTF(3,3)
D-34				
D-34	Cs-137+D , plant/soil concentration ratio, dimensionless	4.000E-02	4.000E-02	RTF(4,1)
D-34	Cs-137+D , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	3.000E-02	3.000E-02	RTF(4,2)
D-34	Cs-137+D , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	8.000E-03	8.000E-03	RTF(4,3)

Dose Conversion Factor (and Related) Parameter Summary (continued)
Dose Library: FGR 11

Menu	Parameter	Current Value#	Base Case*	Parameter Name
D-34	Eu-152 , plant/soil concentration ratio, dimensionless	2.500E-03	2.500E-03	RTF(5,1)
D-34	Eu-152 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	2.000E-03	2.000E-03	RTF(5,2)
D-34	Eu-152 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	5.000E-05	5.000E-05	RTF(5,3)
D-34				
D-34	Eu-154 , plant/soil concentration ratio, dimensionless	2.500E-03	2.500E-03	RTF(7,1)
D-34	Eu-154 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	2.000E-03	2.000E-03	RTF(7,2)
D-34	Eu-154 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	5.000E-05	5.000E-05	RTF(7,3)
D-34				
D-34	Gd-152 , plant/soil concentration ratio, dimensionless	2.500E-03	2.500E-03	RTF(8,1)
D-34	Gd-152 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	2.000E-03	2.000E-03	RTF(8,2)
D-34	Gd-152 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	2.000E-05	2.000E-05	RTF(8,3)
D-34				
D-34	H-3 , plant/soil concentration ratio, dimensionless	4.800E+00	4.800E+00	RTF(9,1)
D-34	H-3 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	1.200E-02	1.200E-02	RTF(9,2)
D-34	H-3 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	1.000E-02	1.000E-02	RTF(9,3)
D-34				
D-34	Ni-63 , plant/soil concentration ratio, dimensionless	5.000E-02	5.000E-02	RTF(10,1)
D-34	Ni-63 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	5.000E-03	5.000E-03	RTF(10,2)
D-34	Ni-63 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	2.000E-02	2.000E-02	RTF(10,3)
D-34				
D-34	Pa-231 , plant/soil concentration ratio, dimensionless	1.000E-02	1.000E-02	RTF(11,1)
D-34	Pa-231 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	5.000E-03	5.000E-03	RTF(11,2)
D-34	Pa-231 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	5.000E-06	5.000E-06	RTF(11,3)
D-34				
D-34	Pb-210+D , plant/soil concentration ratio, dimensionless	1.000E-02	1.000E-02	RTF(12,1)
D-34	Pb-210+D , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	8.000E-04	8.000E-04	RTF(12,2)
D-34	Pb-210+D , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	3.000E-04	3.000E-04	RTF(12,3)
D-34				
D-34	Ra-226+D , plant/soil concentration ratio, dimensionless	4.000E-02	4.000E-02	RTF(13,1)
D-34	Ra-226+D , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	1.000E-03	1.000E-03	RTF(13,2)
D-34	Ra-226+D , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	1.000E-03	1.000E-03	RTF(13,3)
D-34				
D-34	Sr-90+D , plant/soil concentration ratio, dimensionless	3.000E-01	3.000E-01	RTF(14,1)
D-34	Sr-90+D , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	8.000E-03	8.000E-03	RTF(14,2)
D-34	Sr-90+D , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	2.000E-03	2.000E-03	RTF(14,3)
D-34				
D-34	Th-230 , plant/soil concentration ratio, dimensionless	1.000E-03	1.000E-03	RTF(15,1)
D-34	Th-230 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	1.000E-04	1.000E-04	RTF(15,2)
D-34	Th-230 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	5.000E-06	5.000E-06	RTF(15,3)
D-34				
D-34	U-234 , plant/soil concentration ratio, dimensionless	2.500E-03	2.500E-03	RTF(16,1)
D-34	U-234 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	3.400E-04	3.400E-04	RTF(16,2)
D-34	U-234 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	6.000E-04	6.000E-04	RTF(16,3)
D-34				
D-34	U-235+D , plant/soil concentration ratio, dimensionless	2.500E-03	2.500E-03	RTF(17,1)
D-34	U-235+D , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	3.400E-04	3.400E-04	RTF(17,2)
D-34	U-235+D , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	6.000E-04	6.000E-04	RTF(17,3)
D-34				

Dose Conversion Factor (and Related) Parameter Summary (continued)
Dose Library: FGR 11

Menu	Parameter	Current Value#	Base Case*	Parameter Name
D-34	U-238 , plant/soil concentration ratio, dimensionless	2.500E-03	2.500E-03	RTF(18,1)
D-34	U-238 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	3.400E-04	3.400E-04	RTF(18,2)
D-34	U-238 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	6.000E-04	6.000E-04	RTF(18,3)
D-34				
D-34	U-238+D , plant/soil concentration ratio, dimensionless	2.500E-03	2.500E-03	RTF(19,1)
D-34	U-238+D , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	3.400E-04	3.400E-04	RTF(19,2)
D-34	U-238+D , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	6.000E-04	6.000E-04	RTF(19,3)
D-5	Bioaccumulation factors, fresh water, L/kg:			
D-5	Ac-227+D , fish	1.500E+01	1.500E+01	BIOFAC(1,1)
D-5	Ac-227+D , crustacea and mollusks	1.000E+03	1.000E+03	BIOFAC(1,2)
D-5				
D-5	C-14 , fish	5.000E+04	5.000E+04	BIOFAC(2,1)
D-5	C-14 , crustacea and mollusks	9.100E+03	9.100E+03	BIOFAC(2,2)
D-5				
D-5	Co-60 , fish	3.000E+02	3.000E+02	BIOFAC(3,1)
D-5	Co-60 , crustacea and mollusks	2.000E+02	2.000E+02	BIOFAC(3,2)
D-5				
D-5	Cs-137+D , fish	2.000E+03	2.000E+03	BIOFAC(4,1)
D-5	Cs-137+D , crustacea and mollusks	1.000E+02	1.000E+02	BIOFAC(4,2)
D-5				
D-5	Eu-152 , fish	5.000E+01	5.000E+01	BIOFAC(5,1)
D-5	Eu-152 , crustacea and mollusks	1.000E+03	1.000E+03	BIOFAC(5,2)
D-5				
D-5	Eu-154 , fish	5.000E+01	5.000E+01	BIOFAC(7,1)
D-5	Eu-154 , crustacea and mollusks	1.000E+03	1.000E+03	BIOFAC(7,2)
D-5				
D-5	Gd-152 , fish	2.500E+01	2.500E+01	BIOFAC(8,1)
D-5	Gd-152 , crustacea and mollusks	1.000E+03	1.000E+03	BIOFAC(8,2)
D-5				
D-5	H-3 , fish	1.000E+00	1.000E+00	BIOFAC(9,1)
D-5	H-3 , crustacea and mollusks	1.000E+00	1.000E+00	BIOFAC(9,2)
D-5				
D-5	Ni-63 , fish	1.000E+02	1.000E+02	BIOFAC(10,1)
D-5	Ni-63 , crustacea and mollusks	1.000E+02	1.000E+02	BIOFAC(10,2)
D-5				
D-5	Pa-231 , fish	1.000E+01	1.000E+01	BIOFAC(11,1)
D-5	Pa-231 , crustacea and mollusks	1.100E+02	1.100E+02	BIOFAC(11,2)
D-5				
D-5	Pb-210+D , fish	3.000E+02	3.000E+02	BIOFAC(12,1)
D-5	Pb-210+D , crustacea and mollusks	1.000E+02	1.000E+02	BIOFAC(12,2)
D-5				
D-5	Ra-226+D , fish	5.000E+01	5.000E+01	BIOFAC(13,1)
D-5	Ra-226+D , crustacea and mollusks	2.500E+02	2.500E+02	BIOFAC(13,2)
D-5				
D-5	Sr-90+D , fish	6.000E+01	6.000E+01	BIOFAC(14,1)
D-5	Sr-90+D , crustacea and mollusks	1.000E+02	1.000E+02	BIOFAC(14,2)
D-5				
D-5	Th-230 , fish	1.000E+02	1.000E+02	BIOFAC(15,1)
D-5	Th-230 , crustacea and mollusks	5.000E+02	5.000E+02	BIOFAC(15,2)

Dose Conversion Factor (and Related) Parameter Summary (continued)
Dose Library: FGR 11

Menu	Parameter	Current Value#	Base Case*	Parameter Name
D-5	U-234 , fish	1.000E+01	1.000E+01	BIOFAC(16,1)
D-5	U-234 , crustacea and mollusks	6.000E+01	6.000E+01	BIOFAC(16,2)
D-5				
D-5	U-235+D , fish	1.000E+01	1.000E+01	BIOFAC(17,1)
D-5	U-235+D , crustacea and mollusks	6.000E+01	6.000E+01	BIOFAC(17,2)
D-5				
D-5	U-238 , fish	1.000E+01	1.000E+01	BIOFAC(18,1)
D-5	U-238 , crustacea and mollusks	6.000E+01	6.000E+01	BIOFAC(18,2)
D-5				
D-5	U-238+D , fish	1.000E+01	1.000E+01	BIOFAC(19,1)
D-5	U-238+D , crustacea and mollusks	6.000E+01	6.000E+01	BIOFAC(19,2)

#For DCF1(xxx) only, factors are for infinite depth & area. See ETFG table in Ground Pathway of Detailed Report.
*Base Case means Default.Lib w/o Associate Nuclide contributions.

Summary : HFBR SU 7A_Industrial_AVG Bkgd Subtract
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Site-Specific Parameter Summary

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R011	Area of contaminated zone (m**2)	1.460E+02	1.000E+04	---	AREA
R011	Thickness of contaminated zone (m)	5.000E+00	2.000E+00	---	THICK0
R011	Fraction of contamination that is submerged	0.000E+00	0.000E+00	---	SUBMFRACT
R011	Length parallel to aquifer flow (m)	1.200E+01	1.000E+02	---	LCZPAQ
R011	Basic radiation dose limit (mrem/yr)	2.500E+01	3.000E+01	---	BRDL
R011	Time since placement of material (yr)	0.000E+00	0.000E+00	---	TI
R011	Times for calculations (yr)	1.000E+00	1.000E+00	---	T(2)
R011	Times for calculations (yr)	5.000E+00	3.000E+00	---	T(3)
R011	Times for calculations (yr)	1.000E+01	1.000E+01	---	T(4)
R011	Times for calculations (yr)	5.000E+01	3.000E+01	---	T(5)
R011	Times for calculations (yr)	1.000E+02	1.000E+02	---	T(6)
R011	Times for calculations (yr)	5.000E+02	3.000E+02	---	T(7)
R011	Times for calculations (yr)	1.000E+03	1.000E+03	---	T(8)
R011	Times for calculations (yr)	not used	0.000E+00	---	T(9)
R011	Times for calculations (yr)	not used	0.000E+00	---	T(10)
R012	Initial principal radionuclide (pCi/g): Ac-227	1.530E-02	0.000E+00	---	S1(1)
R012	Initial principal radionuclide (pCi/g): C-14	1.036E+00	0.000E+00	---	S1(2)
R012	Initial principal radionuclide (pCi/g): Co-60	1.500E-02	0.000E+00	---	S1(3)
R012	Initial principal radionuclide (pCi/g): Cs-137	2.070E-03	0.000E+00	---	S1(4)
R012	Initial principal radionuclide (pCi/g): Eu-152	9.240E-02	0.000E+00	---	S1(5)
R012	Initial principal radionuclide (pCi/g): Eu-154	5.330E-02	0.000E+00	---	S1(7)
R012	Initial principal radionuclide (pCi/g): Gd-152	9.240E-02	0.000E+00	---	S1(8)
R012	Initial principal radionuclide (pCi/g): H-3	2.611E+02	0.000E+00	---	S1(9)
R012	Initial principal radionuclide (pCi/g): Ni-63	5.400E-01	0.000E+00	---	S1(10)
R012	Initial principal radionuclide (pCi/g): Pa-231	1.530E-02	0.000E+00	---	S1(11)
R012	Initial principal radionuclide (pCi/g): Pb-210	2.300E-01	0.000E+00	---	S1(12)
R012	Initial principal radionuclide (pCi/g): Ra-226	2.300E-01	0.000E+00	---	S1(13)
R012	Initial principal radionuclide (pCi/g): Sr-90	3.812E+00	0.000E+00	---	S1(14)
R012	Initial principal radionuclide (pCi/g): Th-230	3.680E-02	0.000E+00	---	S1(15)
R012	Initial principal radionuclide (pCi/g): U-234	3.680E-02	0.000E+00	---	S1(16)
R012	Initial principal radionuclide (pCi/g): U-235	1.530E-02	0.000E+00	---	S1(17)
R012	Initial principal radionuclide (pCi/g): U-238	3.680E-02	0.000E+00	---	S1(18)
R012	Concentration in groundwater (pCi/L): Ac-227	not used	0.000E+00	---	W1(1)
R012	Concentration in groundwater (pCi/L): C-14	not used	0.000E+00	---	W1(2)
R012	Concentration in groundwater (pCi/L): Co-60	not used	0.000E+00	---	W1(3)
R012	Concentration in groundwater (pCi/L): Cs-137	not used	0.000E+00	---	W1(4)
R012	Concentration in groundwater (pCi/L): Eu-152	not used	0.000E+00	---	W1(5)
R012	Concentration in groundwater (pCi/L): Eu-154	not used	0.000E+00	---	W1(7)
R012	Concentration in groundwater (pCi/L): Gd-152	not used	0.000E+00	---	W1(8)
R012	Concentration in groundwater (pCi/L): H-3	not used	0.000E+00	---	W1(9)
R012	Concentration in groundwater (pCi/L): Ni-63	not used	0.000E+00	---	W1(10)
R012	Concentration in groundwater (pCi/L): Pa-231	not used	0.000E+00	---	W1(11)
R012	Concentration in groundwater (pCi/L): Pb-210	not used	0.000E+00	---	W1(12)
R012	Concentration in groundwater (pCi/L): Ra-226	not used	0.000E+00	---	W1(13)
R012	Concentration in groundwater (pCi/L): Sr-90	not used	0.000E+00	---	W1(14)
R012	Concentration in groundwater (pCi/L): Th-230	not used	0.000E+00	---	W1(15)
R012	Concentration in groundwater (pCi/L): U-234	not used	0.000E+00	---	W1(16)
R012	Concentration in groundwater (pCi/L): U-235	not used	0.000E+00	---	W1(17)
R012	Concentration in groundwater (pCi/L): U-238	not used	0.000E+00	---	W1(18)

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Site-Specific Parameter Summary (continued)

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R013	Cover depth (m)	0.000E+00	0.000E+00	---	COVER0
R013	Density of cover material (g/cm**3)	not used	1.500E+00	---	DENSCV
R013	Cover depth erosion rate (m/yr)	not used	1.000E-03	---	VCV
R013	Density of contaminated zone (g/cm**3)	1.660E+00	1.500E+00	---	DENSCZ
R013	Contaminated zone erosion rate (m/yr)	1.000E-03	1.000E-03	---	VCZ
R013	Contaminated zone total porosity	3.300E-01	4.000E-01	---	TPCZ
R013	Contaminated zone field capacity	2.400E-01	2.000E-01	---	FCCZ
R013	Contaminated zone hydraulic conductivity (m/yr)	5.000E+03	1.000E+01	---	HCCZ
R013	Contaminated zone b parameter	4.900E+00	5.300E+00	---	BCZ
R013	Average annual wind speed (m/sec)	6.230E+00	2.000E+00	---	WIND
R013	Humidity in air (g/m**3)	8.000E+00	8.000E+00	---	HUMID
R013	Evapotranspiration coefficient	4.600E-01	5.000E-01	---	EVAPTR
R013	Precipitation (m/yr)	1.230E+00	1.000E+00	---	PRECIP
R013	Irrigation (m/yr)	2.600E-01	2.000E-01	---	RI
R013	Irrigation mode	overhead	overhead	---	IDITCH
R013	Runoff coefficient	2.000E-01	2.000E-01	---	RUNOFF
R013	Watershed area for nearby stream or pond (m**2)	1.000E+06	1.000E+06	---	WAREA
R013	Accuracy for water/soil computations	1.000E-03	1.000E-03	---	EPS
R014	Density of saturated zone (g/cm**3)	1.660E+00	1.500E+00	---	DENSAQ
R014	Saturated zone total porosity	3.300E-01	4.000E-01	---	TPSZ
R014	Saturated zone effective porosity	2.400E-01	2.000E-01	---	EPSZ
R014	Saturated zone field capacity	2.000E-01	2.000E-01	---	FCSZ
R014	Saturated zone hydraulic conductivity (m/yr)	2.000E+04	1.000E+02	---	HCSZ
R014	Saturated zone hydraulic gradient	4.800E-03	2.000E-02	---	HGWT
R014	Saturated zone b parameter	4.900E+00	5.300E+00	---	BSZ
R014	Water table drop rate (m/yr)	1.000E-03	1.000E-03	---	VWT
R014	Well pump intake depth (m below water table)	1.800E+01	1.000E+01	---	DWIBWT
R014	Model: Nondispersion (ND) or Mass-Balance (MB)	ND	ND	---	MODEL
R014	Well pumping rate (m**3/yr)	2.500E+02	2.500E+02	---	UW
R015	Number of unsaturated zone strata	1	1	---	NS
R015	Unsat. zone 1, thickness (m)	0.000E+00	4.000E+00	---	H(1)
R015	Unsat. zone 1, soil density (g/cm**3)	1.660E+00	1.500E+00	---	DENSUZ(1)
R015	Unsat. zone 1, total porosity	3.300E-01	4.000E-01	---	TPUZ(1)
R015	Unsat. zone 1, effective porosity	2.400E-01	2.000E-01	---	EPUZ(1)
R015	Unsat. zone 1, field capacity	2.000E-01	2.000E-01	---	FCUZ(1)
R015	Unsat. zone 1, soil-specific b parameter	4.900E+00	5.300E+00	---	BUZ(1)
R015	Unsat. zone 1, hydraulic conductivity (m/yr)	5.000E+03	1.000E+01	---	HCUZ(1)
R016	Distribution coefficients for Ac-227				
R016	Contaminated zone (cm**3/g)	2.000E+01	2.000E+01	---	DCNUCC(1)
R016	Unsaturated zone 1 (cm**3/g)	2.000E+01	2.000E+01	---	DCNUCU(1,1)
R016	Saturated zone (cm**3/g)	2.000E+01	2.000E+01	---	DCNUCS(1)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	4.018E-03	ALEACH(1)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(1)

Site-Specific Parameter Summary (continued)

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R016	Distribution coefficients for C-14				
R016	Contaminated zone (cm**3/g)	0.000E+00	0.000E+00	---	DCNUCC(2)
R016	Unsaturated zone 1 (cm**3/g)	0.000E+00	0.000E+00	---	DCNUCU(2,1)
R016	Saturated zone (cm**3/g)	0.000E+00	0.000E+00	---	DCNUCS(2)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	5.598E-01	ALEACH(2)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(2)
R016	Distribution coefficients for Co-60				
R016	Contaminated zone (cm**3/g)	2.600E+02	1.000E+03	---	DCNUCC(3)
R016	Unsaturated zone 1 (cm**3/g)	2.600E+02	1.000E+03	---	DCNUCU(3,1)
R016	Saturated zone (cm**3/g)	2.600E+02	1.000E+03	---	DCNUCS(3)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	3.111E-04	ALEACH(3)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(3)
R016	Distribution coefficients for Cs-137				
R016	Contaminated zone (cm**3/g)	5.300E+02	4.600E+03	---	DCNUCC(4)
R016	Unsaturated zone 1 (cm**3/g)	5.300E+02	4.600E+03	---	DCNUCU(4,1)
R016	Saturated zone (cm**3/g)	5.300E+02	4.600E+03	---	DCNUCS(4)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	1.527E-04	ALEACH(4)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(4)
R016	Distribution coefficients for Eu-152				
R016	Contaminated zone (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCC(5)
R016	Unsaturated zone 1 (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCU(5,1)
R016	Saturated zone (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCS(5)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	9.810E-05	ALEACH(5)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(5)
R016	Distribution coefficients for Eu-154				
R016	Contaminated zone (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCC(7)
R016	Unsaturated zone 1 (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCU(7,1)
R016	Saturated zone (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCS(7)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	9.810E-05	ALEACH(7)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(7)
R016	Distribution coefficients for Gd-152				
R016	Contaminated zone (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCC(8)
R016	Unsaturated zone 1 (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCU(8,1)
R016	Saturated zone (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCS(8)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	9.810E-05	ALEACH(8)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(8)
R016	Distribution coefficients for H-3				
R016	Contaminated zone (cm**3/g)	0.000E+00	0.000E+00	---	DCNUCC(9)
R016	Unsaturated zone 1 (cm**3/g)	0.000E+00	0.000E+00	---	DCNUCU(9,1)
R016	Saturated zone (cm**3/g)	0.000E+00	0.000E+00	---	DCNUCS(9)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	5.598E-01	ALEACH(9)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(9)

Site-Specific Parameter Summary (continued)

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R016	Distribution coefficients for Ni-63				
R016	Contaminated zone (cm**3/g)	1.000E+03	1.000E+03	---	DCNUCC(10)
R016	Unsaturated zone 1 (cm**3/g)	1.000E+03	1.000E+03	---	DCNUCU(10,1)
R016	Saturated zone (cm**3/g)	1.000E+03	1.000E+03	---	DCNUCS(10)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	8.092E-05	ALEACH(10)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(10)
R016	Distribution coefficients for Pa-231				
R016	Contaminated zone (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCC(11)
R016	Unsaturated zone 1 (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCU(11,1)
R016	Saturated zone (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCS(11)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	1.614E-03	ALEACH(11)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(11)
R016	Distribution coefficients for Pb-210				
R016	Contaminated zone (cm**3/g)	1.000E+02	1.000E+02	---	DCNUCC(12)
R016	Unsaturated zone 1 (cm**3/g)	1.000E+02	1.000E+02	---	DCNUCU(12,1)
R016	Saturated zone (cm**3/g)	1.000E+02	1.000E+02	---	DCNUCS(12)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	8.082E-04	ALEACH(12)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(12)
R016	Distribution coefficients for Ra-226				
R016	Contaminated zone (cm**3/g)	7.000E+01	7.000E+01	---	DCNUCC(13)
R016	Unsaturated zone 1 (cm**3/g)	7.000E+01	7.000E+01	---	DCNUCU(13,1)
R016	Saturated zone (cm**3/g)	7.000E+01	7.000E+01	---	DCNUCS(13)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	1.154E-03	ALEACH(13)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(13)
R016	Distribution coefficients for Sr-90				
R016	Contaminated zone (cm**3/g)	2.200E+01	3.000E+01	---	DCNUCC(14)
R016	Unsaturated zone 1 (cm**3/g)	2.200E+01	3.000E+01	---	DCNUCU(14,1)
R016	Saturated zone (cm**3/g)	2.200E+01	3.000E+01	---	DCNUCS(14)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	3.655E-03	ALEACH(14)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(14)
R016	Distribution coefficients for Th-230				
R016	Contaminated zone (cm**3/g)	6.000E+04	6.000E+04	---	DCNUCC(15)
R016	Unsaturated zone 1 (cm**3/g)	6.000E+04	6.000E+04	---	DCNUCU(15,1)
R016	Saturated zone (cm**3/g)	6.000E+04	6.000E+04	---	DCNUCS(15)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	1.349E-06	ALEACH(15)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(15)
R016	Distribution coefficients for U-234				
R016	Contaminated zone (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCC(16)
R016	Unsaturated zone 1 (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCU(16,1)
R016	Saturated zone (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCS(16)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	1.614E-03	ALEACH(16)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(16)

Site-Specific Parameter Summary (continued)

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R016	Distribution coefficients for U-235				
R016	Contaminated zone (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCC(17)
R016	Unsaturated zone 1 (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCU(17,1)
R016	Saturated zone (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCS(17)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	1.614E-03	ALEACH(17)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(17)
R016	Distribution coefficients for U-238				
R016	Contaminated zone (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCC(18)
R016	Unsaturated zone 1 (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCU(18,1)
R016	Saturated zone (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCS(18)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	1.614E-03	ALEACH(18)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(18)
R017	Inhalation rate (m**3/yr)	7.300E+03	8.400E+03	---	INHALR
R017	Mass loading for inhalation (g/m**3)	1.000E-04	1.000E-04	---	MLINH
R017	Exposure duration	3.000E+01	3.000E+01	---	ED
R017	Shielding factor, inhalation	4.000E-01	4.000E-01	---	SHF3
R017	Shielding factor, external gamma	8.000E-01	7.000E-01	---	SHF1
R017	Fraction of time spent indoors	5.000E-01	5.000E-01	---	FIND
R017	Fraction of time spent outdoors (on site)	2.500E-01	2.500E-01	---	FOTD
R017	Shape factor flag, external gamma	1.000E+00	1.000E+00	>0 shows circular AREA.	FS
R017	Radii of shape factor array (used if FS = -1):				
R017	Outer annular radius (m), ring 1:	not used	5.000E+01	---	RAD_SHAPE(1)
R017	Outer annular radius (m), ring 2:	not used	7.071E+01	---	RAD_SHAPE(2)
R017	Outer annular radius (m), ring 3:	not used	0.000E+00	---	RAD_SHAPE(3)
R017	Outer annular radius (m), ring 4:	not used	0.000E+00	---	RAD_SHAPE(4)
R017	Outer annular radius (m), ring 5:	not used	0.000E+00	---	RAD_SHAPE(5)
R017	Outer annular radius (m), ring 6:	not used	0.000E+00	---	RAD_SHAPE(6)
R017	Outer annular radius (m), ring 7:	not used	0.000E+00	---	RAD_SHAPE(7)
R017	Outer annular radius (m), ring 8:	not used	0.000E+00	---	RAD_SHAPE(8)
R017	Outer annular radius (m), ring 9:	not used	0.000E+00	---	RAD_SHAPE(9)
R017	Outer annular radius (m), ring 10:	not used	0.000E+00	---	RAD_SHAPE(10)
R017	Outer annular radius (m), ring 11:	not used	0.000E+00	---	RAD_SHAPE(11)
R017	Outer annular radius (m), ring 12:	not used	0.000E+00	---	RAD_SHAPE(12)
R017	Fractions of annular areas within AREA:				
R017	Ring 1	not used	1.000E+00	---	FRACA(1)
R017	Ring 2	not used	2.732E-01	---	FRACA(2)
R017	Ring 3	not used	0.000E+00	---	FRACA(3)
R017	Ring 4	not used	0.000E+00	---	FRACA(4)
R017	Ring 5	not used	0.000E+00	---	FRACA(5)
R017	Ring 6	not used	0.000E+00	---	FRACA(6)
R017	Ring 7	not used	0.000E+00	---	FRACA(7)
R017	Ring 8	not used	0.000E+00	---	FRACA(8)
R017	Ring 9	not used	0.000E+00	---	FRACA(9)
R017	Ring 10	not used	0.000E+00	---	FRACA(10)
R017	Ring 11	not used	0.000E+00	---	FRACA(11)
R017	Ring 12	not used	0.000E+00	---	FRACA(12)

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Site-Specific Parameter Summary (continued)

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R018	Fruits, vegetables and grain consumption (kg/yr)	not used	1.600E+02	---	DIET(1)
R018	Leafy vegetable consumption (kg/yr)	not used	1.400E+01	---	DIET(2)
R018	Milk consumption (L/yr)	not used	9.200E+01	---	DIET(3)
R018	Meat and poultry consumption (kg/yr)	not used	6.300E+01	---	DIET(4)
R018	Fish consumption (kg/yr)	not used	5.400E+00	---	DIET(5)
R018	Other seafood consumption (kg/yr)	not used	9.000E-01	---	DIET(6)
R018	Soil ingestion rate (g/yr)	4.380E+01	3.650E+01	---	SOIL
R018	Drinking water intake (L/yr)	7.000E+02	5.100E+02	---	DWI
R018	Contamination fraction of drinking water	1.000E+00	1.000E+00	---	FDW
R018	Contamination fraction of household water	not used	1.000E+00	---	FHHW
R018	Contamination fraction of livestock water	not used	1.000E+00	---	FLW
R018	Contamination fraction of irrigation water	not used	1.000E+00	---	FIRW
R018	Contamination fraction of aquatic food	not used	5.000E-01	---	FR9
R018	Contamination fraction of plant food	not used	-1	---	FPLANT
R018	Contamination fraction of meat	not used	-1	---	FMEAT
R018	Contamination fraction of milk	not used	-1	---	FMILK
R019	Livestock fodder intake for meat (kg/day)	not used	6.800E+01	---	LFI5
R019	Livestock fodder intake for milk (kg/day)	not used	5.500E+01	---	LFI6
R019	Livestock water intake for meat (L/day)	not used	5.000E+01	---	LWI5
R019	Livestock water intake for milk (L/day)	not used	1.600E+02	---	LWI6
R019	Livestock soil intake (kg/day)	not used	5.000E-01	---	LSI
R019	Mass loading for foliar deposition (g/m**3)	not used	1.000E-04	---	MLFD
R019	Depth of soil mixing layer (m)	1.500E-01	1.500E-01	---	DM
R019	Depth of roots (m)	not used	9.000E-01	---	DROOT
R019	Drinking water fraction from ground water	1.000E+00	1.000E+00	---	FGWDW
R019	Household water fraction from ground water	not used	1.000E+00	---	FGWHH
R019	Livestock water fraction from ground water	not used	1.000E+00	---	FGWLW
R019	Irrigation fraction from ground water	not used	1.000E+00	---	FGWIR
R19B	Wet weight crop yield for Non-Leafy (kg/m**2)	not used	7.000E-01	---	YV(1)
R19B	Wet weight crop yield for Leafy (kg/m**2)	not used	1.500E+00	---	YV(2)
R19B	Wet weight crop yield for Fodder (kg/m**2)	not used	1.100E+00	---	YV(3)
R19B	Growing Season for Non-Leafy (years)	not used	1.700E-01	---	TE(1)
R19B	Growing Season for Leafy (years)	not used	2.500E-01	---	TE(2)
R19B	Growing Season for Fodder (years)	not used	8.000E-02	---	TE(3)
R19B	Translocation Factor for Non-Leafy	not used	1.000E-01	---	TIV(1)
R19B	Translocation Factor for Leafy	not used	1.000E+00	---	TIV(2)
R19B	Translocation Factor for Fodder	not used	1.000E+00	---	TIV(3)
R19B	Dry Foliar Interception Fraction for Non-Leafy	not used	2.500E-01	---	RDRY(1)
R19B	Dry Foliar Interception Fraction for Leafy	not used	2.500E-01	---	RDRY(2)
R19B	Dry Foliar Interception Fraction for Fodder	not used	2.500E-01	---	RDRY(3)
R19B	Wet Foliar Interception Fraction for Non-Leafy	not used	2.500E-01	---	RWET(1)
R19B	Wet Foliar Interception Fraction for Leafy	not used	2.500E-01	---	RWET(2)
R19B	Wet Foliar Interception Fraction for Fodder	not used	2.500E-01	---	RWET(3)
R19B	Weathering Removal Constant for Vegetation	not used	2.000E+01	---	WLAM
C14	C-12 concentration in water (g/cm**3)	2.000E-05	2.000E-05	---	C12WTR
C14	C-12 concentration in contaminated soil (g/g)	3.000E-02	3.000E-02	---	C12CZ
C14	Fraction of vegetation carbon from soil	2.000E-02	2.000E-02	---	CSOIL

Site-Specific Parameter Summary (continued)

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
C14	Fraction of vegetation carbon from air	9.800E-01	9.800E-01	---	CAIR
C14	C-14 evasion layer thickness in soil (m)	3.000E-01	3.000E-01	---	DMC
C14	C-14 evasion flux rate from soil (1/sec)	7.000E-07	7.000E-07	---	EVSN
C14	C-12 evasion flux rate from soil (1/sec)	1.000E-10	1.000E-10	---	REVSN
C14	Fraction of grain in beef cattle feed	8.000E-01	8.000E-01	---	AVFG4
C14	Fraction of grain in milk cow feed	2.000E-01	2.000E-01	---	AVFG5
STOR	Storage times of contaminated foodstuffs (days):				
STOR	Fruits, non-leafy vegetables, and grain	1.400E+01	1.400E+01	---	STOR_T(1)
STOR	Leafy vegetables	1.000E+00	1.000E+00	---	STOR_T(2)
STOR	Milk	1.000E+00	1.000E+00	---	STOR_T(3)
STOR	Meat and poultry	2.000E+01	2.000E+01	---	STOR_T(4)
STOR	Fish	7.000E+00	7.000E+00	---	STOR_T(5)
STOR	Crustacea and mollusks	7.000E+00	7.000E+00	---	STOR_T(6)
STOR	Well water	1.000E+00	1.000E+00	---	STOR_T(7)
STOR	Surface water	1.000E+00	1.000E+00	---	STOR_T(8)
STOR	Livestock fodder	4.500E+01	4.500E+01	---	STOR_T(9)
R021	Thickness of building foundation (m)	not used	1.500E-01	---	FLOOR1
R021	Bulk density of building foundation (g/cm**3)	not used	2.400E+00	---	DENSFL
R021	Total porosity of the cover material	not used	4.000E-01	---	TPCV
R021	Total porosity of the building foundation	not used	1.000E-01	---	TPFL
R021	Volumetric water content of the cover material	not used	5.000E-02	---	PH2OCV
R021	Volumetric water content of the foundation	not used	3.000E-02	---	PH2OFL
R021	Diffusion coefficient for radon gas (m/sec):				
R021	in cover material	not used	2.000E-06	---	DIFCV
R021	in foundation material	not used	3.000E-07	---	DIFFL
R021	in contaminated zone soil	not used	2.000E-06	---	DIFCZ
R021	Radon vertical dimension of mixing (m)	not used	2.000E+00	---	HMIX
R021	Average building air exchange rate (1/hr)	not used	5.000E-01	---	REXG
R021	Height of the building (room) (m)	not used	2.500E+00	---	HRM
R021	Building interior area factor	not used	0.000E+00	---	FAI
R021	Building depth below ground surface (m)	not used	-1.000E+00	---	DMFL
R021	Emanating power of Rn-222 gas	not used	2.500E-01	---	EMANA(1)
R021	Emanating power of Rn-220 gas	not used	1.500E-01	---	EMANA(2)
TITL	Number of graphical time points	32	---	---	NPTS
TITL	Maximum number of integration points for dose	17	---	---	LYMAX
TITL	Maximum number of integration points for risk	257	---	---	KYMAX

Summary : HFBR SU 7A_Industrial_AVG Bkgd Subtract
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Summary of Pathway Selections

Pathway	User Selection
1 -- external gamma	active
2 -- inhalation (w/o radon)	active
3 -- plant ingestion	suppressed
4 -- meat ingestion	suppressed
5 -- milk ingestion	suppressed
6 -- aquatic foods	suppressed
7 -- drinking water	active
8 -- soil ingestion	active
9 -- radon	suppressed
Find peak pathway doses	suppressed

Summary : HFBR SU 7A_Industrial_AVG Bkgd Subtract
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Contaminated Zone Dimensions		Initial Soil Concentrations, pCi/g	
Area:	146.00 square meters	Ac-227	1.530E-02
Thickness:	5.00 meters	C-14	1.036E+00
Cover Depth:	0.00 meters	Co-60	1.500E-02
		Cs-137	2.070E-03
		Eu-152	9.240E-02
		Eu-154	5.330E-02
		Gd-152	9.240E-02
		H-3	2.611E+02
		Ni-63	5.400E-01
		Pa-231	1.530E-02
		Pb-210	2.300E-01
		Ra-226	2.300E-01
		Sr-90	3.812E+00
		Th-230	3.680E-02
		U-234	3.680E-02
		U-235	1.530E-02
		U-238	3.680E-02

Total Dose TDOSE(t), mrem/yr
Basic Radiation Dose Limit = 2.500E+01 mrem/yr
Total Mixture Sum M(t) = Fraction of Basic Dose Limit Received at Time (t)

t (years):	0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
TDOSE(t):	2.391E+00	2.218E+00	2.043E+00	1.907E+00	1.472E+00	1.316E+00	7.197E-01	3.586E-01
M(t):	9.564E-02	8.871E-02	8.173E-02	7.627E-02	5.889E-02	5.262E-02	2.879E-02	1.434E-02

Maximum TDOSE(t): 2.391E+00 mrem/yr at t = 0.000E+00 years

Summary : HFBR SU 7A_Industrial_AVG Bkgd Subtract
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Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 0.000E+00 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	1.637E-02	0.0068	1.343E-03	0.0006	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.067E-03	0.0004
C-14	3.470E-06	0.0000	1.014E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.669E-06	0.0000
Co-60	1.203E-01	0.0503	4.091E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.813E-06	0.0000
Cs-137	3.676E-03	0.0015	8.677E-10	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.907E-07	0.0000
Eu-152	3.349E-01	0.1401	2.645E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.798E-06	0.0000
Eu-154	2.081E-01	0.0871	1.949E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.348E-06	0.0000
Gd-152	0.000E+00	0.0000	2.985E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.135E-05	0.0000
H-3	0.000E+00	0.0000	5.077E-03	0.0021	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.873E-05	0.0000
Ni-63	0.000E+00	0.0000	4.499E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.489E-06	0.0000
Pa-231	1.834E-03	0.0008	2.816E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.943E-04	0.0003
Pb-210	7.538E-04	0.0003	6.980E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.900E-03	0.0033
Ra-226	1.360E+00	0.5690	2.735E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.579E-03	0.0007
Sr-90	4.889E-02	0.0204	6.540E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.756E-03	0.0012
Th-230	7.181E-05	0.0000	1.595E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.677E-05	0.0000
U-234	8.312E-06	0.0000	6.452E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.991E-05	0.0000
U-235	6.387E-03	0.0027	2.500E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.961E-05	0.0000
U-238	2.973E-03	0.0012	5.770E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.739E-05	0.0000
Total	2.105E+00	0.8803	7.480E-03	0.0031	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.444E-02	0.0060

Summary : HFBR SU 7A_Industrial_AVG Bkgd Subtract
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Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 0.000E+00 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	5.645E-03	0.0024	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.443E-02	0.0102
C-14	2.160E-02	0.0090	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.162E-02	0.0090
Co-60	3.119E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.203E-01	0.0503
Cs-137	1.747E-10	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.677E-03	0.0015
Eu-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.349E-01	0.1401
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.081E-01	0.0871
Gd-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.698E-04	0.0002
H-3	2.222E-01	0.0929	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.273E-01	0.0951
Ni-63	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.534E-06	0.0000
Pa-231	7.138E-04	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.624E-03	0.0015
Pb-210	1.441E-03	0.0006	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.016E-02	0.0043
Ra-226	6.181E-04	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.363E+00	0.5699
Sr-90	1.204E-02	0.0050	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.375E-02	0.0267
Th-230	1.230E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.281E-04	0.0001
U-234	4.050E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.632E-04	0.0001
U-235	1.592E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.447E-03	0.0027
U-238	3.845E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.117E-03	0.0013
Total	2.643E-01	0.1106	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.391E+00	1.0000

*Sum of all water independent and dependent pathways.

Summary : HFBR SU 7A_Industrial_AVG Bkgd Subtract
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Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+00 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	1.580E-02	0.0071	1.296E-03	0.0006	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.029E-03	0.0005
C-14	5.255E-07	0.0000	1.536E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.071E-07	0.0000
Co-60	1.055E-01	0.0476	3.586E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.589E-06	0.0000
Cs-137	3.592E-03	0.0016	8.477E-10	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.794E-07	0.0000
Eu-152	3.179E-01	0.1433	2.511E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.656E-06	0.0000
Eu-154	1.924E-01	0.0867	1.801E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.169E-06	0.0000
Gd-152	0.000E+00	0.0000	2.984E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.134E-05	0.0000
H-3	0.000E+00	0.0000	1.700E-03	0.0008	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.632E-05	0.0000
Ni-63	0.000E+00	0.0000	4.466E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.478E-06	0.0000
Pa-231	2.343E-03	0.0011	3.231E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.263E-04	0.0004
Pb-210	7.302E-04	0.0003	6.761E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.652E-03	0.0035
Ra-226	1.358E+00	0.6125	2.944E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.818E-03	0.0008
Sr-90	4.757E-02	0.0214	6.363E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.681E-03	0.0012
Th-230	1.660E-04	0.0001	1.595E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.689E-05	0.0000
U-234	8.300E-06	0.0000	6.442E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.983E-05	0.0000
U-235	6.377E-03	0.0029	2.497E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.960E-05	0.0000
U-238	2.968E-03	0.0013	5.760E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.731E-05	0.0000
Total	2.053E+00	0.9260	4.087E-03	0.0018	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.432E-02	0.0065

Summary : HFBR SU 7A_Industrial_AVG Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\SU 7A_INDUSTRIAL_AVG BKGD SUBTRACT.RAD

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+00 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	1.648E-02	0.0074	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.461E-02	0.0156
C-14	3.686E-03	0.0017	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.689E-03	0.0017
Co-60	8.372E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.055E-01	0.0476
Cs-137	5.207E-10	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.592E-03	0.0016
Eu-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.179E-01	0.1433
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.924E-01	0.0867
Gd-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.698E-04	0.0002
H-3	8.124E-02	0.0366	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.296E-02	0.0374
Ni-63	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.523E-06	0.0000
Pa-231	2.471E-03	0.0011	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.963E-03	0.0027
Pb-210	4.218E-03	0.0019	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.267E-02	0.0057
Ra-226	2.008E-03	0.0009	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.362E+00	0.6142
Sr-90	3.542E-02	0.0160	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.573E-02	0.0387
Th-230	9.120E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.225E-04	0.0002
U-234	1.218E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.443E-04	0.0001
U-235	4.791E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.469E-03	0.0029
U-238	1.156E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.189E-03	0.0014
Total	1.458E-01	0.0657	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.218E+00	1.0000

*Sum of all water independent and dependent pathways.

Summary : HFBR SU 7A_Industrial_AVG Bkgd Subtract
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Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+00 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	1.369E-02	0.0067	1.123E-03	0.0005	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.915E-04	0.0004
C-14	2.749E-10	0.0000	8.036E-10	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.699E-10	0.0000
Co-60	6.225E-02	0.0305	2.117E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.380E-07	0.0000
Cs-137	3.273E-03	0.0016	7.724E-10	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.368E-07	0.0000
Eu-152	2.581E-01	0.1263	2.039E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.156E-06	0.0000
Eu-154	1.403E-01	0.0687	1.314E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.583E-06	0.0000
Gd-152	0.000E+00	0.0000	2.983E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.131E-05	0.0000
H-3	0.000E+00	0.0000	2.136E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.051E-07	0.0000
Ni-63	0.000E+00	0.0000	4.338E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.436E-06	0.0000
Pa-231	4.195E-03	0.0021	4.743E-04	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.426E-04	0.0005
Pb-210	6.427E-04	0.0003	5.952E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.736E-03	0.0033
Ra-226	1.350E+00	0.6605	3.712E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.697E-03	0.0013
Sr-90	4.262E-02	0.0209	5.701E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.402E-03	0.0012
Th-230	5.414E-04	0.0003	1.595E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.751E-05	0.0000
U-234	8.259E-06	0.0000	6.401E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.951E-05	0.0000
U-235	6.336E-03	0.0031	2.484E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.954E-05	0.0000
U-238	2.949E-03	0.0014	5.723E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.701E-05	0.0000
Total	1.885E+00	0.9223	2.376E-03	0.0012	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.396E-02	0.0068

Summary : HFBR SU 7A_Industrial_AVG Bkgd Subtract
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Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+00 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	3.032E-02	0.0148	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.602E-02	0.0225
C-14	1.931E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.932E-06	0.0000
Co-60	1.828E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.225E-02	0.0305
Cs-137	1.805E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.273E-03	0.0016
Eu-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.581E-01	0.1263
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.403E-01	0.0687
Gd-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.696E-04	0.0002
H-3	1.021E-03	0.0005	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.042E-03	0.0005
Ni-63	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.479E-06	0.0000
Pa-231	1.244E-02	0.0061	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.805E-02	0.0088
Pb-210	1.367E-02	0.0067	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.111E-02	0.0103
Ra-226	9.621E-03	0.0047	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.362E+00	0.6666
Sr-90	7.432E-02	0.0364	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.194E-01	0.0584
Th-230	1.456E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.999E-04	0.0004
U-234	4.458E-04	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.675E-04	0.0003
U-235	1.762E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.556E-03	0.0032
U-238	4.233E-04	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.477E-03	0.0017
Total	1.424E-01	0.0697	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.043E+00	1.0000

*Sum of all water independent and dependent pathways.

Summary : HFBR SU 7A_Industrial_AVG Bkgd Subtract
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Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+01 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	1.144E-02	0.0060	9.386E-04	0.0005	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.452E-04	0.0004
C-14	2.149E-14	0.0000	6.282E-14	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.892E-14	0.0000
Co-60	3.220E-02	0.0169	1.095E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.853E-07	0.0000
Cs-137	2.914E-03	0.0015	6.876E-10	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.888E-07	0.0000
Eu-152	1.989E-01	0.1043	1.571E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.662E-06	0.0000
Eu-154	9.459E-02	0.0496	8.856E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.067E-06	0.0000
Gd-152	0.000E+00	0.0000	2.982E-04	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.128E-05	0.0000
H-3	0.000E+00	0.0000	8.945E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.587E-10	0.0000
Ni-63	0.000E+00	0.0000	4.182E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.384E-06	0.0000
Pa-231	6.147E-03	0.0032	6.334E-04	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.064E-03	0.0006
Pb-210	5.480E-04	0.0003	5.074E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.743E-03	0.0030
Ra-226	1.339E+00	0.7023	4.534E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.639E-03	0.0019
Sr-90	3.715E-02	0.0195	4.970E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.094E-03	0.0011
Th-230	1.007E-03	0.0005	1.595E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.861E-05	0.0001
U-234	8.227E-06	0.0000	6.350E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.912E-05	0.0000
U-235	6.285E-03	0.0033	2.470E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.949E-05	0.0000
U-238	2.926E-03	0.0015	5.677E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.663E-05	0.0000
Total	1.733E+00	0.9089	2.321E-03	0.0012	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.358E-02	0.0071

Summary : HFBR SU 7A_Industrial_AVG Bkgd Subtract
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Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+01 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	2.534E-02	0.0133	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.846E-02	0.0202
C-14	1.512E-10	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.513E-10	0.0000
Co-60	1.809E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.221E-02	0.0169
Cs-137	3.085E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.914E-03	0.0015
Eu-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.989E-01	0.1043
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.459E-02	0.0496
Gd-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.695E-04	0.0002
H-3	4.276E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.366E-06	0.0000
Ni-63	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.426E-06	0.0000
Pa-231	2.063E-02	0.0108	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.848E-02	0.0149
Pb-210	2.231E-02	0.0117	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.866E-02	0.0150
Ra-226	2.309E-02	0.0121	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.366E+00	0.7163
Sr-90	6.477E-02	0.0340	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.041E-01	0.0546
Th-230	6.408E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.272E-03	0.0007
U-234	6.711E-04	0.0004	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.920E-04	0.0004
U-235	2.671E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.597E-03	0.0035
U-238	6.373E-04	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.666E-03	0.0019
Total	1.577E-01	0.0827	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.907E+00	1.0000

*Sum of all water independent and dependent pathways.

Summary : HFBR SU 7A_Industrial_AVG Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\SU 7A_INDUSTRIAL_AVG BKGD SUBTRACT.RAD

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+01 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	2.727E-03	0.0019	2.237E-04	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.776E-04	0.0001
C-14	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Co-60	1.652E-04	0.0001	5.618E-11	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.490E-09	0.0000
Cs-137	1.149E-03	0.0008	2.712E-10	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.534E-07	0.0000
Eu-152	2.475E-02	0.0168	1.955E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.068E-07	0.0000
Eu-154	4.035E-03	0.0027	3.777E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.551E-08	0.0000
Gd-152	0.000E+00	0.0000	2.970E-04	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.100E-05	0.0000
H-3	0.000E+00	0.0000	7.105E-27	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Ni-63	0.000E+00	0.0000	3.123E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.034E-06	0.0000
Pa-231	1.319E-02	0.0090	1.203E-03	0.0008	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.481E-03	0.0010
Pb-210	1.530E-04	0.0001	1.417E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.604E-03	0.0011
Ra-226	1.257E+00	0.8538	7.686E-05	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.299E-03	0.0050
Sr-90	1.239E-02	0.0084	1.657E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.982E-04	0.0005
Th-230	4.604E-03	0.0031	1.596E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.149E-04	0.0001
U-234	8.704E-06	0.0000	5.958E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.608E-05	0.0000
U-235	5.901E-03	0.0040	2.397E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.937E-05	0.0000
U-238	2.743E-03	0.0019	5.323E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.372E-05	0.0000
Total	1.329E+00	0.9026	2.128E-03	0.0014	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.156E-02	0.0078

Summary : HFBR SU 7A_Industrial_AVG Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\SU 7A_INDUSTRIAL_AVG BKGD SUBTRACT.RAD

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+01 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	6.027E-03	0.0041	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.155E-03	0.0062
C-14	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Co-60	4.501E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.652E-04	0.0001
Cs-137	5.914E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.149E-03	0.0008
Eu-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.475E-02	0.0168
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.035E-03	0.0027
Gd-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.680E-04	0.0002
H-3	3.404E-25	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.476E-25	0.0000
Ni-63	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.065E-06	0.0000
Pa-231	3.573E-02	0.0243	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.161E-02	0.0351
Pb-210	1.098E-02	0.0075	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.275E-02	0.0087
Ra-226	5.381E-02	0.0365	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.318E+00	0.8954
Sr-90	2.155E-02	0.0146	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.466E-02	0.0235
Th-230	1.178E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.997E-03	0.0034
U-234	6.282E-04	0.0004	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.425E-04	0.0005
U-235	2.749E-04	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.219E-03	0.0042
U-238	5.966E-04	0.0004	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.436E-03	0.0023
Total	1.297E-01	0.0881	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.472E+00	1.0000

*Sum of all water independent and dependent pathways.

Summary : HFBR SU 7A_Industrial_AVG Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\SU 7A_INDUSTRIAL_AVG BKGD SUBTRACT.RAD

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+02 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	4.540E-04	0.0003	3.725E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.958E-05	0.0000
C-14	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Co-60	2.269E-07	0.0000	7.714E-14	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.419E-12	0.0000
Cs-137	3.592E-04	0.0003	8.478E-11	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.794E-08	0.0000
Eu-152	1.829E-03	0.0014	1.445E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.529E-08	0.0000
Eu-154	7.822E-05	0.0001	7.323E-11	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.822E-10	0.0000
Gd-152	0.000E+00	0.0000	2.956E-04	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.065E-05	0.0001
H-3	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Ni-63	0.000E+00	0.0000	2.168E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.174E-07	0.0000
Pa-231	1.407E-02	0.0107	1.266E-03	0.0010	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.490E-03	0.0011
Pb-210	3.106E-05	0.0000	2.877E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.255E-04	0.0002
Ra-226	1.161E+00	0.8828	8.147E-05	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.928E-03	0.0060
Sr-90	3.139E-03	0.0024	4.199E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.769E-04	0.0001
Th-230	8.789E-03	0.0067	1.598E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.418E-04	0.0001
U-234	1.095E-05	0.0000	5.502E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.255E-05	0.0000
U-235	5.458E-03	0.0041	2.339E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.940E-05	0.0000
U-238	2.530E-03	0.0019	4.911E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.034E-05	0.0000
Total	1.198E+00	0.9107	1.974E-03	0.0015	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.026E-02	0.0078

Summary : HFBR SU 7A_Industrial_AVG Bkgd Subtract
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Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+02 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	1.001E-03	0.0008	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.522E-03	0.0012
C-14	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Co-60	9.073E-12	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.269E-07	0.0000
Cs-137	3.708E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.593E-04	0.0003
Eu-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.829E-03	0.0014
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.822E-05	0.0001
Gd-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.662E-04	0.0003
H-3	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Ni-63	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.391E-07	0.0000
Pa-231	3.707E-02	0.0282	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.389E-02	0.0410
Pb-210	2.226E-03	0.0017	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.585E-03	0.0020
Ra-226	5.775E-02	0.0439	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.227E+00	0.9328
Sr-90	5.448E-03	0.0041	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.768E-03	0.0067
Th-230	2.976E-04	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.389E-03	0.0071
U-234	5.784E-04	0.0004	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.869E-04	0.0005
U-235	2.907E-04	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.791E-03	0.0044
U-238	5.494E-04	0.0004	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.169E-03	0.0024
Total	1.052E-01	0.0800	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.316E+00	1.0000

*Sum of all water independent and dependent pathways.

Summary : HFBR SU 7A_Industrial_AVG Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\SU 7A_INDUSTRIAL_AVG BKGD SUBTRACT.RAD

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+02 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	2.684E-10	0.0000	2.202E-11	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.748E-11	0.0000
C-14	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Co-60	2.868E-30	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Cs-137	3.274E-08	0.0000	7.728E-15	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.370E-12	0.0000
Eu-152	1.630E-12	0.0000	1.108E-17	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.596E-17	0.0000
Eu-154	1.560E-18	0.0000	1.460E-24	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.759E-23	0.0000
Gd-152	0.000E+00	0.0000	2.842E-04	0.0004	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.793E-05	0.0001
H-3	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Ni-63	0.000E+00	0.0000	1.169E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.868E-08	0.0000
Pa-231	7.536E-03	0.0105	6.761E-04	0.0009	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.888E-04	0.0011
Pb-210	8.958E-11	0.0000	8.295E-12	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.388E-10	0.0000
Ra-226	6.156E-01	0.8553	4.475E-05	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.379E-03	0.0061
Sr-90	5.331E-08	0.0000	7.131E-11	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.005E-09	0.0000
Th-230	3.254E-02	0.0452	1.609E-04	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.097E-04	0.0004
U-234	6.719E-05	0.0001	2.924E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.293E-05	0.0000
U-235	2.926E-03	0.0041	1.800E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.687E-05	0.0000
U-238	1.327E-03	0.0018	2.578E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.118E-05	0.0000
Total	6.600E-01	0.9170	1.239E-03	0.0017	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.606E-03	0.0078

Summary : HFBR SU 7A_Industrial_AVG Bkgd Subtract
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Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+02 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	5.779E-10	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.859E-10	0.0000
C-14	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Co-60	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.868E-30	0.0000
Cs-137	1.784E-12	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.275E-08	0.0000
Eu-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.630E-12	0.0000
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.560E-18	0.0000
Gd-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.521E-04	0.0005
H-3	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Ni-63	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.984E-08	0.0000
Pa-231	1.933E-02	0.0269	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.833E-02	0.0394
Pb-210	6.350E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.387E-09	0.0000
Ra-226	3.136E-02	0.0436	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.513E-01	0.9050
Sr-90	9.039E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.468E-07	0.0000
Th-230	1.311E-03	0.0018	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.432E-02	0.0477
U-234	3.001E-04	0.0004	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.194E-04	0.0006
U-235	3.135E-04	0.0004	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.274E-03	0.0045
U-238	2.830E-04	0.0004	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.657E-03	0.0023
Total	5.290E-02	0.0735	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.197E-01	1.0000

*Sum of all water independent and dependent pathways.

Summary : HFBR SU 7A_Industrial_AVG Bkgd Subtract
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Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+03 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	4.400E-18	0.0000	3.610E-19	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.866E-19	0.0000
C-14	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Co-60	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Cs-137	2.916E-13	0.0000	6.882E-20	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.892E-17	0.0000
Eu-152	7.932E-24	0.0000	9.324E-18	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.229E-18	0.0000
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Gd-152	0.000E+00	0.0000	2.706E-04	0.0008	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.468E-05	0.0002
H-3	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Ni-63	0.000E+00	0.0000	3.035E-11	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.005E-09	0.0000
Pa-231	3.327E-03	0.0093	2.985E-04	0.0008	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.482E-04	0.0010
Pb-210	1.065E-17	0.0000	9.858E-19	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.116E-16	0.0000
Ra-226	2.784E-01	0.7764	2.024E-05	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.980E-03	0.0055
Sr-90	5.813E-14	0.0000	7.776E-17	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.276E-15	0.0000
Th-230	4.705E-02	0.1312	1.611E-04	0.0004	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.126E-04	0.0012
U-234	1.587E-04	0.0004	1.353E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.137E-05	0.0000
U-235	1.341E-03	0.0037	1.121E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.123E-05	0.0000
U-238	5.920E-04	0.0017	1.152E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.463E-06	0.0000
Total	3.309E-01	0.9227	7.867E-04	0.0022	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.838E-03	0.0079

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Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+03 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	9.101E-18	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.415E-17	0.0000
C-14	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Co-60	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Cs-137	3.414E-17	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.917E-13	0.0000
Eu-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.155E-17	0.0000
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Gd-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.353E-04	0.0009
H-3	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Ni-63	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.035E-09	0.0000
Pa-231	8.242E-03	0.0230	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.222E-02	0.0341
Pb-210	7.392E-16	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.624E-16	0.0000
Ra-226	1.364E-02	0.0380	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.940E-01	0.8200
Sr-90	9.473E-14	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.562E-13	0.0000
Th-230	1.736E-03	0.0048	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.936E-02	0.1377
U-234	1.354E-04	0.0004	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.190E-04	0.0009
U-235	2.229E-04	0.0006	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.586E-03	0.0044
U-238	1.224E-04	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.355E-04	0.0021
Total	2.410E-02	0.0672	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.586E-01	1.0000

*Sum of all water independent and dependent pathways.

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Dose/Source Ratios Summed Over All Pathways
Parent and Progeny Principal Radionuclide Contributions Indicated

Parent (i)	Product (j)	Thread Fraction	DSR(j,t) At Time in Years (mrem/yr)/(pCi/g) 0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
Ac-227+D	Ac-227+D	1.000E+00	1.597E+00	2.262E+00	3.008E+00	2.514E+00	5.984E-01	9.947E-02	5.790E-08	9.248E-16
C-14	C-14	1.000E+00	2.087E-02	3.560E-03	1.865E-06	1.460E-10	1.275E-43	0.000E+00	0.000E+00	0.000E+00
Co-60	Co-60	1.000E+00	8.022E+00	7.031E+00	4.150E+00	2.147E+00	1.102E-02	1.513E-05	1.912E-28	0.000E+00
Cs-137+D	Cs-137+D	1.000E+00	1.776E+00	1.735E+00	1.581E+00	1.408E+00	5.552E-01	1.736E-01	1.582E-05	1.409E-10
Eu-152	Eu-152	7.208E-01	2.612E+00	2.480E+00	2.013E+00	1.552E+00	1.931E-01	1.427E-02	1.271E-11	6.187E-23
Eu-152	Eu-152	2.792E-01	1.012E+00	9.605E-01	7.798E-01	6.010E-01	7.479E-02	5.528E-03	4.925E-12	2.397E-23
Eu-152	Gd-152	2.792E-01	3.524E-18	1.033E-17	3.428E-17	5.796E-17	1.273E-16	1.358E-16	1.313E-16	1.250E-16
Eu-152	∑DSR(j)		1.012E+00	9.605E-01	7.798E-01	6.010E-01	7.479E-02	5.528E-03	4.925E-12	1.250E-16
Eu-154	Eu-154	1.000E+00	3.905E+00	3.609E+00	2.633E+00	1.775E+00	7.570E-02	1.468E-03	2.927E-17	2.193E-34
Gd-152	Gd-152	1.000E+00	4.002E-03	4.002E-03	4.000E-03	3.998E-03	3.983E-03	3.963E-03	3.811E-03	3.628E-03
H-3	H-3	1.000E+00	8.706E-04	3.177E-04	3.992E-06	1.672E-08	1.331E-27	0.000E+00	0.000E+00	0.000E+00
Ni-63	Ni-63	1.000E+00	2.841E-06	2.820E-06	2.739E-06	2.641E-06	1.972E-06	1.369E-06	7.379E-08	1.917E-09
Pa-231	Pa-231	1.000E+00	2.118E-01	2.942E-01	6.228E-01	8.508E-01	7.959E-01	7.323E-01	3.750E-01	1.613E-01
Pa-231	Ac-227+D	1.000E+00	2.508E-02	9.550E-02	5.568E-01	1.011E+00	2.577E+00	2.790E+00	1.477E+00	6.371E-01
Pa-231	∑DSR(j)		2.369E-01	3.897E-01	1.180E+00	1.861E+00	3.373E+00	3.522E+00	1.852E+00	7.984E-01
Pb-210+D	Pb-210+D	1.000E+00	4.419E-02	5.508E-02	9.179E-02	1.246E-01	5.542E-02	1.124E-02	3.212E-08	3.750E-15
Ra-226+D	Ra-226+D	1.000E+00	5.923E+00	5.919E+00	5.902E+00	5.880E+00	5.526E+00	5.105E+00	2.705E+00	1.223E+00
Ra-226+D	Pb-210+D	1.000E+00	7.585E-04	2.900E-03	2.012E-02	5.830E-02	2.055E-01	2.305E-01	1.267E-01	5.531E-02
Ra-226+D	∑DSR(j)		5.924E+00	5.922E+00	5.922E+00	5.939E+00	5.732E+00	5.335E+00	2.832E+00	1.278E+00
Sr-90+D	Sr-90+D	1.000E+00	1.672E-02	2.249E-02	3.132E-02	2.730E-02	9.091E-03	2.300E-03	3.850E-08	4.098E-14
Th-230	Th-230	1.000E+00	7.632E-03	7.632E-03	7.632E-03	7.631E-03	7.628E-03	7.624E-03	7.593E-03	7.553E-03
Th-230	Ra-226+D	1.000E+00	1.283E-03	3.848E-03	1.409E-02	2.683E-02	1.255E-01	2.404E-01	8.914E-01	1.288E+00
Th-230	Pb-210+D	1.000E+00	1.024E-07	8.410E-07	1.795E-05	9.447E-05	2.611E-03	7.149E-03	3.361E-02	4.539E-02
Th-230	∑DSR(j)		8.915E-03	1.148E-02	2.174E-02	3.456E-02	1.358E-01	2.551E-01	9.326E-01	1.341E+00
U-234	U-234	1.000E+00	4.436E-03	6.640E-03	1.542E-02	2.152E-02	2.015E-02	1.855E-02	9.562E-03	4.145E-03
U-234	Th-230	1.000E+00	3.439E-08	1.031E-07	3.772E-07	7.177E-07	3.342E-06	6.392E-06	2.359E-05	3.396E-05
U-234	Ra-226+D	1.000E+00	3.895E-09	2.706E-08	3.499E-07	1.269E-06	2.819E-05	1.059E-04	1.742E-03	4.310E-03
U-234	Pb-210+D	1.000E+00	1.599E-10	4.486E-10	2.015E-09	5.093E-09	4.309E-07	2.622E-06	6.994E-05	1.804E-04
U-234	∑DSR(j)		4.436E-03	6.640E-03	1.542E-02	2.152E-02	2.018E-02	1.867E-02	1.140E-02	8.669E-03

Summary : HFBR SU 7A_Industrial_AVG Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\SU 7A_INDUSTRIAL_AVG BKGD SUBTRACT.RAD

Dose/Source Ratios Summed Over All Pathways
Parent and Progeny Principal Radionuclide Contributions Indicated

Parent (i)	Product (j)	Thread Fraction	DSR(j,t) At Time in Years (mrem/yr)/(pCi/g) 0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
U-235+D	U-235+D	1.000E+00	4.214E-01	4.228E-01	4.284E-01	4.309E-01	4.039E-01	3.725E-01	1.952E-01	8.699E-02
U-235+D	Pa-231	1.000E+00	2.386E-06	9.483E-06	7.263E-05	1.890E-04	8.509E-04	1.559E-03	3.993E-03	3.451E-03
U-235+D	Ac-227+D	1.000E+00	1.937E-07	1.565E-06	3.266E-05	1.192E-04	1.756E-03	4.408E-03	1.480E-02	1.323E-02
U-235+D	∑DSR(j)		4.214E-01	4.228E-01	4.285E-01	4.312E-01	4.065E-01	3.785E-01	2.140E-01	1.037E-01
U-238	U-238	5.400E-05	2.075E-07	3.147E-07	7.421E-07	1.039E-06	9.727E-07	8.958E-07	4.622E-07	2.006E-07
U-238+D	U-238+D	9.999E-01	8.469E-02	8.665E-02	9.448E-02	9.962E-02	9.337E-02	8.610E-02	4.500E-02	1.997E-02
U-238+D	U-234	9.999E-01	6.810E-09	2.874E-08	2.409E-07	6.405E-07	2.884E-06	5.286E-06	1.358E-05	1.177E-05
U-238+D	Th-230	9.999E-01	5.631E-14	3.020E-13	3.218E-12	1.135E-11	2.421E-10	8.981E-10	1.457E-08	3.589E-08
U-238+D	Ra-226+D	9.999E-01	4.964E-11	1.566E-10	5.616E-10	1.426E-09	1.361E-08	3.376E-08	8.587E-07	3.612E-06
U-238+D	Pb-210+D	9.999E-01	2.098E-10	6.567E-10	2.344E-09	5.766E-09	4.785E-08	9.257E-08	3.897E-07	6.623E-07
U-238+D	∑DSR(j)		8.469E-02	8.665E-02	9.448E-02	9.962E-02	9.337E-02	8.611E-02	4.502E-02	1.998E-02

The DSR includes contributions from associated (half-life ≤ 180 days) daughters.

Single Radionuclide Soil Guidelines G(i,t) in pCi/g
Basic Radiation Dose Limit = 2.500E+01 mrem/yr

Nuclide (i)	t= 0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
Ac-227	1.566E+01	1.105E+01	8.311E+00	9.945E+00	4.178E+01	2.513E+02	4.318E+08	*7.232E+13
C-14	1.198E+03	7.022E+03	1.341E+07	1.712E+11	*4.455E+12	*4.455E+12	*4.455E+12	*4.455E+12
Co-60	3.116E+00	3.555E+00	6.024E+00	1.164E+01	2.269E+03	1.653E+06	*1.132E+15	*1.132E+15
Cs-137	1.407E+01	1.441E+01	1.581E+01	1.776E+01	4.503E+01	1.440E+02	1.580E+06	1.774E+11
Eu-152	6.898E+00	7.267E+00	8.951E+00	1.161E+01	9.333E+01	1.263E+03	1.417E+12	*1.765E+14
Eu-154	6.402E+00	6.927E+00	9.496E+00	1.409E+01	3.302E+02	1.704E+04	*2.639E+14	*2.639E+14
Gd-152	*2.179E+01	*2.179E+01	*2.179E+01	*2.179E+01	*2.179E+01	*2.179E+01	*2.179E+01	*2.179E+01
H-3	2.872E+04	7.869E+04	6.262E+06	1.495E+09	*9.597E+15	*9.597E+15	*9.597E+15	*9.597E+15
Ni-63	8.801E+06	8.865E+06	9.128E+06	9.468E+06	1.268E+07	1.827E+07	3.388E+08	1.304E+10
Pa-231	1.055E+02	6.414E+01	2.119E+01	1.343E+01	7.412E+00	7.097E+00	1.350E+01	3.131E+01
Pb-210	5.657E+02	4.539E+02	2.724E+02	2.007E+02	4.511E+02	2.224E+03	7.784E+08	*7.634E+13
Ra-226	4.220E+00	4.222E+00	4.222E+00	4.210E+00	4.362E+00	4.686E+00	8.828E+00	1.956E+01
Sr-90	1.495E+03	1.112E+03	7.982E+02	9.158E+02	2.750E+03	1.087E+04	6.493E+08	*1.365E+14
Th-230	2.804E+03	2.178E+03	1.150E+03	7.234E+02	1.841E+02	9.799E+01	2.681E+01	1.864E+01
U-234	5.636E+03	3.765E+03	1.621E+03	1.162E+03	1.239E+03	1.339E+03	2.193E+03	2.884E+03
U-235	5.933E+01	5.913E+01	5.834E+01	5.798E+01	6.150E+01	6.605E+01	1.168E+02	2.412E+02
U-238	2.952E+02	2.885E+02	2.646E+02	2.509E+02	2.677E+02	2.903E+02	5.554E+02	1.251E+03

*At specific activity limit

Summary : HFBR SU 7A_Industrial_AVG Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\SU 7A_INDUSTRIAL_AVG BKGD SUBTRACT.RAD

Summed Dose/Source Ratios DSR(i,t) in (mrem/yr)/(pCi/g)
and Single Radionuclide Soil Guidelines G(i,t) in pCi/g
at tmin = time of minimum single radionuclide soil guideline
and at tmax = time of maximum total dose = 0.000E+00 years

Nuclide (i)	Initial (pCi/g)	tmin (years)	DSR(i,tmin)	G(i,tmin) (pCi/g)	DSR(i,tmax)	G(i,tmax) (pCi/g)
Ac-227	1.530E-02	2.916 ± 0.006	3.227E+00	7.748E+00	1.597E+00	1.566E+01
C-14	1.036E+00	0.000E+00	2.087E-02	1.198E+03	2.087E-02	1.198E+03
Co-60	1.500E-02	0.000E+00	8.022E+00	3.116E+00	8.022E+00	3.116E+00
Cs-137	2.070E-03	0.000E+00	1.776E+00	1.407E+01	1.776E+00	1.407E+01
Eu-152	9.240E-02	0.000E+00	3.624E+00	6.898E+00	3.624E+00	6.898E+00
Eu-154	5.330E-02	0.000E+00	3.905E+00	6.402E+00	3.905E+00	6.402E+00
Gd-152	9.240E-02	0.000E+00	4.002E-03	*2.179E+01	4.002E-03	*2.179E+01
H-3	2.611E+02	0.000E+00	8.706E-04	2.872E+04	8.706E-04	2.872E+04
Ni-63	5.400E-01	0.000E+00	2.841E-06	8.801E+06	2.841E-06	8.801E+06
Pa-231	1.530E-02	82.9 ± 0.2	3.549E+00	7.045E+00	2.369E-01	1.055E+02
Pb-210	2.300E-01	17.69 ± 0.04	1.534E-01	1.630E+02	4.419E-02	5.657E+02
Ra-226	2.300E-01	12.23 ± 0.02	5.948E+00	4.203E+00	5.924E+00	4.220E+00
Sr-90	3.812E+00	3.239 ± 0.006	3.274E-02	7.635E+02	1.672E-02	1.495E+03
Th-230	3.680E-02	1.000E+03	1.341E+00	1.864E+01	8.915E-03	2.804E+03
U-234	3.680E-02	8.32 ± 0.02	2.158E-02	1.158E+03	4.436E-03	5.636E+03
U-235	1.530E-02	8.08 ± 0.02	4.324E-01	5.782E+01	4.214E-01	5.933E+01
U-238	3.680E-02	8.26 ± 0.02	9.990E-02	2.502E+02	8.469E-02	2.952E+02

*At specific activity limit

Summary : HFBR SU 7A_Industrial_AVG Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\SU 7A_INDUSTRIAL_AVG BKGD SUBTRACT.RAD

Individual Nuclide Dose Summed Over All Pathways
Parent Nuclide and Branch Fraction Indicated

Nuclide (j)	Parent (i)	THF(i)	DOSE(j,t), mrem/yr t= 0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
Ac-227	Ac-227	1.000E+00	2.443E-02	3.461E-02	4.602E-02	3.846E-02	9.155E-03	1.522E-03	8.859E-10	1.415E-17
Ac-227	Pa-231	1.000E+00	3.837E-04	1.461E-03	8.520E-03	1.546E-02	3.943E-02	4.269E-02	2.259E-02	9.748E-03
Ac-227	U-235	1.000E+00	2.963E-09	2.394E-08	4.996E-07	1.823E-06	2.686E-05	6.744E-05	2.264E-04	2.024E-04
Ac-227	∑DOSE(j)		2.481E-02	3.607E-02	5.454E-02	5.393E-02	4.861E-02	4.428E-02	2.282E-02	9.950E-03
C-14	C-14	1.000E+00	2.162E-02	3.689E-03	1.932E-06	1.513E-10	0.000E+00	0.000E+00	0.000E+00	0.000E+00
Co-60	Co-60	1.000E+00	1.203E-01	1.055E-01	6.225E-02	3.221E-02	1.652E-04	2.269E-07	2.868E-30	0.000E+00
Cs-137	Cs-137	1.000E+00	3.677E-03	3.592E-03	3.273E-03	2.914E-03	1.149E-03	3.593E-04	3.275E-08	2.917E-13
Eu-152	Eu-152	7.208E-01	2.414E-01	2.291E-01	1.860E-01	1.434E-01	1.784E-02	1.319E-03	1.175E-12	5.717E-24
Eu-152	Eu-152	2.792E-01	9.349E-02	8.875E-02	7.205E-02	5.553E-02	6.911E-03	5.108E-04	4.550E-13	2.215E-24
Eu-152	∑DOSE(j)		3.349E-01	3.179E-01	2.581E-01	1.989E-01	2.475E-02	1.829E-03	1.630E-12	7.932E-24
Gd-152	Eu-152	2.792E-01	3.257E-19	9.548E-19	3.167E-18	5.356E-18	1.176E-17	1.255E-17	1.213E-17	1.155E-17
Gd-152	Gd-152	1.000E+00	3.698E-04	3.698E-04	3.696E-04	3.695E-04	3.680E-04	3.662E-04	3.521E-04	3.353E-04
Gd-152	∑DOSE(j)		3.698E-04	3.698E-04	3.696E-04	3.695E-04	3.680E-04	3.662E-04	3.521E-04	3.353E-04
Eu-154	Eu-154	1.000E+00	2.081E-01	1.924E-01	1.403E-01	9.459E-02	4.035E-03	7.822E-05	1.560E-18	0.000E+00
H-3	H-3	1.000E+00	2.273E-01	8.296E-02	1.042E-03	4.366E-06	3.476E-25	0.000E+00	0.000E+00	0.000E+00
Ni-63	Ni-63	1.000E+00	1.534E-06	1.523E-06	1.479E-06	1.426E-06	1.065E-06	7.391E-07	3.984E-08	1.035E-09
Pa-231	Pa-231	1.000E+00	3.240E-03	4.502E-03	9.529E-03	1.302E-02	1.218E-02	1.120E-02	5.738E-03	2.468E-03
Pa-231	U-235	1.000E+00	3.651E-08	1.451E-07	1.111E-06	2.892E-06	1.302E-05	2.385E-05	6.109E-05	5.281E-05
Pa-231	∑DOSE(j)		3.240E-03	4.502E-03	9.530E-03	1.302E-02	1.219E-02	1.123E-02	5.799E-03	2.521E-03
Pb-210	Pb-210	1.000E+00	1.016E-02	1.267E-02	2.111E-02	2.866E-02	1.275E-02	2.585E-03	7.387E-09	8.624E-16
Pb-210	Ra-226	1.000E+00	1.745E-04	6.671E-04	4.627E-03	1.341E-02	4.726E-02	5.302E-02	2.915E-02	1.272E-02
Pb-210	Th-230	1.000E+00	3.768E-09	3.095E-08	6.604E-07	3.476E-06	9.607E-05	2.631E-04	1.237E-03	1.670E-03
Pb-210	U-234	1.000E+00	5.884E-12	1.651E-11	7.415E-11	1.874E-10	1.586E-08	9.650E-08	2.574E-06	6.639E-06
Pb-210	U-238	9.999E-01	7.721E-12	2.417E-11	8.627E-11	2.122E-10	1.761E-09	3.407E-09	1.434E-08	2.437E-08
Pb-210	∑DOSE(j)		1.034E-02	1.333E-02	2.574E-02	4.207E-02	6.010E-02	5.587E-02	3.039E-02	1.440E-02
Ra-226	Ra-226	1.000E+00	1.362E+00	1.361E+00	1.357E+00	1.352E+00	1.271E+00	1.174E+00	6.222E-01	2.813E-01
Ra-226	Th-230	1.000E+00	4.722E-05	1.416E-04	5.184E-04	9.875E-04	4.620E-03	8.845E-03	3.280E-02	4.741E-02
Ra-226	U-234	1.000E+00	1.434E-10	9.959E-10	1.288E-08	4.669E-08	1.037E-06	3.897E-06	6.409E-05	1.586E-04
Ra-226	U-238	9.999E-01	1.827E-12	5.764E-12	2.067E-11	5.249E-11	5.010E-10	1.242E-09	3.160E-08	1.329E-07
Ra-226	∑DOSE(j)		1.362E+00	1.362E+00	1.358E+00	1.353E+00	1.276E+00	1.183E+00	6.551E-01	3.289E-01
Sr-90	Sr-90	1.000E+00	6.375E-02	8.573E-02	1.194E-01	1.041E-01	3.466E-02	8.768E-03	1.468E-07	1.562E-13
Th-230	Th-230	1.000E+00	2.809E-04	2.809E-04	2.808E-04	2.808E-04	2.807E-04	2.806E-04	2.794E-04	2.780E-04
Th-230	U-234	1.000E+00	1.266E-09	3.795E-09	1.388E-08	2.641E-08	1.230E-07	2.352E-07	8.680E-07	1.250E-06
Th-230	U-238	9.999E-01	2.072E-15	1.112E-14	1.184E-13	4.176E-13	8.909E-12	3.305E-11	5.362E-10	1.321E-09
Th-230	∑DOSE(j)		2.809E-04	2.809E-04	2.809E-04	2.809E-04	2.808E-04	2.808E-04	2.803E-04	2.792E-04

Summary : HFBR SU 7A_Industrial_AVG Bkgd Subtract
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Individual Nuclide Dose Summed Over All Pathways
Parent Nuclide and Branch Fraction Indicated

Nuclide	Parent	THF(i)	DOSE(j,t), mrem/yr							
(j)	(i)	t=	0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
U-234	U-234	1.000E+00	1.632E-04	2.443E-04	5.675E-04	7.919E-04	7.414E-04	6.827E-04	3.519E-04	1.525E-04
U-234	U-238	9.999E-01	2.506E-10	1.058E-09	8.867E-09	2.357E-08	1.061E-07	1.945E-07	4.996E-07	4.332E-07
U-234	∑DOSE(j)		1.632E-04	2.443E-04	5.675E-04	7.919E-04	7.415E-04	6.829E-04	3.524E-04	1.530E-04
U-235	U-235	1.000E+00	6.447E-03	6.469E-03	6.555E-03	6.592E-03	6.180E-03	5.700E-03	2.987E-03	1.331E-03
U-238	U-238	5.400E-05	7.635E-09	1.158E-08	2.731E-08	3.823E-08	3.579E-08	3.296E-08	1.701E-08	7.381E-09
U-238	U-238	9.999E-01	3.117E-03	3.189E-03	3.477E-03	3.666E-03	3.436E-03	3.169E-03	1.656E-03	7.349E-04
U-238	∑DOSE(j)		3.117E-03	3.189E-03	3.477E-03	3.666E-03	3.436E-03	3.169E-03	1.656E-03	7.349E-04

THF(i) is the thread fraction of the parent nuclide.

Summary : HFBR SU 7A_Industrial_AVG Bkgd Subtract
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Individual Nuclide Soil Concentration
Parent Nuclide and Branch Fraction Indicated

Nuclide (j)	Parent (i)	THF(i)	S(j,t), pCi/g t= 0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
Ac-227	Ac-227	1.000E+00	1.530E-02	1.476E-02	1.279E-02	1.069E-02	2.548E-03	4.242E-04	2.508E-10	4.111E-18
Ac-227	Pa-231	1.000E+00	0.000E+00	4.781E-04	2.220E-03	4.058E-03	1.075E-02	1.169E-02	6.285E-03	2.775E-03
Ac-227	U-235	1.000E+00	0.000E+00	5.086E-09	1.208E-07	4.538E-07	7.235E-06	1.836E-05	6.291E-05	5.758E-05
Ac-227	∑S(j):		1.530E-02	1.524E-02	1.501E-02	1.475E-02	1.330E-02	1.214E-02	6.347E-03	2.832E-03
C-14	C-14	1.000E+00	1.036E+00	1.569E-01	8.216E-05	6.429E-09	5.572E-42	0.000E+00	0.000E+00	0.000E+00
Co-60	Co-60	1.000E+00	1.500E-02	1.315E-02	7.760E-03	4.015E-03	2.060E-05	2.828E-08	3.575E-31	0.000E+00
Cs-137	Cs-137	1.000E+00	2.070E-03	2.022E-03	1.843E-03	1.640E-03	6.471E-04	2.023E-04	1.844E-08	1.642E-13
Eu-152	Eu-152	7.208E-01	6.660E-02	6.322E-02	5.133E-02	3.956E-02	4.923E-03	3.639E-04	3.241E-13	1.578E-24
Eu-152	Eu-152	2.792E-01	2.580E-02	2.449E-02	1.988E-02	1.532E-02	1.907E-03	1.409E-04	1.256E-13	6.111E-25
Eu-152	∑S(j):		9.240E-02	8.771E-02	7.121E-02	5.488E-02	6.830E-03	5.048E-04	4.497E-13	2.189E-24
Gd-152	Eu-152	2.792E-01	0.000E+00	1.613E-16	7.286E-16	1.290E-15	2.933E-15	3.136E-15	3.032E-15	2.887E-15
Gd-152	Gd-152	1.000E+00	9.240E-02	9.239E-02	9.235E-02	9.231E-02	9.195E-02	9.150E-02	8.798E-02	8.377E-02
Gd-152	∑S(j):		9.240E-02	9.239E-02	9.235E-02	9.231E-02	9.195E-02	9.150E-02	8.798E-02	8.377E-02
Eu-154	Eu-154	1.000E+00	5.330E-02	4.926E-02	3.593E-02	2.422E-02	1.033E-03	2.003E-05	3.994E-19	2.993E-36
H-3	H-3	1.000E+00	2.611E+02	8.746E+01	1.099E+00	4.604E-03	3.669E-22	0.000E+00	0.000E+00	0.000E+00
Ni-63	Ni-63	1.000E+00	5.400E-01	5.361E-01	5.206E-01	5.020E-01	3.748E-01	2.602E-01	1.403E-02	3.644E-04
Pa-231	Pa-231	1.000E+00	1.530E-02	1.528E-02	1.518E-02	1.505E-02	1.410E-02	1.299E-02	6.755E-03	2.982E-03
Pa-231	U-235	1.000E+00	0.000E+00	3.232E-07	1.606E-06	3.185E-06	1.492E-05	2.752E-05	7.184E-05	6.377E-05
Pa-231	∑S(j):		1.530E-02	1.528E-02	1.518E-02	1.506E-02	1.411E-02	1.302E-02	6.827E-03	3.046E-03
Pb-210	Pb-210	1.000E+00	2.300E-01	2.228E-01	1.961E-01	1.672E-01	4.669E-02	9.478E-03	2.733E-08	3.248E-15
Pb-210	Ra-226	1.000E+00	0.000E+00	7.031E-03	3.291E-02	6.070E-02	1.700E-01	1.916E-01	1.067E-01	4.825E-02
Pb-210	Th-230	1.000E+00	0.000E+00	2.450E-07	5.862E-06	2.222E-05	3.773E-04	1.020E-03	5.117E-03	7.636E-03
Pb-210	U-234	1.000E+00	0.000E+00	7.370E-13	8.898E-11	6.822E-10	6.242E-08	3.590E-07	9.456E-06	2.492E-05
Pb-210	U-238	9.999E-01	0.000E+00	5.230E-19	3.175E-16	4.902E-15	2.348E-12	2.811E-11	3.933E-09	1.959E-08
Pb-210	∑S(j):		2.300E-01	2.298E-01	2.290E-01	2.279E-01	2.171E-01	2.021E-01	1.118E-01	5.591E-02
Ra-226	Ra-226	1.000E+00	2.300E-01	2.296E-01	2.282E-01	2.264E-01	2.125E-01	1.962E-01	1.040E-01	4.704E-02
Ra-226	Th-230	1.000E+00	0.000E+00	1.593E-05	7.939E-05	1.582E-04	7.661E-04	1.473E-03	5.486E-03	7.939E-03
Ra-226	U-234	1.000E+00	0.000E+00	7.168E-11	1.784E-09	7.099E-09	1.701E-07	6.451E-07	1.069E-05	2.648E-05
Ra-226	U-238	9.999E-01	0.000E+00	6.772E-17	8.425E-15	6.699E-14	7.980E-12	6.012E-11	4.693E-09	2.136E-08
Ra-226	∑S(j):		2.300E-01	2.297E-01	2.283E-01	2.265E-01	2.132E-01	1.977E-01	1.095E-01	5.501E-02
Sr-90	Sr-90	1.000E+00	3.812E+00	3.709E+00	3.323E+00	2.897E+00	9.659E-01	2.447E-01	4.157E-06	4.532E-12
Th-230	Th-230	1.000E+00	3.680E-02	3.680E-02	3.680E-02	3.680E-02	3.678E-02	3.676E-02	3.661E-02	3.642E-02
Th-230	U-234	1.000E+00	0.000E+00	3.310E-07	1.650E-06	3.286E-06	1.591E-05	3.057E-05	1.133E-04	1.631E-04
Th-230	U-238	9.999E-01	0.000E+00	4.690E-13	1.168E-11	4.645E-11	1.112E-09	4.218E-09	6.967E-08	1.720E-07
Th-230	∑S(j):		3.680E-02	3.680E-02	3.680E-02	3.680E-02	3.680E-02	3.679E-02	3.672E-02	3.658E-02

Summary : HFBR SU 7A_Industrial_AVG Bkgd Subtract
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Individual Nuclide Soil Concentration
Parent Nuclide and Branch Fraction Indicated

Nuclide (j)	Parent (i)	THF(i)	S(j,t), pCi/g t= 0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
U-234	U-234	1.000E+00	3.680E-02	3.674E-02	3.650E-02	3.621E-02	3.394E-02	3.131E-02	1.640E-02	7.306E-03
U-234	U-238	9.999E-01	0.000E+00	1.042E-07	5.174E-07	1.026E-06	4.811E-06	8.876E-06	2.326E-05	2.074E-05
U-234	∑S(j):		3.680E-02	3.674E-02	3.650E-02	3.621E-02	3.395E-02	3.131E-02	1.642E-02	7.326E-03
U-235	U-235	1.000E+00	1.530E-02	1.528E-02	1.518E-02	1.506E-02	1.411E-02	1.302E-02	6.827E-03	3.046E-03
U-238	U-238	5.400E-05	1.987E-06	1.984E-06	1.971E-06	1.955E-06	1.833E-06	1.691E-06	8.867E-07	3.956E-07
U-238	U-238	9.999E-01	3.680E-02	3.674E-02	3.650E-02	3.621E-02	3.395E-02	3.131E-02	1.642E-02	7.326E-03
U-238	∑S(j):		3.680E-02	3.674E-02	3.650E-02	3.621E-02	3.395E-02	3.131E-02	1.642E-02	7.326E-03

THF(i) is the thread fraction of the parent nuclide.

RESCALC.EXE execution time = 19.61 seconds

Summary : HFBR SU 7A_Residential_AVG Bkgd Subtract
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Dose Conversion Factor (and Related) Parameter Summary
Dose Library: FGR 11

Menu	Parameter	Current Value#	Base Case*	Parameter Name
A-1	DCF's for external ground radiation, (mrem/yr)/(pCi/g)			
A-1	Ac-227 (Source: FGR 12)	4.951E-04	4.951E-04	DCF1(1)
A-1	At-218 (Source: FGR 12)	5.847E-03	5.847E-03	DCF1(2)
A-1	Ba-137m (Source: FGR 12)	3.606E+00	3.606E+00	DCF1(3)
A-1	Bi-210 (Source: FGR 12)	3.606E-03	3.606E-03	DCF1(4)
A-1	Bi-211 (Source: FGR 12)	2.559E-01	2.559E-01	DCF1(5)
A-1	Bi-214 (Source: FGR 12)	9.808E+00	9.808E+00	DCF1(6)
A-1	C-14 (Source: FGR 12)	1.345E-05	1.345E-05	DCF1(7)
A-1	Co-60 (Source: FGR 12)	1.622E+01	1.622E+01	DCF1(8)
A-1	Cs-137 (Source: FGR 12)	7.510E-04	7.510E-04	DCF1(9)
A-1	Eu-152 (Source: FGR 12)	7.006E+00	7.006E+00	DCF1(10)
A-1	Eu-154 (Source: FGR 12)	7.678E+00	7.678E+00	DCF1(11)
A-1	Fr-223 (Source: FGR 12)	1.980E-01	1.980E-01	DCF1(12)
A-1	Gd-152 (Source: FGR 12)	0.000E+00	0.000E+00	DCF1(13)
A-1	H-3 (Source: FGR 12)	0.000E+00	0.000E+00	DCF1(14)
A-1	Ni-63 (Source: FGR 12)	0.000E+00	0.000E+00	DCF1(15)
A-1	Pa-231 (Source: FGR 12)	1.906E-01	1.906E-01	DCF1(16)
A-1	Pa-234 (Source: FGR 12)	1.155E+01	1.155E+01	DCF1(17)
A-1	Pa-234m (Source: FGR 12)	8.967E-02	8.967E-02	DCF1(18)
A-1	Pb-210 (Source: FGR 12)	2.447E-03	2.447E-03	DCF1(19)
A-1	Pb-211 (Source: FGR 12)	3.064E-01	3.064E-01	DCF1(20)
A-1	Pb-214 (Source: FGR 12)	1.341E+00	1.341E+00	DCF1(21)
A-1	Po-210 (Source: FGR 12)	5.231E-05	5.231E-05	DCF1(22)
A-1	Po-211 (Source: FGR 12)	4.764E-02	4.764E-02	DCF1(23)
A-1	Po-214 (Source: FGR 12)	5.138E-04	5.138E-04	DCF1(24)
A-1	Po-215 (Source: FGR 12)	1.016E-03	1.016E-03	DCF1(25)
A-1	Po-218 (Source: FGR 12)	5.642E-05	5.642E-05	DCF1(26)
A-1	Ra-223 (Source: FGR 12)	6.034E-01	6.034E-01	DCF1(27)
A-1	Ra-226 (Source: FGR 12)	3.176E-02	3.176E-02	DCF1(28)
A-1	Rn-219 (Source: FGR 12)	3.083E-01	3.083E-01	DCF1(29)
A-1	Rn-222 (Source: FGR 12)	2.354E-03	2.354E-03	DCF1(30)
A-1	Sr-90 (Source: FGR 12)	7.043E-04	7.043E-04	DCF1(31)
A-1	Th-227 (Source: FGR 12)	5.212E-01	5.212E-01	DCF1(32)
A-1	Th-230 (Source: FGR 12)	1.209E-03	1.209E-03	DCF1(33)
A-1	Th-231 (Source: FGR 12)	3.643E-02	3.643E-02	DCF1(34)
A-1	Th-234 (Source: FGR 12)	2.410E-02	2.410E-02	DCF1(35)
A-1	Tl-207 (Source: FGR 12)	1.980E-02	1.980E-02	DCF1(36)
A-1	Tl-210 (Source: no data)	0.000E+00	-2.000E+00	DCF1(37)
A-1	U-234 (Source: FGR 12)	4.017E-04	4.017E-04	DCF1(38)
A-1	U-235 (Source: FGR 12)	7.211E-01	7.211E-01	DCF1(39)
A-1	U-238 (Source: FGR 12)	1.031E-04	1.031E-04	DCF1(40)
A-1	Y-90 (Source: FGR 12)	2.391E-02	2.391E-02	DCF1(41)
B-1	Dose conversion factors for inhalation, mrem/pCi:			
B-1	Ac-227+D	6.724E+00	6.700E+00	DCF2(1)
B-1	C-14(p) (Class: ORGANIC)	2.090E-06	2.090E-06	DCF2(2)
B-1	C-14(g) (Class: CO2)	2.350E-08	2.350E-08	C14GInhDCF
B-1	Co-60	2.190E-04	2.190E-04	DCF2(3)
B-1	Cs-137+D	3.190E-05	3.190E-05	DCF2(4)
B-1	Eu-152	2.210E-04	2.210E-04	DCF2(5)

Dose Conversion Factor (and Related) Parameter Summary (continued)
Dose Library: FGR 11

Menu	Parameter	Current Value#	Base Case*	Parameter Name
B-1	Eu-154	2.860E-04	2.860E-04	DCF2(7)
B-1	Gd-152	2.430E-01	2.430E-01	DCF2(8)
B-1	H-3	6.400E-08	6.400E-08	DCF2(9)
B-1	Ni-63	6.290E-06	6.290E-06	DCF2(10)
B-1	Pa-231	1.280E+00	1.280E+00	DCF2(11)
B-1	Pb-210+D	2.320E-02	1.360E-02	DCF2(12)
B-1	Ra-226+D	8.594E-03	8.580E-03	DCF2(13)
B-1	Sr-90+D	1.308E-03	1.300E-03	DCF2(14)
B-1	Th-230	3.260E-01	3.260E-01	DCF2(15)
B-1	U-234	1.320E-01	1.320E-01	DCF2(16)
B-1	U-235+D	1.230E-01	1.230E-01	DCF2(17)
B-1	U-238	1.180E-01	1.180E-01	DCF2(18)
B-1	U-238+D	1.180E-01	1.180E-01	DCF2(19)
D-1	Dose conversion factors for ingestion, mrem/pCi:			
D-1	Ac-227+D	1.480E-02	1.410E-02	DCF3(1)
D-1	C-14	2.090E-06	2.090E-06	DCF3(2)
D-1	Co-60	2.690E-05	2.690E-05	DCF3(3)
D-1	Cs-137+D	5.000E-05	5.000E-05	DCF3(4)
D-1	Eu-152	6.480E-06	6.480E-06	DCF3(5)
D-1	Eu-154	9.550E-06	9.550E-06	DCF3(7)
D-1	Gd-152	1.610E-04	1.610E-04	DCF3(8)
D-1	H-3	6.400E-08	6.400E-08	DCF3(9)
D-1	Ni-63	5.770E-07	5.770E-07	DCF3(10)
D-1	Pa-231	1.060E-02	1.060E-02	DCF3(11)
D-1	Pb-210+D	7.276E-03	5.370E-03	DCF3(12)
D-1	Ra-226+D	1.321E-03	1.320E-03	DCF3(13)
D-1	Sr-90+D	1.528E-04	1.420E-04	DCF3(14)
D-1	Th-230	5.480E-04	5.480E-04	DCF3(15)
D-1	U-234	2.830E-04	2.830E-04	DCF3(16)
D-1	U-235+D	2.673E-04	2.660E-04	DCF3(17)
D-1	U-238	2.550E-04	2.550E-04	DCF3(18)
D-1	U-238+D	2.687E-04	2.550E-04	DCF3(19)
D-34	Food transfer factors:			
D-34	Ac-227+D , plant/soil concentration ratio, dimensionless	2.500E-03	2.500E-03	RTF(1,1)
D-34	Ac-227+D , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	2.000E-05	2.000E-05	RTF(1,2)
D-34	Ac-227+D , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	2.000E-05	2.000E-05	RTF(1,3)
D-34				
D-34	C-14 , plant/soil concentration ratio, dimensionless	5.500E+00	5.500E+00	RTF(2,1)
D-34	C-14 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	3.100E-02	3.100E-02	RTF(2,2)
D-34	C-14 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	1.200E-02	1.200E-02	RTF(2,3)
D-34				
D-34	Co-60 , plant/soil concentration ratio, dimensionless	8.000E-02	8.000E-02	RTF(3,1)
D-34	Co-60 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	2.000E-02	2.000E-02	RTF(3,2)
D-34	Co-60 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	2.000E-03	2.000E-03	RTF(3,3)
D-34				
D-34	Cs-137+D , plant/soil concentration ratio, dimensionless	4.000E-02	4.000E-02	RTF(4,1)
D-34	Cs-137+D , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	3.000E-02	3.000E-02	RTF(4,2)
D-34	Cs-137+D , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	8.000E-03	8.000E-03	RTF(4,3)

Dose Conversion Factor (and Related) Parameter Summary (continued)
Dose Library: FGR 11

Menu	Parameter	Current Value#	Base Case*	Parameter Name
D-34	Eu-152 , plant/soil concentration ratio, dimensionless	2.500E-03	2.500E-03	RTF(5,1)
D-34	Eu-152 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	2.000E-03	2.000E-03	RTF(5,2)
D-34	Eu-152 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	5.000E-05	5.000E-05	RTF(5,3)
D-34				
D-34	Eu-154 , plant/soil concentration ratio, dimensionless	2.500E-03	2.500E-03	RTF(7,1)
D-34	Eu-154 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	2.000E-03	2.000E-03	RTF(7,2)
D-34	Eu-154 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	5.000E-05	5.000E-05	RTF(7,3)
D-34				
D-34	Gd-152 , plant/soil concentration ratio, dimensionless	2.500E-03	2.500E-03	RTF(8,1)
D-34	Gd-152 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	2.000E-03	2.000E-03	RTF(8,2)
D-34	Gd-152 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	2.000E-05	2.000E-05	RTF(8,3)
D-34				
D-34	H-3 , plant/soil concentration ratio, dimensionless	4.800E+00	4.800E+00	RTF(9,1)
D-34	H-3 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	1.200E-02	1.200E-02	RTF(9,2)
D-34	H-3 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	1.000E-02	1.000E-02	RTF(9,3)
D-34				
D-34	Ni-63 , plant/soil concentration ratio, dimensionless	5.000E-02	5.000E-02	RTF(10,1)
D-34	Ni-63 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	5.000E-03	5.000E-03	RTF(10,2)
D-34	Ni-63 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	2.000E-02	2.000E-02	RTF(10,3)
D-34				
D-34	Pa-231 , plant/soil concentration ratio, dimensionless	1.000E-02	1.000E-02	RTF(11,1)
D-34	Pa-231 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	5.000E-03	5.000E-03	RTF(11,2)
D-34	Pa-231 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	5.000E-06	5.000E-06	RTF(11,3)
D-34				
D-34	Pb-210+D , plant/soil concentration ratio, dimensionless	1.000E-02	1.000E-02	RTF(12,1)
D-34	Pb-210+D , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	8.000E-04	8.000E-04	RTF(12,2)
D-34	Pb-210+D , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	3.000E-04	3.000E-04	RTF(12,3)
D-34				
D-34	Ra-226+D , plant/soil concentration ratio, dimensionless	4.000E-02	4.000E-02	RTF(13,1)
D-34	Ra-226+D , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	1.000E-03	1.000E-03	RTF(13,2)
D-34	Ra-226+D , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	1.000E-03	1.000E-03	RTF(13,3)
D-34				
D-34	Sr-90+D , plant/soil concentration ratio, dimensionless	3.000E-01	3.000E-01	RTF(14,1)
D-34	Sr-90+D , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	8.000E-03	8.000E-03	RTF(14,2)
D-34	Sr-90+D , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	2.000E-03	2.000E-03	RTF(14,3)
D-34				
D-34	Th-230 , plant/soil concentration ratio, dimensionless	1.000E-03	1.000E-03	RTF(15,1)
D-34	Th-230 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	1.000E-04	1.000E-04	RTF(15,2)
D-34	Th-230 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	5.000E-06	5.000E-06	RTF(15,3)
D-34				
D-34	U-234 , plant/soil concentration ratio, dimensionless	2.500E-03	2.500E-03	RTF(16,1)
D-34	U-234 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	3.400E-04	3.400E-04	RTF(16,2)
D-34	U-234 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	6.000E-04	6.000E-04	RTF(16,3)
D-34				
D-34	U-235+D , plant/soil concentration ratio, dimensionless	2.500E-03	2.500E-03	RTF(17,1)
D-34	U-235+D , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	3.400E-04	3.400E-04	RTF(17,2)
D-34	U-235+D , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	6.000E-04	6.000E-04	RTF(17,3)
D-34				

Dose Conversion Factor (and Related) Parameter Summary (continued)
Dose Library: FGR 11

Menu	Parameter	Current Value#	Base Case*	Parameter Name
D-34	U-238 , plant/soil concentration ratio, dimensionless	2.500E-03	2.500E-03	RTF(18,1)
D-34	U-238 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	3.400E-04	3.400E-04	RTF(18,2)
D-34	U-238 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	6.000E-04	6.000E-04	RTF(18,3)
D-34				
D-34	U-238+D , plant/soil concentration ratio, dimensionless	2.500E-03	2.500E-03	RTF(19,1)
D-34	U-238+D , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	3.400E-04	3.400E-04	RTF(19,2)
D-34	U-238+D , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	6.000E-04	6.000E-04	RTF(19,3)
D-5	Bioaccumulation factors, fresh water, L/kg:			
D-5	Ac-227+D , fish	1.500E+01	1.500E+01	BIOFAC(1,1)
D-5	Ac-227+D , crustacea and mollusks	1.000E+03	1.000E+03	BIOFAC(1,2)
D-5				
D-5	C-14 , fish	5.000E+04	5.000E+04	BIOFAC(2,1)
D-5	C-14 , crustacea and mollusks	9.100E+03	9.100E+03	BIOFAC(2,2)
D-5				
D-5	Co-60 , fish	3.000E+02	3.000E+02	BIOFAC(3,1)
D-5	Co-60 , crustacea and mollusks	2.000E+02	2.000E+02	BIOFAC(3,2)
D-5				
D-5	Cs-137+D , fish	2.000E+03	2.000E+03	BIOFAC(4,1)
D-5	Cs-137+D , crustacea and mollusks	1.000E+02	1.000E+02	BIOFAC(4,2)
D-5				
D-5	Eu-152 , fish	5.000E+01	5.000E+01	BIOFAC(5,1)
D-5	Eu-152 , crustacea and mollusks	1.000E+03	1.000E+03	BIOFAC(5,2)
D-5				
D-5	Eu-154 , fish	5.000E+01	5.000E+01	BIOFAC(7,1)
D-5	Eu-154 , crustacea and mollusks	1.000E+03	1.000E+03	BIOFAC(7,2)
D-5				
D-5	Gd-152 , fish	2.500E+01	2.500E+01	BIOFAC(8,1)
D-5	Gd-152 , crustacea and mollusks	1.000E+03	1.000E+03	BIOFAC(8,2)
D-5				
D-5	H-3 , fish	1.000E+00	1.000E+00	BIOFAC(9,1)
D-5	H-3 , crustacea and mollusks	1.000E+00	1.000E+00	BIOFAC(9,2)
D-5				
D-5	Ni-63 , fish	1.000E+02	1.000E+02	BIOFAC(10,1)
D-5	Ni-63 , crustacea and mollusks	1.000E+02	1.000E+02	BIOFAC(10,2)
D-5				
D-5	Pa-231 , fish	1.000E+01	1.000E+01	BIOFAC(11,1)
D-5	Pa-231 , crustacea and mollusks	1.100E+02	1.100E+02	BIOFAC(11,2)
D-5				
D-5	Pb-210+D , fish	3.000E+02	3.000E+02	BIOFAC(12,1)
D-5	Pb-210+D , crustacea and mollusks	1.000E+02	1.000E+02	BIOFAC(12,2)
D-5				
D-5	Ra-226+D , fish	5.000E+01	5.000E+01	BIOFAC(13,1)
D-5	Ra-226+D , crustacea and mollusks	2.500E+02	2.500E+02	BIOFAC(13,2)
D-5				
D-5	Sr-90+D , fish	6.000E+01	6.000E+01	BIOFAC(14,1)
D-5	Sr-90+D , crustacea and mollusks	1.000E+02	1.000E+02	BIOFAC(14,2)
D-5				
D-5	Th-230 , fish	1.000E+02	1.000E+02	BIOFAC(15,1)
D-5	Th-230 , crustacea and mollusks	5.000E+02	5.000E+02	BIOFAC(15,2)

Dose Conversion Factor (and Related) Parameter Summary (continued)
Dose Library: FGR 11

Menu	Parameter	Current Value#	Base Case*	Parameter Name
D-5	U-234 , fish	1.000E+01	1.000E+01	BIOFAC(16,1)
D-5	U-234 , crustacea and mollusks	6.000E+01	6.000E+01	BIOFAC(16,2)
D-5				
D-5	U-235+D , fish	1.000E+01	1.000E+01	BIOFAC(17,1)
D-5	U-235+D , crustacea and mollusks	6.000E+01	6.000E+01	BIOFAC(17,2)
D-5				
D-5	U-238 , fish	1.000E+01	1.000E+01	BIOFAC(18,1)
D-5	U-238 , crustacea and mollusks	6.000E+01	6.000E+01	BIOFAC(18,2)
D-5				
D-5	U-238+D , fish	1.000E+01	1.000E+01	BIOFAC(19,1)
D-5	U-238+D , crustacea and mollusks	6.000E+01	6.000E+01	BIOFAC(19,2)

#For DCF1(xxx) only, factors are for infinite depth & area. See ETFG table in Ground Pathway of Detailed Report.
*Base Case means Default.Lib w/o Associate Nuclide contributions.

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Site-Specific Parameter Summary

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R011	Area of contaminated zone (m**2)	1.460E+02	1.000E+04	---	AREA
R011	Thickness of contaminated zone (m)	5.000E+00	2.000E+00	---	THICK0
R011	Fraction of contamination that is submerged	0.000E+00	0.000E+00	---	SUBMFRACT
R011	Length parallel to aquifer flow (m)	1.200E+01	1.000E+02	---	LCZPAQ
R011	Basic radiation dose limit (mrem/yr)	2.500E+01	3.000E+01	---	BRDL
R011	Time since placement of material (yr)	0.000E+00	0.000E+00	---	TI
R011	Times for calculations (yr)	1.000E+00	1.000E+00	---	T(2)
R011	Times for calculations (yr)	5.000E+00	3.000E+00	---	T(3)
R011	Times for calculations (yr)	1.000E+01	1.000E+01	---	T(4)
R011	Times for calculations (yr)	5.000E+01	3.000E+01	---	T(5)
R011	Times for calculations (yr)	1.000E+02	1.000E+02	---	T(6)
R011	Times for calculations (yr)	5.000E+02	3.000E+02	---	T(7)
R011	Times for calculations (yr)	1.000E+03	1.000E+03	---	T(8)
R011	Times for calculations (yr)	not used	0.000E+00	---	T(9)
R011	Times for calculations (yr)	not used	0.000E+00	---	T(10)
R012	Initial principal radionuclide (pCi/g): Ac-227	1.530E-02	0.000E+00	---	S1(1)
R012	Initial principal radionuclide (pCi/g): C-14	1.036E+00	0.000E+00	---	S1(2)
R012	Initial principal radionuclide (pCi/g): Co-60	1.500E-02	0.000E+00	---	S1(3)
R012	Initial principal radionuclide (pCi/g): Cs-137	2.070E-03	0.000E+00	---	S1(4)
R012	Initial principal radionuclide (pCi/g): Eu-152	9.240E-02	0.000E+00	---	S1(5)
R012	Initial principal radionuclide (pCi/g): Eu-154	5.330E-02	0.000E+00	---	S1(7)
R012	Initial principal radionuclide (pCi/g): Gd-152	9.240E-02	0.000E+00	---	S1(8)
R012	Initial principal radionuclide (pCi/g): H-3	2.611E+02	0.000E+00	---	S1(9)
R012	Initial principal radionuclide (pCi/g): Ni-63	5.400E-01	0.000E+00	---	S1(10)
R012	Initial principal radionuclide (pCi/g): Pa-231	1.530E-02	0.000E+00	---	S1(11)
R012	Initial principal radionuclide (pCi/g): Pb-210	2.300E-01	0.000E+00	---	S1(12)
R012	Initial principal radionuclide (pCi/g): Ra-226	2.300E-01	0.000E+00	---	S1(13)
R012	Initial principal radionuclide (pCi/g): Sr-90	3.812E+00	0.000E+00	---	S1(14)
R012	Initial principal radionuclide (pCi/g): Th-230	3.680E-02	0.000E+00	---	S1(15)
R012	Initial principal radionuclide (pCi/g): U-234	3.680E-02	0.000E+00	---	S1(16)
R012	Initial principal radionuclide (pCi/g): U-235	1.530E-02	0.000E+00	---	S1(17)
R012	Initial principal radionuclide (pCi/g): U-238	3.680E-02	0.000E+00	---	S1(18)
R012	Concentration in groundwater (pCi/L): Ac-227	not used	0.000E+00	---	W1(1)
R012	Concentration in groundwater (pCi/L): C-14	not used	0.000E+00	---	W1(2)
R012	Concentration in groundwater (pCi/L): Co-60	not used	0.000E+00	---	W1(3)
R012	Concentration in groundwater (pCi/L): Cs-137	not used	0.000E+00	---	W1(4)
R012	Concentration in groundwater (pCi/L): Eu-152	not used	0.000E+00	---	W1(5)
R012	Concentration in groundwater (pCi/L): Eu-154	not used	0.000E+00	---	W1(7)
R012	Concentration in groundwater (pCi/L): Gd-152	not used	0.000E+00	---	W1(8)
R012	Concentration in groundwater (pCi/L): H-3	not used	0.000E+00	---	W1(9)
R012	Concentration in groundwater (pCi/L): Ni-63	not used	0.000E+00	---	W1(10)
R012	Concentration in groundwater (pCi/L): Pa-231	not used	0.000E+00	---	W1(11)
R012	Concentration in groundwater (pCi/L): Pb-210	not used	0.000E+00	---	W1(12)
R012	Concentration in groundwater (pCi/L): Ra-226	not used	0.000E+00	---	W1(13)
R012	Concentration in groundwater (pCi/L): Sr-90	not used	0.000E+00	---	W1(14)
R012	Concentration in groundwater (pCi/L): Th-230	not used	0.000E+00	---	W1(15)
R012	Concentration in groundwater (pCi/L): U-234	not used	0.000E+00	---	W1(16)
R012	Concentration in groundwater (pCi/L): U-235	not used	0.000E+00	---	W1(17)
R012	Concentration in groundwater (pCi/L): U-238	not used	0.000E+00	---	W1(18)

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Site-Specific Parameter Summary (continued)

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R013	Cover depth (m)	0.000E+00	0.000E+00	---	COVER0
R013	Density of cover material (g/cm**3)	not used	1.500E+00	---	DENSCV
R013	Cover depth erosion rate (m/yr)	not used	1.000E-03	---	VCV
R013	Density of contaminated zone (g/cm**3)	1.660E+00	1.500E+00	---	DENSCZ
R013	Contaminated zone erosion rate (m/yr)	1.000E-03	1.000E-03	---	VCZ
R013	Contaminated zone total porosity	3.300E-01	4.000E-01	---	TPCZ
R013	Contaminated zone field capacity	2.400E-01	2.000E-01	---	FCCZ
R013	Contaminated zone hydraulic conductivity (m/yr)	5.000E+03	1.000E+01	---	HCCZ
R013	Contaminated zone b parameter	4.900E+00	5.300E+00	---	BCZ
R013	Average annual wind speed (m/sec)	6.230E+00	2.000E+00	---	WIND
R013	Humidity in air (g/m**3)	8.000E+00	8.000E+00	---	HUMID
R013	Evapotranspiration coefficient	4.600E-01	5.000E-01	---	EVAPTR
R013	Precipitation (m/yr)	1.230E+00	1.000E+00	---	PRECIP
R013	Irrigation (m/yr)	2.600E-01	2.000E-01	---	RI
R013	Irrigation mode	overhead	overhead	---	IDITCH
R013	Runoff coefficient	2.000E-01	2.000E-01	---	RUNOFF
R013	Watershed area for nearby stream or pond (m**2)	1.000E+06	1.000E+06	---	WAREA
R013	Accuracy for water/soil computations	1.000E-03	1.000E-03	---	EPS
R014	Density of saturated zone (g/cm**3)	1.660E+00	1.500E+00	---	DENSAQ
R014	Saturated zone total porosity	3.300E-01	4.000E-01	---	TPSZ
R014	Saturated zone effective porosity	2.400E-01	2.000E-01	---	EPSZ
R014	Saturated zone field capacity	2.000E-01	2.000E-01	---	FCSZ
R014	Saturated zone hydraulic conductivity (m/yr)	2.000E+04	1.000E+02	---	HCSZ
R014	Saturated zone hydraulic gradient	4.800E-03	2.000E-02	---	HGWT
R014	Saturated zone b parameter	4.900E+00	5.300E+00	---	BSZ
R014	Water table drop rate (m/yr)	1.000E-03	1.000E-03	---	VWT
R014	Well pump intake depth (m below water table)	1.800E+01	1.000E+01	---	DWIBWT
R014	Model: Nondispersion (ND) or Mass-Balance (MB)	ND	ND	---	MODEL
R014	Well pumping rate (m**3/yr)	2.500E+02	2.500E+02	---	UW
R015	Number of unsaturated zone strata	1	1	---	NS
R015	Unsat. zone 1, thickness (m)	0.000E+00	4.000E+00	---	H(1)
R015	Unsat. zone 1, soil density (g/cm**3)	1.660E+00	1.500E+00	---	DENSUZ(1)
R015	Unsat. zone 1, total porosity	3.300E-01	4.000E-01	---	TPUZ(1)
R015	Unsat. zone 1, effective porosity	2.400E-01	2.000E-01	---	EPUZ(1)
R015	Unsat. zone 1, field capacity	2.000E-01	2.000E-01	---	FCUZ(1)
R015	Unsat. zone 1, soil-specific b parameter	4.900E+00	5.300E+00	---	BUZ(1)
R015	Unsat. zone 1, hydraulic conductivity (m/yr)	5.000E+03	1.000E+01	---	HCUZ(1)
R016	Distribution coefficients for Ac-227				
R016	Contaminated zone (cm**3/g)	2.000E+01	2.000E+01	---	DCNUCC(1)
R016	Unsaturated zone 1 (cm**3/g)	2.000E+01	2.000E+01	---	DCNUCU(1,1)
R016	Saturated zone (cm**3/g)	2.000E+01	2.000E+01	---	DCNUCS(1)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	4.018E-03	ALEACH(1)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(1)

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Site-Specific Parameter Summary (continued)

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R016	Distribution coefficients for C-14				
R016	Contaminated zone (cm**3/g)	0.000E+00	0.000E+00	---	DCNUCC(2)
R016	Unsaturated zone 1 (cm**3/g)	0.000E+00	0.000E+00	---	DCNUCU(2,1)
R016	Saturated zone (cm**3/g)	0.000E+00	0.000E+00	---	DCNUCS(2)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	5.598E-01	ALEACH(2)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(2)
R016	Distribution coefficients for Co-60				
R016	Contaminated zone (cm**3/g)	2.600E+02	1.000E+03	---	DCNUCC(3)
R016	Unsaturated zone 1 (cm**3/g)	2.600E+02	1.000E+03	---	DCNUCU(3,1)
R016	Saturated zone (cm**3/g)	2.600E+02	1.000E+03	---	DCNUCS(3)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	3.111E-04	ALEACH(3)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(3)
R016	Distribution coefficients for Cs-137				
R016	Contaminated zone (cm**3/g)	5.300E+02	4.600E+03	---	DCNUCC(4)
R016	Unsaturated zone 1 (cm**3/g)	5.300E+02	4.600E+03	---	DCNUCU(4,1)
R016	Saturated zone (cm**3/g)	5.300E+02	4.600E+03	---	DCNUCS(4)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	1.527E-04	ALEACH(4)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(4)
R016	Distribution coefficients for Eu-152				
R016	Contaminated zone (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCC(5)
R016	Unsaturated zone 1 (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCU(5,1)
R016	Saturated zone (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCS(5)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	9.810E-05	ALEACH(5)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(5)
R016	Distribution coefficients for Eu-154				
R016	Contaminated zone (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCC(7)
R016	Unsaturated zone 1 (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCU(7,1)
R016	Saturated zone (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCS(7)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	9.810E-05	ALEACH(7)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(7)
R016	Distribution coefficients for Gd-152				
R016	Contaminated zone (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCC(8)
R016	Unsaturated zone 1 (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCU(8,1)
R016	Saturated zone (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCS(8)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	9.810E-05	ALEACH(8)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(8)
R016	Distribution coefficients for H-3				
R016	Contaminated zone (cm**3/g)	0.000E+00	0.000E+00	---	DCNUCC(9)
R016	Unsaturated zone 1 (cm**3/g)	0.000E+00	0.000E+00	---	DCNUCU(9,1)
R016	Saturated zone (cm**3/g)	0.000E+00	0.000E+00	---	DCNUCS(9)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	5.598E-01	ALEACH(9)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(9)

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Site-Specific Parameter Summary (continued)

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R016	Distribution coefficients for Ni-63				
R016	Contaminated zone (cm**3/g)	1.000E+03	1.000E+03	---	DCNUCC(10)
R016	Unsaturated zone 1 (cm**3/g)	1.000E+03	1.000E+03	---	DCNUCU(10,1)
R016	Saturated zone (cm**3/g)	1.000E+03	1.000E+03	---	DCNUCS(10)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	8.092E-05	ALEACH(10)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(10)
R016	Distribution coefficients for Pa-231				
R016	Contaminated zone (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCC(11)
R016	Unsaturated zone 1 (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCU(11,1)
R016	Saturated zone (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCS(11)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	1.614E-03	ALEACH(11)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(11)
R016	Distribution coefficients for Pb-210				
R016	Contaminated zone (cm**3/g)	1.000E+02	1.000E+02	---	DCNUCC(12)
R016	Unsaturated zone 1 (cm**3/g)	1.000E+02	1.000E+02	---	DCNUCU(12,1)
R016	Saturated zone (cm**3/g)	1.000E+02	1.000E+02	---	DCNUCS(12)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	8.082E-04	ALEACH(12)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(12)
R016	Distribution coefficients for Ra-226				
R016	Contaminated zone (cm**3/g)	7.000E+01	7.000E+01	---	DCNUCC(13)
R016	Unsaturated zone 1 (cm**3/g)	7.000E+01	7.000E+01	---	DCNUCU(13,1)
R016	Saturated zone (cm**3/g)	7.000E+01	7.000E+01	---	DCNUCS(13)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	1.154E-03	ALEACH(13)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(13)
R016	Distribution coefficients for Sr-90				
R016	Contaminated zone (cm**3/g)	2.200E+01	3.000E+01	---	DCNUCC(14)
R016	Unsaturated zone 1 (cm**3/g)	2.200E+01	3.000E+01	---	DCNUCU(14,1)
R016	Saturated zone (cm**3/g)	2.200E+01	3.000E+01	---	DCNUCS(14)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	3.655E-03	ALEACH(14)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(14)
R016	Distribution coefficients for Th-230				
R016	Contaminated zone (cm**3/g)	6.000E+04	6.000E+04	---	DCNUCC(15)
R016	Unsaturated zone 1 (cm**3/g)	6.000E+04	6.000E+04	---	DCNUCU(15,1)
R016	Saturated zone (cm**3/g)	6.000E+04	6.000E+04	---	DCNUCS(15)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	1.349E-06	ALEACH(15)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(15)
R016	Distribution coefficients for U-234				
R016	Contaminated zone (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCC(16)
R016	Unsaturated zone 1 (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCU(16,1)
R016	Saturated zone (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCS(16)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	1.614E-03	ALEACH(16)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(16)

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Site-Specific Parameter Summary (continued)

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R016	Distribution coefficients for U-235				
R016	Contaminated zone (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCC(17)
R016	Unsaturated zone 1 (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCU(17,1)
R016	Saturated zone (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCS(17)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	1.614E-03	ALEACH(17)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(17)
R016	Distribution coefficients for U-238				
R016	Contaminated zone (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCC(18)
R016	Unsaturated zone 1 (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCU(18,1)
R016	Saturated zone (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCS(18)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	1.614E-03	ALEACH(18)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(18)
R017	Inhalation rate (m**3/yr)	7.300E+03	8.400E+03	---	INHALR
R017	Mass loading for inhalation (g/m**3)	1.000E-04	1.000E-04	---	MLINH
R017	Exposure duration	3.000E+01	3.000E+01	---	ED
R017	Shielding factor, inhalation	4.000E-01	4.000E-01	---	SHF3
R017	Shielding factor, external gamma	8.000E-01	7.000E-01	---	SHF1
R017	Fraction of time spent indoors	5.000E-01	5.000E-01	---	FIND
R017	Fraction of time spent outdoors (on site)	2.500E-01	2.500E-01	---	FOTD
R017	Shape factor flag, external gamma	1.000E+00	1.000E+00	>0 shows circular AREA.	FS
R017	Radii of shape factor array (used if FS = -1):				
R017	Outer annular radius (m), ring 1:	not used	5.000E+01	---	RAD_SHAPE(1)
R017	Outer annular radius (m), ring 2:	not used	7.071E+01	---	RAD_SHAPE(2)
R017	Outer annular radius (m), ring 3:	not used	0.000E+00	---	RAD_SHAPE(3)
R017	Outer annular radius (m), ring 4:	not used	0.000E+00	---	RAD_SHAPE(4)
R017	Outer annular radius (m), ring 5:	not used	0.000E+00	---	RAD_SHAPE(5)
R017	Outer annular radius (m), ring 6:	not used	0.000E+00	---	RAD_SHAPE(6)
R017	Outer annular radius (m), ring 7:	not used	0.000E+00	---	RAD_SHAPE(7)
R017	Outer annular radius (m), ring 8:	not used	0.000E+00	---	RAD_SHAPE(8)
R017	Outer annular radius (m), ring 9:	not used	0.000E+00	---	RAD_SHAPE(9)
R017	Outer annular radius (m), ring 10:	not used	0.000E+00	---	RAD_SHAPE(10)
R017	Outer annular radius (m), ring 11:	not used	0.000E+00	---	RAD_SHAPE(11)
R017	Outer annular radius (m), ring 12:	not used	0.000E+00	---	RAD_SHAPE(12)
R017	Fractions of annular areas within AREA:				
R017	Ring 1	not used	1.000E+00	---	FRACA(1)
R017	Ring 2	not used	2.732E-01	---	FRACA(2)
R017	Ring 3	not used	0.000E+00	---	FRACA(3)
R017	Ring 4	not used	0.000E+00	---	FRACA(4)
R017	Ring 5	not used	0.000E+00	---	FRACA(5)
R017	Ring 6	not used	0.000E+00	---	FRACA(6)
R017	Ring 7	not used	0.000E+00	---	FRACA(7)
R017	Ring 8	not used	0.000E+00	---	FRACA(8)
R017	Ring 9	not used	0.000E+00	---	FRACA(9)
R017	Ring 10	not used	0.000E+00	---	FRACA(10)
R017	Ring 11	not used	0.000E+00	---	FRACA(11)
R017	Ring 12	not used	0.000E+00	---	FRACA(12)

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Site-Specific Parameter Summary (continued)

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R018	Fruits, vegetables and grain consumption (kg/yr)	1.600E+02	1.600E+02	---	DIET(1)
R018	Leafy vegetable consumption (kg/yr)	1.400E+01	1.400E+01	---	DIET(2)
R018	Milk consumption (L/yr)	not used	9.200E+01	---	DIET(3)
R018	Meat and poultry consumption (kg/yr)	not used	6.300E+01	---	DIET(4)
R018	Fish consumption (kg/yr)	not used	5.400E+00	---	DIET(5)
R018	Other seafood consumption (kg/yr)	not used	9.000E-01	---	DIET(6)
R018	Soil ingestion rate (g/yr)	4.380E+01	3.650E+01	---	SOIL
R018	Drinking water intake (L/yr)	7.000E+02	5.100E+02	---	DWI
R018	Contamination fraction of drinking water	1.000E+00	1.000E+00	---	FDW
R018	Contamination fraction of household water	not used	1.000E+00	---	FHHW
R018	Contamination fraction of livestock water	not used	1.000E+00	---	FLW
R018	Contamination fraction of irrigation water	1.000E+00	1.000E+00	---	FIRW
R018	Contamination fraction of aquatic food	not used	5.000E-01	---	FR9
R018	Contamination fraction of plant food	-1	-1	0.730E-01	FPLANT
R018	Contamination fraction of meat	not used	-1	---	FMEAT
R018	Contamination fraction of milk	not used	-1	---	FMILK
R019	Livestock fodder intake for meat (kg/day)	not used	6.800E+01	---	LFI5
R019	Livestock fodder intake for milk (kg/day)	not used	5.500E+01	---	LFI6
R019	Livestock water intake for meat (L/day)	not used	5.000E+01	---	LWI5
R019	Livestock water intake for milk (L/day)	not used	1.600E+02	---	LWI6
R019	Livestock soil intake (kg/day)	not used	5.000E-01	---	LSI
R019	Mass loading for foliar deposition (g/m**3)	1.000E-05	1.000E-04	---	MLFD
R019	Depth of soil mixing layer (m)	1.500E-01	1.500E-01	---	DM
R019	Depth of roots (m)	9.000E-01	9.000E-01	---	DROOT
R019	Drinking water fraction from ground water	1.000E+00	1.000E+00	---	FGWDW
R019	Household water fraction from ground water	not used	1.000E+00	---	FGWHH
R019	Livestock water fraction from ground water	not used	1.000E+00	---	FGWLW
R019	Irrigation fraction from ground water	1.000E+00	1.000E+00	---	FGWIR
R19B	Wet weight crop yield for Non-Leafy (kg/m**2)	7.000E-01	7.000E-01	---	YV(1)
R19B	Wet weight crop yield for Leafy (kg/m**2)	1.500E+00	1.500E+00	---	YV(2)
R19B	Wet weight crop yield for Fodder (kg/m**2)	not used	1.100E+00	---	YV(3)
R19B	Growing Season for Non-Leafy (years)	1.700E-01	1.700E-01	---	TE(1)
R19B	Growing Season for Leafy (years)	2.500E-01	2.500E-01	---	TE(2)
R19B	Growing Season for Fodder (years)	not used	8.000E-02	---	TE(3)
R19B	Translocation Factor for Non-Leafy	1.000E-01	1.000E-01	---	TIV(1)
R19B	Translocation Factor for Leafy	1.000E+00	1.000E+00	---	TIV(2)
R19B	Translocation Factor for Fodder	not used	1.000E+00	---	TIV(3)
R19B	Dry Foliar Interception Fraction for Non-Leafy	2.500E-01	2.500E-01	---	RDRY(1)
R19B	Dry Foliar Interception Fraction for Leafy	2.500E-01	2.500E-01	---	RDRY(2)
R19B	Dry Foliar Interception Fraction for Fodder	not used	2.500E-01	---	RDRY(3)
R19B	Wet Foliar Interception Fraction for Non-Leafy	2.500E-01	2.500E-01	---	RWET(1)
R19B	Wet Foliar Interception Fraction for Leafy	2.500E-01	2.500E-01	---	RWET(2)
R19B	Wet Foliar Interception Fraction for Fodder	not used	2.500E-01	---	RWET(3)
R19B	Weathering Removal Constant for Vegetation	2.000E+01	2.000E+01	---	WLAM
C14	C-12 concentration in water (g/cm**3)	2.000E-05	2.000E-05	---	C12WTR
C14	C-12 concentration in contaminated soil (g/g)	3.000E-02	3.000E-02	---	C12CZ
C14	Fraction of vegetation carbon from soil	2.000E-02	2.000E-02	---	CSOIL

Site-Specific Parameter Summary (continued)

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
C14	Fraction of vegetation carbon from air	9.800E-01	9.800E-01	---	CAIR
C14	C-14 evasion layer thickness in soil (m)	3.000E-01	3.000E-01	---	DMC
C14	C-14 evasion flux rate from soil (1/sec)	7.000E-07	7.000E-07	---	EVSN
C14	C-12 evasion flux rate from soil (1/sec)	1.000E-10	1.000E-10	---	REVSN
C14	Fraction of grain in beef cattle feed	8.000E-01	8.000E-01	---	AVFG4
C14	Fraction of grain in milk cow feed	2.000E-01	2.000E-01	---	AVFG5
STOR	Storage times of contaminated foodstuffs (days):				
STOR	Fruits, non-leafy vegetables, and grain	1.400E+01	1.400E+01	---	STOR_T(1)
STOR	Leafy vegetables	1.000E+00	1.000E+00	---	STOR_T(2)
STOR	Milk	1.000E+00	1.000E+00	---	STOR_T(3)
STOR	Meat and poultry	2.000E+01	2.000E+01	---	STOR_T(4)
STOR	Fish	7.000E+00	7.000E+00	---	STOR_T(5)
STOR	Crustacea and mollusks	7.000E+00	7.000E+00	---	STOR_T(6)
STOR	Well water	1.000E+00	1.000E+00	---	STOR_T(7)
STOR	Surface water	1.000E+00	1.000E+00	---	STOR_T(8)
STOR	Livestock fodder	4.500E+01	4.500E+01	---	STOR_T(9)
R021	Thickness of building foundation (m)	not used	1.500E-01	---	FLOOR1
R021	Bulk density of building foundation (g/cm**3)	not used	2.400E+00	---	DENSFL
R021	Total porosity of the cover material	not used	4.000E-01	---	TPCV
R021	Total porosity of the building foundation	not used	1.000E-01	---	TPFL
R021	Volumetric water content of the cover material	not used	5.000E-02	---	PH2OCV
R021	Volumetric water content of the foundation	not used	3.000E-02	---	PH2OFL
R021	Diffusion coefficient for radon gas (m/sec):				
R021	in cover material	not used	2.000E-06	---	DIFCV
R021	in foundation material	not used	3.000E-07	---	DIFFL
R021	in contaminated zone soil	not used	2.000E-06	---	DIFCZ
R021	Radon vertical dimension of mixing (m)	not used	2.000E+00	---	HMIX
R021	Average building air exchange rate (1/hr)	not used	5.000E-01	---	REXG
R021	Height of the building (room) (m)	not used	2.500E+00	---	HRM
R021	Building interior area factor	not used	0.000E+00	---	FAI
R021	Building depth below ground surface (m)	not used	-1.000E+00	---	DMFL
R021	Emanating power of Rn-222 gas	not used	2.500E-01	---	EMANA(1)
R021	Emanating power of Rn-220 gas	not used	1.500E-01	---	EMANA(2)
TITL	Number of graphical time points	32	---	---	NPTS
TITL	Maximum number of integration points for dose	17	---	---	LYMAX
TITL	Maximum number of integration points for risk	257	---	---	KYMAX

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Summary of Pathway Selections

Pathway	User Selection
1 -- external gamma	active
2 -- inhalation (w/o radon)	active
3 -- plant ingestion	active
4 -- meat ingestion	suppressed
5 -- milk ingestion	suppressed
6 -- aquatic foods	suppressed
7 -- drinking water	active
8 -- soil ingestion	active
9 -- radon	suppressed
Find peak pathway doses	suppressed

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Contaminated Zone Dimensions	
Area:	146.00 square meters
Thickness:	5.00 meters
Cover Depth:	0.00 meters

Initial Soil Concentrations, pCi/g	
Ac-227	1.530E-02
C-14	1.036E+00
Co-60	1.500E-02
Cs-137	2.070E-03
Eu-152	9.240E-02
Eu-154	5.330E-02
Gd-152	9.240E-02
H-3	2.611E+02
Ni-63	5.400E-01
Pa-231	1.530E-02
Pb-210	2.300E-01
Ra-226	2.300E-01
Sr-90	3.812E+00
Th-230	3.680E-02
U-234	3.680E-02
U-235	1.530E-02
U-238	3.680E-02

Total Dose TDOSE(t), mrem/yr
Basic Radiation Dose Limit = 2.500E+01 mrem/yr
Total Mixture Sum M(t) = Fraction of Basic Dose Limit Received at Time (t)

t (years):	0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
TDOSE(t):	5.729E+00	4.997E+00	4.352E+00	3.965E+00	2.400E+00	1.802E+00	9.106E-01	4.538E-01
M(t):	2.292E-01	1.999E-01	1.741E-01	1.586E-01	9.598E-02	7.207E-02	3.642E-02	1.815E-02

Maximum TDOSE(t): 5.729E+00 mrem/yr at t = 0.000E+00 years

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Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 0.000E+00 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	1.637E-02	0.0029	1.343E-03	0.0002	0.000E+00	0.0000	7.063E-03	0.0012	0.000E+00	0.0000	0.000E+00	0.0000	1.067E-03	0.0002
C-14	3.470E-06	0.0000	1.014E-05	0.0000	0.000E+00	0.0000	1.224E-02	0.0021	0.000E+00	0.0000	0.000E+00	0.0000	4.669E-06	0.0000
Co-60	1.203E-01	0.0210	4.091E-08	0.0000	0.000E+00	0.0000	3.842E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	1.813E-06	0.0000
Cs-137	3.676E-03	0.0006	8.677E-10	0.0000	0.000E+00	0.0000	5.198E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.907E-07	0.0000
Eu-152	3.349E-01	0.0584	2.645E-07	0.0000	0.000E+00	0.0000	1.853E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.798E-06	0.0000
Eu-154	2.081E-01	0.0363	1.949E-07	0.0000	0.000E+00	0.0000	1.554E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.348E-06	0.0000
Gd-152	0.000E+00	0.0000	2.985E-04	0.0001	0.000E+00	0.0000	4.724E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	7.135E-05	0.0000
H-3	0.000E+00	0.0000	5.077E-03	0.0009	0.000E+00	0.0000	7.344E-01	0.1282	0.000E+00	0.0000	0.000E+00	0.0000	4.873E-05	0.0000
Ni-63	0.000E+00	0.0000	4.499E-08	0.0000	0.000E+00	0.0000	1.972E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.489E-06	0.0000
Pa-231	1.834E-03	0.0003	2.816E-04	0.0000	0.000E+00	0.0000	2.072E-02	0.0036	0.000E+00	0.0000	0.000E+00	0.0000	7.943E-04	0.0001
Pb-210	7.538E-04	0.0001	6.980E-05	0.0000	0.000E+00	0.0000	2.092E-01	0.0365	0.000E+00	0.0000	0.000E+00	0.0000	7.900E-03	0.0014
Ra-226	1.360E+00	0.2374	2.735E-05	0.0000	0.000E+00	0.0000	1.581E-01	0.0276	0.000E+00	0.0000	0.000E+00	0.0000	1.579E-03	0.0003
Sr-90	4.889E-02	0.0085	6.540E-05	0.0000	0.000E+00	0.0000	2.190E+00	0.3822	0.000E+00	0.0000	0.000E+00	0.0000	2.756E-03	0.0005
Th-230	7.181E-05	0.0000	1.595E-04	0.0000	0.000E+00	0.0000	2.613E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.677E-05	0.0000
U-234	8.312E-06	0.0000	6.452E-05	0.0000	0.000E+00	0.0000	3.305E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	4.991E-05	0.0000
U-235	6.387E-03	0.0011	2.500E-05	0.0000	0.000E+00	0.0000	1.300E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.961E-05	0.0000
U-238	2.973E-03	0.0005	5.770E-05	0.0000	0.000E+00	0.0000	3.138E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	4.739E-05	0.0000
Total	2.105E+00	0.3674	7.480E-03	0.0013	0.000E+00	0.0000	3.334E+00	0.5818	0.000E+00	0.0000	0.000E+00	0.0000	1.444E-02	0.0025

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Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 0.000E+00 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	5.645E-03	0.0010	0.000E+00	0.0000	0.000E+00	0.0000	5.707E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.155E-02	0.0055
C-14	2.160E-02	0.0038	0.000E+00	0.0000	0.000E+00	0.0000	7.395E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.394E-02	0.0059
Co-60	3.119E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.075E-10	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.207E-01	0.0211
Cs-137	1.747E-10	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.212E-13	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.729E-03	0.0007
Eu-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.349E-01	0.0585
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.082E-01	0.0363
Gd-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.422E-04	0.0001
H-3	2.222E-01	0.0388	0.000E+00	0.0000	0.000E+00	0.0000	4.466E-03	0.0008	0.000E+00	0.0000	0.000E+00	0.0000	9.661E-01	0.1686
Ni-63	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.987E-04	0.0000
Pa-231	7.138E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	7.189E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.435E-02	0.0043
Pb-210	1.441E-03	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	1.446E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.194E-01	0.0383
Ra-226	6.181E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	6.288E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.521E+00	0.2654
Sr-90	1.204E-02	0.0021	0.000E+00	0.0000	0.000E+00	0.0000	1.311E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.254E+00	0.3933
Th-230	1.230E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.205E-10	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.894E-04	0.0001
U-234	4.050E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.082E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.941E-04	0.0001
U-235	1.592E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.604E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.578E-03	0.0011
U-238	3.845E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.876E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.431E-03	0.0006
Total	2.643E-01	0.0461	0.000E+00	0.0000	0.000E+00	0.0000	4.757E-03	0.0008	0.000E+00	0.0000	0.000E+00	0.0000	5.729E+00	1.0000

*Sum of all water independent and dependent pathways.

Summary : HFBR SU 7A_Residential_AVG Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\SU 7A_RESIDENTIAL_AVG BKGD SUBTRACT.RAD

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+00 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	1.580E-02	0.0032	1.296E-03	0.0003	0.000E+00	0.0000	6.814E-03	0.0014	0.000E+00	0.0000	0.000E+00	0.0000	1.029E-03	0.0002
C-14	5.255E-07	0.0000	1.536E-06	0.0000	0.000E+00	0.0000	1.891E-03	0.0004	0.000E+00	0.0000	0.000E+00	0.0000	7.071E-07	0.0000
Co-60	1.055E-01	0.0211	3.586E-08	0.0000	0.000E+00	0.0000	3.367E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	1.589E-06	0.0000
Cs-137	3.592E-03	0.0007	8.477E-10	0.0000	0.000E+00	0.0000	5.078E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.794E-07	0.0000
Eu-152	3.179E-01	0.0636	2.511E-07	0.0000	0.000E+00	0.0000	1.759E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.656E-06	0.0000
Eu-154	1.924E-01	0.0385	1.801E-07	0.0000	0.000E+00	0.0000	1.436E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.169E-06	0.0000
Gd-152	0.000E+00	0.0000	2.984E-04	0.0001	0.000E+00	0.0000	4.723E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	7.134E-05	0.0000
H-3	0.000E+00	0.0000	1.700E-03	0.0003	0.000E+00	0.0000	2.480E-01	0.0496	0.000E+00	0.0000	0.000E+00	0.0000	1.632E-05	0.0000
Ni-63	0.000E+00	0.0000	4.466E-08	0.0000	0.000E+00	0.0000	1.957E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.478E-06	0.0000
Pa-231	2.343E-03	0.0005	3.231E-04	0.0001	0.000E+00	0.0000	2.091E-02	0.0042	0.000E+00	0.0000	0.000E+00	0.0000	8.263E-04	0.0002
Pb-210	7.302E-04	0.0001	6.761E-05	0.0000	0.000E+00	0.0000	2.027E-01	0.0406	0.000E+00	0.0000	0.000E+00	0.0000	7.652E-03	0.0015
Ra-226	1.358E+00	0.2718	2.944E-05	0.0000	0.000E+00	0.0000	1.644E-01	0.0329	0.000E+00	0.0000	0.000E+00	0.0000	1.818E-03	0.0004
Sr-90	4.757E-02	0.0095	6.363E-05	0.0000	0.000E+00	0.0000	2.130E+00	0.4263	0.000E+00	0.0000	0.000E+00	0.0000	2.681E-03	0.0005
Th-230	1.660E-04	0.0000	1.595E-04	0.0000	0.000E+00	0.0000	2.724E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	9.689E-05	0.0000
U-234	8.300E-06	0.0000	6.442E-05	0.0000	0.000E+00	0.0000	3.299E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	4.983E-05	0.0000
U-235	6.377E-03	0.0013	2.497E-05	0.0000	0.000E+00	0.0000	1.302E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.960E-05	0.0000
U-238	2.968E-03	0.0006	5.760E-05	0.0000	0.000E+00	0.0000	3.133E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	4.731E-05	0.0000
Total	2.053E+00	0.4109	4.087E-03	0.0008	0.000E+00	0.0000	2.777E+00	0.5557	0.000E+00	0.0000	0.000E+00	0.0000	1.432E-02	0.0029

Summary : HFBR SU 7A_Residential_AVG Bkgd Subtract
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Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+00 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	1.648E-02	0.0033	0.000E+00	0.0000	0.000E+00	0.0000	1.720E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.159E-02	0.0083
C-14	3.686E-03	0.0007	0.000E+00	0.0000	0.000E+00	0.0000	1.276E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.593E-03	0.0011
Co-60	8.372E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.765E-10	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.058E-01	0.0212
Cs-137	5.207E-10	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.144E-12	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.643E-03	0.0007
Eu-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.179E-01	0.0636
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.924E-01	0.0385
Gd-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.421E-04	0.0002
H-3	8.124E-02	0.0163	0.000E+00	0.0000	0.000E+00	0.0000	1.638E-03	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	3.326E-01	0.0666
Ni-63	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.973E-04	0.0000
Pa-231	2.471E-03	0.0005	0.000E+00	0.0000	0.000E+00	0.0000	2.571E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.690E-02	0.0054
Pb-210	4.218E-03	0.0008	0.000E+00	0.0000	0.000E+00	0.0000	4.393E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.154E-01	0.0431
Ra-226	2.008E-03	0.0004	0.000E+00	0.0000	0.000E+00	0.0000	2.113E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.526E+00	0.3055
Sr-90	3.542E-02	0.0071	0.000E+00	0.0000	0.000E+00	0.0000	3.980E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	2.216E+00	0.4436
Th-230	9.120E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.418E-10	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.949E-04	0.0001
U-234	1.218E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.269E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.755E-04	0.0001
U-235	4.791E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.992E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.600E-03	0.0013
U-238	1.156E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.205E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.503E-03	0.0007
Total	1.458E-01	0.0292	0.000E+00	0.0000	0.000E+00	0.0000	2.315E-03	0.0005	0.000E+00	0.0000	0.000E+00	0.0000	4.997E+00	1.0000

*Sum of all water independent and dependent pathways.

Summary : HFBR SU 7A_Residential_AVG Bkgd Subtract
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Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+00 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	1.369E-02	0.0031	1.123E-03	0.0003	0.000E+00	0.0000	5.904E-03	0.0014	0.000E+00	0.0000	0.000E+00	0.0000	8.915E-04	0.0002
C-14	2.749E-10	0.0000	8.036E-10	0.0000	0.000E+00	0.0000	9.896E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.699E-10	0.0000
Co-60	6.225E-02	0.0143	2.117E-08	0.0000	0.000E+00	0.0000	1.987E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.380E-07	0.0000
Cs-137	3.273E-03	0.0008	7.724E-10	0.0000	0.000E+00	0.0000	4.627E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.368E-07	0.0000
Eu-152	2.581E-01	0.0593	2.039E-07	0.0000	0.000E+00	0.0000	1.428E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.156E-06	0.0000
Eu-154	1.403E-01	0.0322	1.314E-07	0.0000	0.000E+00	0.0000	1.048E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.583E-06	0.0000
Gd-152	0.000E+00	0.0000	2.983E-04	0.0001	0.000E+00	0.0000	4.722E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	7.131E-05	0.0000
H-3	0.000E+00	0.0000	2.136E-05	0.0000	0.000E+00	0.0000	3.115E-03	0.0007	0.000E+00	0.0000	0.000E+00	0.0000	2.051E-07	0.0000
Ni-63	0.000E+00	0.0000	4.338E-08	0.0000	0.000E+00	0.0000	1.901E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.436E-06	0.0000
Pa-231	4.195E-03	0.0010	4.743E-04	0.0001	0.000E+00	0.0000	2.158E-02	0.0050	0.000E+00	0.0000	0.000E+00	0.0000	9.426E-04	0.0002
Pb-210	6.427E-04	0.0001	5.952E-05	0.0000	0.000E+00	0.0000	1.784E-01	0.0410	0.000E+00	0.0000	0.000E+00	0.0000	6.736E-03	0.0015
Ra-226	1.350E+00	0.3102	3.712E-05	0.0000	0.000E+00	0.0000	1.869E-01	0.0429	0.000E+00	0.0000	0.000E+00	0.0000	2.697E-03	0.0006
Sr-90	4.262E-02	0.0098	5.701E-05	0.0000	0.000E+00	0.0000	1.909E+00	0.4386	0.000E+00	0.0000	0.000E+00	0.0000	2.402E-03	0.0006
Th-230	5.414E-04	0.0001	1.595E-04	0.0000	0.000E+00	0.0000	3.212E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	9.751E-05	0.0000
U-234	8.259E-06	0.0000	6.401E-05	0.0000	0.000E+00	0.0000	3.278E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	4.951E-05	0.0000
U-235	6.336E-03	0.0015	2.484E-05	0.0000	0.000E+00	0.0000	1.312E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.954E-05	0.0000
U-238	2.949E-03	0.0007	5.723E-05	0.0000	0.000E+00	0.0000	3.113E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	4.701E-05	0.0000
Total	1.885E+00	0.4331	2.376E-03	0.0005	0.000E+00	0.0000	2.307E+00	0.5301	0.000E+00	0.0000	0.000E+00	0.0000	1.396E-02	0.0032

Summary : HFBR SU 7A_Residential_AVG Bkgd Subtract
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Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+00 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	3.032E-02	0.0070	0.000E+00	0.0000	0.000E+00	0.0000	3.226E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	5.225E-02	0.0120
C-14	1.931E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.682E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.928E-06	0.0000
Co-60	1.828E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.964E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.245E-02	0.0144
Cs-137	1.805E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.728E-11	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.320E-03	0.0008
Eu-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.581E-01	0.0593
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.403E-01	0.0322
Gd-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.418E-04	0.0002
H-3	1.021E-03	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	2.059E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.178E-03	0.0010
Ni-63	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.916E-04	0.0000
Pa-231	1.244E-02	0.0029	0.000E+00	0.0000	0.000E+00	0.0000	1.317E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.976E-02	0.0091
Pb-210	1.367E-02	0.0031	0.000E+00	0.0000	0.000E+00	0.0000	1.448E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.996E-01	0.0459
Ra-226	9.621E-03	0.0022	0.000E+00	0.0000	0.000E+00	0.0000	1.026E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.549E+00	0.3560
Sr-90	7.432E-02	0.0171	0.000E+00	0.0000	0.000E+00	0.0000	8.520E-04	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	2.029E+00	0.4663
Th-230	1.456E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.545E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.121E-03	0.0003
U-234	4.458E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	4.715E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.001E-04	0.0002
U-235	1.762E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.864E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.689E-03	0.0015
U-238	4.233E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	4.477E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.792E-03	0.0009
Total	1.424E-01	0.0327	0.000E+00	0.0000	0.000E+00	0.0000	1.585E-03	0.0004	0.000E+00	0.0000	0.000E+00	0.0000	4.352E+00	1.0000

*Sum of all water independent and dependent pathways.

Summary : HFBR SU 7A_Residential_AVG Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\SU 7A_RESIDENTIAL_AVG BKGD SUBTRACT.RAD

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+01 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	1.144E-02	0.0029	9.386E-04	0.0002	0.000E+00	0.0000	4.935E-03	0.0012	0.000E+00	0.0000	0.000E+00	0.0000	7.452E-04	0.0002
C-14	2.149E-14	0.0000	6.282E-14	0.0000	0.000E+00	0.0000	7.738E-11	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.892E-14	0.0000
Co-60	3.220E-02	0.0081	1.095E-08	0.0000	0.000E+00	0.0000	1.028E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.853E-07	0.0000
Cs-137	2.914E-03	0.0007	6.876E-10	0.0000	0.000E+00	0.0000	4.119E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.888E-07	0.0000
Eu-152	1.989E-01	0.0502	1.571E-07	0.0000	0.000E+00	0.0000	1.100E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.662E-06	0.0000
Eu-154	9.459E-02	0.0239	8.856E-08	0.0000	0.000E+00	0.0000	7.064E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.067E-06	0.0000
Gd-152	0.000E+00	0.0000	2.982E-04	0.0001	0.000E+00	0.0000	4.719E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	7.128E-05	0.0000
H-3	0.000E+00	0.0000	8.945E-08	0.0000	0.000E+00	0.0000	1.305E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.587E-10	0.0000
Ni-63	0.000E+00	0.0000	4.182E-08	0.0000	0.000E+00	0.0000	1.833E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.384E-06	0.0000
Pa-231	6.147E-03	0.0016	6.334E-04	0.0002	0.000E+00	0.0000	2.226E-02	0.0056	0.000E+00	0.0000	0.000E+00	0.0000	1.064E-03	0.0003
Pb-210	5.480E-04	0.0001	5.074E-05	0.0000	0.000E+00	0.0000	1.521E-01	0.0384	0.000E+00	0.0000	0.000E+00	0.0000	5.743E-03	0.0014
Ra-226	1.339E+00	0.3378	4.534E-05	0.0000	0.000E+00	0.0000	2.109E-01	0.0532	0.000E+00	0.0000	0.000E+00	0.0000	3.639E-03	0.0009
Sr-90	3.715E-02	0.0094	4.970E-05	0.0000	0.000E+00	0.0000	1.664E+00	0.4197	0.000E+00	0.0000	0.000E+00	0.0000	2.094E-03	0.0005
Th-230	1.007E-03	0.0003	1.595E-04	0.0000	0.000E+00	0.0000	3.902E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	9.861E-05	0.0000
U-234	8.227E-06	0.0000	6.350E-05	0.0000	0.000E+00	0.0000	3.252E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	4.912E-05	0.0000
U-235	6.285E-03	0.0016	2.470E-05	0.0000	0.000E+00	0.0000	1.324E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.949E-05	0.0000
U-238	2.926E-03	0.0007	5.677E-05	0.0000	0.000E+00	0.0000	3.088E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	4.663E-05	0.0000
Total	1.733E+00	0.4372	2.321E-03	0.0006	0.000E+00	0.0000	2.056E+00	0.5186	0.000E+00	0.0000	0.000E+00	0.0000	1.358E-02	0.0034

Summary : HFBR SU 7A_Residential_AVG Bkgd Subtract
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Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+01 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	2.534E-02	0.0064	0.000E+00	0.0000	0.000E+00	0.0000	2.696E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	4.367E-02	0.0110
C-14	1.512E-10	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.232E-13	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.292E-10	0.0000
Co-60	1.809E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.953E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.231E-02	0.0081
Cs-137	3.085E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.127E-11	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.955E-03	0.0007
Eu-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.989E-01	0.0502
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.460E-02	0.0239
Gd-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.414E-04	0.0002
H-3	4.276E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.624E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.750E-05	0.0000
Ni-63	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.847E-04	0.0000
Pa-231	2.063E-02	0.0052	0.000E+00	0.0000	0.000E+00	0.0000	2.195E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	5.096E-02	0.0129
Pb-210	2.231E-02	0.0056	0.000E+00	0.0000	0.000E+00	0.0000	2.371E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	1.810E-01	0.0457
Ra-226	2.309E-02	0.0058	0.000E+00	0.0000	0.000E+00	0.0000	2.466E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	1.577E+00	0.3978
Sr-90	6.477E-02	0.0163	0.000E+00	0.0000	0.000E+00	0.0000	7.425E-04	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	1.769E+00	0.4461
Th-230	6.408E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.831E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.662E-03	0.0004
U-234	6.711E-04	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	7.139E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.124E-03	0.0003
U-235	2.671E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	2.842E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.732E-03	0.0017
U-238	6.373E-04	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	6.779E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.982E-03	0.0010
Total	1.577E-01	0.0398	0.000E+00	0.0000	0.000E+00	0.0000	1.732E-03	0.0004	0.000E+00	0.0000	0.000E+00	0.0000	3.965E+00	1.0000

*Sum of all water independent and dependent pathways.

Summary : HFBR SU 7A_Residential_AVG Bkgd Subtract
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Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+01 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	2.727E-03	0.0011	2.237E-04	0.0001	0.000E+00	0.0000	1.176E-03	0.0005	0.000E+00	0.0000	0.000E+00	0.0000	1.776E-04	0.0001
C-14	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Co-60	1.652E-04	0.0001	5.618E-11	0.0000	0.000E+00	0.0000	5.275E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.490E-09	0.0000
Cs-137	1.149E-03	0.0005	2.712E-10	0.0000	0.000E+00	0.0000	1.625E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.534E-07	0.0000
Eu-152	2.475E-02	0.0103	1.955E-08	0.0000	0.000E+00	0.0000	1.369E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.068E-07	0.0000
Eu-154	4.035E-03	0.0017	3.777E-09	0.0000	0.000E+00	0.0000	3.013E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.551E-08	0.0000
Gd-152	0.000E+00	0.0000	2.970E-04	0.0001	0.000E+00	0.0000	4.701E-04	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	7.100E-05	0.0000
H-3	0.000E+00	0.0000	7.105E-27	0.0000	0.000E+00	0.0000	1.037E-24	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Ni-63	0.000E+00	0.0000	3.123E-08	0.0000	0.000E+00	0.0000	1.369E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	1.034E-06	0.0000
Pa-231	1.319E-02	0.0055	1.203E-03	0.0005	0.000E+00	0.0000	2.406E-02	0.0100	0.000E+00	0.0000	0.000E+00	0.0000	1.481E-03	0.0006
Pb-210	1.530E-04	0.0001	1.417E-05	0.0000	0.000E+00	0.0000	4.247E-02	0.0177	0.000E+00	0.0000	0.000E+00	0.0000	1.604E-03	0.0007
Ra-226	1.257E+00	0.5239	7.686E-05	0.0000	0.000E+00	0.0000	3.008E-01	0.1254	0.000E+00	0.0000	0.000E+00	0.0000	7.299E-03	0.0030
Sr-90	1.239E-02	0.0052	1.657E-05	0.0000	0.000E+00	0.0000	5.548E-01	0.2312	0.000E+00	0.0000	0.000E+00	0.0000	6.982E-04	0.0003
Th-230	4.604E-03	0.0019	1.596E-04	0.0001	0.000E+00	0.0000	1.131E-03	0.0005	0.000E+00	0.0000	0.000E+00	0.0000	1.149E-04	0.0000
U-234	8.704E-06	0.0000	5.958E-05	0.0000	0.000E+00	0.0000	3.051E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	4.608E-05	0.0000
U-235	5.901E-03	0.0025	2.397E-05	0.0000	0.000E+00	0.0000	1.435E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	1.937E-05	0.0000
U-238	2.743E-03	0.0011	5.323E-05	0.0000	0.000E+00	0.0000	2.895E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	4.372E-05	0.0000
Total	1.329E+00	0.5538	2.128E-03	0.0009	0.000E+00	0.0000	9.258E-01	0.3858	0.000E+00	0.0000	0.000E+00	0.0000	1.156E-02	0.0048

Summary : HFBR SU 7A_Residential_AVG Bkgd Subtract
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Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+01 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	6.027E-03	0.0025	0.000E+00	0.0000	0.000E+00	0.0000	6.412E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.040E-02	0.0043
C-14	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Co-60	4.501E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.879E-11	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.658E-04	0.0001
Cs-137	5.914E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.278E-11	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.166E-03	0.0005
Eu-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.475E-02	0.0103
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.035E-03	0.0017
Gd-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.381E-04	0.0003
H-3	3.404E-25	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.867E-27	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.391E-24	0.0000
Ni-63	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.379E-04	0.0001
Pa-231	3.573E-02	0.0149	0.000E+00	0.0000	0.000E+00	0.0000	3.801E-04	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	7.604E-02	0.0317
Pb-210	1.098E-02	0.0046	0.000E+00	0.0000	0.000E+00	0.0000	1.170E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.534E-02	0.0231
Ra-226	5.381E-02	0.0224	0.000E+00	0.0000	0.000E+00	0.0000	5.749E-04	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	1.620E+00	0.6750
Sr-90	2.155E-02	0.0090	0.000E+00	0.0000	0.000E+00	0.0000	2.471E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	5.897E-01	0.2458
Th-230	1.178E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.258E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.129E-03	0.0026
U-234	6.282E-04	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	6.683E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.054E-03	0.0004
U-235	2.749E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	2.924E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.366E-03	0.0027
U-238	5.966E-04	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	6.347E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.732E-03	0.0016
Total	1.297E-01	0.0541	0.000E+00	0.0000	0.000E+00	0.0000	1.400E-03	0.0006	0.000E+00	0.0000	0.000E+00	0.0000	2.400E+00	1.0000

*Sum of all water independent and dependent pathways.

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Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+02 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	4.540E-04	0.0003	3.725E-05	0.0000	0.000E+00	0.0000	1.958E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	2.958E-05	0.0000
C-14	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Co-60	2.269E-07	0.0000	7.714E-14	0.0000	0.000E+00	0.0000	7.243E-10	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.419E-12	0.0000
Cs-137	3.592E-04	0.0002	8.478E-11	0.0000	0.000E+00	0.0000	5.079E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.794E-08	0.0000
Eu-152	1.829E-03	0.0010	1.445E-09	0.0000	0.000E+00	0.0000	1.012E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.529E-08	0.0000
Eu-154	7.822E-05	0.0000	7.323E-11	0.0000	0.000E+00	0.0000	5.841E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.822E-10	0.0000
Gd-152	0.000E+00	0.0000	2.956E-04	0.0002	0.000E+00	0.0000	4.678E-04	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	7.065E-05	0.0000
H-3	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Ni-63	0.000E+00	0.0000	2.168E-08	0.0000	0.000E+00	0.0000	9.500E-05	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	7.174E-07	0.0000
Pa-231	1.407E-02	0.0078	1.266E-03	0.0007	0.000E+00	0.0000	2.299E-02	0.0128	0.000E+00	0.0000	0.000E+00	0.0000	1.490E-03	0.0008
Pb-210	3.106E-05	0.0000	2.877E-06	0.0000	0.000E+00	0.0000	8.622E-03	0.0048	0.000E+00	0.0000	0.000E+00	0.0000	3.255E-04	0.0002
Ra-226	1.161E+00	0.6446	8.147E-05	0.0000	0.000E+00	0.0000	3.093E-01	0.1716	0.000E+00	0.0000	0.000E+00	0.0000	7.928E-03	0.0044
Sr-90	3.139E-03	0.0017	4.199E-06	0.0000	0.000E+00	0.0000	1.406E-01	0.0780	0.000E+00	0.0000	0.000E+00	0.0000	1.769E-04	0.0001
Th-230	8.789E-03	0.0049	1.598E-04	0.0001	0.000E+00	0.0000	2.202E-03	0.0012	0.000E+00	0.0000	0.000E+00	0.0000	1.418E-04	0.0001
U-234	1.095E-05	0.0000	5.502E-05	0.0000	0.000E+00	0.0000	2.821E-04	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	4.255E-05	0.0000
U-235	5.458E-03	0.0030	2.339E-05	0.0000	0.000E+00	0.0000	1.564E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	1.940E-05	0.0000
U-238	2.530E-03	0.0014	4.911E-05	0.0000	0.000E+00	0.0000	2.671E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	4.034E-05	0.0000
Total	1.198E+00	0.6649	1.974E-03	0.0011	0.000E+00	0.0000	4.851E-01	0.2692	0.000E+00	0.0000	0.000E+00	0.0000	1.026E-02	0.0057

Summary : HFBR SU 7A_Residential_AVG Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\SU 7A_RESIDENTIAL_AVG BKGD SUBTRACT.RAD

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+02 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	1.001E-03	0.0006	0.000E+00	0.0000	0.000E+00	0.0000	1.065E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.728E-03	0.0010
C-14	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Co-60	9.073E-12	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.846E-14	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.276E-07	0.0000
Cs-137	3.708E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.959E-11	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.644E-04	0.0002
Eu-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.830E-03	0.0010
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.822E-05	0.0000
Gd-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.340E-04	0.0005
H-3	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Ni-63	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.574E-05	0.0001
Pa-231	3.707E-02	0.0206	0.000E+00	0.0000	0.000E+00	0.0000	3.943E-04	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	7.728E-02	0.0429
Pb-210	2.226E-03	0.0012	0.000E+00	0.0000	0.000E+00	0.0000	2.372E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.123E-02	0.0062
Ra-226	5.775E-02	0.0321	0.000E+00	0.0000	0.000E+00	0.0000	6.167E-04	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	1.537E+00	0.8530
Sr-90	5.448E-03	0.0030	0.000E+00	0.0000	0.000E+00	0.0000	6.245E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.494E-01	0.0829
Th-230	2.976E-04	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	3.178E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.159E-02	0.0064
U-234	5.784E-04	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	6.153E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.752E-04	0.0005
U-235	2.907E-04	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	3.092E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.951E-03	0.0033
U-238	5.494E-04	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	5.844E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.442E-03	0.0019
Total	1.052E-01	0.0584	0.000E+00	0.0000	0.000E+00	0.0000	1.126E-03	0.0006	0.000E+00	0.0000	0.000E+00	0.0000	1.802E+00	1.0000

*Sum of all water independent and dependent pathways.

Summary : HFBR SU 7A_Residential_AVG Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\SU 7A_RESIDENTIAL_AVG BKGD SUBTRACT.RAD

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+02 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	2.684E-10	0.0000	2.202E-11	0.0000	0.000E+00	0.0000	1.158E-10	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.748E-11	0.0000
C-14	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Co-60	2.868E-30	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Cs-137	3.274E-08	0.0000	7.728E-15	0.0000	0.000E+00	0.0000	4.629E-10	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.370E-12	0.0000
Eu-152	1.630E-12	0.0000	1.108E-17	0.0000	0.000E+00	0.0000	1.057E-16	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.596E-17	0.0000
Eu-154	1.560E-18	0.0000	1.460E-24	0.0000	0.000E+00	0.0000	1.165E-22	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.759E-23	0.0000
Gd-152	0.000E+00	0.0000	2.842E-04	0.0003	0.000E+00	0.0000	4.498E-04	0.0005	0.000E+00	0.0000	0.000E+00	0.0000	6.793E-05	0.0001
H-3	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Ni-63	0.000E+00	0.0000	1.169E-09	0.0000	0.000E+00	0.0000	5.121E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.868E-08	0.0000
Pa-231	7.536E-03	0.0083	6.761E-04	0.0007	0.000E+00	0.0000	1.205E-02	0.0132	0.000E+00	0.0000	0.000E+00	0.0000	7.888E-04	0.0009
Pb-210	8.958E-11	0.0000	8.295E-12	0.0000	0.000E+00	0.0000	2.486E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.388E-10	0.0000
Ra-226	6.156E-01	0.6760	4.475E-05	0.0000	0.000E+00	0.0000	1.686E-01	0.1852	0.000E+00	0.0000	0.000E+00	0.0000	4.379E-03	0.0048
Sr-90	5.331E-08	0.0000	7.131E-11	0.0000	0.000E+00	0.0000	2.388E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.005E-09	0.0000
Th-230	3.254E-02	0.0357	1.609E-04	0.0002	0.000E+00	0.0000	8.689E-03	0.0095	0.000E+00	0.0000	0.000E+00	0.0000	3.097E-04	0.0003
U-234	6.719E-05	0.0001	2.924E-05	0.0000	0.000E+00	0.0000	1.640E-04	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	2.293E-05	0.0000
U-235	2.926E-03	0.0032	1.800E-05	0.0000	0.000E+00	0.0000	1.843E-04	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	1.687E-05	0.0000
U-238	1.327E-03	0.0015	2.578E-05	0.0000	0.000E+00	0.0000	1.402E-04	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	2.118E-05	0.0000
Total	6.600E-01	0.7248	1.239E-03	0.0014	0.000E+00	0.0000	1.903E-01	0.2090	0.000E+00	0.0000	0.000E+00	0.0000	5.606E-03	0.0062

Summary : HFBR SU 7A_Residential_AVG Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\SU 7A_RESIDENTIAL_AVG BKGD SUBTRACT.RAD

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+02 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	5.779E-10	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.148E-12	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.008E-09	0.0000
C-14	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Co-60	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.868E-30	0.0000
Cs-137	1.784E-12	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.914E-14	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.321E-08	0.0000
Eu-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.630E-12	0.0000
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.560E-18	0.0000
Gd-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.019E-04	0.0009
H-3	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Ni-63	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.161E-06	0.0000
Pa-231	1.933E-02	0.0212	0.000E+00	0.0000	0.000E+00	0.0000	2.057E-04	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	4.059E-02	0.0446
Pb-210	6.350E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.769E-11	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.232E-08	0.0000
Ra-226	3.136E-02	0.0344	0.000E+00	0.0000	0.000E+00	0.0000	3.349E-04	0.0004	0.000E+00	0.0000	0.000E+00	0.0000	8.203E-01	0.9009
Sr-90	9.039E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.036E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.535E-06	0.0000
Th-230	1.311E-03	0.0014	0.000E+00	0.0000	0.000E+00	0.0000	1.400E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.302E-02	0.0472
U-234	3.001E-04	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	3.192E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.866E-04	0.0006
U-235	3.135E-04	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	3.335E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.462E-03	0.0038
U-238	2.830E-04	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	3.011E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.800E-03	0.0020
Total	5.290E-02	0.0581	0.000E+00	0.0000	0.000E+00	0.0000	5.641E-04	0.0006	0.000E+00	0.0000	0.000E+00	0.0000	9.106E-01	1.0000

*Sum of all water independent and dependent pathways.

Summary : HFBR SU 7A_Residential_AVG Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\SU 7A_RESIDENTIAL_AVG BKGD SUBTRACT.RAD

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+03 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	4.400E-18	0.0000	3.610E-19	0.0000	0.000E+00	0.0000	1.898E-18	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.866E-19	0.0000
C-14	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Co-60	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Cs-137	2.916E-13	0.0000	6.882E-20	0.0000	0.000E+00	0.0000	4.123E-15	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.892E-17	0.0000
Eu-152	7.932E-24	0.0000	9.324E-18	0.0000	0.000E+00	0.0000	1.476E-17	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.229E-18	0.0000
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Gd-152	0.000E+00	0.0000	2.706E-04	0.0006	0.000E+00	0.0000	4.282E-04	0.0009	0.000E+00	0.0000	0.000E+00	0.0000	6.468E-05	0.0001
H-3	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Ni-63	0.000E+00	0.0000	3.035E-11	0.0000	0.000E+00	0.0000	1.330E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.005E-09	0.0000
Pa-231	3.327E-03	0.0073	2.985E-04	0.0007	0.000E+00	0.0000	5.320E-03	0.0117	0.000E+00	0.0000	0.000E+00	0.0000	3.482E-04	0.0008
Pb-210	1.065E-17	0.0000	9.858E-19	0.0000	0.000E+00	0.0000	2.955E-15	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.116E-16	0.0000
Ra-226	2.784E-01	0.6134	2.024E-05	0.0000	0.000E+00	0.0000	7.625E-02	0.1680	0.000E+00	0.0000	0.000E+00	0.0000	1.980E-03	0.0044
Sr-90	5.813E-14	0.0000	7.776E-17	0.0000	0.000E+00	0.0000	2.603E-12	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.276E-15	0.0000
Th-230	4.705E-02	0.1037	1.611E-04	0.0004	0.000E+00	0.0000	1.267E-02	0.0279	0.000E+00	0.0000	0.000E+00	0.0000	4.126E-04	0.0009
U-234	1.587E-04	0.0003	1.353E-05	0.0000	0.000E+00	0.0000	1.077E-04	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	1.137E-05	0.0000
U-235	1.341E-03	0.0030	1.121E-05	0.0000	0.000E+00	0.0000	1.388E-04	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	1.123E-05	0.0000
U-238	5.920E-04	0.0013	1.152E-05	0.0000	0.000E+00	0.0000	6.269E-05	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	9.463E-06	0.0000
Total	3.309E-01	0.7291	7.867E-04	0.0017	0.000E+00	0.0000	9.498E-02	0.2093	0.000E+00	0.0000	0.000E+00	0.0000	2.838E-03	0.0063

Summary : HFBR SU 7A_Residential_AVG Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\SU 7A_RESIDENTIAL_AVG BKGD SUBTRACT.RAD

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+03 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	9.101E-18	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.683E-20	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.614E-17	0.0000
C-14	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Co-60	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Cs-137	3.414E-17	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.665E-19	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.958E-13	0.0000
Eu-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.631E-17	0.0000
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Gd-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.635E-04	0.0017
H-3	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Ni-63	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.341E-07	0.0000
Pa-231	8.242E-03	0.0182	0.000E+00	0.0000	0.000E+00	0.0000	8.769E-05	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	1.762E-02	0.0388
Pb-210	7.392E-16	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.879E-18	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.825E-15	0.0000
Ra-226	1.364E-02	0.0301	0.000E+00	0.0000	0.000E+00	0.0000	1.457E-04	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	3.704E-01	0.8163
Sr-90	9.473E-14	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.086E-15	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.761E-12	0.0000
Th-230	1.736E-03	0.0038	0.000E+00	0.0000	0.000E+00	0.0000	1.854E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.205E-02	0.1367
U-234	1.354E-04	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	1.441E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.281E-04	0.0009
U-235	2.229E-04	0.0005	0.000E+00	0.0000	0.000E+00	0.0000	2.371E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.727E-03	0.0038
U-238	1.224E-04	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	1.302E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.994E-04	0.0018
Total	2.410E-02	0.0531	0.000E+00	0.0000	0.000E+00	0.0000	2.570E-04	0.0006	0.000E+00	0.0000	0.000E+00	0.0000	4.538E-01	1.0000

*Sum of all water independent and dependent pathways.

Summary : HFBR SU 7A_Residential_AVG Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\SU 7A_RESIDENTIAL_AVG BKGD SUBTRACT.RAD

Dose/Source Ratios Summed Over All Pathways
Parent and Progeny Principal Radionuclide Contributions Indicated

Parent (i)	Product (j)	Thread Fraction	DSR(j,t) At Time in Years (mrem/yr)/(pCi/g) 0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
Ac-227+D	Ac-227+D	1.000E+00	2.062E+00	2.718E+00	3.415E+00	2.854E+00	6.794E-01	1.130E-01	6.587E-08	1.055E-15
C-14	C-14	1.000E+00	3.276E-02	5.398E-03	2.827E-06	2.212E-10	1.920E-43	0.000E+00	0.000E+00	0.000E+00
Co-60	Co-60	1.000E+00	8.048E+00	7.054E+00	4.163E+00	2.154E+00	1.105E-02	1.517E-05	1.918E-28	0.000E+00
Cs-137+D	Cs-137+D	1.000E+00	1.801E+00	1.760E+00	1.604E+00	1.428E+00	5.631E-01	1.760E-01	1.604E-05	1.429E-10
Eu-152	Eu-152	7.208E-01	2.612E+00	2.480E+00	2.013E+00	1.552E+00	1.931E-01	1.427E-02	1.271E-11	6.188E-23
Eu-152	Eu-152	2.792E-01	1.012E+00	9.605E-01	7.799E-01	6.010E-01	7.479E-02	5.528E-03	4.925E-12	2.397E-23
Eu-152	Gd-152	2.792E-01	8.026E-18	2.353E-17	7.806E-17	1.320E-16	2.899E-16	3.094E-16	2.991E-16	2.847E-16
Eu-152	∑DSR(j)		1.012E+00	9.605E-01	7.799E-01	6.010E-01	7.479E-02	5.528E-03	4.925E-12	2.847E-16
Eu-154	Eu-154	1.000E+00	3.905E+00	3.609E+00	2.633E+00	1.775E+00	7.571E-02	1.468E-03	2.927E-17	2.193E-34
Gd-152	Gd-152	1.000E+00	9.115E-03	9.114E-03	9.110E-03	9.106E-03	9.070E-03	9.026E-03	8.678E-03	8.263E-03
H-3	H-3	1.000E+00	3.700E-03	1.274E-03	1.600E-05	6.702E-08	5.328E-27	0.000E+00	0.000E+00	0.000E+00
Ni-63	Ni-63	1.000E+00	3.680E-04	3.653E-04	3.548E-04	3.421E-04	2.554E-04	1.773E-04	9.558E-06	2.483E-07
Pa-231	Pa-231	1.000E+00	1.558E+00	1.639E+00	1.962E+00	2.182E+00	2.043E+00	1.881E+00	9.722E-01	4.249E-01
Pa-231	Ac-227+D	1.000E+00	3.388E-02	1.193E-01	6.365E-01	1.149E+00	2.928E+00	3.170E+00	1.681E+00	7.269E-01
Pa-231	∑DSR(j)		1.591E+00	1.758E+00	2.599E+00	3.331E+00	4.970E+00	5.051E+00	2.653E+00	1.152E+00
Pb-210+D	Pb-210+D	1.000E+00	9.539E-01	9.364E-01	8.680E-01	7.869E-01	2.406E-01	4.883E-02	1.405E-07	1.663E-14
Ra-226+D	Ra-226+D	1.000E+00	6.594E+00	6.589E+00	6.567E+00	6.541E+00	6.146E+00	5.677E+00	3.009E+00	1.360E+00
Ra-226+D	Pb-210+D	1.000E+00	1.757E-02	4.795E-02	1.675E-01	3.159E-01	8.958E-01	1.005E+00	5.577E-01	2.502E-01
Ra-226+D	∑DSR(j)		6.612E+00	6.637E+00	6.735E+00	6.857E+00	7.042E+00	6.683E+00	3.566E+00	1.611E+00
Sr-90+D	Sr-90+D	1.000E+00	5.912E-01	5.814E-01	5.323E-01	4.640E-01	1.547E-01	3.919E-02	6.651E-07	7.242E-13
Th-230	Th-230	1.000E+00	1.459E-02	1.459E-02	1.459E-02	1.459E-02	1.459E-02	1.458E-02	1.452E-02	1.444E-02
Th-230	Ra-226+D	1.000E+00	1.420E-03	4.274E-03	1.567E-02	2.985E-02	1.396E-01	2.674E-01	9.916E-01	1.433E+00
Th-230	Pb-210+D	1.000E+00	2.759E-06	1.703E-05	2.029E-04	7.213E-04	1.232E-02	3.312E-02	1.630E-01	2.383E-01
Th-230	∑DSR(j)		1.602E-02	1.888E-02	3.046E-02	4.517E-02	1.666E-01	3.151E-01	1.169E+00	1.686E+00
U-234	U-234	1.000E+00	1.343E-02	1.564E-02	2.446E-02	3.055E-02	2.861E-02	2.636E-02	1.365E-02	5.965E-03
U-234	Th-230	1.000E+00	6.855E-08	2.003E-07	7.237E-07	1.373E-06	6.384E-06	1.220E-05	4.503E-05	6.483E-05
U-234	Ra-226+D	1.000E+00	4.289E-09	2.998E-08	3.889E-07	1.411E-06	3.135E-05	1.178E-04	1.937E-03	4.793E-03
U-234	Pb-210+D	1.000E+00	1.678E-10	5.356E-10	5.197E-09	2.558E-08	2.059E-06	1.183E-05	3.093E-04	8.106E-04
U-234	∑DSR(j)		1.343E-02	1.564E-02	2.446E-02	3.055E-02	2.865E-02	2.650E-02	1.594E-02	1.163E-02

Summary : HFBR SU 7A_Residential_AVG Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\SU 7A_RESIDENTIAL_AVG BKGD SUBTRACT.RAD

Dose/Source Ratios Summed Over All Pathways
Parent and Progeny Principal Radionuclide Contributions Indicated

Parent (i)	Product (j)	Thread Fraction	DSR(j,t) At Time in Years (mrem/yr)/(pCi/g) 0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
U-235+D	U-235+D	1.000E+00	4.299E-01	4.313E-01	4.370E-01	4.394E-01	4.119E-01	3.799E-01	1.991E-01	8.871E-02
U-235+D	Pa-231	1.000E+00	1.597E-05	5.140E-05	2.277E-04	4.840E-04	2.183E-03	4.003E-03	1.035E-02	9.091E-03
U-235+D	Ac-227+D	1.000E+00	2.619E-07	1.981E-06	3.753E-05	1.356E-04	1.995E-03	5.009E-03	1.684E-02	1.509E-02
U-235+D	∑DSR(j)		4.299E-01	4.314E-01	4.372E-01	4.400E-01	4.161E-01	3.889E-01	2.263E-01	1.129E-01
U-238	U-238	5.400E-05	6.450E-07	7.526E-07	1.182E-06	1.478E-06	1.385E-06	1.276E-06	6.614E-07	2.894E-07
U-238+D	U-238+D	9.999E-01	9.323E-02	9.520E-02	1.031E-01	1.082E-01	1.014E-01	9.352E-02	4.889E-02	2.170E-02
U-238+D	U-234	9.999E-01	1.956E-08	6.702E-08	3.818E-07	9.092E-07	4.096E-06	7.510E-06	1.938E-05	1.694E-05
U-238+D	Th-230	9.999E-01	9.064E-14	5.238E-13	5.951E-12	2.114E-11	4.571E-10	1.704E-09	2.777E-08	6.844E-08
U-238+D	Ra-226+D	9.999E-01	5.014E-11	1.583E-10	5.676E-10	1.443E-09	1.390E-08	3.513E-08	9.456E-07	4.004E-06
U-238+D	Pb-210+D	9.999E-01	2.119E-10	6.638E-10	2.369E-09	5.829E-09	4.842E-08	9.428E-08	4.932E-07	1.164E-06
U-238+D	∑DSR(j)		9.323E-02	9.520E-02	1.031E-01	1.082E-01	1.014E-01	9.352E-02	4.891E-02	2.172E-02

The DSR includes contributions from associated (half-life ≤ 180 days) daughters.

Single Radionuclide Soil Guidelines G(i,t) in pCi/g
Basic Radiation Dose Limit = 2.500E+01 mrem/yr

Nuclide (i)	t= 0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
Ac-227	1.212E+01	9.197E+00	7.321E+00	8.759E+00	3.680E+01	2.213E+02	3.795E+08	*7.232E+13
C-14	7.632E+02	4.631E+03	8.845E+06	1.130E+11	*4.455E+12	*4.455E+12	*4.455E+12	*4.455E+12
Co-60	3.106E+00	3.544E+00	6.005E+00	1.161E+01	2.262E+03	1.647E+06	*1.132E+15	*1.132E+15
Cs-137	1.388E+01	1.420E+01	1.559E+01	1.751E+01	4.440E+01	1.420E+02	1.558E+06	1.750E+11
Eu-152	6.898E+00	7.267E+00	8.950E+00	1.161E+01	9.332E+01	1.263E+03	1.417E+12	*1.765E+14
Eu-154	6.401E+00	6.927E+00	9.496E+00	1.409E+01	3.302E+02	1.703E+04	*2.639E+14	*2.639E+14
Gd-152	*2.179E+01	*2.179E+01	*2.179E+01	*2.179E+01	*2.179E+01	*2.179E+01	*2.179E+01	*2.179E+01
H-3	6.756E+03	1.963E+04	1.562E+06	3.730E+08	*9.597E+15	*9.597E+15	*9.597E+15	*9.597E+15
Ni-63	6.794E+04	6.844E+04	7.047E+04	7.309E+04	9.788E+04	1.410E+05	2.616E+06	1.007E+08
Pa-231	1.571E+01	1.422E+01	9.621E+00	7.506E+00	5.030E+00	4.950E+00	9.424E+00	2.170E+01
Pb-210	2.621E+01	2.670E+01	2.880E+01	3.177E+01	1.039E+02	5.120E+02	1.779E+08	*7.634E+13
Ra-226	3.781E+00	3.767E+00	3.712E+00	3.646E+00	3.550E+00	3.741E+00	7.010E+00	1.552E+01
Sr-90	4.229E+01	4.300E+01	4.697E+01	5.388E+01	1.616E+02	6.379E+02	3.759E+07	3.452E+13
Th-230	1.561E+03	1.324E+03	8.207E+02	5.535E+02	1.501E+02	7.935E+01	2.138E+01	1.483E+01
U-234	1.862E+03	1.598E+03	1.022E+03	8.183E+02	8.726E+02	9.434E+02	1.568E+03	2.149E+03
U-235	5.815E+01	5.796E+01	5.718E+01	5.682E+01	6.009E+01	6.428E+01	1.105E+02	2.214E+02
U-238	2.682E+02	2.626E+02	2.426E+02	2.311E+02	2.465E+02	2.673E+02	5.112E+02	1.151E+03

*At specific activity limit

Summary : HFBR SU 7A_Residential_AVG Bkgd Subtract
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Summed Dose/Source Ratios DSR(i,t) in (mrem/yr)/(pCi/g)
and Single Radionuclide Soil Guidelines G(i,t) in pCi/g
at tmin = time of minimum single radionuclide soil guideline
and at tmax = time of maximum total dose = 0.000E+00 years

Nuclide (i)	Initial (pCi/g)	tmin (years)	DSR(i,tmin)	G(i,tmin) (pCi/g)	DSR(i,tmax)	G(i,tmax) (pCi/g)
Ac-227	1.530E-02	2.889 ± 0.006	3.661E+00	6.828E+00	2.062E+00	1.212E+01
C-14	1.036E+00	0.000E+00	3.276E-02	7.632E+02	3.276E-02	7.632E+02
Co-60	1.500E-02	0.000E+00	8.048E+00	3.106E+00	8.048E+00	3.106E+00
Cs-137	2.070E-03	0.000E+00	1.801E+00	1.388E+01	1.801E+00	1.388E+01
Eu-152	9.240E-02	0.000E+00	3.624E+00	6.898E+00	3.624E+00	6.898E+00
Eu-154	5.330E-02	0.000E+00	3.905E+00	6.401E+00	3.905E+00	6.401E+00
Gd-152	9.240E-02	0.000E+00	9.115E-03	*2.179E+01	9.115E-03	*2.179E+01
H-3	2.611E+02	0.000E+00	3.700E-03	6.756E+03	3.700E-03	6.756E+03
Ni-63	5.400E-01	0.000E+00	3.680E-04	6.794E+04	3.680E-04	6.794E+04
Pa-231	1.530E-02	76.0 ± 0.2	5.117E+00	4.886E+00	1.591E+00	1.571E+01
Pb-210	2.300E-01	0.000E+00	9.539E-01	2.621E+01	9.539E-01	2.621E+01
Ra-226	2.300E-01	37.24 ± 0.07	7.067E+00	3.537E+00	6.612E+00	3.781E+00
Sr-90	3.812E+00	0.000E+00	5.912E-01	4.229E+01	5.912E-01	4.229E+01
Th-230	3.680E-02	1.000E+03	1.686E+00	1.483E+01	1.602E-02	1.561E+03
U-234	3.680E-02	8.32 ± 0.02	3.064E-02	8.161E+02	1.343E-02	1.862E+03
U-235	1.530E-02	8.07 ± 0.02	4.412E-01	5.666E+01	4.299E-01	5.815E+01
U-238	3.680E-02	8.26 ± 0.02	1.085E-01	2.304E+02	9.323E-02	2.682E+02

*At specific activity limit

Summary : HFBR SU 7A_Residential_AVG Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\SU 7A_RESIDENTIAL_AVG BKGD SUBTRACT.RAD

Individual Nuclide Dose Summed Over All Pathways
Parent Nuclide and Branch Fraction Indicated

Nuclide (j)	Parent (i)	THF(i)	DOSE(j,t), mrem/yr t= 0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
Ac-227	Ac-227	1.000E+00	3.155E-02	4.159E-02	5.225E-02	4.367E-02	1.040E-02	1.728E-03	1.008E-09	1.614E-17
Ac-227	Pa-231	1.000E+00	5.183E-04	1.825E-03	9.739E-03	1.758E-02	4.479E-02	4.850E-02	2.571E-02	1.112E-02
Ac-227	U-235	1.000E+00	4.006E-09	3.032E-08	5.742E-07	2.075E-06	3.052E-05	7.664E-05	2.577E-04	2.309E-04
Ac-227	∑DOSE(j)		3.207E-02	4.342E-02	6.199E-02	6.125E-02	5.522E-02	5.031E-02	2.597E-02	1.135E-02
C-14	C-14	1.000E+00	3.394E-02	5.593E-03	2.928E-06	2.292E-10	0.000E+00	0.000E+00	0.000E+00	0.000E+00
Co-60	Co-60	1.000E+00	1.207E-01	1.058E-01	6.245E-02	3.231E-02	1.658E-04	2.276E-07	2.868E-30	0.000E+00
Cs-137	Cs-137	1.000E+00	3.729E-03	3.643E-03	3.320E-03	2.955E-03	1.166E-03	3.644E-04	3.321E-08	2.958E-13
Eu-152	Eu-152	7.208E-01	2.414E-01	2.291E-01	1.860E-01	1.434E-01	1.784E-02	1.319E-03	1.175E-12	5.718E-24
Eu-152	Eu-152	2.792E-01	9.350E-02	8.875E-02	7.206E-02	5.553E-02	6.911E-03	5.108E-04	4.551E-13	2.215E-24
Eu-152	∑DOSE(j)		3.349E-01	3.179E-01	2.581E-01	1.989E-01	2.475E-02	1.830E-03	1.630E-12	7.932E-24
Gd-152	Eu-152	2.792E-01	7.416E-19	2.174E-18	7.213E-18	1.220E-17	2.679E-17	2.858E-17	2.763E-17	2.631E-17
Gd-152	Gd-152	1.000E+00	8.422E-04	8.421E-04	8.418E-04	8.414E-04	8.381E-04	8.340E-04	8.019E-04	7.635E-04
Gd-152	∑DOSE(j)		8.422E-04	8.421E-04	8.418E-04	8.414E-04	8.381E-04	8.340E-04	8.019E-04	7.635E-04
Eu-154	Eu-154	1.000E+00	2.082E-01	1.924E-01	1.403E-01	9.460E-02	4.035E-03	7.822E-05	1.560E-18	0.000E+00
H-3	H-3	1.000E+00	9.661E-01	3.326E-01	4.178E-03	1.750E-05	1.391E-24	0.000E+00	0.000E+00	0.000E+00
Ni-63	Ni-63	1.000E+00	1.987E-04	1.973E-04	1.916E-04	1.847E-04	1.379E-04	9.574E-05	5.161E-06	1.341E-07
Pa-231	Pa-231	1.000E+00	2.383E-02	2.507E-02	3.002E-02	3.338E-02	3.125E-02	2.878E-02	1.487E-02	6.501E-03
Pa-231	U-235	1.000E+00	2.444E-07	7.864E-07	3.484E-06	7.405E-06	3.340E-05	6.125E-05	1.584E-04	1.391E-04
Pa-231	∑DOSE(j)		2.383E-02	2.507E-02	3.002E-02	3.339E-02	3.128E-02	2.884E-02	1.503E-02	6.640E-03
Pb-210	Pb-210	1.000E+00	2.194E-01	2.154E-01	1.996E-01	1.810E-01	5.534E-02	1.123E-02	3.232E-08	3.825E-15
Pb-210	Ra-226	1.000E+00	4.042E-03	1.103E-02	3.853E-02	7.265E-02	2.060E-01	2.312E-01	1.283E-01	5.754E-02
Pb-210	Th-230	1.000E+00	1.015E-07	6.268E-07	7.465E-06	2.654E-05	4.535E-04	1.219E-03	5.998E-03	8.768E-03
Pb-210	U-234	1.000E+00	6.176E-12	1.971E-11	1.912E-10	9.412E-10	7.577E-08	4.352E-07	1.138E-05	2.983E-05
Pb-210	U-238	9.999E-01	7.799E-12	2.443E-11	8.717E-11	2.145E-10	1.782E-09	3.470E-09	1.815E-08	4.282E-08
Pb-210	∑DOSE(j)		2.234E-01	2.264E-01	2.382E-01	2.537E-01	2.618E-01	2.436E-01	1.343E-01	6.634E-02
Ra-226	Ra-226	1.000E+00	1.517E+00	1.515E+00	1.511E+00	1.504E+00	1.414E+00	1.306E+00	6.920E-01	3.129E-01
Ra-226	Th-230	1.000E+00	5.225E-05	1.573E-04	5.766E-04	1.099E-03	5.139E-03	9.839E-03	3.649E-02	5.275E-02
Ra-226	U-234	1.000E+00	1.578E-10	1.103E-09	1.431E-08	5.191E-08	1.154E-06	4.335E-06	7.129E-05	1.764E-04
Ra-226	U-238	9.999E-01	1.845E-12	5.826E-12	2.089E-11	5.311E-11	5.113E-10	1.293E-09	3.480E-08	1.473E-07
Ra-226	∑DOSE(j)		1.517E+00	1.516E+00	1.511E+00	1.506E+00	1.419E+00	1.316E+00	7.286E-01	3.658E-01
Sr-90	Sr-90	1.000E+00	2.254E+00	2.216E+00	2.029E+00	1.769E+00	5.897E-01	1.494E-01	2.535E-06	2.761E-12
Th-230	Th-230	1.000E+00	5.370E-04	5.370E-04	5.370E-04	5.370E-04	5.367E-04	5.365E-04	5.342E-04	5.315E-04
Th-230	U-234	1.000E+00	2.523E-09	7.372E-09	2.663E-08	5.054E-08	2.349E-07	4.491E-07	1.657E-06	2.386E-06
Th-230	U-238	9.999E-01	3.336E-15	1.927E-14	2.190E-13	7.781E-13	1.682E-11	6.272E-11	1.022E-09	2.519E-09
Th-230	∑DOSE(j)		5.370E-04	5.370E-04	5.370E-04	5.370E-04	5.370E-04	5.369E-04	5.359E-04	5.339E-04

Summary : HFBR SU 7A_Residential_AVG Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\SU 7A_RESIDENTIAL_AVG BKGD SUBTRACT.RAD

Individual Nuclide Dose Summed Over All Pathways
Parent Nuclide and Branch Fraction Indicated

Nuclide (j)	Parent (i)	THF(i)	DOSE(j,t), mrem/yr							
		t=	0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
U-234	U-234	1.000E+00	4.941E-04	5.755E-04	9.000E-04	1.124E-03	1.053E-03	9.699E-04	5.023E-04	2.195E-04
U-234	U-238	9.999E-01	7.196E-10	2.466E-09	1.405E-08	3.346E-08	1.507E-07	2.764E-07	7.132E-07	6.234E-07
U-234	∑DOSE(j)		4.941E-04	5.755E-04	9.000E-04	1.124E-03	1.053E-03	9.702E-04	5.030E-04	2.201E-04
U-235	U-235	1.000E+00	6.577E-03	6.599E-03	6.685E-03	6.723E-03	6.302E-03	5.813E-03	3.046E-03	1.357E-03
U-238	U-238	5.400E-05	2.373E-08	2.770E-08	4.349E-08	5.440E-08	5.095E-08	4.695E-08	2.434E-08	1.065E-08
U-238	U-238	9.999E-01	3.431E-03	3.503E-03	3.792E-03	3.982E-03	3.732E-03	3.441E-03	1.799E-03	7.986E-04
U-238	∑DOSE(j)		3.431E-03	3.503E-03	3.792E-03	3.982E-03	3.732E-03	3.441E-03	1.799E-03	7.986E-04

THF(i) is the thread fraction of the parent nuclide.

Summary : HFBR SU 7A_Residential_AVG Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\SU 7A_RESIDENTIAL_AVG BKGD SUBTRACT.RAD

Individual Nuclide Soil Concentration
Parent Nuclide and Branch Fraction Indicated

Nuclide (j)	Parent (i)	THF(i)	S(j,t), pCi/g t= 0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
Ac-227	Ac-227	1.000E+00	1.530E-02	1.476E-02	1.279E-02	1.069E-02	2.548E-03	4.242E-04	2.508E-10	4.111E-18
Ac-227	Pa-231	1.000E+00	0.000E+00	4.781E-04	2.220E-03	4.058E-03	1.075E-02	1.169E-02	6.285E-03	2.775E-03
Ac-227	U-235	1.000E+00	0.000E+00	5.086E-09	1.208E-07	4.538E-07	7.235E-06	1.836E-05	6.291E-05	5.758E-05
Ac-227	∑S(j):		1.530E-02	1.524E-02	1.501E-02	1.475E-02	1.330E-02	1.214E-02	6.347E-03	2.832E-03
C-14	C-14	1.000E+00	1.036E+00	1.569E-01	8.216E-05	6.429E-09	5.572E-42	0.000E+00	0.000E+00	0.000E+00
Co-60	Co-60	1.000E+00	1.500E-02	1.315E-02	7.760E-03	4.015E-03	2.060E-05	2.828E-08	3.575E-31	0.000E+00
Cs-137	Cs-137	1.000E+00	2.070E-03	2.022E-03	1.843E-03	1.640E-03	6.471E-04	2.023E-04	1.844E-08	1.642E-13
Eu-152	Eu-152	7.208E-01	6.660E-02	6.322E-02	5.133E-02	3.956E-02	4.923E-03	3.639E-04	3.241E-13	1.578E-24
Eu-152	Eu-152	2.792E-01	2.580E-02	2.449E-02	1.988E-02	1.532E-02	1.907E-03	1.409E-04	1.256E-13	6.111E-25
Eu-152	∑S(j):		9.240E-02	8.771E-02	7.121E-02	5.488E-02	6.830E-03	5.048E-04	4.497E-13	2.189E-24
Gd-152	Eu-152	2.792E-01	0.000E+00	1.613E-16	7.286E-16	1.290E-15	2.933E-15	3.136E-15	3.032E-15	2.887E-15
Gd-152	Gd-152	1.000E+00	9.240E-02	9.239E-02	9.235E-02	9.231E-02	9.195E-02	9.150E-02	8.798E-02	8.377E-02
Gd-152	∑S(j):		9.240E-02	9.239E-02	9.235E-02	9.231E-02	9.195E-02	9.150E-02	8.798E-02	8.377E-02
Eu-154	Eu-154	1.000E+00	5.330E-02	4.926E-02	3.593E-02	2.422E-02	1.033E-03	2.003E-05	3.994E-19	2.993E-36
H-3	H-3	1.000E+00	2.611E+02	8.746E+01	1.099E+00	4.604E-03	3.669E-22	0.000E+00	0.000E+00	0.000E+00
Ni-63	Ni-63	1.000E+00	5.400E-01	5.361E-01	5.206E-01	5.020E-01	3.748E-01	2.602E-01	1.403E-02	3.644E-04
Pa-231	Pa-231	1.000E+00	1.530E-02	1.528E-02	1.518E-02	1.505E-02	1.410E-02	1.299E-02	6.755E-03	2.982E-03
Pa-231	U-235	1.000E+00	0.000E+00	3.232E-07	1.606E-06	3.185E-06	1.492E-05	2.752E-05	7.184E-05	6.377E-05
Pa-231	∑S(j):		1.530E-02	1.528E-02	1.518E-02	1.506E-02	1.411E-02	1.302E-02	6.827E-03	3.046E-03
Pb-210	Pb-210	1.000E+00	2.300E-01	2.228E-01	1.961E-01	1.672E-01	4.669E-02	9.478E-03	2.733E-08	3.248E-15
Pb-210	Ra-226	1.000E+00	0.000E+00	7.031E-03	3.291E-02	6.070E-02	1.700E-01	1.916E-01	1.067E-01	4.825E-02
Pb-210	Th-230	1.000E+00	0.000E+00	2.450E-07	5.862E-06	2.222E-05	3.773E-04	1.020E-03	5.117E-03	7.636E-03
Pb-210	U-234	1.000E+00	0.000E+00	7.370E-13	8.898E-11	6.822E-10	6.242E-08	3.590E-07	9.456E-06	2.492E-05
Pb-210	U-238	9.999E-01	0.000E+00	5.230E-19	3.175E-16	4.902E-15	2.348E-12	2.811E-11	3.933E-09	1.959E-08
Pb-210	∑S(j):		2.300E-01	2.298E-01	2.290E-01	2.279E-01	2.171E-01	2.021E-01	1.118E-01	5.591E-02
Ra-226	Ra-226	1.000E+00	2.300E-01	2.296E-01	2.282E-01	2.264E-01	2.125E-01	1.962E-01	1.040E-01	4.704E-02
Ra-226	Th-230	1.000E+00	0.000E+00	1.593E-05	7.939E-05	1.582E-04	7.661E-04	1.473E-03	5.486E-03	7.939E-03
Ra-226	U-234	1.000E+00	0.000E+00	7.168E-11	1.784E-09	7.099E-09	1.701E-07	6.451E-07	1.069E-05	2.648E-05
Ra-226	U-238	9.999E-01	0.000E+00	6.772E-17	8.425E-15	6.699E-14	7.980E-12	6.012E-11	4.693E-09	2.136E-08
Ra-226	∑S(j):		2.300E-01	2.297E-01	2.283E-01	2.265E-01	2.132E-01	1.977E-01	1.095E-01	5.501E-02
Sr-90	Sr-90	1.000E+00	3.812E+00	3.709E+00	3.323E+00	2.897E+00	9.659E-01	2.447E-01	4.157E-06	4.532E-12
Th-230	Th-230	1.000E+00	3.680E-02	3.680E-02	3.680E-02	3.680E-02	3.678E-02	3.676E-02	3.661E-02	3.642E-02
Th-230	U-234	1.000E+00	0.000E+00	3.310E-07	1.650E-06	3.286E-06	1.591E-05	3.057E-05	1.133E-04	1.631E-04
Th-230	U-238	9.999E-01	0.000E+00	4.690E-13	1.168E-11	4.645E-11	1.112E-09	4.218E-09	6.967E-08	1.720E-07
Th-230	∑S(j):		3.680E-02	3.680E-02	3.680E-02	3.680E-02	3.680E-02	3.679E-02	3.672E-02	3.658E-02

Summary : HFBR SU 7A_Residential_AVG Bkgd Subtract
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Individual Nuclide Soil Concentration
Parent Nuclide and Branch Fraction Indicated

Nuclide (j)	Parent (i)	THF(i)	S(j,t), pCi/g t= 0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
U-234	U-234	1.000E+00	3.680E-02	3.674E-02	3.650E-02	3.621E-02	3.394E-02	3.131E-02	1.640E-02	7.306E-03
U-234	U-238	9.999E-01	0.000E+00	1.042E-07	5.174E-07	1.026E-06	4.811E-06	8.876E-06	2.326E-05	2.074E-05
U-234	∑S(j):		3.680E-02	3.674E-02	3.650E-02	3.621E-02	3.395E-02	3.131E-02	1.642E-02	7.326E-03
U-235	U-235	1.000E+00	1.530E-02	1.528E-02	1.518E-02	1.506E-02	1.411E-02	1.302E-02	6.827E-03	3.046E-03
U-238	U-238	5.400E-05	1.987E-06	1.984E-06	1.971E-06	1.955E-06	1.833E-06	1.691E-06	8.867E-07	3.956E-07
U-238	U-238	9.999E-01	3.680E-02	3.674E-02	3.650E-02	3.621E-02	3.395E-02	3.131E-02	1.642E-02	7.326E-03
U-238	∑S(j):		3.680E-02	3.674E-02	3.650E-02	3.621E-02	3.395E-02	3.131E-02	1.642E-02	7.326E-03

THF(i) is the thread fraction of the parent nuclide.

RESCALC.EXE execution time = 21.38 seconds

Summary : HFBR SU 7B_Industrial_Bkgd Subtract
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Summary : HFBR SU 7B_Industrial_Bkgd Subtract
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Dose Conversion Factor (and Related) Parameter Summary
Dose Library: FGR 11

Menu	Parameter	Current Value#	Base Case*	Parameter Name
A-1	DCF's for external ground radiation, (mrem/yr)/(pCi/g)			
A-1	Ac-225 (Source: FGR 12)	6.371E-02	6.371E-02	DCF1(1)
A-1	Am-241 (Source: FGR 12)	4.372E-02	4.372E-02	DCF1(2)
A-1	At-217 (Source: FGR 12)	1.773E-03	1.773E-03	DCF1(3)
A-1	Ba-137m (Source: FGR 12)	3.606E+00	3.606E+00	DCF1(4)
A-1	Bi-213 (Source: FGR 12)	7.660E-01	7.660E-01	DCF1(5)
A-1	Cs-137 (Source: FGR 12)	7.510E-04	7.510E-04	DCF1(6)
A-1	Eu-152 (Source: FGR 12)	7.006E+00	7.006E+00	DCF1(7)
A-1	Eu-154 (Source: FGR 12)	7.678E+00	7.678E+00	DCF1(8)
A-1	Eu-155 (Source: FGR 12)	1.822E-01	1.822E-01	DCF1(9)
A-1	Fr-221 (Source: FGR 12)	1.536E-01	1.536E-01	DCF1(10)
A-1	Gd-152 (Source: FGR 12)	0.000E+00	0.000E+00	DCF1(11)
A-1	H-3 (Source: FGR 12)	0.000E+00	0.000E+00	DCF1(12)
A-1	Na-22 (Source: FGR 12)	1.368E+01	1.368E+01	DCF1(13)
A-1	Ni-63 (Source: FGR 12)	0.000E+00	0.000E+00	DCF1(14)
A-1	Np-237 (Source: FGR 12)	7.790E-02	7.790E-02	DCF1(15)
A-1	Pa-233 (Source: FGR 12)	1.020E+00	1.020E+00	DCF1(16)
A-1	Pb-209 (Source: FGR 12)	7.734E-04	7.734E-04	DCF1(17)
A-1	Po-213 (Source: FGR 12)	0.000E+00	0.000E+00	DCF1(18)
A-1	Ra-225 (Source: FGR 12)	1.102E-02	1.102E-02	DCF1(19)
A-1	Sr-90 (Source: FGR 12)	7.043E-04	7.043E-04	DCF1(20)
A-1	Th-229 (Source: FGR 12)	3.213E-01	3.213E-01	DCF1(21)
A-1	Tl-209 (Source: FGR 12)	1.293E+01	1.293E+01	DCF1(22)
A-1	U-233 (Source: FGR 12)	1.397E-03	1.397E-03	DCF1(23)
A-1	Y-90 (Source: FGR 12)	2.391E-02	2.391E-02	DCF1(24)
B-1	Dose conversion factors for inhalation, mrem/pCi:			
B-1	Am-241	4.440E-01	4.440E-01	DCF2(1)
B-1	Cs-137+D	3.190E-05	3.190E-05	DCF2(2)
B-1	Eu-152	2.210E-04	2.210E-04	DCF2(3)
B-1	Eu-154	2.860E-04	2.860E-04	DCF2(5)
B-1	Eu-155	4.140E-05	4.140E-05	DCF2(6)
B-1	Gd-152	2.430E-01	2.430E-01	DCF2(7)
B-1	H-3	6.400E-08	6.400E-08	DCF2(8)
B-1	Na-22	7.660E-06	7.660E-06	DCF2(9)
B-1	Ni-63	6.290E-06	6.290E-06	DCF2(10)
B-1	Np-237+D	5.400E-01	5.400E-01	DCF2(11)
B-1	Sr-90+D	1.308E-03	1.300E-03	DCF2(12)
B-1	Th-229+D	2.169E+00	2.150E+00	DCF2(13)
B-1	U-233	1.350E-01	1.350E-01	DCF2(14)
D-1	Dose conversion factors for ingestion, mrem/pCi:			
D-1	Am-241	3.640E-03	3.640E-03	DCF3(1)
D-1	Cs-137+D	5.000E-05	5.000E-05	DCF3(2)
D-1	Eu-152	6.480E-06	6.480E-06	DCF3(3)
D-1	Eu-154	9.550E-06	9.550E-06	DCF3(5)
D-1	Eu-155	1.530E-06	1.530E-06	DCF3(6)
D-1	Gd-152	1.610E-04	1.610E-04	DCF3(7)
D-1	H-3	6.400E-08	6.400E-08	DCF3(8)
D-1	Na-22	1.150E-05	1.150E-05	DCF3(9)

Dose Conversion Factor (and Related) Parameter Summary (continued)
Dose Library: FGR 11

Menu	Parameter	Current Value#	Base Case*	Parameter Name
D-1	Ni-63	5.770E-07	5.770E-07	DCF3(10)
D-1	Np-237+D	4.444E-03	4.440E-03	DCF3(11)
D-1	Sr-90+D	1.528E-04	1.420E-04	DCF3(12)
D-1	Th-229+D	4.027E-03	3.530E-03	DCF3(13)
D-1	U-233	2.890E-04	2.890E-04	DCF3(14)
D-34	Food transfer factors:			
D-34	Am-241 , plant/soil concentration ratio, dimensionless	1.000E-03	1.000E-03	RTF(1,1)
D-34	Am-241 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	5.000E-05	5.000E-05	RTF(1,2)
D-34	Am-241 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	2.000E-06	2.000E-06	RTF(1,3)
D-34				
D-34	Cs-137+D , plant/soil concentration ratio, dimensionless	4.000E-02	4.000E-02	RTF(2,1)
D-34	Cs-137+D , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	3.000E-02	3.000E-02	RTF(2,2)
D-34	Cs-137+D , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	8.000E-03	8.000E-03	RTF(2,3)
D-34				
D-34	Eu-152 , plant/soil concentration ratio, dimensionless	2.500E-03	2.500E-03	RTF(3,1)
D-34	Eu-152 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	2.000E-03	2.000E-03	RTF(3,2)
D-34	Eu-152 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	5.000E-05	5.000E-05	RTF(3,3)
D-34				
D-34	Eu-154 , plant/soil concentration ratio, dimensionless	2.500E-03	2.500E-03	RTF(5,1)
D-34	Eu-154 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	2.000E-03	2.000E-03	RTF(5,2)
D-34	Eu-154 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	5.000E-05	5.000E-05	RTF(5,3)
D-34				
D-34	Eu-155 , plant/soil concentration ratio, dimensionless	2.500E-03	2.500E-03	RTF(6,1)
D-34	Eu-155 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	2.000E-03	2.000E-03	RTF(6,2)
D-34	Eu-155 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	5.000E-05	5.000E-05	RTF(6,3)
D-34				
D-34	Gd-152 , plant/soil concentration ratio, dimensionless	2.500E-03	2.500E-03	RTF(7,1)
D-34	Gd-152 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	2.000E-03	2.000E-03	RTF(7,2)
D-34	Gd-152 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	2.000E-05	2.000E-05	RTF(7,3)
D-34				
D-34	H-3 , plant/soil concentration ratio, dimensionless	4.800E+00	4.800E+00	RTF(8,1)
D-34	H-3 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	1.200E-02	1.200E-02	RTF(8,2)
D-34	H-3 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	1.000E-02	1.000E-02	RTF(8,3)
D-34				
D-34	Na-22 , plant/soil concentration ratio, dimensionless	5.000E-02	5.000E-02	RTF(9,1)
D-34	Na-22 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	8.000E-02	8.000E-02	RTF(9,2)
D-34	Na-22 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	4.000E-02	4.000E-02	RTF(9,3)
D-34				
D-34	Ni-63 , plant/soil concentration ratio, dimensionless	5.000E-02	5.000E-02	RTF(10,1)
D-34	Ni-63 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	5.000E-03	5.000E-03	RTF(10,2)
D-34	Ni-63 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	2.000E-02	2.000E-02	RTF(10,3)
D-34				
D-34	Np-237+D , plant/soil concentration ratio, dimensionless	2.000E-02	2.000E-02	RTF(11,1)
D-34	Np-237+D , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	1.000E-03	1.000E-03	RTF(11,2)
D-34	Np-237+D , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	5.000E-06	5.000E-06	RTF(11,3)
D-34				
D-34	Sr-90+D , plant/soil concentration ratio, dimensionless	3.000E-01	3.000E-01	RTF(12,1)
D-34	Sr-90+D , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	8.000E-03	8.000E-03	RTF(12,2)
D-34	Sr-90+D , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	2.000E-03	2.000E-03	RTF(12,3)

Dose Conversion Factor (and Related) Parameter Summary (continued)
Dose Library: FGR 11

Menu	Parameter	Current Value#	Base Case*	Parameter Name
D-34	Th-229+D , plant/soil concentration ratio, dimensionless	1.000E-03	1.000E-03	RTF(13,1)
D-34	Th-229+D , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	1.000E-04	1.000E-04	RTF(13,2)
D-34	Th-229+D , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	5.000E-06	5.000E-06	RTF(13,3)
D-34				
D-34	U-233 , plant/soil concentration ratio, dimensionless	2.500E-03	2.500E-03	RTF(14,1)
D-34	U-233 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	3.400E-04	3.400E-04	RTF(14,2)
D-34	U-233 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	6.000E-04	6.000E-04	RTF(14,3)
D-5	Bioaccumulation factors, fresh water, L/kg:			
D-5	Am-241 , fish	3.000E+01	3.000E+01	BIOFAC(1,1)
D-5	Am-241 , crustacea and mollusks	1.000E+03	1.000E+03	BIOFAC(1,2)
D-5				
D-5	Cs-137+D , fish	2.000E+03	2.000E+03	BIOFAC(2,1)
D-5	Cs-137+D , crustacea and mollusks	1.000E+02	1.000E+02	BIOFAC(2,2)
D-5				
D-5	Eu-152 , fish	5.000E+01	5.000E+01	BIOFAC(3,1)
D-5	Eu-152 , crustacea and mollusks	1.000E+03	1.000E+03	BIOFAC(3,2)
D-5				
D-5	Eu-154 , fish	5.000E+01	5.000E+01	BIOFAC(5,1)
D-5	Eu-154 , crustacea and mollusks	1.000E+03	1.000E+03	BIOFAC(5,2)
D-5				
D-5	Eu-155 , fish	5.000E+01	5.000E+01	BIOFAC(6,1)
D-5	Eu-155 , crustacea and mollusks	1.000E+03	1.000E+03	BIOFAC(6,2)
D-5				
D-5	Gd-152 , fish	2.500E+01	2.500E+01	BIOFAC(7,1)
D-5	Gd-152 , crustacea and mollusks	1.000E+03	1.000E+03	BIOFAC(7,2)
D-5				
D-5	H-3 , fish	1.000E+00	1.000E+00	BIOFAC(8,1)
D-5	H-3 , crustacea and mollusks	1.000E+00	1.000E+00	BIOFAC(8,2)
D-5				
D-5	Na-22 , fish	2.000E+01	2.000E+01	BIOFAC(9,1)
D-5	Na-22 , crustacea and mollusks	2.000E+02	2.000E+02	BIOFAC(9,2)
D-5				
D-5	Ni-63 , fish	1.000E+02	1.000E+02	BIOFAC(10,1)
D-5	Ni-63 , crustacea and mollusks	1.000E+02	1.000E+02	BIOFAC(10,2)
D-5				
D-5	Np-237+D , fish	3.000E+01	3.000E+01	BIOFAC(11,1)
D-5	Np-237+D , crustacea and mollusks	4.000E+02	4.000E+02	BIOFAC(11,2)
D-5				
D-5	Sr-90+D , fish	6.000E+01	6.000E+01	BIOFAC(12,1)
D-5	Sr-90+D , crustacea and mollusks	1.000E+02	1.000E+02	BIOFAC(12,2)
D-5				
D-5	Th-229+D , fish	1.000E+02	1.000E+02	BIOFAC(13,1)
D-5	Th-229+D , crustacea and mollusks	5.000E+02	5.000E+02	BIOFAC(13,2)
D-5				
D-5	U-233 , fish	1.000E+01	1.000E+01	BIOFAC(14,1)
D-5	U-233 , crustacea and mollusks	6.000E+01	6.000E+01	BIOFAC(14,2)

#For DCF1(xxx) only, factors are for infinite depth & area. See ETFG table in Ground Pathway of Detailed Report.
*Base Case means Default.Lib w/o Associate Nuclide contributions.

Summary : HFBR SU 7B_Industrial_Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7B\SU 7B_INDUSTRIAL_BKGD SUBTRACT.RAD

Site-Specific Parameter Summary

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R011	Area of contaminated zone (m**2)	3.270E+02	1.000E+04	---	AREA
R011	Thickness of contaminated zone (m)	5.000E+00	2.000E+00	---	THICK0
R011	Fraction of contamination that is submerged	0.000E+00	0.000E+00	---	SUBMFRACT
R011	Length parallel to aquifer flow (m)	1.800E+01	1.000E+02	---	LCZPAQ
R011	Basic radiation dose limit (mrem/yr)	2.500E+01	3.000E+01	---	BRDL
R011	Time since placement of material (yr)	0.000E+00	0.000E+00	---	TI
R011	Times for calculations (yr)	1.000E+00	1.000E+00	---	T(2)
R011	Times for calculations (yr)	5.000E+00	3.000E+00	---	T(3)
R011	Times for calculations (yr)	1.000E+01	1.000E+01	---	T(4)
R011	Times for calculations (yr)	5.000E+01	3.000E+01	---	T(5)
R011	Times for calculations (yr)	1.000E+02	1.000E+02	---	T(6)
R011	Times for calculations (yr)	5.000E+02	3.000E+02	---	T(7)
R011	Times for calculations (yr)	1.000E+03	1.000E+03	---	T(8)
R011	Times for calculations (yr)	not used	0.000E+00	---	T(9)
R011	Times for calculations (yr)	not used	0.000E+00	---	T(10)
R012	Initial principal radionuclide (pCi/g): Am-241	3.290E-02	0.000E+00	---	S1(1)
R012	Initial principal radionuclide (pCi/g): Cs-137	8.670E-02	0.000E+00	---	S1(2)
R012	Initial principal radionuclide (pCi/g): Eu-152	7.490E-02	0.000E+00	---	S1(3)
R012	Initial principal radionuclide (pCi/g): Eu-154	3.840E-02	0.000E+00	---	S1(5)
R012	Initial principal radionuclide (pCi/g): Eu-155	1.060E-02	0.000E+00	---	S1(6)
R012	Initial principal radionuclide (pCi/g): Gd-152	7.490E-02	0.000E+00	---	S1(7)
R012	Initial principal radionuclide (pCi/g): H-3	2.298E+00	0.000E+00	---	S1(8)
R012	Initial principal radionuclide (pCi/g): Na-22	1.930E-02	0.000E+00	---	S1(9)
R012	Initial principal radionuclide (pCi/g): Ni-63	3.480E+00	0.000E+00	---	S1(10)
R012	Initial principal radionuclide (pCi/g): Sr-90	1.830E-01	0.000E+00	---	S1(12)
R012	Concentration in groundwater (pCi/L): Am-241	not used	0.000E+00	---	W1(1)
R012	Concentration in groundwater (pCi/L): Cs-137	not used	0.000E+00	---	W1(2)
R012	Concentration in groundwater (pCi/L): Eu-152	not used	0.000E+00	---	W1(3)
R012	Concentration in groundwater (pCi/L): Eu-154	not used	0.000E+00	---	W1(5)
R012	Concentration in groundwater (pCi/L): Eu-155	not used	0.000E+00	---	W1(6)
R012	Concentration in groundwater (pCi/L): Gd-152	not used	0.000E+00	---	W1(7)
R012	Concentration in groundwater (pCi/L): H-3	not used	0.000E+00	---	W1(8)
R012	Concentration in groundwater (pCi/L): Na-22	not used	0.000E+00	---	W1(9)
R012	Concentration in groundwater (pCi/L): Ni-63	not used	0.000E+00	---	W1(10)
R012	Concentration in groundwater (pCi/L): Sr-90	not used	0.000E+00	---	W1(12)
R013	Cover depth (m)	0.000E+00	0.000E+00	---	COVER0
R013	Density of cover material (g/cm**3)	not used	1.500E+00	---	DENSCV
R013	Cover depth erosion rate (m/yr)	not used	1.000E-03	---	VCV
R013	Density of contaminated zone (g/cm**3)	1.660E+00	1.500E+00	---	DENSCZ
R013	Contaminated zone erosion rate (m/yr)	1.000E-03	1.000E-03	---	VCZ
R013	Contaminated zone total porosity	3.300E-01	4.000E-01	---	TPCZ
R013	Contaminated zone field capacity	2.400E-01	2.000E-01	---	FCCZ
R013	Contaminated zone hydraulic conductivity (m/yr)	5.000E+03	1.000E+01	---	HCCZ
R013	Contaminated zone b parameter	4.900E+00	5.300E+00	---	BCZ
R013	Average annual wind speed (m/sec)	6.230E+00	2.000E+00	---	WIND
R013	Humidity in air (g/m**3)	8.000E+00	8.000E+00	---	HUMID
R013	Evapotranspiration coefficient	4.600E-01	5.000E-01	---	EVAPTR
R013	Precipitation (m/yr)	1.230E+00	1.000E+00	---	PRECIP

Site-Specific Parameter Summary (continued)

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R013	Irrigation (m/yr)	2.600E-01	2.000E-01	---	RI
R013	Irrigation mode	overhead	overhead	---	IDITCH
R013	Runoff coefficient	2.000E-01	2.000E-01	---	RUNOFF
R013	Watershed area for nearby stream or pond (m**2)	1.000E+06	1.000E+06	---	WAREA
R013	Accuracy for water/soil computations	1.000E-03	1.000E-03	---	EPS
R014	Density of saturated zone (g/cm**3)	1.660E+00	1.500E+00	---	DENSAQ
R014	Saturated zone total porosity	3.300E-01	4.000E-01	---	TPSZ
R014	Saturated zone effective porosity	2.400E-01	2.000E-01	---	EPSZ
R014	Saturated zone field capacity	2.000E-01	2.000E-01	---	FCSZ
R014	Saturated zone hydraulic conductivity (m/yr)	2.000E+04	1.000E+02	---	HCSZ
R014	Saturated zone hydraulic gradient	4.800E-03	2.000E-02	---	HGWT
R014	Saturated zone b parameter	4.900E+00	5.300E+00	---	BSZ
R014	Water table drop rate (m/yr)	1.000E-03	1.000E-03	---	VWT
R014	Well pump intake depth (m below water table)	1.800E+01	1.000E+01	---	DWIBWT
R014	Model: Nondispersion (ND) or Mass-Balance (MB)	ND	ND	---	MODEL
R014	Well pumping rate (m**3/yr)	2.500E+02	2.500E+02	---	UW
R015	Number of unsaturated zone strata	1	1	---	NS
R015	Unsat. zone 1, thickness (m)	0.000E+00	4.000E+00	---	H(1)
R015	Unsat. zone 1, soil density (g/cm**3)	1.660E+00	1.500E+00	---	DENSUZ(1)
R015	Unsat. zone 1, total porosity	3.300E-01	4.000E-01	---	TPUZ(1)
R015	Unsat. zone 1, effective porosity	2.400E-01	2.000E-01	---	EPUZ(1)
R015	Unsat. zone 1, field capacity	2.000E-01	2.000E-01	---	FCUZ(1)
R015	Unsat. zone 1, soil-specific b parameter	4.900E+00	5.300E+00	---	BUZ(1)
R015	Unsat. zone 1, hydraulic conductivity (m/yr)	5.000E+03	1.000E+01	---	HCUZ(1)
R016	Distribution coefficients for Am-241				
R016	Contaminated zone (cm**3/g)	2.000E+01	2.000E+01	---	DCNUCC(1)
R016	Unsaturated zone 1 (cm**3/g)	2.000E+01	2.000E+01	---	DCNUCU(1,1)
R016	Saturated zone (cm**3/g)	2.000E+01	2.000E+01	---	DCNUCS(1)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	4.018E-03	ALEACH(1)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(1)
R016	Distribution coefficients for Cs-137				
R016	Contaminated zone (cm**3/g)	4.600E+03	4.600E+03	---	DCNUCC(2)
R016	Unsaturated zone 1 (cm**3/g)	4.600E+03	4.600E+03	---	DCNUCU(2,1)
R016	Saturated zone (cm**3/g)	4.600E+03	4.600E+03	---	DCNUCS(2)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	1.759E-05	ALEACH(2)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(2)
R016	Distribution coefficients for Eu-152				
R016	Contaminated zone (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCC(3)
R016	Unsaturated zone 1 (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCU(3,1)
R016	Saturated zone (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCS(3)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	9.810E-05	ALEACH(3)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(3)

Site-Specific Parameter Summary (continued)

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R016	Distribution coefficients for Eu-154				
R016	Contaminated zone (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCC(5)
R016	Unsaturated zone 1 (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCU(5,1)
R016	Saturated zone (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCS(5)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	9.810E-05	ALEACH(5)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(5)
R016	Distribution coefficients for Eu-155				
R016	Contaminated zone (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCC(6)
R016	Unsaturated zone 1 (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCU(6,1)
R016	Saturated zone (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCS(6)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	9.810E-05	ALEACH(6)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(6)
R016	Distribution coefficients for Gd-152				
R016	Contaminated zone (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCC(7)
R016	Unsaturated zone 1 (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCU(7,1)
R016	Saturated zone (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCS(7)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	9.810E-05	ALEACH(7)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(7)
R016	Distribution coefficients for H-3				
R016	Contaminated zone (cm**3/g)	0.000E+00	0.000E+00	---	DCNUCC(8)
R016	Unsaturated zone 1 (cm**3/g)	0.000E+00	0.000E+00	---	DCNUCU(8,1)
R016	Saturated zone (cm**3/g)	0.000E+00	0.000E+00	---	DCNUCS(8)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	5.598E-01	ALEACH(8)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(8)
R016	Distribution coefficients for Na-22				
R016	Contaminated zone (cm**3/g)	1.000E+01	1.000E+01	---	DCNUCC(9)
R016	Unsaturated zone 1 (cm**3/g)	1.000E+01	1.000E+01	---	DCNUCU(9,1)
R016	Saturated zone (cm**3/g)	1.000E+01	1.000E+01	---	DCNUCS(9)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	7.978E-03	ALEACH(9)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(9)
R016	Distribution coefficients for Ni-63				
R016	Contaminated zone (cm**3/g)	1.000E+03	1.000E+03	---	DCNUCC(10)
R016	Unsaturated zone 1 (cm**3/g)	1.000E+03	1.000E+03	---	DCNUCU(10,1)
R016	Saturated zone (cm**3/g)	1.000E+03	1.000E+03	---	DCNUCS(10)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	8.092E-05	ALEACH(10)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(10)
R016	Distribution coefficients for Sr-90				
R016	Contaminated zone (cm**3/g)	3.000E+01	3.000E+01	---	DCNUCC(12)
R016	Unsaturated zone 1 (cm**3/g)	3.000E+01	3.000E+01	---	DCNUCU(12,1)
R016	Saturated zone (cm**3/g)	3.000E+01	3.000E+01	---	DCNUCS(12)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	2.685E-03	ALEACH(12)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(12)

Site-Specific Parameter Summary (continued)

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R016	Distribution coefficients for daughter Np-237				
R016	Contaminated zone (cm**3/g)	-1.000E+00	-1.000E+00	2.574E+02	DCNUCC(11)
R016	Unsaturated zone 1 (cm**3/g)	-1.000E+00	-1.000E+00	2.574E+02	DCNUCU(11,1)
R016	Saturated zone (cm**3/g)	-1.000E+00	-1.000E+00	2.574E+02	DCNUCS(11)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	3.142E-04	ALEACH(11)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(11)
R016	Distribution coefficients for daughter Th-229				
R016	Contaminated zone (cm**3/g)	6.000E+04	6.000E+04	---	DCNUCC(13)
R016	Unsaturated zone 1 (cm**3/g)	6.000E+04	6.000E+04	---	DCNUCU(13,1)
R016	Saturated zone (cm**3/g)	6.000E+04	6.000E+04	---	DCNUCS(13)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	1.349E-06	ALEACH(13)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(13)
R016	Distribution coefficients for daughter U-233				
R016	Contaminated zone (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCC(14)
R016	Unsaturated zone 1 (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCU(14,1)
R016	Saturated zone (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCS(14)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	1.614E-03	ALEACH(14)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(14)
R017	Inhalation rate (m**3/yr)	7.300E+03	8.400E+03	---	INHALR
R017	Mass loading for inhalation (g/m**3)	1.000E-04	1.000E-04	---	MLINH
R017	Exposure duration	3.000E+01	3.000E+01	---	ED
R017	Shielding factor, inhalation	4.000E-01	4.000E-01	---	SHF3
R017	Shielding factor, external gamma	8.000E-01	7.000E-01	---	SHF1
R017	Fraction of time spent indoors	5.000E-01	5.000E-01	---	FIND
R017	Fraction of time spent outdoors (on site)	2.500E-01	2.500E-01	---	FOTD
R017	Shape factor flag, external gamma	1.000E+00	1.000E+00	>0 shows circular AREA.	FS
R017	Radii of shape factor array (used if FS = -1):				
R017	Outer annular radius (m), ring 1:	not used	5.000E+01	---	RAD_SHAPE(1)
R017	Outer annular radius (m), ring 2:	not used	7.071E+01	---	RAD_SHAPE(2)
R017	Outer annular radius (m), ring 3:	not used	0.000E+00	---	RAD_SHAPE(3)
R017	Outer annular radius (m), ring 4:	not used	0.000E+00	---	RAD_SHAPE(4)
R017	Outer annular radius (m), ring 5:	not used	0.000E+00	---	RAD_SHAPE(5)
R017	Outer annular radius (m), ring 6:	not used	0.000E+00	---	RAD_SHAPE(6)
R017	Outer annular radius (m), ring 7:	not used	0.000E+00	---	RAD_SHAPE(7)
R017	Outer annular radius (m), ring 8:	not used	0.000E+00	---	RAD_SHAPE(8)
R017	Outer annular radius (m), ring 9:	not used	0.000E+00	---	RAD_SHAPE(9)
R017	Outer annular radius (m), ring 10:	not used	0.000E+00	---	RAD_SHAPE(10)
R017	Outer annular radius (m), ring 11:	not used	0.000E+00	---	RAD_SHAPE(11)
R017	Outer annular radius (m), ring 12:	not used	0.000E+00	---	RAD_SHAPE(12)

Site-Specific Parameter Summary (continued)

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R017	Fractions of annular areas within AREA:				
R017	Ring 1	not used	1.000E+00	---	FRACA(1)
R017	Ring 2	not used	2.732E-01	---	FRACA(2)
R017	Ring 3	not used	0.000E+00	---	FRACA(3)
R017	Ring 4	not used	0.000E+00	---	FRACA(4)
R017	Ring 5	not used	0.000E+00	---	FRACA(5)
R017	Ring 6	not used	0.000E+00	---	FRACA(6)
R017	Ring 7	not used	0.000E+00	---	FRACA(7)
R017	Ring 8	not used	0.000E+00	---	FRACA(8)
R017	Ring 9	not used	0.000E+00	---	FRACA(9)
R017	Ring 10	not used	0.000E+00	---	FRACA(10)
R017	Ring 11	not used	0.000E+00	---	FRACA(11)
R017	Ring 12	not used	0.000E+00	---	FRACA(12)
R018	Fruits, vegetables and grain consumption (kg/yr)	not used	1.600E+02	---	DIET(1)
R018	Leafy vegetable consumption (kg/yr)	not used	1.400E+01	---	DIET(2)
R018	Milk consumption (L/yr)	not used	9.200E+01	---	DIET(3)
R018	Meat and poultry consumption (kg/yr)	not used	6.300E+01	---	DIET(4)
R018	Fish consumption (kg/yr)	not used	5.400E+00	---	DIET(5)
R018	Other seafood consumption (kg/yr)	not used	9.000E-01	---	DIET(6)
R018	Soil ingestion rate (g/yr)	4.380E+01	3.650E+01	---	SOIL
R018	Drinking water intake (L/yr)	7.000E+02	5.100E+02	---	DWI
R018	Contamination fraction of drinking water	1.000E+00	1.000E+00	---	FDW
R018	Contamination fraction of household water	not used	1.000E+00	---	FHHW
R018	Contamination fraction of livestock water	not used	1.000E+00	---	FLW
R018	Contamination fraction of irrigation water	not used	1.000E+00	---	FIRW
R018	Contamination fraction of aquatic food	not used	5.000E-01	---	FR9
R018	Contamination fraction of plant food	not used	-1	---	FPLANT
R018	Contamination fraction of meat	not used	-1	---	FMEAT
R018	Contamination fraction of milk	not used	-1	---	FMILK
R019	Livestock fodder intake for meat (kg/day)	not used	6.800E+01	---	LFI5
R019	Livestock fodder intake for milk (kg/day)	not used	5.500E+01	---	LFI6
R019	Livestock water intake for meat (L/day)	not used	5.000E+01	---	LWI5
R019	Livestock water intake for milk (L/day)	not used	1.600E+02	---	LWI6
R019	Livestock soil intake (kg/day)	not used	5.000E-01	---	LSI
R019	Mass loading for foliar deposition (g/m**3)	not used	1.000E-04	---	MLFD
R019	Depth of soil mixing layer (m)	1.500E-01	1.500E-01	---	DM
R019	Depth of roots (m)	not used	9.000E-01	---	DROOT
R019	Drinking water fraction from ground water	1.000E+00	1.000E+00	---	FGWDW
R019	Household water fraction from ground water	not used	1.000E+00	---	FGWHH
R019	Livestock water fraction from ground water	not used	1.000E+00	---	FGWLW
R019	Irrigation fraction from ground water	not used	1.000E+00	---	FGWIR
R19B	Wet weight crop yield for Non-Leafy (kg/m**2)	not used	7.000E-01	---	YV(1)
R19B	Wet weight crop yield for Leafy (kg/m**2)	not used	1.500E+00	---	YV(2)
R19B	Wet weight crop yield for Fodder (kg/m**2)	not used	1.100E+00	---	YV(3)
R19B	Growing Season for Non-Leafy (years)	not used	1.700E-01	---	TE(1)
R19B	Growing Season for Leafy (years)	not used	2.500E-01	---	TE(2)
R19B	Growing Season for Fodder (years)	not used	8.000E-02	---	TE(3)

Summary : HFBR SU 7B_Industrial_Bkgd Subtract
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Site-Specific Parameter Summary (continued)

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R19B	Translocation Factor for Non-Leafy	not used	1.000E-01	---	TIV(1)
R19B	Translocation Factor for Leafy	not used	1.000E+00	---	TIV(2)
R19B	Translocation Factor for Fodder	not used	1.000E+00	---	TIV(3)
R19B	Dry Foliar Interception Fraction for Non-Leafy	not used	2.500E-01	---	RDRY(1)
R19B	Dry Foliar Interception Fraction for Leafy	not used	2.500E-01	---	RDRY(2)
R19B	Dry Foliar Interception Fraction for Fodder	not used	2.500E-01	---	RDRY(3)
R19B	Wet Foliar Interception Fraction for Non-Leafy	not used	2.500E-01	---	RWET(1)
R19B	Wet Foliar Interception Fraction for Leafy	not used	2.500E-01	---	RWET(2)
R19B	Wet Foliar Interception Fraction for Fodder	not used	2.500E-01	---	RWET(3)
R19B	Weathering Removal Constant for Vegetation	not used	2.000E+01	---	WLAM
C14	C-12 concentration in water (g/cm**3)	not used	2.000E-05	---	C12WTR
C14	C-12 concentration in contaminated soil (g/g)	not used	3.000E-02	---	C12CZ
C14	Fraction of vegetation carbon from soil	not used	2.000E-02	---	CSOIL
C14	Fraction of vegetation carbon from air	not used	9.800E-01	---	CAIR
C14	C-14 evasion layer thickness in soil (m)	not used	3.000E-01	---	DMC
C14	C-14 evasion flux rate from soil (1/sec)	not used	7.000E-07	---	EVSN
C14	C-12 evasion flux rate from soil (1/sec)	not used	1.000E-10	---	REVSN
C14	Fraction of grain in beef cattle feed	not used	8.000E-01	---	AVFG4
C14	Fraction of grain in milk cow feed	not used	2.000E-01	---	AVFG5
STOR	Storage times of contaminated foodstuffs (days):				
STOR	Fruits, non-leafy vegetables, and grain	1.400E+01	1.400E+01	---	STOR_T(1)
STOR	Leafy vegetables	1.000E+00	1.000E+00	---	STOR_T(2)
STOR	Milk	1.000E+00	1.000E+00	---	STOR_T(3)
STOR	Meat and poultry	2.000E+01	2.000E+01	---	STOR_T(4)
STOR	Fish	7.000E+00	7.000E+00	---	STOR_T(5)
STOR	Crustacea and mollusks	7.000E+00	7.000E+00	---	STOR_T(6)
STOR	Well water	1.000E+00	1.000E+00	---	STOR_T(7)
STOR	Surface water	1.000E+00	1.000E+00	---	STOR_T(8)
STOR	Livestock fodder	4.500E+01	4.500E+01	---	STOR_T(9)
R021	Thickness of building foundation (m)	not used	1.500E-01	---	FLOOR1
R021	Bulk density of building foundation (g/cm**3)	not used	2.400E+00	---	DENSFL
R021	Total porosity of the cover material	not used	4.000E-01	---	TPCV
R021	Total porosity of the building foundation	not used	1.000E-01	---	TPFL
R021	Volumetric water content of the cover material	not used	5.000E-02	---	PH2OCV
R021	Volumetric water content of the foundation	not used	3.000E-02	---	PH2OFL
R021	Diffusion coefficient for radon gas (m/sec):				
R021	in cover material	not used	2.000E-06	---	DIFCV
R021	in foundation material	not used	3.000E-07	---	DIFFL
R021	in contaminated zone soil	not used	2.000E-06	---	DIFCZ
R021	Radon vertical dimension of mixing (m)	not used	2.000E+00	---	HMIX
R021	Average building air exchange rate (1/hr)	not used	5.000E-01	---	REXG
R021	Height of the building (room) (m)	not used	2.500E+00	---	HRM
R021	Building interior area factor	not used	0.000E+00	---	FAI
R021	Building depth below ground surface (m)	not used	-1.000E+00	---	DMFL
R021	Emanating power of Rn-222 gas	not used	2.500E-01	---	EMANA(1)
R021	Emanating power of Rn-220 gas	not used	1.500E-01	---	EMANA(2)
TITL	Number of graphical time points	32	---	---	NPTS

Site-Specific Parameter Summary (continued)

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
TITL	Maximum number of integration points for dose	17	---	---	LYMAX
TITL	Maximum number of integration points for risk	257	---	---	KYMAX

Summary of Pathway Selections

Pathway	User Selection
1 -- external gamma	active
2 -- inhalation (w/o radon)	active
3 -- plant ingestion	suppressed
4 -- meat ingestion	suppressed
5 -- milk ingestion	suppressed
6 -- aquatic foods	suppressed
7 -- drinking water	active
8 -- soil ingestion	active
9 -- radon	suppressed
Find peak pathway doses	suppressed

Summary : HFBR SU 7B_Industrial_Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7B\SU 7B_INDUSTRIAL_BKGD SUBTRACT.RAD

Contaminated Zone Dimensions		Initial Soil Concentrations, pCi/g	
Area:	327.00 square meters	Am-241	3.290E-02
Thickness:	5.00 meters	Cs-137	8.670E-02
Cover Depth:	0.00 meters	Eu-152	7.490E-02
		Eu-154	3.840E-02
		Eu-155	1.060E-02
		Gd-152	7.490E-02
		H-3	2.298E+00
		Na-22	1.930E-02
		Ni-63	3.480E+00
		Sr-90	1.830E-01

Total Dose TDOSE(t), mrem/yr
Basic Radiation Dose Limit = 2.500E+01 mrem/yr
Total Mixture Sum M(t) = Fraction of Basic Dose Limit Received at Time (t)

t (years):	0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
TDOSE(t):	7.465E-01	6.902E-01	5.405E-01	4.143E-01	1.013E-01	3.653E-02	2.232E-03	4.659E-04
M(t):	2.986E-02	2.761E-02	2.162E-02	1.657E-02	4.053E-03	1.461E-03	8.930E-05	1.864E-05

Maximum TDOSE(t): 7.465E-01 mrem/yr at t = 0.000E+00 years

Summary : HFBR SU 7B_Industrial_Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7B\SU 7B_INDUSTRIAL_BKGD SUBTRACT.RAD

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 0.000E+00 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Am-241	8.295E-04	0.0011	2.118E-04	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.283E-03	0.0017
Cs-137	1.619E-01	0.2169	3.975E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.603E-05	0.0001
Eu-152	2.856E-01	0.3825	2.345E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.080E-06	0.0000
Eu-154	1.579E-01	0.2114	1.536E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.788E-06	0.0000
Eu-155	1.047E-03	0.0014	5.955E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.626E-07	0.0000
Gd-152	0.000E+00	0.0000	2.646E-04	0.0004	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.295E-04	0.0002
H-3	0.000E+00	0.0000	6.687E-05	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.606E-07	0.0000
Na-22	1.282E-01	0.1717	1.880E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.085E-06	0.0000
Ni-63	0.000E+00	0.0000	3.171E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.149E-05	0.0000
Sr-90	2.472E-03	0.0033	3.436E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.964E-04	0.0004
Total	7.379E-01	0.9884	5.475E-04	0.0007	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.788E-03	0.0024

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 0.000E+00 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Am-241	3.047E-03	0.0041	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.371E-03	0.0072
Cs-137	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.619E-01	0.2169
Eu-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.856E-01	0.3825
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.579E-01	0.2115
Eu-155	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.048E-03	0.0014
Gd-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.942E-04	0.0005
H-3	2.933E-03	0.0039	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.001E-03	0.0040
Na-22	1.897E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.282E-01	0.1718
Ni-63	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.181E-05	0.0000
Sr-90	3.076E-04	0.0004	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.080E-03	0.0041
Total	6.307E-03	0.0084	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.465E-01	1.0000

*Sum of all water independent and dependent pathways.

Summary : HFBR SU 7B_Industrial_Bkgd Subtract
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Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+00 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Am-241	8.249E-04	0.0012	2.106E-04	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.276E-03	0.0018
Cs-137	1.582E-01	0.2292	3.885E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.498E-05	0.0001
Eu-152	2.711E-01	0.3928	2.226E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.822E-06	0.0000
Eu-154	1.459E-01	0.2114	1.419E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.501E-06	0.0000
Eu-155	9.107E-04	0.0013	5.178E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.414E-07	0.0000
Gd-152	0.000E+00	0.0000	2.646E-04	0.0004	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.295E-04	0.0002
H-3	0.000E+00	0.0000	2.240E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.218E-07	0.0000
Na-22	9.745E-02	0.1412	1.429E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.585E-06	0.0000
Ni-63	0.000E+00	0.0000	3.148E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.133E-05	0.0000
Sr-90	2.408E-03	0.0035	3.346E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.887E-04	0.0004
Total	6.767E-01	0.9805	5.017E-04	0.0007	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.770E-03	0.0026

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+00 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Am-241	9.138E-03	0.0132	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.145E-02	0.0166
Cs-137	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.582E-01	0.2293
Eu-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.711E-01	0.3928
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.459E-01	0.2114
Eu-155	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.109E-04	0.0013
Gd-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.941E-04	0.0006
H-3	1.073E-03	0.0016	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.095E-03	0.0016
Na-22	4.494E-05	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.750E-02	0.1413
Ni-63	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.165E-05	0.0000
Sr-90	9.051E-04	0.0013	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.605E-03	0.0052
Total	1.116E-02	0.0162	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.902E-01	1.0000

*Sum of all water independent and dependent pathways.

Summary : HFBR SU 7B_Industrial_Bkgd Subtract
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Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+00 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Am-241	8.065E-04	0.0015	2.059E-04	0.0004	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.247E-03	0.0023
Cs-137	1.442E-01	0.2669	3.541E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.101E-05	0.0001
Eu-152	2.201E-01	0.4072	1.807E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.915E-06	0.0000
Eu-154	1.064E-01	0.1969	1.035E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.554E-06	0.0000
Eu-155	5.205E-04	0.0010	2.959E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.080E-08	0.0000
Gd-152	0.000E+00	0.0000	2.645E-04	0.0005	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.295E-04	0.0002
H-3	0.000E+00	0.0000	2.814E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.042E-09	0.0000
Na-22	3.252E-02	0.0602	4.768E-10	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.289E-07	0.0000
Ni-63	0.000E+00	0.0000	3.058E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.072E-05	0.0000
Sr-90	2.166E-03	0.0040	3.010E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.597E-04	0.0005
Total	5.067E-01	0.9376	4.744E-04	0.0009	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.705E-03	0.0032

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+00 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Am-241	2.850E-02	0.0527	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.076E-02	0.0569
Cs-137	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.443E-01	0.2669
Eu-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.201E-01	0.4072
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.064E-01	0.1969
Eu-155	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.206E-04	0.0010
Gd-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.940E-04	0.0007
H-3	1.348E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.376E-05	0.0000
Na-22	2.399E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.254E-02	0.0602
Ni-63	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.103E-05	0.0000
Sr-90	3.008E-03	0.0056	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.436E-03	0.0101
Total	3.155E-02	0.0584	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.405E-01	1.0000

*Sum of all water independent and dependent pathways.

Summary : HFBR SU 7B_Industrial_Bkgd Subtract
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Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+01 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Am-241	7.842E-04	0.0019	2.002E-04	0.0005	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.213E-03	0.0029
Cs-137	1.285E-01	0.3101	3.155E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.653E-05	0.0001
Eu-152	1.696E-01	0.4094	1.393E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.017E-06	0.0000
Eu-154	7.174E-02	0.1732	6.979E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.721E-06	0.0000
Eu-155	2.587E-04	0.0006	1.471E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.015E-08	0.0000
Gd-152	0.000E+00	0.0000	2.644E-04	0.0006	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.294E-04	0.0003
H-3	0.000E+00	0.0000	1.178E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.693E-11	0.0000
Na-22	8.248E-03	0.0199	1.209E-10	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.341E-07	0.0000
Ni-63	0.000E+00	0.0000	2.948E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.998E-05	0.0000
Sr-90	1.897E-03	0.0046	2.636E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.274E-04	0.0005
Total	3.810E-01	0.9197	4.678E-04	0.0011	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.631E-03	0.0039

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+01 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Am-241	2.770E-02	0.0669	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.990E-02	0.0722
Cs-137	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.285E-01	0.3102
Eu-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.696E-01	0.4094
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.174E-02	0.1732
Eu-155	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.587E-04	0.0006
Gd-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.938E-04	0.0010
H-3	5.645E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.764E-08	0.0000
Na-22	6.084E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.255E-03	0.0199
Ni-63	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.027E-05	0.0000
Sr-90	3.473E-03	0.0084	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.600E-03	0.0135
Total	3.118E-02	0.0753	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.143E-01	1.0000

*Sum of all water independent and dependent pathways.

Summary : HFBR SU 7B_Industrial_Bkgd Subtract
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Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+01 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Am-241	6.265E-04	0.0062	1.599E-04	0.0016	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.685E-04	0.0096
Cs-137	5.095E-02	0.5029	1.251E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.449E-05	0.0001
Eu-152	2.111E-02	0.2083	1.733E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.755E-07	0.0000
Eu-154	3.060E-03	0.0302	2.977E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.343E-08	0.0000
Eu-155	9.625E-07	0.0000	5.472E-12	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.494E-10	0.0000
Gd-152	0.000E+00	0.0000	2.633E-04	0.0026	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.289E-04	0.0013
H-3	0.000E+00	0.0000	9.359E-29	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Na-22	1.413E-07	0.0000	2.072E-15	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.298E-12	0.0000
Ni-63	0.000E+00	0.0000	2.201E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.492E-05	0.0001
Sr-90	6.575E-04	0.0065	9.138E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.884E-05	0.0008
Total	7.640E-02	0.7541	4.244E-04	0.0042	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.206E-03	0.0119

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+01 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Am-241	2.208E-02	0.2179	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.384E-02	0.2353
Cs-137	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.096E-02	0.5030
Eu-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.111E-02	0.2083
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.060E-03	0.0302
Eu-155	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.627E-07	0.0000
Gd-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.922E-04	0.0039
H-3	4.495E-27	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.588E-27	0.0000
Na-22	1.040E-10	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.414E-07	0.0000
Ni-63	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.514E-05	0.0001
Sr-90	1.202E-03	0.0119	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.939E-03	0.0191
Total	2.328E-02	0.2298	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.013E-01	1.0000

*Sum of all water independent and dependent pathways.

Summary : HFBR SU 7B_Industrial_Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7B\SU 7B_INDUSTRIAL_BKGD SUBTRACT.RAD

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+02 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Am-241	4.733E-04	0.0130	1.207E-04	0.0033	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.312E-04	0.0200
Cs-137	1.603E-02	0.4389	3.937E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.559E-06	0.0001
Eu-152	1.560E-03	0.0427	1.281E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.775E-08	0.0000
Eu-154	5.932E-05	0.0016	5.771E-11	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.423E-09	0.0000
Eu-155	8.845E-10	0.0000	5.029E-15	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.373E-13	0.0000
Gd-152	0.000E+00	0.0000	2.621E-04	0.0072	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.283E-04	0.0035
H-3	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Na-22	1.557E-13	0.0000	2.283E-21	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.532E-18	0.0000
Ni-63	0.000E+00	0.0000	1.528E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.036E-05	0.0003
Sr-90	1.749E-04	0.0048	2.430E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.097E-05	0.0006
Total	1.830E-02	0.5010	3.832E-04	0.0105	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.954E-04	0.0245

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+02 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Am-241	1.663E-02	0.4552	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.795E-02	0.4915
Cs-137	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.604E-02	0.4391
Eu-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.560E-03	0.0427
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.932E-05	0.0016
Eu-155	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.847E-10	0.0000
Gd-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.903E-04	0.0107
H-3	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Na-22	1.143E-16	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.558E-13	0.0000
Ni-63	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.051E-05	0.0003
Sr-90	3.189E-04	0.0087	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.150E-04	0.0141
Total	1.695E-02	0.4640	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.653E-02	1.0000

*Sum of all water independent and dependent pathways.

Summary : HFBR SU 7B_Industrial_Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7B\SU 7B_INDUSTRIAL_BKGD SUBTRACT.RAD

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+02 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Am-241	5.090E-05	0.0228	1.276E-05	0.0057	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.725E-05	0.0346
Cs-137	1.543E-06	0.0007	3.788E-13	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.386E-10	0.0000
Eu-152	1.390E-12	0.0000	9.824E-18	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.897E-17	0.0000
Eu-154	1.183E-18	0.0000	1.151E-24	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.839E-23	0.0000
Eu-155	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Gd-152	0.000E+00	0.0000	2.520E-04	0.1129	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.233E-04	0.0552
H-3	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Na-22	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Ni-63	0.000E+00	0.0000	8.238E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.582E-07	0.0003
Sr-90	4.378E-09	0.0000	6.085E-12	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.249E-10	0.0000
Total	5.245E-05	0.0235	2.647E-04	0.1186	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.011E-04	0.0901

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+02 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Am-241	1.714E-03	0.7678	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.855E-03	0.8309
Cs-137	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.543E-06	0.0007
Eu-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.390E-12	0.0000
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.183E-18	0.0000
Eu-155	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Gd-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.753E-04	0.1681
H-3	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Na-22	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Ni-63	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.665E-07	0.0003
Sr-90	7.809E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.272E-08	0.0000
Total	1.714E-03	0.7678	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.232E-03	1.0000

*Sum of all water independent and dependent pathways.

Summary : HFBR SU 7B_Industrial_Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7B\SU 7B_INDUSTRIAL_BKGD SUBTRACT.RAD

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+03 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Am-241	3.913E-06	0.0084	7.781E-07	0.0017	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.713E-06	0.0101
Cs-137	1.470E-11	0.0000	3.609E-18	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.179E-15	0.0000
Eu-152	6.764E-24	0.0000	8.267E-18	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.047E-18	0.0000
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Eu-155	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Gd-152	0.000E+00	0.0000	2.399E-04	0.5149	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.174E-04	0.2520
H-3	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Na-22	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Ni-63	0.000E+00	0.0000	2.140E-10	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.450E-08	0.0000
Sr-90	7.753E-15	0.0000	1.078E-17	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.296E-16	0.0000
Total	3.913E-06	0.0084	2.407E-04	0.5166	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.222E-04	0.2622

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+03 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Am-241	9.919E-05	0.2129	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.086E-04	0.2331
Cs-137	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.470E-11	0.0000
Eu-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.231E-17	0.0000
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Eu-155	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Gd-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.573E-04	0.7669
H-3	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Na-22	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Ni-63	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.471E-08	0.0000
Sr-90	1.332E-14	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.201E-14	0.0000
Total	9.919E-05	0.2129	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.659E-04	1.0000

*Sum of all water independent and dependent pathways.

Summary : HFBR SU 7B_Industrial_Bkgd Subtract
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Dose/Source Ratios Summed Over All Pathways
Parent and Progeny Principal Radionuclide Contributions Indicated

Parent (i)	Product (j)	Thread Fraction	DSR(j,t) At Time in Years (mrem/yr)/(pCi/g) 0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
Am-241	Am-241	1.000E+00	1.633E-01	3.480E-01	9.349E-01	9.088E-01	7.245E-01	5.457E-01	5.635E-02	3.267E-03
Am-241	Np-237+D	1.000E+00	1.109E-07	3.360E-07	1.280E-06	2.468E-06	1.079E-05	1.872E-05	3.716E-05	3.405E-05
Am-241	U-233	1.000E+00	6.608E-15	2.990E-14	4.587E-13	2.285E-12	5.452E-11	1.925E-10	1.970E-09	3.171E-09
Am-241	Th-229+D	1.000E+00	6.219E-17	2.563E-16	4.197E-15	2.600E-14	2.560E-12	1.838E-11	1.172E-09	4.752E-09
Am-241	∑DSR(j)		1.633E-01	3.480E-01	9.349E-01	9.088E-01	7.245E-01	5.457E-01	5.638E-02	3.301E-03
Cs-137+D	Cs-137+D	1.000E+00	1.868E+00	1.825E+00	1.664E+00	1.482E+00	5.878E-01	1.850E-01	1.780E-05	1.696E-10
Eu-152	Eu-152	7.208E-01	2.748E+00	2.609E+00	2.118E+00	1.632E+00	2.031E-01	1.501E-02	1.338E-11	6.510E-23
Eu-152	Eu-152	2.792E-01	1.065E+00	1.010E+00	8.204E-01	6.323E-01	7.868E-02	5.816E-03	5.181E-12	2.521E-23
Eu-152	Gd-152	2.792E-01	4.634E-18	1.359E-17	4.507E-17	7.621E-17	1.674E-16	1.786E-16	1.727E-16	1.644E-16
Eu-152	∑DSR(j)		1.065E+00	1.010E+00	8.204E-01	6.323E-01	7.868E-02	5.816E-03	5.181E-12	1.644E-16
Eu-154	Eu-154	1.000E+00	4.111E+00	3.799E+00	2.771E+00	1.868E+00	7.969E-02	1.545E-03	3.081E-17	2.309E-34
Eu-155	Eu-155	1.000E+00	9.883E-02	8.593E-02	4.912E-02	2.441E-02	9.082E-05	8.346E-08	4.244E-32	0.000E+00
Gd-152	Gd-152	1.000E+00	5.263E-03	5.262E-03	5.260E-03	5.257E-03	5.237E-03	5.211E-03	5.011E-03	4.771E-03
H-3	H-3	1.000E+00	1.306E-03	4.766E-04	5.989E-06	2.508E-08	1.997E-27	0.000E+00	0.000E+00	0.000E+00
Na-22	Na-22	1.000E+00	6.644E+00	5.052E+00	1.686E+00	4.277E-01	7.326E-06	8.073E-12	0.000E+00	0.000E+00
Ni-63	Ni-63	1.000E+00	6.267E-06	6.221E-06	6.042E-06	5.825E-06	4.350E-06	3.020E-06	1.628E-07	4.228E-09
Sr-90+D	Sr-90+D	1.000E+00	1.683E-02	1.970E-02	2.971E-02	3.060E-02	1.060E-02	2.814E-03	6.950E-08	1.203E-13

The DSR includes contributions from associated (half-life ≤ 180 days) daughters.

Summary : HFBR SU 7B_Industrial_Bkgd Subtract
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Single Radionuclide Soil Guidelines G(i,t) in pCi/g
Basic Radiation Dose Limit = 2.500E+01 mrem/yr

Nuclide (i)	t= 0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
Am-241	1.531E+02	7.184E+01	2.674E+01	2.751E+01	3.451E+01	4.581E+01	4.434E+02	7.574E+03
Cs-137	1.338E+01	1.370E+01	1.502E+01	1.687E+01	4.253E+01	1.351E+02	1.405E+06	1.474E+11
Eu-152	6.557E+00	6.908E+00	8.508E+00	1.104E+01	8.871E+01	1.200E+03	1.347E+12	*1.765E+14
Eu-154	6.081E+00	6.580E+00	9.021E+00	1.338E+01	3.137E+02	1.618E+04	*2.639E+14	*2.639E+14
Eu-155	2.530E+02	2.909E+02	5.090E+02	1.024E+03	2.753E+05	2.995E+08	*4.652E+14	*4.652E+14
Gd-152	*2.179E+01	*2.179E+01	*2.179E+01	*2.179E+01	*2.179E+01	*2.179E+01	*2.179E+01	*2.179E+01
H-3	1.914E+04	5.245E+04	4.175E+06	9.966E+08	*9.597E+15	*9.597E+15	*9.597E+15	*9.597E+15
Na-22	3.763E+00	4.949E+00	1.483E+01	5.845E+01	3.412E+06	3.097E+12	*6.247E+15	*6.247E+15
Ni-63	3.989E+06	4.019E+06	4.138E+06	4.292E+06	5.747E+06	8.279E+06	1.536E+08	5.913E+09
Sr-90	1.486E+03	1.269E+03	8.415E+02	8.169E+02	2.359E+03	8.884E+03	3.597E+08	*1.365E+14

*At specific activity limit

Summed Dose/Source Ratios DSR(i,t) in (mrem/yr)/(pCi/g)
and Single Radionuclide Soil Guidelines G(i,t) in pCi/g
at tmin = time of minimum single radionuclide soil guideline
and at tmax = time of maximum total dose = 0.000E+00 years

Nuclide (i)	Initial (pCi/g)	tmin (years)	DSR(i,tmin)	G(i,tmin) (pCi/g)	DSR(i,tmax)	G(i,tmax) (pCi/g)
Am-241	3.290E-02	4.688 ± 0.009	9.363E-01	2.670E+01	1.633E-01	1.531E+02
Cs-137	8.670E-02	0.000E+00	1.868E+00	1.338E+01	1.868E+00	1.338E+01
Eu-152	7.490E-02	0.000E+00	3.813E+00	6.557E+00	3.813E+00	6.557E+00
Eu-154	3.840E-02	0.000E+00	4.111E+00	6.081E+00	4.111E+00	6.081E+00
Eu-155	1.060E-02	0.000E+00	9.883E-02	2.530E+02	9.883E-02	2.530E+02
Gd-152	7.490E-02	0.000E+00	5.263E-03	*2.179E+01	5.263E-03	*2.179E+01
H-3	2.298E+00	0.000E+00	1.306E-03	1.914E+04	1.306E-03	1.914E+04
Na-22	1.930E-02	0.000E+00	6.644E+00	3.763E+00	6.644E+00	3.763E+00
Ni-63	3.480E+00	0.000E+00	6.267E-06	3.989E+06	6.267E-06	3.989E+06
Sr-90	1.830E-01	6.98 ± 0.01	3.309E-02	7.555E+02	1.683E-02	1.486E+03

*At specific activity limit

Summary : HFBR SU 7B_Industrial_Bkgd Subtract
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Individual Nuclide Dose Summed Over All Pathways
Parent Nuclide and Branch Fraction Indicated

Nuclide (j)	Parent (i)	THF(i)	DOSE(j,t), mrem/yr							
		t=	0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
Am-241	Am-241	1.000E+00	5.371E-03	1.145E-02	3.076E-02	2.990E-02	2.384E-02	1.795E-02	1.854E-03	1.075E-04
Np-237	Am-241	1.000E+00	3.650E-09	1.105E-08	4.212E-08	8.120E-08	3.548E-07	6.158E-07	1.223E-06	1.120E-06
U-233	Am-241	1.000E+00	2.174E-16	9.838E-16	1.509E-14	7.519E-14	1.794E-12	6.332E-12	6.483E-11	1.043E-10
Th-229	Am-241	1.000E+00	2.046E-18	8.433E-18	1.381E-16	8.555E-16	8.422E-14	6.047E-13	3.856E-11	1.563E-10
Cs-137	Cs-137	1.000E+00	1.619E-01	1.582E-01	1.443E-01	1.285E-01	5.096E-02	1.604E-02	1.543E-06	1.470E-11
Eu-152	Eu-152	7.208E-01	2.058E-01	1.954E-01	1.586E-01	1.223E-01	1.521E-02	1.125E-03	1.002E-12	4.876E-24
Eu-152	Eu-152	2.792E-01	7.973E-02	7.568E-02	6.145E-02	4.736E-02	5.893E-03	4.356E-04	3.880E-13	1.889E-24
Eu-152	∑DOSE(j)		2.856E-01	2.711E-01	2.201E-01	1.696E-01	2.111E-02	1.560E-03	1.390E-12	6.764E-24
Gd-152	Eu-152	2.792E-01	3.471E-19	1.018E-18	3.376E-18	5.708E-18	1.254E-17	1.338E-17	1.293E-17	1.231E-17
Gd-152	Gd-152	1.000E+00	3.942E-04	3.941E-04	3.940E-04	3.938E-04	3.922E-04	3.903E-04	3.753E-04	3.573E-04
Gd-152	∑DOSE(j)		3.942E-04	3.941E-04	3.940E-04	3.938E-04	3.922E-04	3.903E-04	3.753E-04	3.573E-04
Eu-154	Eu-154	1.000E+00	1.579E-01	1.459E-01	1.064E-01	7.174E-02	3.060E-03	5.932E-05	1.183E-18	0.000E+00
Eu-155	Eu-155	1.000E+00	1.048E-03	9.109E-04	5.206E-04	2.587E-04	9.627E-07	8.847E-10	0.000E+00	0.000E+00
H-3	H-3	1.000E+00	3.001E-03	1.095E-03	1.376E-05	5.764E-08	4.588E-27	0.000E+00	0.000E+00	0.000E+00
Na-22	Na-22	1.000E+00	1.282E-01	9.750E-02	3.254E-02	8.255E-03	1.414E-07	1.558E-13	0.000E+00	0.000E+00
Ni-63	Ni-63	1.000E+00	2.181E-05	2.165E-05	2.103E-05	2.027E-05	1.514E-05	1.051E-05	5.665E-07	1.471E-08
Sr-90	Sr-90	1.000E+00	3.080E-03	3.605E-03	5.436E-03	5.600E-03	1.939E-03	5.150E-04	1.272E-08	2.201E-14

THF(i) is the thread fraction of the parent nuclide.

Summary : HFBR SU 7B_Industrial_Bkgd Subtract
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Individual Nuclide Soil Concentration
Parent Nuclide and Branch Fraction Indicated

Nuclide (j)	Parent (i)	THF(i)	S(j,t), pCi/g t= 0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
Am-241	Am-241	1.000E+00	3.290E-02	3.272E-02	3.199E-02	3.110E-02	2.484E-02	1.875E-02	1.979E-03	1.191E-04
Np-237	Am-241	1.000E+00	0.000E+00	1.062E-08	5.250E-08	1.035E-07	4.607E-07	8.013E-07	1.595E-06	1.459E-06
U-233	Am-241	1.000E+00	0.000E+00	2.324E-14	5.752E-13	2.272E-12	5.144E-11	1.823E-10	1.912E-09	3.155E-09
Th-229	Am-241	1.000E+00	0.000E+00	7.321E-19	9.081E-17	7.196E-16	8.342E-14	6.087E-13	3.930E-11	1.596E-10
Cs-137	Cs-137	1.000E+00	8.670E-02	8.472E-02	7.723E-02	6.880E-02	2.728E-02	8.587E-03	8.261E-07	7.871E-12
Eu-152	Eu-152	7.208E-01	5.399E-02	5.125E-02	4.161E-02	3.207E-02	3.990E-03	2.949E-04	2.628E-13	1.279E-24
Eu-152	Eu-152	2.792E-01	2.091E-02	1.985E-02	1.612E-02	1.242E-02	1.546E-03	1.142E-04	1.018E-13	4.953E-25
Eu-152	∑S(j):		7.490E-02	7.110E-02	5.772E-02	4.449E-02	5.536E-03	4.092E-04	3.645E-13	1.774E-24
Gd-152	Eu-152	2.792E-01	0.000E+00	1.308E-16	5.906E-16	1.046E-15	2.378E-15	2.542E-15	2.458E-15	2.340E-15
Gd-152	Gd-152	1.000E+00	7.490E-02	7.489E-02	7.486E-02	7.483E-02	7.453E-02	7.417E-02	7.131E-02	6.790E-02
Gd-152	∑S(j):		7.490E-02	7.489E-02	7.486E-02	7.483E-02	7.453E-02	7.417E-02	7.131E-02	6.790E-02
Eu-154	Eu-154	1.000E+00	3.840E-02	3.549E-02	2.589E-02	1.745E-02	7.444E-04	1.443E-05	2.878E-19	2.157E-36
Eu-155	Eu-155	1.000E+00	1.060E-02	9.217E-03	5.268E-03	2.618E-03	9.741E-06	8.951E-09	4.552E-33	0.000E+00
H-3	H-3	1.000E+00	2.298E+00	7.698E-01	9.673E-03	4.052E-05	3.229E-24	0.000E+00	0.000E+00	0.000E+00
Na-22	Na-22	1.000E+00	1.930E-02	1.467E-02	4.895E-03	1.242E-03	2.127E-08	2.344E-14	0.000E+00	0.000E+00
Ni-63	Ni-63	1.000E+00	3.480E+00	3.455E+00	3.355E+00	3.235E+00	2.416E+00	1.677E+00	9.039E-02	2.348E-03
Sr-90	Sr-90	1.000E+00	1.830E-01	1.782E-01	1.603E-01	1.404E-01	4.867E-02	1.294E-02	3.241E-07	5.739E-13

THF(i) is the thread fraction of the parent nuclide.

RESCALC.EXE execution time = 5.85 seconds

Summary : SU 7B_Residential_Bkgd Subtract
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Dose Conversion Factor (and Related) Parameter Summary
Dose Library: FGR 11

Menu	Parameter	Current Value#	Base Case*	Parameter Name
A-1	DCF's for external ground radiation, (mrem/yr)/(pCi/g)			
A-1	Ac-225 (Source: FGR 12)	6.371E-02	6.371E-02	DCF1(1)
A-1	Am-241 (Source: FGR 12)	4.372E-02	4.372E-02	DCF1(2)
A-1	At-217 (Source: FGR 12)	1.773E-03	1.773E-03	DCF1(3)
A-1	Ba-137m (Source: FGR 12)	3.606E+00	3.606E+00	DCF1(4)
A-1	Bi-213 (Source: FGR 12)	7.660E-01	7.660E-01	DCF1(5)
A-1	Cs-137 (Source: FGR 12)	7.510E-04	7.510E-04	DCF1(6)
A-1	Eu-152 (Source: FGR 12)	7.006E+00	7.006E+00	DCF1(7)
A-1	Eu-154 (Source: FGR 12)	7.678E+00	7.678E+00	DCF1(8)
A-1	Eu-155 (Source: FGR 12)	1.822E-01	1.822E-01	DCF1(9)
A-1	Fr-221 (Source: FGR 12)	1.536E-01	1.536E-01	DCF1(10)
A-1	Gd-152 (Source: FGR 12)	0.000E+00	0.000E+00	DCF1(11)
A-1	H-3 (Source: FGR 12)	0.000E+00	0.000E+00	DCF1(12)
A-1	Na-22 (Source: FGR 12)	1.368E+01	1.368E+01	DCF1(13)
A-1	Ni-63 (Source: FGR 12)	0.000E+00	0.000E+00	DCF1(14)
A-1	Np-237 (Source: FGR 12)	7.790E-02	7.790E-02	DCF1(15)
A-1	Pa-233 (Source: FGR 12)	1.020E+00	1.020E+00	DCF1(16)
A-1	Pb-209 (Source: FGR 12)	7.734E-04	7.734E-04	DCF1(17)
A-1	Po-213 (Source: FGR 12)	0.000E+00	0.000E+00	DCF1(18)
A-1	Ra-225 (Source: FGR 12)	1.102E-02	1.102E-02	DCF1(19)
A-1	Sr-90 (Source: FGR 12)	7.043E-04	7.043E-04	DCF1(20)
A-1	Th-229 (Source: FGR 12)	3.213E-01	3.213E-01	DCF1(21)
A-1	Tl-209 (Source: FGR 12)	1.293E+01	1.293E+01	DCF1(22)
A-1	U-233 (Source: FGR 12)	1.397E-03	1.397E-03	DCF1(23)
A-1	Y-90 (Source: FGR 12)	2.391E-02	2.391E-02	DCF1(24)
B-1	Dose conversion factors for inhalation, mrem/pCi:			
B-1	Am-241	4.440E-01	4.440E-01	DCF2(1)
B-1	Cs-137+D	3.190E-05	3.190E-05	DCF2(2)
B-1	Eu-152	2.210E-04	2.210E-04	DCF2(3)
B-1	Eu-154	2.860E-04	2.860E-04	DCF2(5)
B-1	Eu-155	4.140E-05	4.140E-05	DCF2(6)
B-1	Gd-152	2.430E-01	2.430E-01	DCF2(7)
B-1	H-3	6.400E-08	6.400E-08	DCF2(8)
B-1	Na-22	7.660E-06	7.660E-06	DCF2(9)
B-1	Ni-63	6.290E-06	6.290E-06	DCF2(10)
B-1	Np-237+D	5.400E-01	5.400E-01	DCF2(11)
B-1	Sr-90+D	1.308E-03	1.300E-03	DCF2(12)
B-1	Th-229+D	2.169E+00	2.150E+00	DCF2(13)
B-1	U-233	1.350E-01	1.350E-01	DCF2(14)
D-1	Dose conversion factors for ingestion, mrem/pCi:			
D-1	Am-241	3.640E-03	3.640E-03	DCF3(1)
D-1	Cs-137+D	5.000E-05	5.000E-05	DCF3(2)
D-1	Eu-152	6.480E-06	6.480E-06	DCF3(3)
D-1	Eu-154	9.550E-06	9.550E-06	DCF3(5)
D-1	Eu-155	1.530E-06	1.530E-06	DCF3(6)
D-1	Gd-152	1.610E-04	1.610E-04	DCF3(7)
D-1	H-3	6.400E-08	6.400E-08	DCF3(8)
D-1	Na-22	1.150E-05	1.150E-05	DCF3(9)

Dose Conversion Factor (and Related) Parameter Summary (continued)
Dose Library: FGR 11

Menu	Parameter	Current Value#	Base Case*	Parameter Name
D-1	Ni-63	5.770E-07	5.770E-07	DCF3(10)
D-1	Np-237+D	4.444E-03	4.440E-03	DCF3(11)
D-1	Sr-90+D	1.528E-04	1.420E-04	DCF3(12)
D-1	Th-229+D	4.027E-03	3.530E-03	DCF3(13)
D-1	U-233	2.890E-04	2.890E-04	DCF3(14)
D-34	Food transfer factors:			
D-34	Am-241 , plant/soil concentration ratio, dimensionless	1.000E-03	1.000E-03	RTF(1,1)
D-34	Am-241 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	5.000E-05	5.000E-05	RTF(1,2)
D-34	Am-241 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	2.000E-06	2.000E-06	RTF(1,3)
D-34				
D-34	Cs-137+D , plant/soil concentration ratio, dimensionless	4.000E-02	4.000E-02	RTF(2,1)
D-34	Cs-137+D , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	3.000E-02	3.000E-02	RTF(2,2)
D-34	Cs-137+D , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	8.000E-03	8.000E-03	RTF(2,3)
D-34				
D-34	Eu-152 , plant/soil concentration ratio, dimensionless	2.500E-03	2.500E-03	RTF(3,1)
D-34	Eu-152 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	2.000E-03	2.000E-03	RTF(3,2)
D-34	Eu-152 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	5.000E-05	5.000E-05	RTF(3,3)
D-34				
D-34	Eu-154 , plant/soil concentration ratio, dimensionless	2.500E-03	2.500E-03	RTF(5,1)
D-34	Eu-154 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	2.000E-03	2.000E-03	RTF(5,2)
D-34	Eu-154 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	5.000E-05	5.000E-05	RTF(5,3)
D-34				
D-34	Eu-155 , plant/soil concentration ratio, dimensionless	2.500E-03	2.500E-03	RTF(6,1)
D-34	Eu-155 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	2.000E-03	2.000E-03	RTF(6,2)
D-34	Eu-155 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	5.000E-05	5.000E-05	RTF(6,3)
D-34				
D-34	Gd-152 , plant/soil concentration ratio, dimensionless	2.500E-03	2.500E-03	RTF(7,1)
D-34	Gd-152 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	2.000E-03	2.000E-03	RTF(7,2)
D-34	Gd-152 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	2.000E-05	2.000E-05	RTF(7,3)
D-34				
D-34	H-3 , plant/soil concentration ratio, dimensionless	4.800E+00	4.800E+00	RTF(8,1)
D-34	H-3 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	1.200E-02	1.200E-02	RTF(8,2)
D-34	H-3 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	1.000E-02	1.000E-02	RTF(8,3)
D-34				
D-34	Na-22 , plant/soil concentration ratio, dimensionless	5.000E-02	5.000E-02	RTF(9,1)
D-34	Na-22 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	8.000E-02	8.000E-02	RTF(9,2)
D-34	Na-22 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	4.000E-02	4.000E-02	RTF(9,3)
D-34				
D-34	Ni-63 , plant/soil concentration ratio, dimensionless	5.000E-02	5.000E-02	RTF(10,1)
D-34	Ni-63 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	5.000E-03	5.000E-03	RTF(10,2)
D-34	Ni-63 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	2.000E-02	2.000E-02	RTF(10,3)
D-34				
D-34	Np-237+D , plant/soil concentration ratio, dimensionless	2.000E-02	2.000E-02	RTF(11,1)
D-34	Np-237+D , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	1.000E-03	1.000E-03	RTF(11,2)
D-34	Np-237+D , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	5.000E-06	5.000E-06	RTF(11,3)
D-34				
D-34	Sr-90+D , plant/soil concentration ratio, dimensionless	3.000E-01	3.000E-01	RTF(12,1)
D-34	Sr-90+D , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	8.000E-03	8.000E-03	RTF(12,2)
D-34	Sr-90+D , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	2.000E-03	2.000E-03	RTF(12,3)

Dose Conversion Factor (and Related) Parameter Summary (continued)
Dose Library: FGR 11

Menu	Parameter	Current Value#	Base Case*	Parameter Name
D-34	Th-229+D , plant/soil concentration ratio, dimensionless	1.000E-03	1.000E-03	RTF(13,1)
D-34	Th-229+D , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	1.000E-04	1.000E-04	RTF(13,2)
D-34	Th-229+D , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	5.000E-06	5.000E-06	RTF(13,3)
D-34				
D-34	U-233 , plant/soil concentration ratio, dimensionless	2.500E-03	2.500E-03	RTF(14,1)
D-34	U-233 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	3.400E-04	3.400E-04	RTF(14,2)
D-34	U-233 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	6.000E-04	6.000E-04	RTF(14,3)
D-5	Bioaccumulation factors, fresh water, L/kg:			
D-5	Am-241 , fish	3.000E+01	3.000E+01	BIOFAC(1,1)
D-5	Am-241 , crustacea and mollusks	1.000E+03	1.000E+03	BIOFAC(1,2)
D-5				
D-5	Cs-137+D , fish	2.000E+03	2.000E+03	BIOFAC(2,1)
D-5	Cs-137+D , crustacea and mollusks	1.000E+02	1.000E+02	BIOFAC(2,2)
D-5				
D-5	Eu-152 , fish	5.000E+01	5.000E+01	BIOFAC(3,1)
D-5	Eu-152 , crustacea and mollusks	1.000E+03	1.000E+03	BIOFAC(3,2)
D-5				
D-5	Eu-154 , fish	5.000E+01	5.000E+01	BIOFAC(5,1)
D-5	Eu-154 , crustacea and mollusks	1.000E+03	1.000E+03	BIOFAC(5,2)
D-5				
D-5	Eu-155 , fish	5.000E+01	5.000E+01	BIOFAC(6,1)
D-5	Eu-155 , crustacea and mollusks	1.000E+03	1.000E+03	BIOFAC(6,2)
D-5				
D-5	Gd-152 , fish	2.500E+01	2.500E+01	BIOFAC(7,1)
D-5	Gd-152 , crustacea and mollusks	1.000E+03	1.000E+03	BIOFAC(7,2)
D-5				
D-5	H-3 , fish	1.000E+00	1.000E+00	BIOFAC(8,1)
D-5	H-3 , crustacea and mollusks	1.000E+00	1.000E+00	BIOFAC(8,2)
D-5				
D-5	Na-22 , fish	2.000E+01	2.000E+01	BIOFAC(9,1)
D-5	Na-22 , crustacea and mollusks	2.000E+02	2.000E+02	BIOFAC(9,2)
D-5				
D-5	Ni-63 , fish	1.000E+02	1.000E+02	BIOFAC(10,1)
D-5	Ni-63 , crustacea and mollusks	1.000E+02	1.000E+02	BIOFAC(10,2)
D-5				
D-5	Np-237+D , fish	3.000E+01	3.000E+01	BIOFAC(11,1)
D-5	Np-237+D , crustacea and mollusks	4.000E+02	4.000E+02	BIOFAC(11,2)
D-5				
D-5	Sr-90+D , fish	6.000E+01	6.000E+01	BIOFAC(12,1)
D-5	Sr-90+D , crustacea and mollusks	1.000E+02	1.000E+02	BIOFAC(12,2)
D-5				
D-5	Th-229+D , fish	1.000E+02	1.000E+02	BIOFAC(13,1)
D-5	Th-229+D , crustacea and mollusks	5.000E+02	5.000E+02	BIOFAC(13,2)
D-5				
D-5	U-233 , fish	1.000E+01	1.000E+01	BIOFAC(14,1)
D-5	U-233 , crustacea and mollusks	6.000E+01	6.000E+01	BIOFAC(14,2)

#For DCF1(xxx) only, factors are for infinite depth & area. See ETFG table in Ground Pathway of Detailed Report.
*Base Case means Default.Lib w/o Associate Nuclide contributions.

Summary : SU 7B_Residential_Bkgd Subtract
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Site-Specific Parameter Summary

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R011	Area of contaminated zone (m**2)	3.270E+02	1.000E+04	---	AREA
R011	Thickness of contaminated zone (m)	5.000E+00	2.000E+00	---	THICK0
R011	Fraction of contamination that is submerged	0.000E+00	0.000E+00	---	SUBMFRACT
R011	Length parallel to aquifer flow (m)	1.800E+01	1.000E+02	---	LCZPAQ
R011	Basic radiation dose limit (mrem/yr)	2.500E+01	3.000E+01	---	BRDL
R011	Time since placement of material (yr)	0.000E+00	0.000E+00	---	TI
R011	Times for calculations (yr)	1.000E+00	1.000E+00	---	T(2)
R011	Times for calculations (yr)	5.000E+00	3.000E+00	---	T(3)
R011	Times for calculations (yr)	1.000E+01	1.000E+01	---	T(4)
R011	Times for calculations (yr)	5.000E+01	3.000E+01	---	T(5)
R011	Times for calculations (yr)	1.000E+02	1.000E+02	---	T(6)
R011	Times for calculations (yr)	5.000E+02	3.000E+02	---	T(7)
R011	Times for calculations (yr)	1.000E+03	1.000E+03	---	T(8)
R011	Times for calculations (yr)	not used	0.000E+00	---	T(9)
R011	Times for calculations (yr)	not used	0.000E+00	---	T(10)
R012	Initial principal radionuclide (pCi/g): Am-241	3.290E-02	0.000E+00	---	S1(1)
R012	Initial principal radionuclide (pCi/g): Cs-137	8.670E-02	0.000E+00	---	S1(2)
R012	Initial principal radionuclide (pCi/g): Eu-152	7.490E-02	0.000E+00	---	S1(3)
R012	Initial principal radionuclide (pCi/g): Eu-154	3.840E-02	0.000E+00	---	S1(5)
R012	Initial principal radionuclide (pCi/g): Eu-155	1.060E-02	0.000E+00	---	S1(6)
R012	Initial principal radionuclide (pCi/g): Gd-152	7.490E-02	0.000E+00	---	S1(7)
R012	Initial principal radionuclide (pCi/g): H-3	2.298E+00	0.000E+00	---	S1(8)
R012	Initial principal radionuclide (pCi/g): Na-22	1.930E-02	0.000E+00	---	S1(9)
R012	Initial principal radionuclide (pCi/g): Ni-63	3.480E+00	0.000E+00	---	S1(10)
R012	Initial principal radionuclide (pCi/g): Sr-90	1.830E-01	0.000E+00	---	S1(12)
R012	Concentration in groundwater (pCi/L): Am-241	not used	0.000E+00	---	W1(1)
R012	Concentration in groundwater (pCi/L): Cs-137	not used	0.000E+00	---	W1(2)
R012	Concentration in groundwater (pCi/L): Eu-152	not used	0.000E+00	---	W1(3)
R012	Concentration in groundwater (pCi/L): Eu-154	not used	0.000E+00	---	W1(5)
R012	Concentration in groundwater (pCi/L): Eu-155	not used	0.000E+00	---	W1(6)
R012	Concentration in groundwater (pCi/L): Gd-152	not used	0.000E+00	---	W1(7)
R012	Concentration in groundwater (pCi/L): H-3	not used	0.000E+00	---	W1(8)
R012	Concentration in groundwater (pCi/L): Na-22	not used	0.000E+00	---	W1(9)
R012	Concentration in groundwater (pCi/L): Ni-63	not used	0.000E+00	---	W1(10)
R012	Concentration in groundwater (pCi/L): Sr-90	not used	0.000E+00	---	W1(12)
R013	Cover depth (m)	0.000E+00	0.000E+00	---	COVER0
R013	Density of cover material (g/cm**3)	not used	1.500E+00	---	DENSCV
R013	Cover depth erosion rate (m/yr)	not used	1.000E-03	---	VCV
R013	Density of contaminated zone (g/cm**3)	1.660E+00	1.500E+00	---	DENSCZ
R013	Contaminated zone erosion rate (m/yr)	1.000E-03	1.000E-03	---	VCZ
R013	Contaminated zone total porosity	3.300E-01	4.000E-01	---	TPCZ
R013	Contaminated zone field capacity	2.400E-01	2.000E-01	---	FCCZ
R013	Contaminated zone hydraulic conductivity (m/yr)	5.000E+03	1.000E+01	---	HCCZ
R013	Contaminated zone b parameter	4.900E+00	5.300E+00	---	BCZ
R013	Average annual wind speed (m/sec)	6.230E+00	2.000E+00	---	WIND
R013	Humidity in air (g/m**3)	8.000E+00	8.000E+00	---	HUMID
R013	Evapotranspiration coefficient	4.600E-01	5.000E-01	---	EVAPTR
R013	Precipitation (m/yr)	1.230E+00	1.000E+00	---	PRECIP

Summary : SU 7B_Residential_Bkgd Subtract
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Site-Specific Parameter Summary (continued)

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R013	Irrigation (m/yr)	2.600E-01	2.000E-01	---	RI
R013	Irrigation mode	overhead	overhead	---	IDITCH
R013	Runoff coefficient	2.000E-01	2.000E-01	---	RUNOFF
R013	Watershed area for nearby stream or pond (m**2)	1.000E+06	1.000E+06	---	WAREA
R013	Accuracy for water/soil computations	1.000E-03	1.000E-03	---	EPS
R014	Density of saturated zone (g/cm**3)	1.660E+00	1.500E+00	---	DENSAQ
R014	Saturated zone total porosity	3.300E-01	4.000E-01	---	TPSZ
R014	Saturated zone effective porosity	2.400E-01	2.000E-01	---	EPSZ
R014	Saturated zone field capacity	2.000E-01	2.000E-01	---	FCSZ
R014	Saturated zone hydraulic conductivity (m/yr)	2.000E+04	1.000E+02	---	HCSZ
R014	Saturated zone hydraulic gradient	4.800E-03	2.000E-02	---	HGWT
R014	Saturated zone b parameter	4.900E+00	5.300E+00	---	BSZ
R014	Water table drop rate (m/yr)	1.000E-03	1.000E-03	---	VWT
R014	Well pump intake depth (m below water table)	1.800E+01	1.000E+01	---	DWIBWT
R014	Model: Nondispersion (ND) or Mass-Balance (MB)	ND	ND	---	MODEL
R014	Well pumping rate (m**3/yr)	2.500E+02	2.500E+02	---	UW
R015	Number of unsaturated zone strata	1	1	---	NS
R015	Unsat. zone 1, thickness (m)	0.000E+00	4.000E+00	---	H(1)
R015	Unsat. zone 1, soil density (g/cm**3)	1.660E+00	1.500E+00	---	DENSUZ(1)
R015	Unsat. zone 1, total porosity	3.300E-01	4.000E-01	---	TPUZ(1)
R015	Unsat. zone 1, effective porosity	2.400E-01	2.000E-01	---	EPUZ(1)
R015	Unsat. zone 1, field capacity	2.000E-01	2.000E-01	---	FCUZ(1)
R015	Unsat. zone 1, soil-specific b parameter	4.900E+00	5.300E+00	---	BUZ(1)
R015	Unsat. zone 1, hydraulic conductivity (m/yr)	5.000E+03	1.000E+01	---	HCUZ(1)
R016	Distribution coefficients for Am-241				
R016	Contaminated zone (cm**3/g)	2.000E+01	2.000E+01	---	DCNUCC(1)
R016	Unsaturated zone 1 (cm**3/g)	2.000E+01	2.000E+01	---	DCNUCU(1,1)
R016	Saturated zone (cm**3/g)	2.000E+01	2.000E+01	---	DCNUCS(1)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	4.018E-03	ALEACH(1)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(1)
R016	Distribution coefficients for Cs-137				
R016	Contaminated zone (cm**3/g)	4.600E+03	4.600E+03	---	DCNUCC(2)
R016	Unsaturated zone 1 (cm**3/g)	4.600E+03	4.600E+03	---	DCNUCU(2,1)
R016	Saturated zone (cm**3/g)	4.600E+03	4.600E+03	---	DCNUCS(2)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	1.759E-05	ALEACH(2)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(2)
R016	Distribution coefficients for Eu-152				
R016	Contaminated zone (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCC(3)
R016	Unsaturated zone 1 (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCU(3,1)
R016	Saturated zone (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCS(3)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	9.810E-05	ALEACH(3)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(3)

Site-Specific Parameter Summary (continued)

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R016	Distribution coefficients for Eu-154				
R016	Contaminated zone (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCC(5)
R016	Unsaturated zone 1 (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCU(5,1)
R016	Saturated zone (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCS(5)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	9.810E-05	ALEACH(5)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(5)
R016	Distribution coefficients for Eu-155				
R016	Contaminated zone (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCC(6)
R016	Unsaturated zone 1 (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCU(6,1)
R016	Saturated zone (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCS(6)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	9.810E-05	ALEACH(6)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(6)
R016	Distribution coefficients for Gd-152				
R016	Contaminated zone (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCC(7)
R016	Unsaturated zone 1 (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCU(7,1)
R016	Saturated zone (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCS(7)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	9.810E-05	ALEACH(7)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(7)
R016	Distribution coefficients for H-3				
R016	Contaminated zone (cm**3/g)	0.000E+00	0.000E+00	---	DCNUCC(8)
R016	Unsaturated zone 1 (cm**3/g)	0.000E+00	0.000E+00	---	DCNUCU(8,1)
R016	Saturated zone (cm**3/g)	0.000E+00	0.000E+00	---	DCNUCS(8)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	5.598E-01	ALEACH(8)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(8)
R016	Distribution coefficients for Na-22				
R016	Contaminated zone (cm**3/g)	1.000E+01	1.000E+01	---	DCNUCC(9)
R016	Unsaturated zone 1 (cm**3/g)	1.000E+01	1.000E+01	---	DCNUCU(9,1)
R016	Saturated zone (cm**3/g)	1.000E+01	1.000E+01	---	DCNUCS(9)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	7.978E-03	ALEACH(9)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(9)
R016	Distribution coefficients for Ni-63				
R016	Contaminated zone (cm**3/g)	1.000E+03	1.000E+03	---	DCNUCC(10)
R016	Unsaturated zone 1 (cm**3/g)	1.000E+03	1.000E+03	---	DCNUCU(10,1)
R016	Saturated zone (cm**3/g)	1.000E+03	1.000E+03	---	DCNUCS(10)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	8.092E-05	ALEACH(10)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(10)
R016	Distribution coefficients for Sr-90				
R016	Contaminated zone (cm**3/g)	3.000E+01	3.000E+01	---	DCNUCC(12)
R016	Unsaturated zone 1 (cm**3/g)	3.000E+01	3.000E+01	---	DCNUCU(12,1)
R016	Saturated zone (cm**3/g)	3.000E+01	3.000E+01	---	DCNUCS(12)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	2.685E-03	ALEACH(12)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(12)

Site-Specific Parameter Summary (continued)

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R016	Distribution coefficients for daughter Np-237				
R016	Contaminated zone (cm**3/g)	-1.000E+00	-1.000E+00	2.574E+02	DCNUCC(11)
R016	Unsaturated zone 1 (cm**3/g)	-1.000E+00	-1.000E+00	2.574E+02	DCNUCU(11,1)
R016	Saturated zone (cm**3/g)	-1.000E+00	-1.000E+00	2.574E+02	DCNUCS(11)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	3.142E-04	ALEACH(11)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(11)
R016	Distribution coefficients for daughter Th-229				
R016	Contaminated zone (cm**3/g)	6.000E+04	6.000E+04	---	DCNUCC(13)
R016	Unsaturated zone 1 (cm**3/g)	6.000E+04	6.000E+04	---	DCNUCU(13,1)
R016	Saturated zone (cm**3/g)	6.000E+04	6.000E+04	---	DCNUCS(13)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	1.349E-06	ALEACH(13)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(13)
R016	Distribution coefficients for daughter U-233				
R016	Contaminated zone (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCC(14)
R016	Unsaturated zone 1 (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCU(14,1)
R016	Saturated zone (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCS(14)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	1.614E-03	ALEACH(14)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(14)
R017	Inhalation rate (m**3/yr)	7.300E+03	8.400E+03	---	INHALR
R017	Mass loading for inhalation (g/m**3)	1.000E-04	1.000E-04	---	MLINH
R017	Exposure duration	3.000E+01	3.000E+01	---	ED
R017	Shielding factor, inhalation	4.000E-01	4.000E-01	---	SHF3
R017	Shielding factor, external gamma	8.000E-01	7.000E-01	---	SHF1
R017	Fraction of time spent indoors	5.000E-01	5.000E-01	---	FIND
R017	Fraction of time spent outdoors (on site)	2.500E-01	2.500E-01	---	FOTD
R017	Shape factor flag, external gamma	1.000E+00	1.000E+00	>0 shows circular AREA.	FS
R017	Radii of shape factor array (used if FS = -1):				
R017	Outer annular radius (m), ring 1:	not used	5.000E+01	---	RAD_SHAPE(1)
R017	Outer annular radius (m), ring 2:	not used	7.071E+01	---	RAD_SHAPE(2)
R017	Outer annular radius (m), ring 3:	not used	0.000E+00	---	RAD_SHAPE(3)
R017	Outer annular radius (m), ring 4:	not used	0.000E+00	---	RAD_SHAPE(4)
R017	Outer annular radius (m), ring 5:	not used	0.000E+00	---	RAD_SHAPE(5)
R017	Outer annular radius (m), ring 6:	not used	0.000E+00	---	RAD_SHAPE(6)
R017	Outer annular radius (m), ring 7:	not used	0.000E+00	---	RAD_SHAPE(7)
R017	Outer annular radius (m), ring 8:	not used	0.000E+00	---	RAD_SHAPE(8)
R017	Outer annular radius (m), ring 9:	not used	0.000E+00	---	RAD_SHAPE(9)
R017	Outer annular radius (m), ring 10:	not used	0.000E+00	---	RAD_SHAPE(10)
R017	Outer annular radius (m), ring 11:	not used	0.000E+00	---	RAD_SHAPE(11)
R017	Outer annular radius (m), ring 12:	not used	0.000E+00	---	RAD_SHAPE(12)

Site-Specific Parameter Summary (continued)

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R017	Fractions of annular areas within AREA:				
R017	Ring 1	not used	1.000E+00	---	FRACA(1)
R017	Ring 2	not used	2.732E-01	---	FRACA(2)
R017	Ring 3	not used	0.000E+00	---	FRACA(3)
R017	Ring 4	not used	0.000E+00	---	FRACA(4)
R017	Ring 5	not used	0.000E+00	---	FRACA(5)
R017	Ring 6	not used	0.000E+00	---	FRACA(6)
R017	Ring 7	not used	0.000E+00	---	FRACA(7)
R017	Ring 8	not used	0.000E+00	---	FRACA(8)
R017	Ring 9	not used	0.000E+00	---	FRACA(9)
R017	Ring 10	not used	0.000E+00	---	FRACA(10)
R017	Ring 11	not used	0.000E+00	---	FRACA(11)
R017	Ring 12	not used	0.000E+00	---	FRACA(12)
R018	Fruits, vegetables and grain consumption (kg/yr)	1.600E+02	1.600E+02	---	DIET(1)
R018	Leafy vegetable consumption (kg/yr)	1.400E+01	1.400E+01	---	DIET(2)
R018	Milk consumption (L/yr)	not used	9.200E+01	---	DIET(3)
R018	Meat and poultry consumption (kg/yr)	not used	6.300E+01	---	DIET(4)
R018	Fish consumption (kg/yr)	not used	5.400E+00	---	DIET(5)
R018	Other seafood consumption (kg/yr)	not used	9.000E-01	---	DIET(6)
R018	Soil ingestion rate (g/yr)	4.380E+01	3.650E+01	---	SOIL
R018	Drinking water intake (L/yr)	7.000E+02	5.100E+02	---	DWI
R018	Contamination fraction of drinking water	1.000E+00	1.000E+00	---	FDW
R018	Contamination fraction of household water	not used	1.000E+00	---	FHHW
R018	Contamination fraction of livestock water	not used	1.000E+00	---	FLW
R018	Contamination fraction of irrigation water	1.000E+00	1.000E+00	---	FIRW
R018	Contamination fraction of aquatic food	not used	5.000E-01	---	FR9
R018	Contamination fraction of plant food	-1	-1	0.164E+00	FPLANT
R018	Contamination fraction of meat	not used	-1	---	FMEAT
R018	Contamination fraction of milk	not used	-1	---	FMILK
R019	Livestock fodder intake for meat (kg/day)	not used	6.800E+01	---	LFI5
R019	Livestock fodder intake for milk (kg/day)	not used	5.500E+01	---	LFI6
R019	Livestock water intake for meat (L/day)	not used	5.000E+01	---	LWI5
R019	Livestock water intake for milk (L/day)	not used	1.600E+02	---	LWI6
R019	Livestock soil intake (kg/day)	not used	5.000E-01	---	LSI
R019	Mass loading for foliar deposition (g/m**3)	1.000E-05	1.000E-04	---	MLFD
R019	Depth of soil mixing layer (m)	1.500E-01	1.500E-01	---	DM
R019	Depth of roots (m)	9.000E-01	9.000E-01	---	DROOT
R019	Drinking water fraction from ground water	1.000E+00	1.000E+00	---	FGWDW
R019	Household water fraction from ground water	not used	1.000E+00	---	FGWHH
R019	Livestock water fraction from ground water	not used	1.000E+00	---	FGWLW
R019	Irrigation fraction from ground water	1.000E+00	1.000E+00	---	FGWIR
R19B	Wet weight crop yield for Non-Leafy (kg/m**2)	7.000E-01	7.000E-01	---	YV(1)
R19B	Wet weight crop yield for Leafy (kg/m**2)	1.500E+00	1.500E+00	---	YV(2)
R19B	Wet weight crop yield for Fodder (kg/m**2)	not used	1.100E+00	---	YV(3)
R19B	Growing Season for Non-Leafy (years)	1.700E-01	1.700E-01	---	TE(1)
R19B	Growing Season for Leafy (years)	2.500E-01	2.500E-01	---	TE(2)
R19B	Growing Season for Fodder (years)	not used	8.000E-02	---	TE(3)

Summary : SU 7B_Residential_Bkgd Subtract
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Site-Specific Parameter Summary (continued)

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R19B	Translocation Factor for Non-Leafy	1.000E-01	1.000E-01	---	TIV(1)
R19B	Translocation Factor for Leafy	1.000E+00	1.000E+00	---	TIV(2)
R19B	Translocation Factor for Fodder	not used	1.000E+00	---	TIV(3)
R19B	Dry Foliar Interception Fraction for Non-Leafy	2.500E-01	2.500E-01	---	RDRY(1)
R19B	Dry Foliar Interception Fraction for Leafy	2.500E-01	2.500E-01	---	RDRY(2)
R19B	Dry Foliar Interception Fraction for Fodder	not used	2.500E-01	---	RDRY(3)
R19B	Wet Foliar Interception Fraction for Non-Leafy	2.500E-01	2.500E-01	---	RWET(1)
R19B	Wet Foliar Interception Fraction for Leafy	2.500E-01	2.500E-01	---	RWET(2)
R19B	Wet Foliar Interception Fraction for Fodder	not used	2.500E-01	---	RWET(3)
R19B	Weathering Removal Constant for Vegetation	2.000E+01	2.000E+01	---	WLAM
C14	C-12 concentration in water (g/cm**3)	not used	2.000E-05	---	C12WTR
C14	C-12 concentration in contaminated soil (g/g)	not used	3.000E-02	---	C12CZ
C14	Fraction of vegetation carbon from soil	not used	2.000E-02	---	CSOIL
C14	Fraction of vegetation carbon from air	not used	9.800E-01	---	CAIR
C14	C-14 evasion layer thickness in soil (m)	not used	3.000E-01	---	DMC
C14	C-14 evasion flux rate from soil (1/sec)	not used	7.000E-07	---	EVSN
C14	C-12 evasion flux rate from soil (1/sec)	not used	1.000E-10	---	REVSN
C14	Fraction of grain in beef cattle feed	not used	8.000E-01	---	AVFG4
C14	Fraction of grain in milk cow feed	not used	2.000E-01	---	AVFG5
STOR	Storage times of contaminated foodstuffs (days):				
STOR	Fruits, non-leafy vegetables, and grain	1.400E+01	1.400E+01	---	STOR_T(1)
STOR	Leafy vegetables	1.000E+00	1.000E+00	---	STOR_T(2)
STOR	Milk	1.000E+00	1.000E+00	---	STOR_T(3)
STOR	Meat and poultry	2.000E+01	2.000E+01	---	STOR_T(4)
STOR	Fish	7.000E+00	7.000E+00	---	STOR_T(5)
STOR	Crustacea and mollusks	7.000E+00	7.000E+00	---	STOR_T(6)
STOR	Well water	1.000E+00	1.000E+00	---	STOR_T(7)
STOR	Surface water	1.000E+00	1.000E+00	---	STOR_T(8)
STOR	Livestock fodder	4.500E+01	4.500E+01	---	STOR_T(9)
R021	Thickness of building foundation (m)	not used	1.500E-01	---	FLOOR1
R021	Bulk density of building foundation (g/cm**3)	not used	2.400E+00	---	DENSFL
R021	Total porosity of the cover material	not used	4.000E-01	---	TPCV
R021	Total porosity of the building foundation	not used	1.000E-01	---	TPFL
R021	Volumetric water content of the cover material	not used	5.000E-02	---	PH2OCV
R021	Volumetric water content of the foundation	not used	3.000E-02	---	PH2OFL
R021	Diffusion coefficient for radon gas (m/sec):				
R021	in cover material	not used	2.000E-06	---	DIFCV
R021	in foundation material	not used	3.000E-07	---	DIFFL
R021	in contaminated zone soil	not used	2.000E-06	---	DIFCZ
R021	Radon vertical dimension of mixing (m)	not used	2.000E+00	---	HMIX
R021	Average building air exchange rate (1/hr)	not used	5.000E-01	---	REXG
R021	Height of the building (room) (m)	not used	2.500E+00	---	HRM
R021	Building interior area factor	not used	0.000E+00	---	FAI
R021	Building depth below ground surface (m)	not used	-1.000E+00	---	DMFL
R021	Emanating power of Rn-222 gas	not used	2.500E-01	---	EMANA(1)
R021	Emanating power of Rn-220 gas	not used	1.500E-01	---	EMANA(2)
TITL	Number of graphical time points	32	---	---	NPTS

Site-Specific Parameter Summary (continued)

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
TITL	Maximum number of integration points for dose	17	---	---	LYMAX
TITL	Maximum number of integration points for risk	257	---	---	KYMAX

Summary of Pathway Selections

Pathway	User Selection
1 -- external gamma	active
2 -- inhalation (w/o radon)	active
3 -- plant ingestion	active
4 -- meat ingestion	suppressed
5 -- milk ingestion	suppressed
6 -- aquatic foods	suppressed
7 -- drinking water	active
8 -- soil ingestion	active
9 -- radon	suppressed
Find peak pathway doses	suppressed

Summary : SU 7B_Residential_Bkgd Subtract
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Contaminated Zone Dimensions		Initial Soil Concentrations, pCi/g	
Area:	327.00 square meters	Am-241	3.290E-02
Thickness:	5.00 meters	Cs-137	8.670E-02
Cover Depth:	0.00 meters	Eu-152	7.490E-02
		Eu-154	3.840E-02
		Eu-155	1.060E-02
		Gd-152	7.490E-02
		H-3	2.298E+00
		Na-22	1.930E-02
		Ni-63	3.480E+00
		Sr-90	1.830E-01

Total Dose TDOSE(t), mrem/yr
Basic Radiation Dose Limit = 2.500E+01 mrem/yr
Total Mixture Sum M(t) = Fraction of Basic Dose Limit Received at Time (t)

t (years):	0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
TDOSE(t):	1.009E+00	9.368E-01	7.590E-01	6.064E-01	1.715E-01	5.824E-02	3.373E-03	1.264E-03
M(t):	4.036E-02	3.747E-02	3.036E-02	2.426E-02	6.858E-03	2.329E-03	1.349E-04	5.055E-05

Maximum TDOSE(t): 1.009E+00 mrem/yr at t = 0.000E+00 years

Summary : SU 7B_Residential_Bkgd Subtract
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Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 0.000E+00 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Am-241	8.295E-04	0.0008	2.118E-04	0.0002	0.000E+00	0.0000	3.398E-03	0.0034	0.000E+00	0.0000	0.000E+00	0.0000	1.283E-03	0.0013
Cs-137	1.619E-01	0.1604	3.975E-08	0.0000	0.000E+00	0.0000	4.876E-03	0.0048	0.000E+00	0.0000	0.000E+00	0.0000	4.603E-05	0.0000
Eu-152	2.856E-01	0.2830	2.345E-07	0.0000	0.000E+00	0.0000	3.364E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.080E-06	0.0000
Eu-154	1.579E-01	0.1564	1.536E-07	0.0000	0.000E+00	0.0000	2.508E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.788E-06	0.0000
Eu-155	1.047E-03	0.0010	5.955E-09	0.0000	0.000E+00	0.0000	1.076E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.626E-07	0.0000
Gd-152	0.000E+00	0.0000	2.646E-04	0.0003	0.000E+00	0.0000	8.576E-04	0.0008	0.000E+00	0.0000	0.000E+00	0.0000	1.295E-04	0.0001
H-3	0.000E+00	0.0000	6.687E-05	0.0001	0.000E+00	0.0000	1.448E-02	0.0143	0.000E+00	0.0000	0.000E+00	0.0000	9.606E-07	0.0000
Na-22	1.282E-01	0.1271	1.880E-09	0.0000	0.000E+00	0.0000	2.762E-04	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	2.085E-06	0.0000
Ni-63	0.000E+00	0.0000	3.171E-07	0.0000	0.000E+00	0.0000	2.846E-03	0.0028	0.000E+00	0.0000	0.000E+00	0.0000	2.149E-05	0.0000
Sr-90	2.472E-03	0.0025	3.436E-06	0.0000	0.000E+00	0.0000	2.355E-01	0.2334	0.000E+00	0.0000	0.000E+00	0.0000	2.964E-04	0.0003
Total	7.379E-01	0.7313	5.475E-04	0.0005	0.000E+00	0.0000	2.623E-01	0.2600	0.000E+00	0.0000	0.000E+00	0.0000	1.788E-03	0.0018

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 0.000E+00 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Am-241	3.047E-03	0.0030	0.000E+00	0.0000	0.000E+00	0.0000	6.897E-05	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	8.838E-03	0.0088
Cs-137	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.668E-01	0.1653
Eu-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.856E-01	0.2830
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.579E-01	0.1565
Eu-155	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.049E-03	0.0010
Gd-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.252E-03	0.0012
H-3	2.933E-03	0.0029	0.000E+00	0.0000	0.000E+00	0.0000	1.320E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	1.761E-02	0.0175
Na-22	1.897E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.348E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.285E-01	0.1274
Ni-63	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.868E-03	0.0028
Sr-90	3.076E-04	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	7.491E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.386E-01	0.2365
Total	6.307E-03	0.0062	0.000E+00	0.0000	0.000E+00	0.0000	2.089E-04	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	1.009E+00	1.0000

*Sum of all water independent and dependent pathways.

Summary : SU 7B_Residential_Bkgd Subtract
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Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+00 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Am-241	8.249E-04	0.0009	2.106E-04	0.0002	0.000E+00	0.0000	3.379E-03	0.0036	0.000E+00	0.0000	0.000E+00	0.0000	1.276E-03	0.0014
Cs-137	1.582E-01	0.1689	3.885E-08	0.0000	0.000E+00	0.0000	4.765E-03	0.0051	0.000E+00	0.0000	0.000E+00	0.0000	4.498E-05	0.0000
Eu-152	2.711E-01	0.2894	2.226E-07	0.0000	0.000E+00	0.0000	3.193E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.822E-06	0.0000
Eu-154	1.459E-01	0.1557	1.419E-07	0.0000	0.000E+00	0.0000	2.318E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.501E-06	0.0000
Eu-155	9.107E-04	0.0010	5.178E-09	0.0000	0.000E+00	0.0000	9.360E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.414E-07	0.0000
Gd-152	0.000E+00	0.0000	2.646E-04	0.0003	0.000E+00	0.0000	8.575E-04	0.0009	0.000E+00	0.0000	0.000E+00	0.0000	1.295E-04	0.0001
H-3	0.000E+00	0.0000	2.240E-05	0.0000	0.000E+00	0.0000	4.888E-03	0.0052	0.000E+00	0.0000	0.000E+00	0.0000	3.218E-07	0.0000
Na-22	9.745E-02	0.1040	1.429E-09	0.0000	0.000E+00	0.0000	2.099E-04	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	1.585E-06	0.0000
Ni-63	0.000E+00	0.0000	3.148E-07	0.0000	0.000E+00	0.0000	2.825E-03	0.0030	0.000E+00	0.0000	0.000E+00	0.0000	2.133E-05	0.0000
Sr-90	2.408E-03	0.0026	3.346E-06	0.0000	0.000E+00	0.0000	2.294E-01	0.2449	0.000E+00	0.0000	0.000E+00	0.0000	2.887E-04	0.0003
Total	6.767E-01	0.7224	5.017E-04	0.0005	0.000E+00	0.0000	2.464E-01	0.2630	0.000E+00	0.0000	0.000E+00	0.0000	1.770E-03	0.0019

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+00 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Am-241	9.138E-03	0.0098	0.000E+00	0.0000	0.000E+00	0.0000	2.135E-04	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	1.504E-02	0.0161
Cs-137	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.630E-01	0.1740
Eu-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.711E-01	0.2894
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.459E-01	0.1557
Eu-155	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.118E-04	0.0010
Gd-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.252E-03	0.0013
H-3	1.073E-03	0.0011	0.000E+00	0.0000	0.000E+00	0.0000	4.845E-05	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	6.032E-03	0.0064
Na-22	4.494E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.063E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.771E-02	0.1043
Ni-63	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.847E-03	0.0030
Sr-90	9.051E-04	0.0010	0.000E+00	0.0000	0.000E+00	0.0000	2.277E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.330E-01	0.2487
Total	1.116E-02	0.0119	0.000E+00	0.0000	0.000E+00	0.0000	2.857E-04	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	9.368E-01	1.0000

*Sum of all water independent and dependent pathways.

Summary : SU 7B_Residential_Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7B\SU 7B_RESIDENTIAL_BKGD SUBTRACT.RAD

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+00 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Am-241	8.065E-04	0.0011	2.059E-04	0.0003	0.000E+00	0.0000	3.304E-03	0.0044	0.000E+00	0.0000	0.000E+00	0.0000	1.247E-03	0.0016
Cs-137	1.442E-01	0.1900	3.541E-08	0.0000	0.000E+00	0.0000	4.344E-03	0.0057	0.000E+00	0.0000	0.000E+00	0.0000	4.101E-05	0.0001
Eu-152	2.201E-01	0.2900	1.807E-07	0.0000	0.000E+00	0.0000	2.592E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.915E-06	0.0000
Eu-154	1.064E-01	0.1402	1.035E-07	0.0000	0.000E+00	0.0000	1.691E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.554E-06	0.0000
Eu-155	5.205E-04	0.0007	2.959E-09	0.0000	0.000E+00	0.0000	5.350E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.080E-08	0.0000
Gd-152	0.000E+00	0.0000	2.645E-04	0.0003	0.000E+00	0.0000	8.572E-04	0.0011	0.000E+00	0.0000	0.000E+00	0.0000	1.295E-04	0.0002
H-3	0.000E+00	0.0000	2.814E-07	0.0000	0.000E+00	0.0000	6.141E-05	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	4.042E-09	0.0000
Na-22	3.252E-02	0.0428	4.768E-10	0.0000	0.000E+00	0.0000	7.005E-05	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	5.289E-07	0.0000
Ni-63	0.000E+00	0.0000	3.058E-07	0.0000	0.000E+00	0.0000	2.744E-03	0.0036	0.000E+00	0.0000	0.000E+00	0.0000	2.072E-05	0.0000
Sr-90	2.166E-03	0.0029	3.010E-06	0.0000	0.000E+00	0.0000	2.063E-01	0.2718	0.000E+00	0.0000	0.000E+00	0.0000	2.597E-04	0.0003
Total	5.067E-01	0.6677	4.744E-04	0.0006	0.000E+00	0.0000	2.177E-01	0.2869	0.000E+00	0.0000	0.000E+00	0.0000	1.705E-03	0.0022

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+00 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Am-241	2.850E-02	0.0376	0.000E+00	0.0000	0.000E+00	0.0000	6.788E-04	0.0009	0.000E+00	0.0000	0.000E+00	0.0000	3.474E-02	0.0458
Cs-137	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.486E-01	0.1958
Eu-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.201E-01	0.2900
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.064E-01	0.1402
Eu-155	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.212E-04	0.0007
Gd-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.251E-03	0.0016
H-3	1.348E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.088E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.578E-05	0.0001
Na-22	2.399E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.788E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.262E-02	0.0430
Ni-63	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.765E-03	0.0036
Sr-90	3.008E-03	0.0040	0.000E+00	0.0000	0.000E+00	0.0000	7.681E-05	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	2.118E-01	0.2791
Total	3.155E-02	0.0416	0.000E+00	0.0000	0.000E+00	0.0000	7.568E-04	0.0010	0.000E+00	0.0000	0.000E+00	0.0000	7.590E-01	1.0000

*Sum of all water independent and dependent pathways.

Summary : SU 7B_Residential_Bkgd Subtract
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Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+01 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Am-241	7.842E-04	0.0013	2.002E-04	0.0003	0.000E+00	0.0000	3.212E-03	0.0053	0.000E+00	0.0000	0.000E+00	0.0000	1.213E-03	0.0020
Cs-137	1.285E-01	0.2119	3.155E-08	0.0000	0.000E+00	0.0000	3.870E-03	0.0064	0.000E+00	0.0000	0.000E+00	0.0000	3.653E-05	0.0001
Eu-152	1.696E-01	0.2797	1.393E-07	0.0000	0.000E+00	0.0000	1.998E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.017E-06	0.0000
Eu-154	7.174E-02	0.1183	6.979E-08	0.0000	0.000E+00	0.0000	1.140E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.721E-06	0.0000
Eu-155	2.587E-04	0.0004	1.471E-09	0.0000	0.000E+00	0.0000	2.659E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.015E-08	0.0000
Gd-152	0.000E+00	0.0000	2.644E-04	0.0004	0.000E+00	0.0000	8.568E-04	0.0014	0.000E+00	0.0000	0.000E+00	0.0000	1.294E-04	0.0002
H-3	0.000E+00	0.0000	1.178E-09	0.0000	0.000E+00	0.0000	2.572E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.693E-11	0.0000
Na-22	8.248E-03	0.0136	1.209E-10	0.0000	0.000E+00	0.0000	1.777E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.341E-07	0.0000
Ni-63	0.000E+00	0.0000	2.948E-07	0.0000	0.000E+00	0.0000	2.645E-03	0.0044	0.000E+00	0.0000	0.000E+00	0.0000	1.998E-05	0.0000
Sr-90	1.897E-03	0.0031	2.636E-06	0.0000	0.000E+00	0.0000	1.807E-01	0.2980	0.000E+00	0.0000	0.000E+00	0.0000	2.274E-04	0.0004
Total	3.810E-01	0.6283	4.678E-04	0.0008	0.000E+00	0.0000	1.914E-01	0.3156	0.000E+00	0.0000	0.000E+00	0.0000	1.631E-03	0.0027

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+01 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Am-241	2.770E-02	0.0457	0.000E+00	0.0000	0.000E+00	0.0000	6.598E-04	0.0011	0.000E+00	0.0000	0.000E+00	0.0000	3.377E-02	0.0557
Cs-137	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.324E-01	0.2183
Eu-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.696E-01	0.2797
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.175E-02	0.1183
Eu-155	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.590E-04	0.0004
Gd-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.251E-03	0.0021
H-3	5.645E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.550E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.173E-07	0.0000
Na-22	6.084E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.468E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.273E-03	0.0136
Ni-63	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.666E-03	0.0044
Sr-90	3.473E-03	0.0057	0.000E+00	0.0000	0.000E+00	0.0000	8.917E-05	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	1.864E-01	0.3074
Total	3.118E-02	0.0514	0.000E+00	0.0000	0.000E+00	0.0000	7.492E-04	0.0012	0.000E+00	0.0000	0.000E+00	0.0000	6.064E-01	1.0000

*Sum of all water independent and dependent pathways.

Summary : SU 7B_Residential_Bkgd Subtract
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Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+01 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Am-241	6.265E-04	0.0037	1.599E-04	0.0009	0.000E+00	0.0000	2.567E-03	0.0150	0.000E+00	0.0000	0.000E+00	0.0000	9.685E-04	0.0056
Cs-137	5.095E-02	0.2972	1.251E-08	0.0000	0.000E+00	0.0000	1.535E-03	0.0090	0.000E+00	0.0000	0.000E+00	0.0000	1.449E-05	0.0001
Eu-152	2.111E-02	0.1231	1.733E-08	0.0000	0.000E+00	0.0000	2.486E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.755E-07	0.0000
Eu-154	3.060E-03	0.0178	2.977E-09	0.0000	0.000E+00	0.0000	4.862E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.343E-08	0.0000
Eu-155	9.625E-07	0.0000	5.472E-12	0.0000	0.000E+00	0.0000	9.892E-10	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.494E-10	0.0000
Gd-152	0.000E+00	0.0000	2.633E-04	0.0015	0.000E+00	0.0000	8.534E-04	0.0050	0.000E+00	0.0000	0.000E+00	0.0000	1.289E-04	0.0008
H-3	0.000E+00	0.0000	9.359E-29	0.0000	0.000E+00	0.0000	2.043E-26	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Na-22	1.413E-07	0.0000	2.072E-15	0.0000	0.000E+00	0.0000	3.043E-10	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.298E-12	0.0000
Ni-63	0.000E+00	0.0000	2.201E-07	0.0000	0.000E+00	0.0000	1.975E-03	0.0115	0.000E+00	0.0000	0.000E+00	0.0000	1.492E-05	0.0001
Sr-90	6.575E-04	0.0038	9.138E-07	0.0000	0.000E+00	0.0000	6.264E-02	0.3654	0.000E+00	0.0000	0.000E+00	0.0000	7.884E-05	0.0005
Total	7.640E-02	0.4456	4.244E-04	0.0025	0.000E+00	0.0000	6.958E-02	0.4058	0.000E+00	0.0000	0.000E+00	0.0000	1.206E-03	0.0070

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+01 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Am-241	2.208E-02	0.1288	0.000E+00	0.0000	0.000E+00	0.0000	5.259E-04	0.0031	0.000E+00	0.0000	0.000E+00	0.0000	2.693E-02	0.1571
Cs-137	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.250E-02	0.3062
Eu-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.111E-02	0.1231
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.061E-03	0.0179
Eu-155	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.637E-07	0.0000
Gd-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.246E-03	0.0073
H-3	4.495E-27	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.031E-28	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.522E-26	0.0000
Na-22	1.040E-10	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.509E-12	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.417E-07	0.0000
Ni-63	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.991E-03	0.0116
Sr-90	1.202E-03	0.0070	0.000E+00	0.0000	0.000E+00	0.0000	3.085E-05	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	6.461E-02	0.3769
Total	2.328E-02	0.1358	0.000E+00	0.0000	0.000E+00	0.0000	5.568E-04	0.0032	0.000E+00	0.0000	0.000E+00	0.0000	1.715E-01	1.0000

*Sum of all water independent and dependent pathways.

Summary : SU 7B_Residential_Bkgd Subtract
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Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+02 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Am-241	4.733E-04	0.0081	1.207E-04	0.0021	0.000E+00	0.0000	1.939E-03	0.0333	0.000E+00	0.0000	0.000E+00	0.0000	7.312E-04	0.0126
Cs-137	1.603E-02	0.2753	3.937E-09	0.0000	0.000E+00	0.0000	4.830E-04	0.0083	0.000E+00	0.0000	0.000E+00	0.0000	4.559E-06	0.0001
Eu-152	1.560E-03	0.0268	1.281E-09	0.0000	0.000E+00	0.0000	1.838E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.775E-08	0.0000
Eu-154	5.932E-05	0.0010	5.771E-11	0.0000	0.000E+00	0.0000	9.425E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.423E-09	0.0000
Eu-155	8.845E-10	0.0000	5.029E-15	0.0000	0.000E+00	0.0000	9.090E-13	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.373E-13	0.0000
Gd-152	0.000E+00	0.0000	2.621E-04	0.0045	0.000E+00	0.0000	8.493E-04	0.0146	0.000E+00	0.0000	0.000E+00	0.0000	1.283E-04	0.0022
H-3	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Na-22	1.557E-13	0.0000	2.283E-21	0.0000	0.000E+00	0.0000	3.354E-16	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.532E-18	0.0000
Ni-63	0.000E+00	0.0000	1.528E-07	0.0000	0.000E+00	0.0000	1.371E-03	0.0235	0.000E+00	0.0000	0.000E+00	0.0000	1.036E-05	0.0002
Sr-90	1.749E-04	0.0030	2.430E-07	0.0000	0.000E+00	0.0000	1.666E-02	0.2861	0.000E+00	0.0000	0.000E+00	0.0000	2.097E-05	0.0004
Total	1.830E-02	0.3143	3.832E-04	0.0066	0.000E+00	0.0000	2.130E-02	0.3658	0.000E+00	0.0000	0.000E+00	0.0000	8.954E-04	0.0154

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+02 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Am-241	1.663E-02	0.2855	0.000E+00	0.0000	0.000E+00	0.0000	3.961E-04	0.0068	0.000E+00	0.0000	0.000E+00	0.0000	2.029E-02	0.3484
Cs-137	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.652E-02	0.2837
Eu-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.560E-03	0.0268
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.933E-05	0.0010
Eu-155	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.856E-10	0.0000
Gd-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.240E-03	0.0213
H-3	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Na-22	1.143E-16	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.757E-18	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.562E-13	0.0000
Ni-63	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.382E-03	0.0237
Sr-90	3.189E-04	0.0055	0.000E+00	0.0000	0.000E+00	0.0000	8.187E-06	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	1.718E-02	0.2951
Total	1.695E-02	0.2910	0.000E+00	0.0000	0.000E+00	0.0000	4.043E-04	0.0069	0.000E+00	0.0000	0.000E+00	0.0000	5.824E-02	1.0000

*Sum of all water independent and dependent pathways.

Summary : SU 7B_Residential_Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7B\SU 7B_RESIDENTIAL_BKGD SUBTRACT.RAD

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+02 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Am-241	5.090E-05	0.0151	1.276E-05	0.0038	0.000E+00	0.0000	2.085E-04	0.0618	0.000E+00	0.0000	0.000E+00	0.0000	7.725E-05	0.0229
Cs-137	1.543E-06	0.0005	3.788E-13	0.0000	0.000E+00	0.0000	4.646E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.386E-10	0.0000
Eu-152	1.390E-12	0.0000	9.824E-18	0.0000	0.000E+00	0.0000	1.918E-16	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.897E-17	0.0000
Eu-154	1.183E-18	0.0000	1.151E-24	0.0000	0.000E+00	0.0000	1.880E-22	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.839E-23	0.0000
Eu-155	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Gd-152	0.000E+00	0.0000	2.520E-04	0.0747	0.000E+00	0.0000	8.166E-04	0.2421	0.000E+00	0.0000	0.000E+00	0.0000	1.233E-04	0.0366
H-3	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Na-22	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Ni-63	0.000E+00	0.0000	8.238E-09	0.0000	0.000E+00	0.0000	7.392E-05	0.0219	0.000E+00	0.0000	0.000E+00	0.0000	5.582E-07	0.0002
Sr-90	4.378E-09	0.0000	6.085E-12	0.0000	0.000E+00	0.0000	4.171E-07	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	5.249E-10	0.0000
Total	5.245E-05	0.0156	2.647E-04	0.0785	0.000E+00	0.0000	1.099E-03	0.3260	0.000E+00	0.0000	0.000E+00	0.0000	2.011E-04	0.0596

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+02 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Am-241	1.714E-03	0.5082	0.000E+00	0.0000	0.000E+00	0.0000	4.083E-05	0.0121	0.000E+00	0.0000	0.000E+00	0.0000	2.104E-03	0.6239
Cs-137	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.590E-06	0.0005
Eu-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.390E-12	0.0000
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.183E-18	0.0000
Eu-155	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Gd-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.192E-03	0.3534
H-3	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Na-22	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Ni-63	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.449E-05	0.0221
Sr-90	7.809E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.005E-10	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.300E-07	0.0001
Total	1.714E-03	0.5082	0.000E+00	0.0000	0.000E+00	0.0000	4.083E-05	0.0121	0.000E+00	0.0000	0.000E+00	0.0000	3.373E-03	1.0000

*Sum of all water independent and dependent pathways.

Summary : SU 7B_Residential_Bkgd Subtract
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Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+03 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Am-241	3.913E-06	0.0031	7.781E-07	0.0006	0.000E+00	0.0000	1.599E-05	0.0127	0.000E+00	0.0000	0.000E+00	0.0000	4.713E-06	0.0037
Cs-137	1.470E-11	0.0000	3.609E-18	0.0000	0.000E+00	0.0000	4.427E-13	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.179E-15	0.0000
Eu-152	6.764E-24	0.0000	8.267E-18	0.0000	0.000E+00	0.0000	2.679E-17	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.047E-18	0.0000
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Eu-155	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Gd-152	0.000E+00	0.0000	2.399E-04	0.1898	0.000E+00	0.0000	7.775E-04	0.6152	0.000E+00	0.0000	0.000E+00	0.0000	1.174E-04	0.0929
H-3	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Na-22	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Ni-63	0.000E+00	0.0000	2.140E-10	0.0000	0.000E+00	0.0000	1.920E-06	0.0015	0.000E+00	0.0000	0.000E+00	0.0000	1.450E-08	0.0000
Sr-90	7.753E-15	0.0000	1.078E-17	0.0000	0.000E+00	0.0000	7.387E-13	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.296E-16	0.0000
Total	3.913E-06	0.0031	2.407E-04	0.1905	0.000E+00	0.0000	7.954E-04	0.6294	0.000E+00	0.0000	0.000E+00	0.0000	1.222E-04	0.0967

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+03 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Am-241	9.919E-05	0.0785	0.000E+00	0.0000	0.000E+00	0.0000	2.363E-06	0.0019	0.000E+00	0.0000	0.000E+00	0.0000	1.269E-04	0.1005
Cs-137	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.515E-11	0.0000
Eu-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.911E-17	0.0000
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Eu-155	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Gd-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.135E-03	0.8980
H-3	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Na-22	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Ni-63	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.935E-06	0.0015
Sr-90	1.332E-14	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.420E-16	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.610E-13	0.0000
Total	9.919E-05	0.0785	0.000E+00	0.0000	0.000E+00	0.0000	2.363E-06	0.0019	0.000E+00	0.0000	0.000E+00	0.0000	1.264E-03	1.0000

*Sum of all water independent and dependent pathways.

Summary : SU 7B_Residential_Bkgd Subtract
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Dose/Source Ratios Summed Over All Pathways
Parent and Progeny Principal Radionuclide Contributions Indicated

Parent (i)	Product (j)	Thread Fraction	DSR(j,t) At Time in Years (mrem/yr)/(pCi/g) 0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
Am-241	Am-241	1.000E+00	2.686E-01	4.572E-01	1.056E+00	1.027E+00	8.185E-01	6.166E-01	6.380E-02	3.712E-03
Am-241	Np-237+D	1.000E+00	4.962E-07	1.532E-06	5.687E-06	1.078E-05	4.650E-05	8.056E-05	1.598E-04	1.462E-04
Am-241	U-233	1.000E+00	1.485E-14	7.470E-14	9.410E-13	3.968E-12	8.866E-11	3.117E-10	3.206E-09	5.206E-09
Am-241	Th-229+D	1.000E+00	6.427E-17	2.710E-16	4.649E-15	2.899E-14	2.860E-12	2.053E-11	1.309E-09	5.308E-09
Am-241	∑DSR(j)		2.686E-01	4.572E-01	1.056E+00	1.027E+00	8.185E-01	6.167E-01	6.396E-02	3.858E-03
Cs-137+D	Cs-137+D	1.000E+00	1.924E+00	1.880E+00	1.714E+00	1.527E+00	6.055E-01	1.906E-01	1.833E-05	1.747E-10
Eu-152	Eu-152	7.208E-01	2.749E+00	2.609E+00	2.118E+00	1.632E+00	2.032E-01	1.502E-02	1.338E-11	6.510E-23
Eu-152	Eu-152	2.792E-01	1.065E+00	1.011E+00	8.205E-01	6.323E-01	7.869E-02	5.816E-03	5.181E-12	2.522E-23
Eu-152	Gd-152	2.792E-01	1.472E-17	4.315E-17	1.431E-16	2.420E-16	5.316E-16	5.672E-16	5.484E-16	5.221E-16
Eu-152	∑DSR(j)		1.065E+00	1.011E+00	8.205E-01	6.323E-01	7.869E-02	5.816E-03	5.182E-12	5.221E-16
Eu-154	Eu-154	1.000E+00	4.112E+00	3.800E+00	2.772E+00	1.869E+00	7.970E-02	1.545E-03	3.081E-17	2.309E-34
Eu-155	Eu-155	1.000E+00	9.893E-02	8.602E-02	4.917E-02	2.443E-02	9.091E-05	8.355E-08	4.249E-32	0.000E+00
Gd-152	Gd-152	1.000E+00	1.671E-02	1.671E-02	1.670E-02	1.670E-02	1.663E-02	1.655E-02	1.591E-02	1.515E-02
H-3	H-3	1.000E+00	7.663E-03	2.625E-03	3.298E-05	1.381E-07	1.098E-26	0.000E+00	0.000E+00	0.000E+00
Na-22	Na-22	1.000E+00	6.659E+00	5.063E+00	1.690E+00	4.286E-01	7.342E-06	8.091E-12	0.000E+00	0.000E+00
Ni-63	Ni-63	1.000E+00	8.240E-04	8.180E-04	7.945E-04	7.660E-04	5.720E-04	3.971E-04	2.140E-05	5.560E-07
Sr-90+D	Sr-90+D	1.000E+00	1.304E+00	1.273E+00	1.158E+00	1.019E+00	3.531E-01	9.390E-02	2.350E-06	4.159E-12

The DSR includes contributions from associated (half-life ≤ 180 days) daughters.

Summary : SU 7B_Residential_Bkgd Subtract
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Single Radionuclide Soil Guidelines G(i,t) in pCi/g
Basic Radiation Dose Limit = 2.500E+01 mrem/yr

Nuclide (i)	t= 0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
Am-241	9.306E+01	5.468E+01	2.367E+01	2.435E+01	3.054E+01	4.054E+01	3.909E+02	6.479E+03
Cs-137	1.299E+01	1.330E+01	1.459E+01	1.637E+01	4.129E+01	1.312E+02	1.364E+06	1.431E+11
Eu-152	6.556E+00	6.907E+00	8.507E+00	1.104E+01	8.870E+01	1.200E+03	1.347E+12	*1.765E+14
Eu-154	6.080E+00	6.579E+00	9.020E+00	1.338E+01	3.137E+02	1.618E+04	*2.639E+14	*2.639E+14
Eu-155	2.527E+02	2.906E+02	5.085E+02	1.023E+03	2.750E+05	2.992E+08	*4.652E+14	*4.652E+14
Gd-152	*2.179E+01	*2.179E+01	*2.179E+01	*2.179E+01	*2.179E+01	*2.179E+01	*2.179E+01	*2.179E+01
H-3	3.263E+03	9.525E+03	7.581E+05	1.810E+08	*9.597E+15	*9.597E+15	*9.597E+15	*9.597E+15
Na-22	3.754E+00	4.938E+00	1.479E+01	5.833E+01	3.405E+06	3.090E+12	*6.247E+15	*6.247E+15
Ni-63	3.034E+04	3.056E+04	3.147E+04	3.264E+04	4.371E+04	6.296E+04	1.168E+06	4.496E+07
Sr-90	1.917E+01	1.963E+01	2.160E+01	2.454E+01	7.080E+01	2.662E+02	1.064E+07	6.011E+12

*At specific activity limit

Summed Dose/Source Ratios DSR(i,t) in (mrem/yr)/(pCi/g)
and Single Radionuclide Soil Guidelines G(i,t) in pCi/g
at tmin = time of minimum single radionuclide soil guideline
and at tmax = time of maximum total dose = 0.000E+00 years

Nuclide (i)	Initial (pCi/g)	tmin (years)	DSR(i,tmin)	G(i,tmin) (pCi/g)	DSR(i,tmax)	G(i,tmax) (pCi/g)
Am-241	3.290E-02	4.737 ± 0.009	1.058E+00	2.364E+01	2.686E-01	9.306E+01
Cs-137	8.670E-02	0.000E+00	1.924E+00	1.299E+01	1.924E+00	1.299E+01
Eu-152	7.490E-02	0.000E+00	3.813E+00	6.556E+00	3.813E+00	6.556E+00
Eu-154	3.840E-02	0.000E+00	4.112E+00	6.080E+00	4.112E+00	6.080E+00
Eu-155	1.060E-02	0.000E+00	9.893E-02	2.527E+02	9.893E-02	2.527E+02
Gd-152	7.490E-02	0.000E+00	1.671E-02	*2.179E+01	1.671E-02	*2.179E+01
H-3	2.298E+00	0.000E+00	7.663E-03	3.263E+03	7.663E-03	3.263E+03
Na-22	1.930E-02	0.000E+00	6.659E+00	3.754E+00	6.659E+00	3.754E+00
Ni-63	3.480E+00	0.000E+00	8.240E-04	3.034E+04	8.240E-04	3.034E+04
Sr-90	1.830E-01	0.000E+00	1.304E+00	1.917E+01	1.304E+00	1.917E+01

*At specific activity limit

Summary : SU 7B_Residential_Bkgd Subtract
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Individual Nuclide Dose Summed Over All Pathways
Parent Nuclide and Branch Fraction Indicated

Nuclide (j)	Parent (i)	THF(i)	DOSE(j,t), mrem/yr t= 0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
Am-241	Am-241	1.000E+00	8.838E-03	1.504E-02	3.474E-02	3.377E-02	2.693E-02	2.029E-02	2.099E-03	1.221E-04
Np-237	Am-241	1.000E+00	1.632E-08	5.039E-08	1.871E-07	3.548E-07	1.530E-06	2.650E-06	5.259E-06	4.811E-06
U-233	Am-241	1.000E+00	4.887E-16	2.458E-15	3.096E-14	1.305E-13	2.917E-12	1.026E-11	1.055E-10	1.713E-10
Th-229	Am-241	1.000E+00	2.114E-18	8.917E-18	1.530E-16	9.536E-16	9.409E-14	6.755E-13	4.307E-11	1.746E-10
Cs-137	Cs-137	1.000E+00	1.668E-01	1.630E-01	1.486E-01	1.324E-01	5.250E-02	1.652E-02	1.590E-06	1.515E-11
Eu-152	Eu-152	7.208E-01	2.059E-01	1.954E-01	1.587E-01	1.223E-01	1.522E-02	1.125E-03	1.002E-12	4.876E-24
Eu-152	Eu-152	2.792E-01	7.974E-02	7.569E-02	6.146E-02	4.736E-02	5.894E-03	4.356E-04	3.881E-13	1.889E-24
Eu-152	∑DOSE(j)		2.856E-01	2.711E-01	2.201E-01	1.696E-01	2.111E-02	1.560E-03	1.390E-12	6.765E-24
Gd-152	Eu-152	2.792E-01	1.102E-18	3.232E-18	1.072E-17	1.813E-17	3.982E-17	4.249E-17	4.107E-17	3.911E-17
Gd-152	Gd-152	1.000E+00	1.252E-03	1.252E-03	1.251E-03	1.251E-03	1.246E-03	1.240E-03	1.192E-03	1.135E-03
Gd-152	∑DOSE(j)		1.252E-03	1.252E-03	1.251E-03	1.251E-03	1.246E-03	1.240E-03	1.192E-03	1.135E-03
Eu-154	Eu-154	1.000E+00	1.579E-01	1.459E-01	1.064E-01	7.175E-02	3.061E-03	5.933E-05	1.183E-18	0.000E+00
Eu-155	Eu-155	1.000E+00	1.049E-03	9.118E-04	5.212E-04	2.590E-04	9.637E-07	8.856E-10	0.000E+00	0.000E+00
H-3	H-3	1.000E+00	1.761E-02	6.032E-03	7.578E-05	3.173E-07	2.522E-26	0.000E+00	0.000E+00	0.000E+00
Na-22	Na-22	1.000E+00	1.285E-01	9.771E-02	3.262E-02	8.273E-03	1.417E-07	1.562E-13	0.000E+00	0.000E+00
Ni-63	Ni-63	1.000E+00	2.868E-03	2.847E-03	2.765E-03	2.666E-03	1.991E-03	1.382E-03	7.449E-05	1.935E-06
Sr-90	Sr-90	1.000E+00	2.386E-01	2.330E-01	2.118E-01	1.864E-01	6.461E-02	1.718E-02	4.300E-07	7.610E-13

THF(i) is the thread fraction of the parent nuclide.

Summary : SU 7B_Residential_Bkgd Subtract
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Individual Nuclide Soil Concentration
Parent Nuclide and Branch Fraction Indicated

Nuclide (j)	Parent (i)	THF(i)	S(j,t), pCi/g t= 0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
Am-241	Am-241	1.000E+00	3.290E-02	3.272E-02	3.199E-02	3.110E-02	2.484E-02	1.875E-02	1.979E-03	1.191E-04
Np-237	Am-241	1.000E+00	0.000E+00	1.062E-08	5.250E-08	1.035E-07	4.607E-07	8.013E-07	1.595E-06	1.459E-06
U-233	Am-241	1.000E+00	0.000E+00	2.324E-14	5.752E-13	2.272E-12	5.144E-11	1.823E-10	1.912E-09	3.155E-09
Th-229	Am-241	1.000E+00	0.000E+00	7.321E-19	9.081E-17	7.196E-16	8.342E-14	6.087E-13	3.930E-11	1.596E-10
Cs-137	Cs-137	1.000E+00	8.670E-02	8.472E-02	7.723E-02	6.880E-02	2.728E-02	8.587E-03	8.261E-07	7.871E-12
Eu-152	Eu-152	7.208E-01	5.399E-02	5.125E-02	4.161E-02	3.207E-02	3.990E-03	2.949E-04	2.628E-13	1.279E-24
Eu-152	Eu-152	2.792E-01	2.091E-02	1.985E-02	1.612E-02	1.242E-02	1.546E-03	1.142E-04	1.018E-13	4.953E-25
Eu-152	∑S(j):		7.490E-02	7.110E-02	5.772E-02	4.449E-02	5.536E-03	4.092E-04	3.645E-13	1.774E-24
Gd-152	Eu-152	2.792E-01	0.000E+00	1.308E-16	5.906E-16	1.046E-15	2.378E-15	2.542E-15	2.458E-15	2.340E-15
Gd-152	Gd-152	1.000E+00	7.490E-02	7.489E-02	7.486E-02	7.483E-02	7.453E-02	7.417E-02	7.131E-02	6.790E-02
Gd-152	∑S(j):		7.490E-02	7.489E-02	7.486E-02	7.483E-02	7.453E-02	7.417E-02	7.131E-02	6.790E-02
Eu-154	Eu-154	1.000E+00	3.840E-02	3.549E-02	2.589E-02	1.745E-02	7.444E-04	1.443E-05	2.878E-19	2.157E-36
Eu-155	Eu-155	1.000E+00	1.060E-02	9.217E-03	5.268E-03	2.618E-03	9.741E-06	8.951E-09	4.552E-33	0.000E+00
H-3	H-3	1.000E+00	2.298E+00	7.698E-01	9.673E-03	4.052E-05	3.229E-24	0.000E+00	0.000E+00	0.000E+00
Na-22	Na-22	1.000E+00	1.930E-02	1.467E-02	4.895E-03	1.242E-03	2.127E-08	2.344E-14	0.000E+00	0.000E+00
Ni-63	Ni-63	1.000E+00	3.480E+00	3.455E+00	3.355E+00	3.235E+00	2.416E+00	1.677E+00	9.039E-02	2.348E-03
Sr-90	Sr-90	1.000E+00	1.830E-01	1.782E-01	1.603E-01	1.404E-01	4.867E-02	1.294E-02	3.241E-07	5.739E-13

THF(i) is the thread fraction of the parent nuclide.

RESCALC.EXE execution time = 5.77 seconds

Summary : HFBR SU 7C_Industrial_Bkgd Subtract
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Summary : HFBR SU 7C_Industrial_Bkgd Subtract
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Dose Conversion Factor (and Related) Parameter Summary
Dose Library: FGR 11

Menu	Parameter	Current Value#	Base Case*	Parameter Name
A-1	DCF's for external ground radiation, (mrem/yr)/(pCi/g)			
A-1	Ac-225 (Source: FGR 12)	6.371E-02	6.371E-02	DCF1(1)
A-1	Ac-227 (Source: FGR 12)	4.951E-04	4.951E-04	DCF1(2)
A-1	Am-241 (Source: FGR 12)	4.372E-02	4.372E-02	DCF1(3)
A-1	At-217 (Source: FGR 12)	1.773E-03	1.773E-03	DCF1(4)
A-1	Ba-137m (Source: FGR 12)	3.606E+00	3.606E+00	DCF1(5)
A-1	Bi-211 (Source: FGR 12)	2.559E-01	2.559E-01	DCF1(6)
A-1	Bi-213 (Source: FGR 12)	7.660E-01	7.660E-01	DCF1(7)
A-1	Cs-137 (Source: FGR 12)	7.510E-04	7.510E-04	DCF1(8)
A-1	Eu-152 (Source: FGR 12)	7.006E+00	7.006E+00	DCF1(9)
A-1	Eu-154 (Source: FGR 12)	7.678E+00	7.678E+00	DCF1(10)
A-1	Fr-221 (Source: FGR 12)	1.536E-01	1.536E-01	DCF1(11)
A-1	Fr-223 (Source: FGR 12)	1.980E-01	1.980E-01	DCF1(12)
A-1	Gd-152 (Source: FGR 12)	0.000E+00	0.000E+00	DCF1(13)
A-1	Ni-63 (Source: FGR 12)	0.000E+00	0.000E+00	DCF1(14)
A-1	Np-237 (Source: FGR 12)	7.790E-02	7.790E-02	DCF1(15)
A-1	Pa-231 (Source: FGR 12)	1.906E-01	1.906E-01	DCF1(16)
A-1	Pa-233 (Source: FGR 12)	1.020E+00	1.020E+00	DCF1(17)
A-1	Pb-209 (Source: FGR 12)	7.734E-04	7.734E-04	DCF1(18)
A-1	Pb-211 (Source: FGR 12)	3.064E-01	3.064E-01	DCF1(19)
A-1	Po-211 (Source: FGR 12)	4.764E-02	4.764E-02	DCF1(20)
A-1	Po-213 (Source: FGR 12)	0.000E+00	0.000E+00	DCF1(21)
A-1	Po-215 (Source: FGR 12)	1.016E-03	1.016E-03	DCF1(22)
A-1	Pu-241 (Source: FGR 12)	5.904E-06	5.904E-06	DCF1(23)
A-1	Ra-223 (Source: FGR 12)	6.034E-01	6.034E-01	DCF1(24)
A-1	Ra-225 (Source: FGR 12)	1.102E-02	1.102E-02	DCF1(25)
A-1	Rn-219 (Source: FGR 12)	3.083E-01	3.083E-01	DCF1(26)
A-1	Th-227 (Source: FGR 12)	5.212E-01	5.212E-01	DCF1(27)
A-1	Th-229 (Source: FGR 12)	3.213E-01	3.213E-01	DCF1(28)
A-1	Th-231 (Source: FGR 12)	3.643E-02	3.643E-02	DCF1(29)
A-1	Tl-207 (Source: FGR 12)	1.980E-02	1.980E-02	DCF1(30)
A-1	Tl-209 (Source: FGR 12)	1.293E+01	1.293E+01	DCF1(31)
A-1	U-233 (Source: FGR 12)	1.397E-03	1.397E-03	DCF1(32)
A-1	U-235 (Source: FGR 12)	7.211E-01	7.211E-01	DCF1(33)
A-1	U-237 (Source: FGR 12)	5.306E-01	5.306E-01	DCF1(34)
B-1	Dose conversion factors for inhalation, mrem/pCi:			
B-1	Ac-227+D	6.724E+00	6.700E+00	DCF2(1)
B-1	Am-241	4.440E-01	4.440E-01	DCF2(2)
B-1	Cs-137+D	3.190E-05	3.190E-05	DCF2(3)
B-1	Eu-152	2.210E-04	2.210E-04	DCF2(4)
B-1	Eu-154	2.860E-04	2.860E-04	DCF2(6)
B-1	Gd-152	2.430E-01	2.430E-01	DCF2(7)
B-1	Ni-63	6.290E-06	6.290E-06	DCF2(8)
B-1	Np-237+D	5.400E-01	5.400E-01	DCF2(9)
B-1	Pa-231	1.280E+00	1.280E+00	DCF2(10)
B-1	Pu-241	8.250E-03	8.250E-03	DCF2(11)
B-1	Pu-241+D	8.254E-03	8.250E-03	DCF2(12)
B-1	Th-229+D	2.169E+00	2.150E+00	DCF2(13)
B-1	U-233	1.350E-01	1.350E-01	DCF2(14)

Dose Conversion Factor (and Related) Parameter Summary (continued)
Dose Library: FGR 11

Menu	Parameter	Current Value#	Base Case*	Parameter Name
B-1	U-235+D	1.230E-01	1.230E-01	DCF2(15)
D-1	Dose conversion factors for ingestion, mrem/pCi:			
D-1	Ac-227+D	1.480E-02	1.410E-02	DCF3(1)
D-1	Am-241	3.640E-03	3.640E-03	DCF3(2)
D-1	Cs-137+D	5.000E-05	5.000E-05	DCF3(3)
D-1	Eu-152	6.480E-06	6.480E-06	DCF3(4)
D-1	Eu-154	9.550E-06	9.550E-06	DCF3(6)
D-1	Gd-152	1.610E-04	1.610E-04	DCF3(7)
D-1	Ni-63	5.770E-07	5.770E-07	DCF3(8)
D-1	Np-237+D	4.444E-03	4.440E-03	DCF3(9)
D-1	Pa-231	1.060E-02	1.060E-02	DCF3(10)
D-1	Pu-241	6.840E-05	6.840E-05	DCF3(11)
D-1	Pu-241+D	7.157E-05	6.840E-05	DCF3(12)
D-1	Th-229+D	4.027E-03	3.530E-03	DCF3(13)
D-1	U-233	2.890E-04	2.890E-04	DCF3(14)
D-1	U-235+D	2.673E-04	2.660E-04	DCF3(15)
D-34	Food transfer factors:			
D-34	Ac-227+D , plant/soil concentration ratio, dimensionless	2.500E-03	2.500E-03	RTF(1,1)
D-34	Ac-227+D , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	2.000E-05	2.000E-05	RTF(1,2)
D-34	Ac-227+D , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	2.000E-05	2.000E-05	RTF(1,3)
D-34				
D-34	Am-241 , plant/soil concentration ratio, dimensionless	1.000E-03	1.000E-03	RTF(2,1)
D-34	Am-241 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	5.000E-05	5.000E-05	RTF(2,2)
D-34	Am-241 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	2.000E-06	2.000E-06	RTF(2,3)
D-34				
D-34	Cs-137+D , plant/soil concentration ratio, dimensionless	4.000E-02	4.000E-02	RTF(3,1)
D-34	Cs-137+D , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	3.000E-02	3.000E-02	RTF(3,2)
D-34	Cs-137+D , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	8.000E-03	8.000E-03	RTF(3,3)
D-34				
D-34	Eu-152 , plant/soil concentration ratio, dimensionless	2.500E-03	2.500E-03	RTF(4,1)
D-34	Eu-152 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	2.000E-03	2.000E-03	RTF(4,2)
D-34	Eu-152 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	5.000E-05	5.000E-05	RTF(4,3)
D-34				
D-34	Eu-154 , plant/soil concentration ratio, dimensionless	2.500E-03	2.500E-03	RTF(6,1)
D-34	Eu-154 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	2.000E-03	2.000E-03	RTF(6,2)
D-34	Eu-154 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	5.000E-05	5.000E-05	RTF(6,3)
D-34				
D-34	Gd-152 , plant/soil concentration ratio, dimensionless	2.500E-03	2.500E-03	RTF(7,1)
D-34	Gd-152 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	2.000E-03	2.000E-03	RTF(7,2)
D-34	Gd-152 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	2.000E-05	2.000E-05	RTF(7,3)
D-34				
D-34	Ni-63 , plant/soil concentration ratio, dimensionless	5.000E-02	5.000E-02	RTF(8,1)
D-34	Ni-63 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	5.000E-03	5.000E-03	RTF(8,2)
D-34	Ni-63 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	2.000E-02	2.000E-02	RTF(8,3)
D-34				
D-34	Np-237+D , plant/soil concentration ratio, dimensionless	2.000E-02	2.000E-02	RTF(9,1)
D-34	Np-237+D , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	1.000E-03	1.000E-03	RTF(9,2)
D-34	Np-237+D , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	5.000E-06	5.000E-06	RTF(9,3)

Dose Conversion Factor (and Related) Parameter Summary (continued)
Dose Library: FGR 11

Menu	Parameter	Current Value#	Base Case*	Parameter Name
D-34	Pa-231 , plant/soil concentration ratio, dimensionless	1.000E-02	1.000E-02	RTF(10,1)
D-34	Pa-231 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	5.000E-03	5.000E-03	RTF(10,2)
D-34	Pa-231 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	5.000E-06	5.000E-06	RTF(10,3)
D-34				
D-34	Pu-241 , plant/soil concentration ratio, dimensionless	1.000E-03	1.000E-03	RTF(11,1)
D-34	Pu-241 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	1.000E-04	1.000E-04	RTF(11,2)
D-34	Pu-241 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	1.000E-06	1.000E-06	RTF(11,3)
D-34				
D-34	Pu-241+D , plant/soil concentration ratio, dimensionless	1.000E-03	1.000E-03	RTF(12,1)
D-34	Pu-241+D , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	1.000E-04	1.000E-04	RTF(12,2)
D-34	Pu-241+D , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	1.000E-06	1.000E-06	RTF(12,3)
D-34				
D-34	Th-229+D , plant/soil concentration ratio, dimensionless	1.000E-03	1.000E-03	RTF(13,1)
D-34	Th-229+D , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	1.000E-04	1.000E-04	RTF(13,2)
D-34	Th-229+D , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	5.000E-06	5.000E-06	RTF(13,3)
D-34				
D-34	U-233 , plant/soil concentration ratio, dimensionless	2.500E-03	2.500E-03	RTF(14,1)
D-34	U-233 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	3.400E-04	3.400E-04	RTF(14,2)
D-34	U-233 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	6.000E-04	6.000E-04	RTF(14,3)
D-34				
D-34	U-235+D , plant/soil concentration ratio, dimensionless	2.500E-03	2.500E-03	RTF(15,1)
D-34	U-235+D , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	3.400E-04	3.400E-04	RTF(15,2)
D-34	U-235+D , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	6.000E-04	6.000E-04	RTF(15,3)
D-5	Bioaccumulation factors, fresh water, L/kg:			
D-5	Ac-227+D , fish	1.500E+01	1.500E+01	BIOFAC(1,1)
D-5	Ac-227+D , crustacea and mollusks	1.000E+03	1.000E+03	BIOFAC(1,2)
D-5				
D-5	Am-241 , fish	3.000E+01	3.000E+01	BIOFAC(2,1)
D-5	Am-241 , crustacea and mollusks	1.000E+03	1.000E+03	BIOFAC(2,2)
D-5				
D-5	Cs-137+D , fish	2.000E+03	2.000E+03	BIOFAC(3,1)
D-5	Cs-137+D , crustacea and mollusks	1.000E+02	1.000E+02	BIOFAC(3,2)
D-5				
D-5	Eu-152 , fish	5.000E+01	5.000E+01	BIOFAC(4,1)
D-5	Eu-152 , crustacea and mollusks	1.000E+03	1.000E+03	BIOFAC(4,2)
D-5				
D-5	Eu-154 , fish	5.000E+01	5.000E+01	BIOFAC(6,1)
D-5	Eu-154 , crustacea and mollusks	1.000E+03	1.000E+03	BIOFAC(6,2)
D-5				
D-5	Gd-152 , fish	2.500E+01	2.500E+01	BIOFAC(7,1)
D-5	Gd-152 , crustacea and mollusks	1.000E+03	1.000E+03	BIOFAC(7,2)
D-5				
D-5	Ni-63 , fish	1.000E+02	1.000E+02	BIOFAC(8,1)
D-5	Ni-63 , crustacea and mollusks	1.000E+02	1.000E+02	BIOFAC(8,2)
D-5				
D-5	Np-237+D , fish	3.000E+01	3.000E+01	BIOFAC(9,1)
D-5	Np-237+D , crustacea and mollusks	4.000E+02	4.000E+02	BIOFAC(9,2)
D-5				

Dose Conversion Factor (and Related) Parameter Summary (continued)
Dose Library: FGR 11

Menu	Parameter	Current Value#	Base Case*	Parameter Name
D-5	Pa-231 , fish	1.000E+01	1.000E+01	BIOFAC(10,1)
D-5	Pa-231 , crustacea and mollusks	1.100E+02	1.100E+02	BIOFAC(10,2)
D-5				
D-5	Pu-241 , fish	3.000E+01	3.000E+01	BIOFAC(11,1)
D-5	Pu-241 , crustacea and mollusks	1.000E+02	1.000E+02	BIOFAC(11,2)
D-5				
D-5	Pu-241+D , fish	3.000E+01	3.000E+01	BIOFAC(12,1)
D-5	Pu-241+D , crustacea and mollusks	1.000E+02	1.000E+02	BIOFAC(12,2)
D-5				
D-5	Th-229+D , fish	1.000E+02	1.000E+02	BIOFAC(13,1)
D-5	Th-229+D , crustacea and mollusks	5.000E+02	5.000E+02	BIOFAC(13,2)
D-5				
D-5	U-233 , fish	1.000E+01	1.000E+01	BIOFAC(14,1)
D-5	U-233 , crustacea and mollusks	6.000E+01	6.000E+01	BIOFAC(14,2)
D-5				
D-5	U-235+D , fish	1.000E+01	1.000E+01	BIOFAC(15,1)
D-5	U-235+D , crustacea and mollusks	6.000E+01	6.000E+01	BIOFAC(15,2)

#For DCF1(xxx) only, factors are for infinite depth & area. See ETFG table in Ground Pathway of Detailed Report.
*Base Case means Default.Lib w/o Associate Nuclide contributions.

Summary : HFBR SU 7C_Industrial_Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7C\SU 7C_INDUSTRIAL_BKGD SUBTRACT.RAD

Site-Specific Parameter Summary

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R011	Area of contaminated zone (m**2)	1.380E+02	1.000E+04	---	AREA
R011	Thickness of contaminated zone (m)	5.000E+00	2.000E+00	---	THICK0
R011	Fraction of contamination that is submerged	0.000E+00	0.000E+00	---	SUBMFRACT
R011	Length parallel to aquifer flow (m)	1.200E+01	1.000E+02	---	LCZPAQ
R011	Basic radiation dose limit (mrem/yr)	2.500E+01	3.000E+01	---	BRDL
R011	Time since placement of material (yr)	0.000E+00	0.000E+00	---	TI
R011	Times for calculations (yr)	1.000E+00	1.000E+00	---	T(2)
R011	Times for calculations (yr)	5.000E+00	3.000E+00	---	T(3)
R011	Times for calculations (yr)	1.000E+01	1.000E+01	---	T(4)
R011	Times for calculations (yr)	5.000E+01	3.000E+01	---	T(5)
R011	Times for calculations (yr)	1.000E+02	1.000E+02	---	T(6)
R011	Times for calculations (yr)	5.000E+02	3.000E+02	---	T(7)
R011	Times for calculations (yr)	1.000E+03	1.000E+03	---	T(8)
R011	Times for calculations (yr)	not used	0.000E+00	---	T(9)
R011	Times for calculations (yr)	not used	0.000E+00	---	T(10)
R012	Initial principal radionuclide (pCi/g): Ac-227	1.390E-02	0.000E+00	---	S1(1)
R012	Initial principal radionuclide (pCi/g): Am-241	1.670E-02	0.000E+00	---	S1(2)
R012	Initial principal radionuclide (pCi/g): Cs-137	4.990E-02	0.000E+00	---	S1(3)
R012	Initial principal radionuclide (pCi/g): Eu-152	2.780E-02	0.000E+00	---	S1(4)
R012	Initial principal radionuclide (pCi/g): Eu-154	4.560E-02	0.000E+00	---	S1(6)
R012	Initial principal radionuclide (pCi/g): Gd-152	2.780E-02	0.000E+00	---	S1(7)
R012	Initial principal radionuclide (pCi/g): Ni-63	6.250E-01	0.000E+00	---	S1(8)
R012	Initial principal radionuclide (pCi/g): Pa-231	1.390E-02	0.000E+00	---	S1(10)
R012	Initial principal radionuclide (pCi/g): Pu-241	1.540E-01	0.000E+00	---	S1(11)
R012	Initial principal radionuclide (pCi/g): U-235	1.390E-02	0.000E+00	---	S1(15)
R012	Concentration in groundwater (pCi/L): Ac-227	not used	0.000E+00	---	W1(1)
R012	Concentration in groundwater (pCi/L): Am-241	not used	0.000E+00	---	W1(2)
R012	Concentration in groundwater (pCi/L): Cs-137	not used	0.000E+00	---	W1(3)
R012	Concentration in groundwater (pCi/L): Eu-152	not used	0.000E+00	---	W1(4)
R012	Concentration in groundwater (pCi/L): Eu-154	not used	0.000E+00	---	W1(6)
R012	Concentration in groundwater (pCi/L): Gd-152	not used	0.000E+00	---	W1(7)
R012	Concentration in groundwater (pCi/L): Ni-63	not used	0.000E+00	---	W1(8)
R012	Concentration in groundwater (pCi/L): Pa-231	not used	0.000E+00	---	W1(10)
R012	Concentration in groundwater (pCi/L): Pu-241	not used	0.000E+00	---	W1(11)
R012	Concentration in groundwater (pCi/L): U-235	not used	0.000E+00	---	W1(15)
R013	Cover depth (m)	0.000E+00	0.000E+00	---	COVER0
R013	Density of cover material (g/cm**3)	not used	1.500E+00	---	DENSCV
R013	Cover depth erosion rate (m/yr)	not used	1.000E-03	---	VCV
R013	Density of contaminated zone (g/cm**3)	1.660E+00	1.500E+00	---	DENSCZ
R013	Contaminated zone erosion rate (m/yr)	1.000E-03	1.000E-03	---	VCZ
R013	Contaminated zone total porosity	3.300E-01	4.000E-01	---	TPCZ
R013	Contaminated zone field capacity	2.400E-01	2.000E-01	---	FCCZ
R013	Contaminated zone hydraulic conductivity (m/yr)	5.000E+03	1.000E+01	---	HCCZ
R013	Contaminated zone b parameter	4.900E+00	5.300E+00	---	BCZ
R013	Average annual wind speed (m/sec)	6.230E+00	2.000E+00	---	WIND
R013	Humidity in air (g/m**3)	not used	8.000E+00	---	HUMID
R013	Evapotranspiration coefficient	4.600E-01	5.000E-01	---	EVAPTR
R013	Precipitation (m/yr)	1.230E+00	1.000E+00	---	PRECIP

Site-Specific Parameter Summary (continued)

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R013	Irrigation (m/yr)	2.600E-01	2.000E-01	---	RI
R013	Irrigation mode	overhead	overhead	---	IDITCH
R013	Runoff coefficient	2.000E-01	2.000E-01	---	RUNOFF
R013	Watershed area for nearby stream or pond (m**2)	1.000E+06	1.000E+06	---	WAREA
R013	Accuracy for water/soil computations	1.000E-03	1.000E-03	---	EPS
R014	Density of saturated zone (g/cm**3)	1.660E+00	1.500E+00	---	DENSAQ
R014	Saturated zone total porosity	3.300E-01	4.000E-01	---	TPSZ
R014	Saturated zone effective porosity	2.400E-01	2.000E-01	---	EPSZ
R014	Saturated zone field capacity	2.000E-01	2.000E-01	---	FCSZ
R014	Saturated zone hydraulic conductivity (m/yr)	2.000E+04	1.000E+02	---	HCSZ
R014	Saturated zone hydraulic gradient	4.800E-03	2.000E-02	---	HGWT
R014	Saturated zone b parameter	4.900E+00	5.300E+00	---	BSZ
R014	Water table drop rate (m/yr)	1.000E-03	1.000E-03	---	VWT
R014	Well pump intake depth (m below water table)	1.800E+01	1.000E+01	---	DWIBWT
R014	Model: Nondispersion (ND) or Mass-Balance (MB)	ND	ND	---	MODEL
R014	Well pumping rate (m**3/yr)	2.500E+02	2.500E+02	---	UW
R015	Number of unsaturated zone strata	1	1	---	NS
R015	Unsat. zone 1, thickness (m)	0.000E+00	4.000E+00	---	H(1)
R015	Unsat. zone 1, soil density (g/cm**3)	1.660E+00	1.500E+00	---	DENSUZ(1)
R015	Unsat. zone 1, total porosity	3.300E-01	4.000E-01	---	TPUZ(1)
R015	Unsat. zone 1, effective porosity	2.400E-01	2.000E-01	---	EPUZ(1)
R015	Unsat. zone 1, field capacity	2.000E-01	2.000E-01	---	FCUZ(1)
R015	Unsat. zone 1, soil-specific b parameter	4.900E+00	5.300E+00	---	BUZ(1)
R015	Unsat. zone 1, hydraulic conductivity (m/yr)	5.000E+03	1.000E+01	---	HCUZ(1)
R016	Distribution coefficients for Ac-227				
R016	Contaminated zone (cm**3/g)	2.000E+01	2.000E+01	---	DCNUCC(1)
R016	Unsaturated zone 1 (cm**3/g)	2.000E+01	2.000E+01	---	DCNUCU(1,1)
R016	Saturated zone (cm**3/g)	2.000E+01	2.000E+01	---	DCNUCS(1)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	4.018E-03	ALEACH(1)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(1)
R016	Distribution coefficients for Am-241				
R016	Contaminated zone (cm**3/g)	2.000E+01	2.000E+01	---	DCNUCC(2)
R016	Unsaturated zone 1 (cm**3/g)	2.000E+01	2.000E+01	---	DCNUCU(2,1)
R016	Saturated zone (cm**3/g)	2.000E+01	2.000E+01	---	DCNUCS(2)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	4.018E-03	ALEACH(2)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(2)
R016	Distribution coefficients for Cs-137				
R016	Contaminated zone (cm**3/g)	5.300E+02	4.600E+03	---	DCNUCC(3)
R016	Unsaturated zone 1 (cm**3/g)	5.300E+02	4.600E+03	---	DCNUCU(3,1)
R016	Saturated zone (cm**3/g)	5.300E+02	4.600E+03	---	DCNUCS(3)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	1.527E-04	ALEACH(3)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(3)

Site-Specific Parameter Summary (continued)

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R016	Distribution coefficients for Eu-152				
R016	Contaminated zone (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCC(4)
R016	Unsaturated zone 1 (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCU(4,1)
R016	Saturated zone (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCS(4)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	9.810E-05	ALEACH(4)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(4)
R016	Distribution coefficients for Eu-154				
R016	Contaminated zone (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCC(6)
R016	Unsaturated zone 1 (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCU(6,1)
R016	Saturated zone (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCS(6)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	9.810E-05	ALEACH(6)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(6)
R016	Distribution coefficients for Gd-152				
R016	Contaminated zone (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCC(7)
R016	Unsaturated zone 1 (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCU(7,1)
R016	Saturated zone (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCS(7)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	9.810E-05	ALEACH(7)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(7)
R016	Distribution coefficients for Ni-63				
R016	Contaminated zone (cm**3/g)	1.300E+02	1.000E+03	---	DCNUCC(8)
R016	Unsaturated zone 1 (cm**3/g)	1.300E+02	1.000E+03	---	DCNUCU(8,1)
R016	Saturated zone (cm**3/g)	1.300E+02	1.000E+03	---	DCNUCS(8)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	6.219E-04	ALEACH(8)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(8)
R016	Distribution coefficients for Pa-231				
R016	Contaminated zone (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCC(10)
R016	Unsaturated zone 1 (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCU(10,1)
R016	Saturated zone (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCS(10)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	1.614E-03	ALEACH(10)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(10)
R016	Distribution coefficients for Pu-241				
R016	Contaminated zone (cm**3/g)	2.000E+03	2.000E+03	---	DCNUCC(11)
R016	Unsaturated zone 1 (cm**3/g)	2.000E+03	2.000E+03	---	DCNUCU(11,1)
R016	Saturated zone (cm**3/g)	2.000E+03	2.000E+03	---	DCNUCS(11)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	4.046E-05	ALEACH(11)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(11)
R016	Distribution coefficients for U-235				
R016	Contaminated zone (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCC(15)
R016	Unsaturated zone 1 (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCU(15,1)
R016	Saturated zone (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCS(15)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	1.614E-03	ALEACH(15)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(15)

Site-Specific Parameter Summary (continued)

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R016	Distribution coefficients for daughter Np-237				
R016	Contaminated zone (cm**3/g)	-1.000E+00	-1.000E+00	2.574E+02	DCNUCC(9)
R016	Unsaturated zone 1 (cm**3/g)	-1.000E+00	-1.000E+00	2.574E+02	DCNUCU(9,1)
R016	Saturated zone (cm**3/g)	-1.000E+00	-1.000E+00	2.574E+02	DCNUCS(9)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	3.142E-04	ALEACH(9)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(9)
R016	Distribution coefficients for daughter Th-229				
R016	Contaminated zone (cm**3/g)	6.000E+04	6.000E+04	---	DCNUCC(13)
R016	Unsaturated zone 1 (cm**3/g)	6.000E+04	6.000E+04	---	DCNUCU(13,1)
R016	Saturated zone (cm**3/g)	6.000E+04	6.000E+04	---	DCNUCS(13)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	1.349E-06	ALEACH(13)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(13)
R016	Distribution coefficients for daughter U-233				
R016	Contaminated zone (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCC(14)
R016	Unsaturated zone 1 (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCU(14,1)
R016	Saturated zone (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCS(14)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	1.614E-03	ALEACH(14)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(14)
R017	Inhalation rate (m**3/yr)	7.300E+03	8.400E+03	---	INHALR
R017	Mass loading for inhalation (g/m**3)	1.000E-04	1.000E-04	---	MLINH
R017	Exposure duration	3.000E+01	3.000E+01	---	ED
R017	Shielding factor, inhalation	4.000E-01	4.000E-01	---	SHF3
R017	Shielding factor, external gamma	8.000E-01	7.000E-01	---	SHF1
R017	Fraction of time spent indoors	5.000E-01	5.000E-01	---	FIND
R017	Fraction of time spent outdoors (on site)	2.500E-01	2.500E-01	---	FOTD
R017	Shape factor flag, external gamma	1.000E+00	1.000E+00	>0 shows circular AREA.	FS
R017	Radii of shape factor array (used if FS = -1):				
R017	Outer annular radius (m), ring 1:	not used	5.000E+01	---	RAD_SHAPE(1)
R017	Outer annular radius (m), ring 2:	not used	7.071E+01	---	RAD_SHAPE(2)
R017	Outer annular radius (m), ring 3:	not used	0.000E+00	---	RAD_SHAPE(3)
R017	Outer annular radius (m), ring 4:	not used	0.000E+00	---	RAD_SHAPE(4)
R017	Outer annular radius (m), ring 5:	not used	0.000E+00	---	RAD_SHAPE(5)
R017	Outer annular radius (m), ring 6:	not used	0.000E+00	---	RAD_SHAPE(6)
R017	Outer annular radius (m), ring 7:	not used	0.000E+00	---	RAD_SHAPE(7)
R017	Outer annular radius (m), ring 8:	not used	0.000E+00	---	RAD_SHAPE(8)
R017	Outer annular radius (m), ring 9:	not used	0.000E+00	---	RAD_SHAPE(9)
R017	Outer annular radius (m), ring 10:	not used	0.000E+00	---	RAD_SHAPE(10)
R017	Outer annular radius (m), ring 11:	not used	0.000E+00	---	RAD_SHAPE(11)
R017	Outer annular radius (m), ring 12:	not used	0.000E+00	---	RAD_SHAPE(12)

Summary : HFBR SU 7C_Industrial_Bkgd Subtract
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Site-Specific Parameter Summary (continued)

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R017	Fractions of annular areas within AREA:				
R017	Ring 1	not used	1.000E+00	---	FRACA(1)
R017	Ring 2	not used	2.732E-01	---	FRACA(2)
R017	Ring 3	not used	0.000E+00	---	FRACA(3)
R017	Ring 4	not used	0.000E+00	---	FRACA(4)
R017	Ring 5	not used	0.000E+00	---	FRACA(5)
R017	Ring 6	not used	0.000E+00	---	FRACA(6)
R017	Ring 7	not used	0.000E+00	---	FRACA(7)
R017	Ring 8	not used	0.000E+00	---	FRACA(8)
R017	Ring 9	not used	0.000E+00	---	FRACA(9)
R017	Ring 10	not used	0.000E+00	---	FRACA(10)
R017	Ring 11	not used	0.000E+00	---	FRACA(11)
R017	Ring 12	not used	0.000E+00	---	FRACA(12)
R018	Fruits, vegetables and grain consumption (kg/yr)	not used	1.600E+02	---	DIET(1)
R018	Leafy vegetable consumption (kg/yr)	not used	1.400E+01	---	DIET(2)
R018	Milk consumption (L/yr)	not used	9.200E+01	---	DIET(3)
R018	Meat and poultry consumption (kg/yr)	not used	6.300E+01	---	DIET(4)
R018	Fish consumption (kg/yr)	not used	5.400E+00	---	DIET(5)
R018	Other seafood consumption (kg/yr)	not used	9.000E-01	---	DIET(6)
R018	Soil ingestion rate (g/yr)	4.380E+01	3.650E+01	---	SOIL
R018	Drinking water intake (L/yr)	7.000E+02	5.100E+02	---	DWI
R018	Contamination fraction of drinking water	1.000E+00	1.000E+00	---	FDW
R018	Contamination fraction of household water	not used	1.000E+00	---	FHHW
R018	Contamination fraction of livestock water	not used	1.000E+00	---	FLW
R018	Contamination fraction of irrigation water	not used	1.000E+00	---	FIRW
R018	Contamination fraction of aquatic food	not used	5.000E-01	---	FR9
R018	Contamination fraction of plant food	not used	-1	---	FPLANT
R018	Contamination fraction of meat	not used	-1	---	FMEAT
R018	Contamination fraction of milk	not used	-1	---	FMILK
R019	Livestock fodder intake for meat (kg/day)	not used	6.800E+01	---	LFI5
R019	Livestock fodder intake for milk (kg/day)	not used	5.500E+01	---	LFI6
R019	Livestock water intake for meat (L/day)	not used	5.000E+01	---	LWI5
R019	Livestock water intake for milk (L/day)	not used	1.600E+02	---	LWI6
R019	Livestock soil intake (kg/day)	not used	5.000E-01	---	LSI
R019	Mass loading for foliar deposition (g/m**3)	not used	1.000E-04	---	MLFD
R019	Depth of soil mixing layer (m)	1.500E-01	1.500E-01	---	DM
R019	Depth of roots (m)	not used	9.000E-01	---	DROOT
R019	Drinking water fraction from ground water	1.000E+00	1.000E+00	---	FGWDW
R019	Household water fraction from ground water	not used	1.000E+00	---	FGWHH
R019	Livestock water fraction from ground water	not used	1.000E+00	---	FGWLW
R019	Irrigation fraction from ground water	not used	1.000E+00	---	FGWIR
R19B	Wet weight crop yield for Non-Leafy (kg/m**2)	not used	7.000E-01	---	YV(1)
R19B	Wet weight crop yield for Leafy (kg/m**2)	not used	1.500E+00	---	YV(2)
R19B	Wet weight crop yield for Fodder (kg/m**2)	not used	1.100E+00	---	YV(3)
R19B	Growing Season for Non-Leafy (years)	not used	1.700E-01	---	TE(1)
R19B	Growing Season for Leafy (years)	not used	2.500E-01	---	TE(2)
R19B	Growing Season for Fodder (years)	not used	8.000E-02	---	TE(3)

Summary : HFBR SU 7C_Industrial_Bkgd Subtract
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Site-Specific Parameter Summary (continued)

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R19B	Translocation Factor for Non-Leafy	not used	1.000E-01	---	TIV(1)
R19B	Translocation Factor for Leafy	not used	1.000E+00	---	TIV(2)
R19B	Translocation Factor for Fodder	not used	1.000E+00	---	TIV(3)
R19B	Dry Foliar Interception Fraction for Non-Leafy	not used	2.500E-01	---	RDRY(1)
R19B	Dry Foliar Interception Fraction for Leafy	not used	2.500E-01	---	RDRY(2)
R19B	Dry Foliar Interception Fraction for Fodder	not used	2.500E-01	---	RDRY(3)
R19B	Wet Foliar Interception Fraction for Non-Leafy	not used	2.500E-01	---	RWET(1)
R19B	Wet Foliar Interception Fraction for Leafy	not used	2.500E-01	---	RWET(2)
R19B	Wet Foliar Interception Fraction for Fodder	not used	2.500E-01	---	RWET(3)
R19B	Weathering Removal Constant for Vegetation	not used	2.000E+01	---	WLAM
C14	C-12 concentration in water (g/cm**3)	not used	2.000E-05	---	C12WTR
C14	C-12 concentration in contaminated soil (g/g)	not used	3.000E-02	---	C12CZ
C14	Fraction of vegetation carbon from soil	not used	2.000E-02	---	CSOIL
C14	Fraction of vegetation carbon from air	not used	9.800E-01	---	CAIR
C14	C-14 evasion layer thickness in soil (m)	not used	3.000E-01	---	DMC
C14	C-14 evasion flux rate from soil (1/sec)	not used	7.000E-07	---	EVSN
C14	C-12 evasion flux rate from soil (1/sec)	not used	1.000E-10	---	REVSN
C14	Fraction of grain in beef cattle feed	not used	8.000E-01	---	AVFG4
C14	Fraction of grain in milk cow feed	not used	2.000E-01	---	AVFG5
STOR	Storage times of contaminated foodstuffs (days):				
STOR	Fruits, non-leafy vegetables, and grain	1.400E+01	1.400E+01	---	STOR_T(1)
STOR	Leafy vegetables	1.000E+00	1.000E+00	---	STOR_T(2)
STOR	Milk	1.000E+00	1.000E+00	---	STOR_T(3)
STOR	Meat and poultry	2.000E+01	2.000E+01	---	STOR_T(4)
STOR	Fish	7.000E+00	7.000E+00	---	STOR_T(5)
STOR	Crustacea and mollusks	7.000E+00	7.000E+00	---	STOR_T(6)
STOR	Well water	1.000E+00	1.000E+00	---	STOR_T(7)
STOR	Surface water	1.000E+00	1.000E+00	---	STOR_T(8)
STOR	Livestock fodder	4.500E+01	4.500E+01	---	STOR_T(9)
R021	Thickness of building foundation (m)	not used	1.500E-01	---	FLOOR1
R021	Bulk density of building foundation (g/cm**3)	not used	2.400E+00	---	DENSFL
R021	Total porosity of the cover material	not used	4.000E-01	---	TPCV
R021	Total porosity of the building foundation	not used	1.000E-01	---	TPFL
R021	Volumetric water content of the cover material	not used	5.000E-02	---	PH2OCV
R021	Volumetric water content of the foundation	not used	3.000E-02	---	PH2OFL
R021	Diffusion coefficient for radon gas (m/sec):				
R021	in cover material	not used	2.000E-06	---	DIFCV
R021	in foundation material	not used	3.000E-07	---	DIFFL
R021	in contaminated zone soil	not used	2.000E-06	---	DIFCZ
R021	Radon vertical dimension of mixing (m)	not used	2.000E+00	---	HMIX
R021	Average building air exchange rate (1/hr)	not used	5.000E-01	---	REXG
R021	Height of the building (room) (m)	not used	2.500E+00	---	HRM
R021	Building interior area factor	not used	0.000E+00	---	FAI
R021	Building depth below ground surface (m)	not used	-1.000E+00	---	DMFL
R021	Emanating power of Rn-222 gas	not used	2.500E-01	---	EMANA(1)
R021	Emanating power of Rn-220 gas	not used	1.500E-01	---	EMANA(2)
TITL	Number of graphical time points	32	---	---	NPTS

Site-Specific Parameter Summary (continued)

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
TITL	Maximum number of integration points for dose	17	---	---	LYMAX
TITL	Maximum number of integration points for risk	257	---	---	KYMAX

Summary of Pathway Selections

Pathway	User Selection
1 -- external gamma	active
2 -- inhalation (w/o radon)	active
3 -- plant ingestion	suppressed
4 -- meat ingestion	suppressed
5 -- milk ingestion	suppressed
6 -- aquatic foods	suppressed
7 -- drinking water	active
8 -- soil ingestion	active
9 -- radon	suppressed
Find peak pathway doses	suppressed

Summary : HFBR SU 7C_Industrial_Bkgd Subtract
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Contaminated Zone Dimensions		Initial Soil Concentrations, pCi/g	
Area:	138.00 square meters	Ac-227	1.390E-02
Thickness:	5.00 meters	Am-241	1.670E-02
Cover Depth:	0.00 meters	Cs-137	4.990E-02
		Eu-152	2.780E-02
		Eu-154	4.560E-02
		Gd-152	2.780E-02
		Ni-63	6.250E-01
		Pa-231	1.390E-02
		Pu-241	1.540E-01
		U-235	1.390E-02

Total Dose TDOSE(t), mrem/yr
Basic Radiation Dose Limit = 2.500E+01 mrem/yr
Total Mixture Sum M(t) = Fraction of Basic Dose Limit Received at Time (t)

t (years):	0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
TDOSE(t):	3.994E-01	3.933E-01	3.503E-01	2.879E-01	1.097E-01	7.290E-02	2.957E-02	1.265E-02
M(t):	1.597E-02	1.573E-02	1.401E-02	1.152E-02	4.387E-03	2.916E-03	1.183E-03	5.059E-04

Maximum TDOSE(t): 3.994E-01 mrem/yr at t = 0.000E+00 years

Summary : HFBR SU 7C_Industrial_Bkgd Subtract
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Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 0.000E+00 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	1.481E-02	0.0371	1.213E-03	0.0030	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.159E-04	0.0023
Am-241	4.024E-04	0.0010	9.768E-05	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.748E-04	0.0007
Cs-137	8.820E-02	0.2209	2.079E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.118E-05	0.0000
Eu-152	1.003E-01	0.2511	7.908E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.957E-07	0.0000
Eu-154	1.772E-01	0.4438	1.657E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.898E-06	0.0000
Gd-152	0.000E+00	0.0000	8.924E-05	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.029E-05	0.0001
Ni-63	0.000E+00	0.0000	5.173E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.628E-06	0.0000
Pa-231	1.659E-03	0.0042	2.543E-04	0.0006	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.820E-04	0.0017
Pu-241	4.494E-06	0.0000	1.710E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.862E-05	0.0001
U-235	5.777E-03	0.0145	2.257E-05	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.684E-05	0.0000
Total	3.883E-01	0.9724	1.694E-03	0.0042	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.974E-03	0.0049

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 0.000E+00 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	5.129E-03	0.0128	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.206E-02	0.0552
Am-241	1.547E-03	0.0039	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.321E-03	0.0058
Cs-137	4.211E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.821E-02	0.2209
Eu-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.003E-01	0.2511
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.772E-01	0.4438
Gd-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.095E-04	0.0003
Ni-63	1.745E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.855E-06	0.0000
Pa-231	6.485E-04	0.0016	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.243E-03	0.0081
Pu-241	7.317E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.753E-05	0.0002
U-235	1.446E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.831E-03	0.0146
Total	7.346E-03	0.0184	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.994E-01	1.0000

*Sum of all water independent and dependent pathways.

Summary : HFBR SU 7C_Industrial_Bkgd Subtract
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Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+00 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	1.429E-02	0.0363	1.170E-03	0.0030	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.836E-04	0.0022
Am-241	4.002E-04	0.0010	9.713E-05	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.733E-04	0.0007
Cs-137	8.617E-02	0.2191	2.031E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.092E-05	0.0000
Eu-152	9.518E-02	0.2420	7.507E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.553E-07	0.0000
Eu-154	1.638E-01	0.4164	1.531E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.754E-06	0.0000
Gd-152	0.000E+00	0.0000	8.923E-05	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.029E-05	0.0001
Ni-63	0.000E+00	0.0000	5.133E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.616E-06	0.0000
Pa-231	2.119E-03	0.0054	2.917E-04	0.0007	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.096E-04	0.0018
Pu-241	1.008E-05	0.0000	1.770E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.029E-05	0.0001
U-235	5.768E-03	0.0147	2.254E-05	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.683E-05	0.0000
Total	3.677E-01	0.9349	1.689E-03	0.0043	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.969E-03	0.0050

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+00 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	1.497E-02	0.0381	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.131E-02	0.0796
Am-241	4.639E-03	0.0118	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.409E-03	0.0138
Cs-137	1.255E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.618E-02	0.2191
Eu-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.518E-02	0.2420
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.638E-01	0.4164
Gd-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.095E-04	0.0003
Ni-63	5.218E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.189E-06	0.0000
Pa-231	2.245E-03	0.0057	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.365E-03	0.0136
Pu-241	5.067E-05	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.287E-04	0.0003
U-235	4.352E-05	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.851E-03	0.0149
Total	2.195E-02	0.0558	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.933E-01	1.0000

*Sum of all water independent and dependent pathways.

Summary : HFBR SU 7C_Industrial_Bkgd Subtract
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Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+00 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	1.238E-02	0.0353	1.014E-03	0.0029	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.656E-04	0.0022
Am-241	3.913E-04	0.0011	9.497E-05	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.672E-04	0.0008
Cs-137	7.852E-02	0.2241	1.850E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.953E-06	0.0000
Eu-152	7.728E-02	0.2206	6.095E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.133E-07	0.0000
Eu-154	1.195E-01	0.3410	1.117E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.280E-06	0.0000
Gd-152	0.000E+00	0.0000	8.919E-05	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.028E-05	0.0001
Ni-63	0.000E+00	0.0000	4.974E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.566E-06	0.0000
Pa-231	3.794E-03	0.0108	4.282E-04	0.0012	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.094E-04	0.0023
Pu-241	2.959E-05	0.0001	1.976E-05	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.601E-05	0.0002
U-235	5.731E-03	0.0164	2.243E-05	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.678E-05	0.0000
Total	2.976E-01	0.8495	1.669E-03	0.0048	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.949E-03	0.0056

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+00 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	2.755E-02	0.0786	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.170E-02	0.1190
Am-241	9.613E-03	0.0274	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.037E-02	0.0296
Cs-137	4.351E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.853E-02	0.2242
Eu-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.728E-02	0.2206
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.195E-01	0.3410
Gd-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.095E-04	0.0003
Ni-63	1.860E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.476E-06	0.0000
Pa-231	1.130E-02	0.0323	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.633E-02	0.0466
Pu-241	4.977E-04	0.0014	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.030E-04	0.0017
U-235	1.601E-04	0.0005	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.930E-03	0.0169
Total	4.912E-02	0.1402	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.503E-01	1.0000

*Sum of all water independent and dependent pathways.

Summary : HFBR SU 7C_Industrial_Bkgd Subtract
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Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+01 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	1.035E-02	0.0359	8.474E-04	0.0029	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.399E-04	0.0022
Am-241	3.805E-04	0.0013	9.234E-05	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.598E-04	0.0009
Cs-137	6.990E-02	0.2428	1.647E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.860E-06	0.0000
Eu-152	5.956E-02	0.2068	4.697E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.726E-07	0.0000
Eu-154	8.054E-02	0.2797	7.529E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.627E-07	0.0000
Gd-152	0.000E+00	0.0000	8.915E-05	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.027E-05	0.0001
Ni-63	0.000E+00	0.0000	4.783E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.506E-06	0.0000
Pa-231	5.559E-03	0.0193	5.718E-04	0.0020	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.139E-04	0.0032
Pu-241	4.860E-05	0.0002	2.168E-05	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.132E-05	0.0002
U-235	5.685E-03	0.0197	2.230E-05	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.674E-05	0.0001
Total	2.320E-01	0.8058	1.645E-03	0.0057	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.924E-03	0.0067

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+01 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	2.302E-02	0.0799	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.485E-02	0.1210
Am-241	9.345E-03	0.0325	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.008E-02	0.0350
Cs-137	7.438E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.991E-02	0.2428
Eu-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.956E-02	0.2068
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.054E-02	0.2797
Gd-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.094E-04	0.0004
Ni-63	3.422E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.975E-06	0.0000
Pa-231	1.875E-02	0.0651	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.579E-02	0.0896
Pu-241	1.001E-03	0.0035	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.133E-03	0.0039
U-235	2.427E-04	0.0008	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.967E-03	0.0207
Total	5.236E-02	0.1818	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.879E-01	1.0000

*Sum of all water independent and dependent pathways.

Summary : HFBR SU 7C_Industrial_Bkgd Subtract
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Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+01 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	2.466E-03	0.0225	2.020E-04	0.0018	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.525E-04	0.0014
Am-241	3.040E-04	0.0028	7.375E-05	0.0007	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.075E-04	0.0019
Cs-137	2.757E-02	0.2514	6.497E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.495E-06	0.0000
Eu-152	7.411E-03	0.0676	5.845E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.882E-08	0.0000
Eu-154	3.436E-03	0.0313	3.211E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.680E-08	0.0000
Gd-152	0.000E+00	0.0000	8.880E-05	0.0008	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.019E-05	0.0002
Ni-63	0.000E+00	0.0000	3.495E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.100E-06	0.0000
Pa-231	1.193E-02	0.1088	1.086E-03	0.0099	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.272E-03	0.0116
Pu-241	9.344E-05	0.0009	2.411E-05	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.789E-05	0.0006
U-235	5.338E-03	0.0487	2.164E-05	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.663E-05	0.0002
Total	5.855E-02	0.5338	1.496E-03	0.0136	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.741E-03	0.0159

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+01 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	5.476E-03	0.0499	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.296E-03	0.0756
Am-241	7.448E-03	0.0679	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.034E-03	0.0733
Cs-137	1.426E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.757E-02	0.2514
Eu-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.412E-03	0.0676
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.436E-03	0.0313
Gd-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.090E-04	0.0010
Ni-63	6.136E-06	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.272E-06	0.0001
Pa-231	3.246E-02	0.2960	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.675E-02	0.4262
Pu-241	2.247E-03	0.0205	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.433E-03	0.0222
U-235	2.497E-04	0.0023	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.626E-03	0.0513
Total	4.789E-02	0.4366	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.097E-01	1.0000

*Sum of all water independent and dependent pathways.

Summary : HFBR SU 7C_Industrial_Bkgd Subtract
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Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+02 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	4.106E-04	0.0056	3.363E-05	0.0005	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.540E-05	0.0003
Am-241	2.296E-04	0.0031	5.568E-05	0.0008	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.566E-04	0.0021
Cs-137	8.618E-03	0.1182	2.031E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.092E-06	0.0000
Eu-152	5.478E-04	0.0075	4.321E-10	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.347E-09	0.0000
Eu-154	6.660E-05	0.0009	6.226E-11	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.134E-10	0.0000
Gd-152	0.000E+00	0.0000	8.837E-05	0.0012	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.009E-05	0.0003
Ni-63	0.000E+00	0.0000	2.361E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.433E-07	0.0000
Pa-231	1.272E-02	0.1745	1.143E-03	0.0157	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.279E-03	0.0175
Pu-241	7.868E-05	0.0011	1.921E-05	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.406E-05	0.0007
U-235	4.937E-03	0.0677	2.112E-05	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.666E-05	0.0002
Total	2.761E-02	0.3787	1.361E-03	0.0187	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.554E-03	0.0213

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+02 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	9.095E-04	0.0125	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.379E-03	0.0189
Am-241	5.609E-03	0.0769	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.051E-03	0.0830
Cs-137	8.938E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.619E-03	0.1182
Eu-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.478E-04	0.0075
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.660E-05	0.0009
Gd-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.085E-04	0.0015
Ni-63	4.144E-06	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.911E-06	0.0001
Pa-231	3.367E-02	0.4619	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.882E-02	0.6696
Pu-241	1.917E-03	0.0263	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.069E-03	0.0284
U-235	2.641E-04	0.0036	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.238E-03	0.0719
Total	4.238E-02	0.5813	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.290E-02	1.0000

*Sum of all water independent and dependent pathways.

Summary : HFBR SU 7C_Industrial_Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7C\SU 7C_INDUSTRIAL_BKGD SUBTRACT.RAD

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+02 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	2.427E-10	0.0000	1.988E-11	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.501E-11	0.0000
Am-241	2.469E-05	0.0008	5.882E-06	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.655E-05	0.0006
Cs-137	7.855E-07	0.0000	1.851E-13	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.957E-11	0.0000
Eu-152	4.880E-13	0.0000	3.313E-18	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.538E-18	0.0000
Eu-154	1.328E-18	0.0000	1.242E-24	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.423E-23	0.0000
Gd-152	0.000E+00	0.0000	8.497E-05	0.0029	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.932E-05	0.0007
Ni-63	0.000E+00	0.0000	1.025E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.227E-08	0.0000
Pa-231	6.814E-03	0.2304	6.104E-04	0.0206	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.773E-04	0.0229
Pu-241	8.560E-06	0.0003	2.044E-06	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.750E-06	0.0002
U-235	2.646E-03	0.0895	1.625E-05	0.0005	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.448E-05	0.0005
Total	9.495E-03	0.3210	7.195E-04	0.0243	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.335E-04	0.0248

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+02 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	5.251E-10	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.027E-10	0.0000
Am-241	5.782E-04	0.0196	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.253E-04	0.0211
Cs-137	4.300E-11	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.856E-07	0.0000
Eu-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.880E-13	0.0000
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.328E-18	0.0000
Gd-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.043E-04	0.0035
Ni-63	1.789E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.122E-07	0.0000
Pa-231	1.756E-02	0.5938	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.566E-02	0.8678
Pu-241	2.009E-04	0.0068	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.173E-04	0.0073
U-235	2.848E-04	0.0096	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.962E-03	0.1001
Total	1.863E-02	0.6298	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.957E-02	1.0000

*Sum of all water independent and dependent pathways.

Summary : HFBR SU 7C_Industrial_Bkgd Subtract
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Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+03 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	3.979E-18	0.0000	3.259E-19	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.461E-19	0.0000
Am-241	1.895E-06	0.0001	3.588E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.009E-06	0.0001
Cs-137	6.996E-12	0.0000	1.649E-18	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.868E-16	0.0000
Eu-152	2.375E-24	0.0000	2.788E-18	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.338E-19	0.0000
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Gd-152	0.000E+00	0.0000	8.090E-05	0.0064	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.839E-05	0.0015
Ni-63	0.000E+00	0.0000	2.032E-11	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.397E-10	0.0000
Pa-231	3.008E-03	0.2378	2.695E-04	0.0213	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.990E-04	0.0236
Pu-241	6.416E-07	0.0001	1.245E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.503E-07	0.0000
U-235	1.213E-03	0.0959	1.012E-05	0.0008	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.642E-06	0.0008
Total	4.224E-03	0.3339	3.610E-04	0.0285	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.284E-04	0.0260

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+03 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	8.269E-18	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.282E-17	0.0000
Am-241	3.346E-05	0.0026	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.672E-05	0.0029
Cs-137	8.229E-16	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.997E-12	0.0000
Eu-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.422E-18	0.0000
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Gd-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.929E-05	0.0078
Ni-63	3.497E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.157E-09	0.0000
Pa-231	7.488E-03	0.5920	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.107E-02	0.8748
Pu-241	1.163E-05	0.0009	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.274E-05	0.0010
U-235	2.025E-04	0.0160	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.435E-03	0.1134
Total	7.736E-03	0.6116	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.265E-02	1.0000

*Sum of all water independent and dependent pathways.

Summary : HFBR SU 7C_Industrial_Bkgd Subtract
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Dose/Source Ratios Summed Over All Pathways
Parent and Progeny Principal Radionuclide Contributions Indicated

Parent (i)	Product (j)	Thread Fraction	DSR(j,t) At Time in Years (mrem/yr)/(pCi/g) 0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
Ac-227+D	Ac-227+D	1.000E+00	1.587E+00	2.253E+00	3.000E+00	2.507E+00	5.968E-01	9.922E-02	5.775E-08	9.223E-16
Am-241	Am-241	1.000E+00	1.390E-01	3.239E-01	6.208E-01	6.034E-01	4.810E-01	3.623E-01	3.741E-02	2.169E-03
Am-241	Np-237+D	1.000E+00	1.012E-07	3.069E-07	1.160E-06	2.208E-06	9.558E-06	1.653E-05	3.282E-05	3.006E-05
Am-241	U-233	1.000E+00	6.134E-15	2.660E-14	3.864E-13	1.669E-12	3.663E-11	1.273E-10	1.305E-09	2.101E-09
Am-241	Th-229+D	1.000E+00	6.178E-17	2.501E-16	3.897E-15	2.407E-14	2.368E-12	1.698E-11	1.083E-09	4.390E-09
Am-241	∑DSR(j)		1.390E-01	3.239E-01	6.208E-01	6.034E-01	4.810E-01	3.623E-01	3.744E-02	2.199E-03
Cs-137+D	Cs-137+D	1.000E+00	1.768E+00	1.727E+00	1.574E+00	1.401E+00	5.526E-01	1.727E-01	1.574E-05	1.402E-10
Eu-152	Eu-152	7.208E-01	2.600E+00	2.468E+00	2.004E+00	1.544E+00	1.922E-01	1.420E-02	1.265E-11	6.158E-23
Eu-152	Eu-152	2.792E-01	1.007E+00	9.559E-01	7.761E-01	5.981E-01	7.444E-02	5.502E-03	4.901E-12	2.385E-23
Eu-152	Gd-152	2.792E-01	3.469E-18	1.017E-17	3.374E-17	5.706E-17	1.253E-16	1.337E-16	1.293E-16	1.231E-16
Eu-152	∑DSR(j)		1.007E+00	9.559E-01	7.761E-01	5.981E-01	7.444E-02	5.502E-03	4.901E-12	1.231E-16
Eu-154	Eu-154	1.000E+00	3.886E+00	3.592E+00	2.620E+00	1.766E+00	7.534E-02	1.461E-03	2.913E-17	2.183E-34
Gd-152	Gd-152	1.000E+00	3.940E-03	3.939E-03	3.938E-03	3.936E-03	3.920E-03	3.901E-03	3.751E-03	3.572E-03
Ni-63	Ni-63	1.000E+00	2.967E-06	3.502E-06	5.562E-06	7.960E-06	1.163E-05	7.858E-06	3.395E-07	6.651E-09
Pa-231	Pa-231	1.000E+00	2.084E-01	2.909E-01	6.195E-01	8.474E-01	7.928E-01	7.294E-01	3.736E-01	1.607E-01
Pa-231	Ac-227+D	1.000E+00	2.493E-02	9.506E-02	5.553E-01	1.008E+00	2.570E+00	2.783E+00	1.473E+00	6.354E-01
Pa-231	∑DSR(j)		2.333E-01	3.859E-01	1.175E+00	1.855E+00	3.363E+00	3.512E+00	1.846E+00	7.960E-01
Pu-241	Pu-241	1.000E+00	4.123E-04	3.929E-04	3.240E-04	2.547E-04	3.708E-05	3.334E-06	1.426E-14	4.929E-25
Pu-241	Am-241	1.000E+00	8.417E-05	4.364E-04	3.586E-03	7.095E-03	1.576E-02	1.343E-02	1.410E-03	8.173E-05
Pu-241	Np-237+D	1.000E+00	5.335E-11	3.708E-10	4.653E-09	1.581E-08	2.052E-07	4.571E-07	1.089E-06	1.007E-06
Pu-241	U-233	1.000E+00	4.502E-18	3.045E-17	9.741E-16	7.845E-15	6.060E-13	2.942E-12	4.156E-11	6.932E-11
Pu-241	Th-229+D	1.000E+00	4.924E-20	3.126E-19	9.535E-18	9.667E-17	3.207E-14	3.371E-13	3.282E-11	1.408E-10
Pu-241	∑DSR(j)		4.965E-04	8.293E-04	3.910E-03	7.350E-03	1.580E-02	1.343E-02	1.411E-03	8.274E-05
Pu-241+D	Pu-241+D	2.450E-05	6.971E-06	6.643E-06	5.479E-06	4.306E-06	6.269E-07	5.637E-08	2.410E-16	8.334E-27
Pu-241+D	Np-237+D	2.450E-05	2.419E-12	7.107E-12	2.378E-11	4.062E-11	9.517E-11	1.062E-10	9.595E-11	8.209E-11
Pu-241+D	U-233	2.450E-05	2.540E-20	2.021E-19	4.003E-18	2.015E-17	4.716E-16	1.195E-15	4.954E-15	6.409E-15
Pu-241+D	Th-229+D	2.450E-05	1.227E-22	1.816E-21	7.738E-20	5.044E-19	3.708E-17	1.967E-16	5.187E-15	1.602E-14
Pu-241+D	∑DSR(j)		6.971E-06	6.643E-06	5.479E-06	4.306E-06	6.270E-07	5.648E-08	9.596E-11	8.211E-11
U-235+D	U-235+D	1.000E+00	4.195E-01	4.209E-01	4.265E-01	4.290E-01	4.021E-01	3.709E-01	1.943E-01	8.660E-02
U-235+D	Pa-231	1.000E+00	2.350E-06	9.377E-06	7.224E-05	1.883E-04	8.476E-04	1.553E-03	3.977E-03	3.437E-03
U-235+D	Ac-227+D	1.000E+00	1.926E-07	1.557E-06	3.257E-05	1.188E-04	1.751E-03	4.397E-03	1.476E-02	1.319E-02
U-235+D	∑DSR(j)		4.195E-01	4.209E-01	4.266E-01	4.293E-01	4.047E-01	3.769E-01	2.131E-01	1.032E-01

The DSR includes contributions from associated (half-life ≤ 180 days) daughters.

Summary : HFBR SU 7C_Industrial_Bkgd Subtract
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Single Radionuclide Soil Guidelines G(i,t) in pCi/g
Basic Radiation Dose Limit = 2.500E+01 mrem/yr

Nuclide (i)	t= 0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
Ac-227	1.575E+01	1.110E+01	8.333E+00	9.971E+00	4.189E+01	2.520E+02	4.329E+08	*7.232E+13
Am-241	1.798E+02	7.718E+01	4.027E+01	4.143E+01	5.197E+01	6.900E+01	6.677E+02	1.137E+04
Cs-137	1.414E+01	1.448E+01	1.589E+01	1.785E+01	4.524E+01	1.447E+02	1.588E+06	1.783E+11
Eu-152	6.931E+00	7.302E+00	8.993E+00	1.167E+01	9.377E+01	1.269E+03	1.424E+12	*1.765E+14
Eu-154	6.433E+00	6.960E+00	9.542E+00	1.415E+01	3.318E+02	1.712E+04	*2.639E+14	*2.639E+14
Gd-152	*2.179E+01	*2.179E+01	*2.179E+01	*2.179E+01	*2.179E+01	*2.179E+01	*2.179E+01	*2.179E+01
Ni-63	8.425E+06	7.138E+06	4.495E+06	3.141E+06	2.149E+06	3.182E+06	7.365E+07	3.759E+09
Pa-231	1.071E+02	6.478E+01	2.128E+01	1.347E+01	7.434E+00	7.118E+00	1.354E+01	3.141E+01
Pu-241	4.966E+04	2.991E+04	6.384E+03	3.400E+03	1.583E+03	1.861E+03	1.772E+04	3.022E+05
U-235	5.960E+01	5.940E+01	5.860E+01	5.824E+01	6.177E+01	6.634E+01	1.173E+02	2.422E+02

*At specific activity limit

Summed Dose/Source Ratios DSR(i,t) in (mrem/yr)/(pCi/g)
and Single Radionuclide Soil Guidelines G(i,t) in pCi/g
at tmin = time of minimum single radionuclide soil guideline
and at tmax = time of maximum total dose = 0.000E+00 years

Nuclide (i)	Initial (pCi/g)	tmin (years)	DSR(i,tmin)	G(i,tmin) (pCi/g)	DSR(i,tmax)	G(i,tmax) (pCi/g)
Ac-227	1.390E-02	2.912 ± 0.006	3.218E+00	7.768E+00	1.587E+00	1.575E+01
Am-241	1.670E-02	3.162 ± 0.006	6.273E-01	3.986E+01	1.390E-01	1.798E+02
Cs-137	4.990E-02	0.000E+00	1.768E+00	1.414E+01	1.768E+00	1.414E+01
Eu-152	2.780E-02	0.000E+00	3.607E+00	6.931E+00	3.607E+00	6.931E+00
Eu-154	4.560E-02	0.000E+00	3.886E+00	6.433E+00	3.886E+00	6.433E+00
Gd-152	2.780E-02	0.000E+00	3.940E-03	*2.179E+01	3.940E-03	*2.179E+01
Ni-63	6.250E-01	25.40 ± 0.05	1.410E-05	1.773E+06	2.967E-06	8.425E+06
Pa-231	1.390E-02	82.9 ± 0.2	3.538E+00	7.065E+00	2.333E-01	1.071E+02
Pu-241	1.540E-01	51.7 ± 0.1	1.580E-02	1.582E+03	5.034E-04	4.966E+04
U-235	1.390E-02	8.08 ± 0.02	4.305E-01	5.807E+01	4.195E-01	5.960E+01

*At specific activity limit

Summary : HFBR SU 7C_Industrial_Bkgd Subtract
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Individual Nuclide Dose Summed Over All Pathways
Parent Nuclide and Branch Fraction Indicated

Nuclide (j)	Parent (i)	THF(i)	DOSE(j,t), mrem/yr t= 0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
Ac-227	Ac-227	1.000E+00	2.206E-02	3.131E-02	4.170E-02	3.485E-02	8.296E-03	1.379E-03	8.027E-10	1.282E-17
Ac-227	Pa-231	1.000E+00	3.465E-04	1.321E-03	7.719E-03	1.401E-02	3.573E-02	3.868E-02	2.047E-02	8.832E-03
Ac-227	U-235	1.000E+00	2.677E-09	2.165E-08	4.527E-07	1.652E-06	2.434E-05	6.111E-05	2.052E-04	1.834E-04
Ac-227	∑DOSE(j)		2.241E-02	3.264E-02	4.942E-02	4.887E-02	4.405E-02	4.012E-02	2.068E-02	9.015E-03
Am-241	Am-241	1.000E+00	2.321E-03	5.409E-03	1.037E-02	1.008E-02	8.033E-03	6.051E-03	6.248E-04	3.622E-05
Am-241	Pu-241	1.000E+00	1.296E-05	6.720E-05	5.523E-04	1.093E-03	2.427E-03	2.068E-03	2.171E-04	1.259E-05
Am-241	∑DOSE(j)		2.334E-03	5.476E-03	1.092E-02	1.117E-02	1.046E-02	8.119E-03	8.419E-04	4.881E-05
Np-237	Am-241	1.000E+00	1.690E-09	5.125E-09	1.937E-08	3.688E-08	1.596E-07	2.761E-07	5.481E-07	5.021E-07
Np-237	Pu-241	1.000E+00	8.215E-12	5.711E-11	7.165E-10	2.435E-09	3.160E-08	7.040E-08	1.678E-07	1.550E-07
Np-237	Pu-241	2.450E-05	3.726E-13	1.094E-12	3.662E-12	6.256E-12	1.466E-11	1.636E-11	1.478E-11	1.264E-11
Np-237	∑DOSE(j)		1.699E-09	5.183E-09	2.009E-08	3.932E-08	1.912E-07	3.465E-07	7.159E-07	6.571E-07
U-233	Am-241	1.000E+00	1.024E-16	4.442E-16	6.453E-15	2.787E-14	6.117E-13	2.127E-12	2.180E-11	3.509E-11
U-233	Pu-241	1.000E+00	6.933E-19	4.689E-18	1.500E-16	1.208E-15	9.333E-14	4.530E-13	6.401E-12	1.068E-11
U-233	Pu-241	2.450E-05	3.911E-21	3.113E-20	6.165E-19	3.104E-18	7.263E-17	1.840E-16	7.630E-16	9.870E-16
U-233	∑DOSE(j)		1.031E-16	4.489E-16	6.604E-15	2.908E-14	7.051E-13	2.580E-12	2.820E-11	4.576E-11
Th-229	Am-241	1.000E+00	1.032E-18	4.177E-18	6.508E-17	4.020E-16	3.954E-14	2.835E-13	1.808E-11	7.332E-11
Th-229	Pu-241	1.000E+00	7.584E-21	4.814E-20	1.468E-18	1.489E-17	4.939E-15	5.191E-14	5.055E-12	2.169E-11
Th-229	Pu-241	2.450E-05	1.889E-23	2.796E-22	1.192E-20	7.768E-20	5.711E-18	3.030E-17	7.988E-16	2.466E-15
Th-229	∑DOSE(j)		1.039E-18	4.226E-18	6.656E-17	4.170E-16	4.448E-14	3.354E-13	2.314E-11	9.500E-11
Cs-137	Cs-137	1.000E+00	8.821E-02	8.618E-02	7.853E-02	6.991E-02	2.757E-02	8.619E-03	7.856E-07	6.997E-12
Eu-152	Eu-152	7.208E-01	7.228E-02	6.861E-02	5.570E-02	4.293E-02	5.342E-03	3.949E-04	3.518E-13	1.712E-24
Eu-152	Eu-152	2.792E-01	2.800E-02	2.658E-02	2.158E-02	1.663E-02	2.069E-03	1.530E-04	1.363E-13	6.631E-25
Eu-152	∑DOSE(j)		1.003E-01	9.518E-02	7.728E-02	5.956E-02	7.412E-03	5.478E-04	4.880E-13	2.375E-24
Gd-152	Eu-152	2.792E-01	9.645E-20	2.828E-19	9.380E-19	1.586E-18	3.484E-18	3.717E-18	3.594E-18	3.422E-18
Gd-152	Gd-152	1.000E+00	1.095E-04	1.095E-04	1.095E-04	1.094E-04	1.090E-04	1.085E-04	1.043E-04	9.929E-05
Gd-152	∑DOSE(j)		1.095E-04	1.095E-04	1.095E-04	1.094E-04	1.090E-04	1.085E-04	1.043E-04	9.929E-05
Eu-154	Eu-154	1.000E+00	1.772E-01	1.638E-01	1.195E-01	8.054E-02	3.436E-03	6.660E-05	1.328E-18	0.000E+00
Ni-63	Ni-63	1.000E+00	1.855E-06	2.189E-06	3.476E-06	4.975E-06	7.272E-06	4.911E-06	2.122E-07	4.157E-09
Pa-231	Pa-231	1.000E+00	2.897E-03	4.043E-03	8.611E-03	1.178E-02	1.102E-02	1.014E-02	5.192E-03	2.233E-03
Pa-231	U-235	1.000E+00	3.267E-08	1.303E-07	1.004E-06	2.617E-06	1.178E-05	2.158E-05	5.528E-05	4.778E-05
Pa-231	∑DOSE(j)		2.897E-03	4.043E-03	8.612E-03	1.178E-02	1.103E-02	1.016E-02	5.248E-03	2.281E-03
Pu-241	Pu-241	1.000E+00	6.350E-05	6.051E-05	4.990E-05	3.922E-05	5.710E-06	5.135E-07	2.195E-15	7.591E-26
Pu-241	Pu-241	2.450E-05	1.074E-06	1.023E-06	8.437E-07	6.631E-07	9.654E-08	8.681E-09	3.712E-17	1.283E-27
Pu-241	∑DOSE(j)		6.457E-05	6.153E-05	5.075E-05	3.988E-05	5.806E-06	5.221E-07	2.233E-15	7.720E-26
U-235	U-235	1.000E+00	5.831E-03	5.850E-03	5.929E-03	5.963E-03	5.590E-03	5.156E-03	2.701E-03	1.204E-03

THF(i) is the thread fraction of the parent nuclide.

Summary : HFBR SU 7C_Industrial_Bkgd Subtract
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Individual Nuclide Soil Concentration
Parent Nuclide and Branch Fraction Indicated

Nuclide (j)	Parent (i)	THF(i)	S(j,t), pCi/g t= 0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
Ac-227	Ac-227	1.000E+00	1.390E-02	1.341E-02	1.162E-02	9.712E-03	2.315E-03	3.854E-04	2.279E-10	3.735E-18
Ac-227	Pa-231	1.000E+00	0.000E+00	4.343E-04	2.017E-03	3.687E-03	9.763E-03	1.062E-02	5.709E-03	2.521E-03
Ac-227	U-235	1.000E+00	0.000E+00	4.621E-09	1.097E-07	4.122E-07	6.573E-06	1.668E-05	5.716E-05	5.231E-05
Ac-227	∑S(j):		1.390E-02	1.384E-02	1.364E-02	1.340E-02	1.208E-02	1.102E-02	5.767E-03	2.573E-03
Am-241	Am-241	1.000E+00	1.670E-02	1.661E-02	1.624E-02	1.579E-02	1.261E-02	9.519E-03	1.005E-03	6.044E-05
Am-241	Pu-241	1.000E+00	0.000E+00	2.404E-04	1.082E-03	1.902E-03	3.860E-03	3.261E-03	3.492E-04	2.101E-05
Am-241	∑S(j):		1.670E-02	1.685E-02	1.732E-02	1.769E-02	1.647E-02	1.278E-02	1.354E-03	8.145E-05
Np-237	Am-241	1.000E+00	0.000E+00	5.393E-09	2.665E-08	5.252E-08	2.338E-07	4.067E-07	8.096E-07	7.405E-07
Np-237	Pu-241	1.000E+00	0.000E+00	3.928E-11	9.150E-10	3.358E-09	4.613E-08	1.036E-07	2.478E-07	2.287E-07
Np-237	Pu-241	2.450E-05	0.000E+00	1.193E-12	5.426E-12	9.681E-12	2.284E-11	2.454E-11	2.182E-11	1.864E-11
Np-237	∑S(j):		0.000E+00	5.434E-09	2.757E-08	5.588E-08	2.800E-07	5.104E-07	1.057E-06	9.692E-07
U-233	Am-241	1.000E+00	0.000E+00	1.180E-14	2.920E-13	1.153E-12	2.611E-11	9.252E-11	9.703E-10	1.602E-09
U-233	Pu-241	1.000E+00	0.000E+00	5.750E-17	6.804E-15	5.092E-14	3.961E-12	1.966E-11	2.850E-10	4.873E-10
U-233	Pu-241	2.450E-05	0.000E+00	2.628E-18	6.155E-17	2.275E-16	3.324E-15	8.124E-15	3.398E-14	4.508E-14
U-233	∑S(j):		0.000E+00	1.186E-14	2.989E-13	1.205E-12	3.008E-11	1.122E-10	1.255E-09	2.089E-09
Th-229	Am-241	1.000E+00	0.000E+00	3.716E-19	4.610E-17	3.653E-16	4.235E-14	3.090E-13	1.995E-11	8.100E-11
Th-229	Pu-241	1.000E+00	0.000E+00	1.361E-21	8.142E-19	1.235E-17	5.245E-15	5.643E-14	5.576E-12	2.396E-11
Th-229	Pu-241	2.450E-05	0.000E+00	8.307E-23	9.885E-21	7.450E-20	6.157E-18	3.312E-17	8.818E-16	2.726E-15
Th-229	∑S(j):		0.000E+00	3.730E-19	4.692E-17	3.777E-16	4.760E-14	3.654E-13	2.553E-11	1.050E-10
Cs-137	Cs-137	1.000E+00	4.990E-02	4.875E-02	4.442E-02	3.955E-02	1.560E-02	4.876E-03	4.444E-07	3.958E-12
Eu-152	Eu-152	7.208E-01	2.004E-02	1.902E-02	1.544E-02	1.190E-02	1.481E-03	1.095E-04	9.752E-14	4.746E-25
Eu-152	Eu-152	2.792E-01	7.762E-03	7.368E-03	5.982E-03	4.610E-03	5.737E-04	4.240E-05	3.778E-14	1.838E-25
Eu-152	∑S(j):		2.780E-02	2.639E-02	2.142E-02	1.651E-02	2.055E-03	1.519E-04	1.353E-13	6.585E-25
Gd-152	Eu-152	2.792E-01	0.000E+00	4.854E-17	2.192E-16	3.881E-16	8.825E-16	9.434E-16	9.121E-16	8.685E-16
Gd-152	Gd-152	1.000E+00	2.780E-02	2.780E-02	2.779E-02	2.777E-02	2.766E-02	2.753E-02	2.647E-02	2.520E-02
Gd-152	∑S(j):		2.780E-02	2.780E-02	2.779E-02	2.777E-02	2.766E-02	2.753E-02	2.647E-02	2.520E-02
Eu-154	Eu-154	1.000E+00	4.560E-02	4.214E-02	3.074E-02	2.072E-02	8.840E-04	1.714E-05	3.417E-19	2.561E-36
Ni-63	Ni-63	1.000E+00	6.250E-01	6.201E-01	6.010E-01	5.779E-01	4.223E-01	2.853E-01	1.239E-02	2.455E-04
Pa-231	Pa-231	1.000E+00	1.390E-02	1.388E-02	1.379E-02	1.367E-02	1.281E-02	1.180E-02	6.137E-03	2.709E-03
Pa-231	U-235	1.000E+00	0.000E+00	2.936E-07	1.459E-06	2.894E-06	1.356E-05	2.500E-05	6.527E-05	5.794E-05
Pa-231	∑S(j):		1.390E-02	1.388E-02	1.379E-02	1.368E-02	1.282E-02	1.183E-02	6.202E-03	2.767E-03
Pu-241	Pu-241	1.000E+00	1.540E-01	1.468E-01	1.210E-01	9.512E-02	1.385E-02	1.245E-03	5.325E-12	1.841E-22
Pu-241	Pu-241	2.450E-05	3.773E-06	3.596E-06	2.965E-06	2.331E-06	3.393E-07	3.051E-08	1.305E-16	4.511E-27
Pu-241	∑S(j):		1.540E-01	1.468E-01	1.210E-01	9.513E-02	1.385E-02	1.245E-03	5.325E-12	1.841E-22
U-235	U-235	1.000E+00	1.390E-02	1.388E-02	1.379E-02	1.368E-02	1.282E-02	1.183E-02	6.202E-03	2.767E-03

THF(i) is the thread fraction of the parent nuclide.

RESCALC.EXE execution time = 24.37 seconds

Summary : HFBR SU 7C_Residential_Bkgd Subtract
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Dose Conversion Factor (and Related) Parameter Summary
Dose Library: FGR 11

Menu	Parameter	Current Value#	Base Case*	Parameter Name
A-1	DCF's for external ground radiation, (mrem/yr)/(pCi/g)			
A-1	Ac-225 (Source: FGR 12)	6.371E-02	6.371E-02	DCF1(1)
A-1	Ac-227 (Source: FGR 12)	4.951E-04	4.951E-04	DCF1(2)
A-1	Am-241 (Source: FGR 12)	4.372E-02	4.372E-02	DCF1(3)
A-1	At-217 (Source: FGR 12)	1.773E-03	1.773E-03	DCF1(4)
A-1	Ba-137m (Source: FGR 12)	3.606E+00	3.606E+00	DCF1(5)
A-1	Bi-211 (Source: FGR 12)	2.559E-01	2.559E-01	DCF1(6)
A-1	Bi-213 (Source: FGR 12)	7.660E-01	7.660E-01	DCF1(7)
A-1	Cs-137 (Source: FGR 12)	7.510E-04	7.510E-04	DCF1(8)
A-1	Eu-152 (Source: FGR 12)	7.006E+00	7.006E+00	DCF1(9)
A-1	Eu-154 (Source: FGR 12)	7.678E+00	7.678E+00	DCF1(10)
A-1	Fr-221 (Source: FGR 12)	1.536E-01	1.536E-01	DCF1(11)
A-1	Fr-223 (Source: FGR 12)	1.980E-01	1.980E-01	DCF1(12)
A-1	Gd-152 (Source: FGR 12)	0.000E+00	0.000E+00	DCF1(13)
A-1	Ni-63 (Source: FGR 12)	0.000E+00	0.000E+00	DCF1(14)
A-1	Np-237 (Source: FGR 12)	7.790E-02	7.790E-02	DCF1(15)
A-1	Pa-231 (Source: FGR 12)	1.906E-01	1.906E-01	DCF1(16)
A-1	Pa-233 (Source: FGR 12)	1.020E+00	1.020E+00	DCF1(17)
A-1	Pb-209 (Source: FGR 12)	7.734E-04	7.734E-04	DCF1(18)
A-1	Pb-211 (Source: FGR 12)	3.064E-01	3.064E-01	DCF1(19)
A-1	Po-211 (Source: FGR 12)	4.764E-02	4.764E-02	DCF1(20)
A-1	Po-213 (Source: FGR 12)	0.000E+00	0.000E+00	DCF1(21)
A-1	Po-215 (Source: FGR 12)	1.016E-03	1.016E-03	DCF1(22)
A-1	Pu-241 (Source: FGR 12)	5.904E-06	5.904E-06	DCF1(23)
A-1	Ra-223 (Source: FGR 12)	6.034E-01	6.034E-01	DCF1(24)
A-1	Ra-225 (Source: FGR 12)	1.102E-02	1.102E-02	DCF1(25)
A-1	Rn-219 (Source: FGR 12)	3.083E-01	3.083E-01	DCF1(26)
A-1	Th-227 (Source: FGR 12)	5.212E-01	5.212E-01	DCF1(27)
A-1	Th-229 (Source: FGR 12)	3.213E-01	3.213E-01	DCF1(28)
A-1	Th-231 (Source: FGR 12)	3.643E-02	3.643E-02	DCF1(29)
A-1	Tl-207 (Source: FGR 12)	1.980E-02	1.980E-02	DCF1(30)
A-1	Tl-209 (Source: FGR 12)	1.293E+01	1.293E+01	DCF1(31)
A-1	U-233 (Source: FGR 12)	1.397E-03	1.397E-03	DCF1(32)
A-1	U-235 (Source: FGR 12)	7.211E-01	7.211E-01	DCF1(33)
A-1	U-237 (Source: FGR 12)	5.306E-01	5.306E-01	DCF1(34)
B-1	Dose conversion factors for inhalation, mrem/pCi:			
B-1	Ac-227+D	6.724E+00	6.700E+00	DCF2(1)
B-1	Am-241	4.440E-01	4.440E-01	DCF2(2)
B-1	Cs-137+D	3.190E-05	3.190E-05	DCF2(3)
B-1	Eu-152	2.210E-04	2.210E-04	DCF2(4)
B-1	Eu-154	2.860E-04	2.860E-04	DCF2(6)
B-1	Gd-152	2.430E-01	2.430E-01	DCF2(7)
B-1	Ni-63	6.290E-06	6.290E-06	DCF2(8)
B-1	Np-237+D	5.400E-01	5.400E-01	DCF2(9)
B-1	Pa-231	1.280E+00	1.280E+00	DCF2(10)
B-1	Pu-241	8.250E-03	8.250E-03	DCF2(11)
B-1	Pu-241+D	8.254E-03	8.250E-03	DCF2(12)
B-1	Th-229+D	2.169E+00	2.150E+00	DCF2(13)
B-1	U-233	1.350E-01	1.350E-01	DCF2(14)

Dose Conversion Factor (and Related) Parameter Summary (continued)
Dose Library: FGR 11

Menu	Parameter	Current Value#	Base Case*	Parameter Name
B-1	U-235+D	1.230E-01	1.230E-01	DCF2(15)
D-1	Dose conversion factors for ingestion, mrem/pCi:			
D-1	Ac-227+D	1.480E-02	1.410E-02	DCF3(1)
D-1	Am-241	3.640E-03	3.640E-03	DCF3(2)
D-1	Cs-137+D	5.000E-05	5.000E-05	DCF3(3)
D-1	Eu-152	6.480E-06	6.480E-06	DCF3(4)
D-1	Eu-154	9.550E-06	9.550E-06	DCF3(6)
D-1	Gd-152	1.610E-04	1.610E-04	DCF3(7)
D-1	Ni-63	5.770E-07	5.770E-07	DCF3(8)
D-1	Np-237+D	4.444E-03	4.440E-03	DCF3(9)
D-1	Pa-231	1.060E-02	1.060E-02	DCF3(10)
D-1	Pu-241	6.840E-05	6.840E-05	DCF3(11)
D-1	Pu-241+D	7.157E-05	6.840E-05	DCF3(12)
D-1	Th-229+D	4.027E-03	3.530E-03	DCF3(13)
D-1	U-233	2.890E-04	2.890E-04	DCF3(14)
D-1	U-235+D	2.673E-04	2.660E-04	DCF3(15)
D-34	Food transfer factors:			
D-34	Ac-227+D , plant/soil concentration ratio, dimensionless	2.500E-03	2.500E-03	RTF(1,1)
D-34	Ac-227+D , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	2.000E-05	2.000E-05	RTF(1,2)
D-34	Ac-227+D , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	2.000E-05	2.000E-05	RTF(1,3)
D-34				
D-34	Am-241 , plant/soil concentration ratio, dimensionless	1.000E-03	1.000E-03	RTF(2,1)
D-34	Am-241 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	5.000E-05	5.000E-05	RTF(2,2)
D-34	Am-241 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	2.000E-06	2.000E-06	RTF(2,3)
D-34				
D-34	Cs-137+D , plant/soil concentration ratio, dimensionless	4.000E-02	4.000E-02	RTF(3,1)
D-34	Cs-137+D , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	3.000E-02	3.000E-02	RTF(3,2)
D-34	Cs-137+D , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	8.000E-03	8.000E-03	RTF(3,3)
D-34				
D-34	Eu-152 , plant/soil concentration ratio, dimensionless	2.500E-03	2.500E-03	RTF(4,1)
D-34	Eu-152 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	2.000E-03	2.000E-03	RTF(4,2)
D-34	Eu-152 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	5.000E-05	5.000E-05	RTF(4,3)
D-34				
D-34	Eu-154 , plant/soil concentration ratio, dimensionless	2.500E-03	2.500E-03	RTF(6,1)
D-34	Eu-154 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	2.000E-03	2.000E-03	RTF(6,2)
D-34	Eu-154 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	5.000E-05	5.000E-05	RTF(6,3)
D-34				
D-34	Gd-152 , plant/soil concentration ratio, dimensionless	2.500E-03	2.500E-03	RTF(7,1)
D-34	Gd-152 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	2.000E-03	2.000E-03	RTF(7,2)
D-34	Gd-152 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	2.000E-05	2.000E-05	RTF(7,3)
D-34				
D-34	Ni-63 , plant/soil concentration ratio, dimensionless	5.000E-02	5.000E-02	RTF(8,1)
D-34	Ni-63 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	5.000E-03	5.000E-03	RTF(8,2)
D-34	Ni-63 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	2.000E-02	2.000E-02	RTF(8,3)
D-34				
D-34	Np-237+D , plant/soil concentration ratio, dimensionless	2.000E-02	2.000E-02	RTF(9,1)
D-34	Np-237+D , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	1.000E-03	1.000E-03	RTF(9,2)
D-34	Np-237+D , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	5.000E-06	5.000E-06	RTF(9,3)

Dose Conversion Factor (and Related) Parameter Summary (continued)
Dose Library: FGR 11

Menu	Parameter	Current Value#	Base Case*	Parameter Name
D-34	Pa-231 , plant/soil concentration ratio, dimensionless	1.000E-02	1.000E-02	RTF(10,1)
D-34	Pa-231 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	5.000E-03	5.000E-03	RTF(10,2)
D-34	Pa-231 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	5.000E-06	5.000E-06	RTF(10,3)
D-34				
D-34	Pu-241 , plant/soil concentration ratio, dimensionless	1.000E-03	1.000E-03	RTF(11,1)
D-34	Pu-241 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	1.000E-04	1.000E-04	RTF(11,2)
D-34	Pu-241 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	1.000E-06	1.000E-06	RTF(11,3)
D-34				
D-34	Pu-241+D , plant/soil concentration ratio, dimensionless	1.000E-03	1.000E-03	RTF(12,1)
D-34	Pu-241+D , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	1.000E-04	1.000E-04	RTF(12,2)
D-34	Pu-241+D , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	1.000E-06	1.000E-06	RTF(12,3)
D-34				
D-34	Th-229+D , plant/soil concentration ratio, dimensionless	1.000E-03	1.000E-03	RTF(13,1)
D-34	Th-229+D , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	1.000E-04	1.000E-04	RTF(13,2)
D-34	Th-229+D , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	5.000E-06	5.000E-06	RTF(13,3)
D-34				
D-34	U-233 , plant/soil concentration ratio, dimensionless	2.500E-03	2.500E-03	RTF(14,1)
D-34	U-233 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	3.400E-04	3.400E-04	RTF(14,2)
D-34	U-233 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	6.000E-04	6.000E-04	RTF(14,3)
D-34				
D-34	U-235+D , plant/soil concentration ratio, dimensionless	2.500E-03	2.500E-03	RTF(15,1)
D-34	U-235+D , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	3.400E-04	3.400E-04	RTF(15,2)
D-34	U-235+D , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	6.000E-04	6.000E-04	RTF(15,3)
D-5	Bioaccumulation factors, fresh water, L/kg:			
D-5	Ac-227+D , fish	1.500E+01	1.500E+01	BIOFAC(1,1)
D-5	Ac-227+D , crustacea and mollusks	1.000E+03	1.000E+03	BIOFAC(1,2)
D-5				
D-5	Am-241 , fish	3.000E+01	3.000E+01	BIOFAC(2,1)
D-5	Am-241 , crustacea and mollusks	1.000E+03	1.000E+03	BIOFAC(2,2)
D-5				
D-5	Cs-137+D , fish	2.000E+03	2.000E+03	BIOFAC(3,1)
D-5	Cs-137+D , crustacea and mollusks	1.000E+02	1.000E+02	BIOFAC(3,2)
D-5				
D-5	Eu-152 , fish	5.000E+01	5.000E+01	BIOFAC(4,1)
D-5	Eu-152 , crustacea and mollusks	1.000E+03	1.000E+03	BIOFAC(4,2)
D-5				
D-5	Eu-154 , fish	5.000E+01	5.000E+01	BIOFAC(6,1)
D-5	Eu-154 , crustacea and mollusks	1.000E+03	1.000E+03	BIOFAC(6,2)
D-5				
D-5	Gd-152 , fish	2.500E+01	2.500E+01	BIOFAC(7,1)
D-5	Gd-152 , crustacea and mollusks	1.000E+03	1.000E+03	BIOFAC(7,2)
D-5				
D-5	Ni-63 , fish	1.000E+02	1.000E+02	BIOFAC(8,1)
D-5	Ni-63 , crustacea and mollusks	1.000E+02	1.000E+02	BIOFAC(8,2)
D-5				
D-5	Np-237+D , fish	3.000E+01	3.000E+01	BIOFAC(9,1)
D-5	Np-237+D , crustacea and mollusks	4.000E+02	4.000E+02	BIOFAC(9,2)
D-5				

Dose Conversion Factor (and Related) Parameter Summary (continued)
Dose Library: FGR 11

Menu	Parameter	Current Value#	Base Case*	Parameter Name
D-5	Pa-231 , fish	1.000E+01	1.000E+01	BIOFAC(10,1)
D-5	Pa-231 , crustacea and mollusks	1.100E+02	1.100E+02	BIOFAC(10,2)
D-5				
D-5	Pu-241 , fish	3.000E+01	3.000E+01	BIOFAC(11,1)
D-5	Pu-241 , crustacea and mollusks	1.000E+02	1.000E+02	BIOFAC(11,2)
D-5				
D-5	Pu-241+D , fish	3.000E+01	3.000E+01	BIOFAC(12,1)
D-5	Pu-241+D , crustacea and mollusks	1.000E+02	1.000E+02	BIOFAC(12,2)
D-5				
D-5	Th-229+D , fish	1.000E+02	1.000E+02	BIOFAC(13,1)
D-5	Th-229+D , crustacea and mollusks	5.000E+02	5.000E+02	BIOFAC(13,2)
D-5				
D-5	U-233 , fish	1.000E+01	1.000E+01	BIOFAC(14,1)
D-5	U-233 , crustacea and mollusks	6.000E+01	6.000E+01	BIOFAC(14,2)
D-5				
D-5	U-235+D , fish	1.000E+01	1.000E+01	BIOFAC(15,1)
D-5	U-235+D , crustacea and mollusks	6.000E+01	6.000E+01	BIOFAC(15,2)

#For DCF1(xxx) only, factors are for infinite depth & area. See ETFG table in Ground Pathway of Detailed Report.
*Base Case means Default.Lib w/o Associate Nuclide contributions.

Summary : HFBR SU 7C_Residential_Bkgd Subtract
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Site-Specific Parameter Summary

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R011	Area of contaminated zone (m**2)	1.380E+02	1.000E+04	---	AREA
R011	Thickness of contaminated zone (m)	5.000E+00	2.000E+00	---	THICK0
R011	Fraction of contamination that is submerged	0.000E+00	0.000E+00	---	SUBMFRACT
R011	Length parallel to aquifer flow (m)	1.200E+01	1.000E+02	---	LCZPAQ
R011	Basic radiation dose limit (mrem/yr)	2.500E+01	3.000E+01	---	BRDL
R011	Time since placement of material (yr)	0.000E+00	0.000E+00	---	TI
R011	Times for calculations (yr)	1.000E+00	1.000E+00	---	T(2)
R011	Times for calculations (yr)	5.000E+00	3.000E+00	---	T(3)
R011	Times for calculations (yr)	1.000E+01	1.000E+01	---	T(4)
R011	Times for calculations (yr)	5.000E+01	3.000E+01	---	T(5)
R011	Times for calculations (yr)	1.000E+02	1.000E+02	---	T(6)
R011	Times for calculations (yr)	5.000E+02	3.000E+02	---	T(7)
R011	Times for calculations (yr)	1.000E+03	1.000E+03	---	T(8)
R011	Times for calculations (yr)	not used	0.000E+00	---	T(9)
R011	Times for calculations (yr)	not used	0.000E+00	---	T(10)
R012	Initial principal radionuclide (pCi/g): Ac-227	1.390E-02	0.000E+00	---	S1(1)
R012	Initial principal radionuclide (pCi/g): Am-241	1.670E-02	0.000E+00	---	S1(2)
R012	Initial principal radionuclide (pCi/g): Cs-137	4.990E-02	0.000E+00	---	S1(3)
R012	Initial principal radionuclide (pCi/g): Eu-152	2.780E-02	0.000E+00	---	S1(4)
R012	Initial principal radionuclide (pCi/g): Eu-154	4.560E-02	0.000E+00	---	S1(6)
R012	Initial principal radionuclide (pCi/g): Gd-152	2.780E-02	0.000E+00	---	S1(7)
R012	Initial principal radionuclide (pCi/g): Ni-63	6.250E-01	0.000E+00	---	S1(8)
R012	Initial principal radionuclide (pCi/g): Pa-231	1.390E-02	0.000E+00	---	S1(10)
R012	Initial principal radionuclide (pCi/g): Pu-241	1.540E-01	0.000E+00	---	S1(11)
R012	Initial principal radionuclide (pCi/g): U-235	1.390E-02	0.000E+00	---	S1(15)
R012	Concentration in groundwater (pCi/L): Ac-227	not used	0.000E+00	---	W1(1)
R012	Concentration in groundwater (pCi/L): Am-241	not used	0.000E+00	---	W1(2)
R012	Concentration in groundwater (pCi/L): Cs-137	not used	0.000E+00	---	W1(3)
R012	Concentration in groundwater (pCi/L): Eu-152	not used	0.000E+00	---	W1(4)
R012	Concentration in groundwater (pCi/L): Eu-154	not used	0.000E+00	---	W1(6)
R012	Concentration in groundwater (pCi/L): Gd-152	not used	0.000E+00	---	W1(7)
R012	Concentration in groundwater (pCi/L): Ni-63	not used	0.000E+00	---	W1(8)
R012	Concentration in groundwater (pCi/L): Pa-231	not used	0.000E+00	---	W1(10)
R012	Concentration in groundwater (pCi/L): Pu-241	not used	0.000E+00	---	W1(11)
R012	Concentration in groundwater (pCi/L): U-235	not used	0.000E+00	---	W1(15)
R013	Cover depth (m)	0.000E+00	0.000E+00	---	COVER0
R013	Density of cover material (g/cm**3)	not used	1.500E+00	---	DENSCV
R013	Cover depth erosion rate (m/yr)	not used	1.000E-03	---	VCV
R013	Density of contaminated zone (g/cm**3)	1.660E+00	1.500E+00	---	DENSCZ
R013	Contaminated zone erosion rate (m/yr)	1.000E-03	1.000E-03	---	VCZ
R013	Contaminated zone total porosity	3.300E-01	4.000E-01	---	TPCZ
R013	Contaminated zone field capacity	2.400E-01	2.000E-01	---	FCCZ
R013	Contaminated zone hydraulic conductivity (m/yr)	5.000E+03	1.000E+01	---	HCCZ
R013	Contaminated zone b parameter	4.900E+00	5.300E+00	---	BCZ
R013	Average annual wind speed (m/sec)	6.230E+00	2.000E+00	---	WIND
R013	Humidity in air (g/m**3)	not used	8.000E+00	---	HUMID
R013	Evapotranspiration coefficient	4.600E-01	5.000E-01	---	EVAPTR
R013	Precipitation (m/yr)	1.230E+00	1.000E+00	---	PRECIP

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Site-Specific Parameter Summary (continued)

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R013	Irrigation (m/yr)	2.600E-01	2.000E-01	---	RI
R013	Irrigation mode	overhead	overhead	---	IDITCH
R013	Runoff coefficient	2.000E-01	2.000E-01	---	RUNOFF
R013	Watershed area for nearby stream or pond (m**2)	1.000E+06	1.000E+06	---	WAREA
R013	Accuracy for water/soil computations	1.000E-03	1.000E-03	---	EPS
R014	Density of saturated zone (g/cm**3)	1.660E+00	1.500E+00	---	DENSAQ
R014	Saturated zone total porosity	3.300E-01	4.000E-01	---	TPSZ
R014	Saturated zone effective porosity	2.400E-01	2.000E-01	---	EPSZ
R014	Saturated zone field capacity	2.000E-01	2.000E-01	---	FCSZ
R014	Saturated zone hydraulic conductivity (m/yr)	2.000E+04	1.000E+02	---	HCSZ
R014	Saturated zone hydraulic gradient	4.800E-03	2.000E-02	---	HGWT
R014	Saturated zone b parameter	4.900E+00	5.300E+00	---	BSZ
R014	Water table drop rate (m/yr)	1.000E-03	1.000E-03	---	VWT
R014	Well pump intake depth (m below water table)	1.800E+01	1.000E+01	---	DWIBWT
R014	Model: Nondispersion (ND) or Mass-Balance (MB)	ND	ND	---	MODEL
R014	Well pumping rate (m**3/yr)	2.500E+02	2.500E+02	---	UW
R015	Number of unsaturated zone strata	1	1	---	NS
R015	Unsat. zone 1, thickness (m)	0.000E+00	4.000E+00	---	H(1)
R015	Unsat. zone 1, soil density (g/cm**3)	1.660E+00	1.500E+00	---	DENSUZ(1)
R015	Unsat. zone 1, total porosity	3.300E-01	4.000E-01	---	TPUZ(1)
R015	Unsat. zone 1, effective porosity	2.400E-01	2.000E-01	---	EPUZ(1)
R015	Unsat. zone 1, field capacity	2.000E-01	2.000E-01	---	FCUZ(1)
R015	Unsat. zone 1, soil-specific b parameter	4.900E+00	5.300E+00	---	BUZ(1)
R015	Unsat. zone 1, hydraulic conductivity (m/yr)	5.000E+03	1.000E+01	---	HCUZ(1)
R016	Distribution coefficients for Ac-227				
R016	Contaminated zone (cm**3/g)	2.000E+01	2.000E+01	---	DCNUCC(1)
R016	Unsaturated zone 1 (cm**3/g)	2.000E+01	2.000E+01	---	DCNUCU(1,1)
R016	Saturated zone (cm**3/g)	2.000E+01	2.000E+01	---	DCNUCS(1)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	4.018E-03	ALEACH(1)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(1)
R016	Distribution coefficients for Am-241				
R016	Contaminated zone (cm**3/g)	2.000E+01	2.000E+01	---	DCNUCC(2)
R016	Unsaturated zone 1 (cm**3/g)	2.000E+01	2.000E+01	---	DCNUCU(2,1)
R016	Saturated zone (cm**3/g)	2.000E+01	2.000E+01	---	DCNUCS(2)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	4.018E-03	ALEACH(2)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(2)
R016	Distribution coefficients for Cs-137				
R016	Contaminated zone (cm**3/g)	5.300E+02	4.600E+03	---	DCNUCC(3)
R016	Unsaturated zone 1 (cm**3/g)	5.300E+02	4.600E+03	---	DCNUCU(3,1)
R016	Saturated zone (cm**3/g)	5.300E+02	4.600E+03	---	DCNUCS(3)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	1.527E-04	ALEACH(3)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(3)

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Site-Specific Parameter Summary (continued)

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R016	Distribution coefficients for Eu-152				
R016	Contaminated zone (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCC(4)
R016	Unsaturated zone 1 (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCU(4,1)
R016	Saturated zone (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCS(4)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	9.810E-05	ALEACH(4)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(4)
R016	Distribution coefficients for Eu-154				
R016	Contaminated zone (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCC(6)
R016	Unsaturated zone 1 (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCU(6,1)
R016	Saturated zone (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCS(6)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	9.810E-05	ALEACH(6)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(6)
R016	Distribution coefficients for Gd-152				
R016	Contaminated zone (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCC(7)
R016	Unsaturated zone 1 (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCU(7,1)
R016	Saturated zone (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCS(7)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	9.810E-05	ALEACH(7)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(7)
R016	Distribution coefficients for Ni-63				
R016	Contaminated zone (cm**3/g)	1.300E+02	1.000E+03	---	DCNUCC(8)
R016	Unsaturated zone 1 (cm**3/g)	1.300E+02	1.000E+03	---	DCNUCU(8,1)
R016	Saturated zone (cm**3/g)	1.300E+02	1.000E+03	---	DCNUCS(8)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	6.219E-04	ALEACH(8)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(8)
R016	Distribution coefficients for Pa-231				
R016	Contaminated zone (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCC(10)
R016	Unsaturated zone 1 (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCU(10,1)
R016	Saturated zone (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCS(10)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	1.614E-03	ALEACH(10)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(10)
R016	Distribution coefficients for Pu-241				
R016	Contaminated zone (cm**3/g)	2.000E+03	2.000E+03	---	DCNUCC(11)
R016	Unsaturated zone 1 (cm**3/g)	2.000E+03	2.000E+03	---	DCNUCU(11,1)
R016	Saturated zone (cm**3/g)	2.000E+03	2.000E+03	---	DCNUCS(11)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	4.046E-05	ALEACH(11)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(11)
R016	Distribution coefficients for U-235				
R016	Contaminated zone (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCC(15)
R016	Unsaturated zone 1 (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCU(15,1)
R016	Saturated zone (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCS(15)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	1.614E-03	ALEACH(15)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(15)

Site-Specific Parameter Summary (continued)

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R016	Distribution coefficients for daughter Np-237				
R016	Contaminated zone (cm**3/g)	-1.000E+00	-1.000E+00	2.574E+02	DCNUCC(9)
R016	Unsaturated zone 1 (cm**3/g)	-1.000E+00	-1.000E+00	2.574E+02	DCNUCU(9,1)
R016	Saturated zone (cm**3/g)	-1.000E+00	-1.000E+00	2.574E+02	DCNUCS(9)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	3.142E-04	ALEACH(9)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(9)
R016	Distribution coefficients for daughter Th-229				
R016	Contaminated zone (cm**3/g)	6.000E+04	6.000E+04	---	DCNUCC(13)
R016	Unsaturated zone 1 (cm**3/g)	6.000E+04	6.000E+04	---	DCNUCU(13,1)
R016	Saturated zone (cm**3/g)	6.000E+04	6.000E+04	---	DCNUCS(13)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	1.349E-06	ALEACH(13)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(13)
R016	Distribution coefficients for daughter U-233				
R016	Contaminated zone (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCC(14)
R016	Unsaturated zone 1 (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCU(14,1)
R016	Saturated zone (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCS(14)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	1.614E-03	ALEACH(14)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(14)
R017	Inhalation rate (m**3/yr)	7.300E+03	8.400E+03	---	INHALR
R017	Mass loading for inhalation (g/m**3)	1.000E-04	1.000E-04	---	MLINH
R017	Exposure duration	3.000E+01	3.000E+01	---	ED
R017	Shielding factor, inhalation	4.000E-01	4.000E-01	---	SHF3
R017	Shielding factor, external gamma	8.000E-01	7.000E-01	---	SHF1
R017	Fraction of time spent indoors	5.000E-01	5.000E-01	---	FIND
R017	Fraction of time spent outdoors (on site)	2.500E-01	2.500E-01	---	FOTD
R017	Shape factor flag, external gamma	1.000E+00	1.000E+00	>0 shows circular AREA.	FS
R017	Radii of shape factor array (used if FS = -1):				
R017	Outer annular radius (m), ring 1:	not used	5.000E+01	---	RAD_SHAPE(1)
R017	Outer annular radius (m), ring 2:	not used	7.071E+01	---	RAD_SHAPE(2)
R017	Outer annular radius (m), ring 3:	not used	0.000E+00	---	RAD_SHAPE(3)
R017	Outer annular radius (m), ring 4:	not used	0.000E+00	---	RAD_SHAPE(4)
R017	Outer annular radius (m), ring 5:	not used	0.000E+00	---	RAD_SHAPE(5)
R017	Outer annular radius (m), ring 6:	not used	0.000E+00	---	RAD_SHAPE(6)
R017	Outer annular radius (m), ring 7:	not used	0.000E+00	---	RAD_SHAPE(7)
R017	Outer annular radius (m), ring 8:	not used	0.000E+00	---	RAD_SHAPE(8)
R017	Outer annular radius (m), ring 9:	not used	0.000E+00	---	RAD_SHAPE(9)
R017	Outer annular radius (m), ring 10:	not used	0.000E+00	---	RAD_SHAPE(10)
R017	Outer annular radius (m), ring 11:	not used	0.000E+00	---	RAD_SHAPE(11)
R017	Outer annular radius (m), ring 12:	not used	0.000E+00	---	RAD_SHAPE(12)

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Site-Specific Parameter Summary (continued)

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R017	Fractions of annular areas within AREA:				
R017	Ring 1	not used	1.000E+00	---	FRACA(1)
R017	Ring 2	not used	2.732E-01	---	FRACA(2)
R017	Ring 3	not used	0.000E+00	---	FRACA(3)
R017	Ring 4	not used	0.000E+00	---	FRACA(4)
R017	Ring 5	not used	0.000E+00	---	FRACA(5)
R017	Ring 6	not used	0.000E+00	---	FRACA(6)
R017	Ring 7	not used	0.000E+00	---	FRACA(7)
R017	Ring 8	not used	0.000E+00	---	FRACA(8)
R017	Ring 9	not used	0.000E+00	---	FRACA(9)
R017	Ring 10	not used	0.000E+00	---	FRACA(10)
R017	Ring 11	not used	0.000E+00	---	FRACA(11)
R017	Ring 12	not used	0.000E+00	---	FRACA(12)
R018	Fruits, vegetables and grain consumption (kg/yr)	1.600E+02	1.600E+02	---	DIET(1)
R018	Leafy vegetable consumption (kg/yr)	1.400E+01	1.400E+01	---	DIET(2)
R018	Milk consumption (L/yr)	not used	9.200E+01	---	DIET(3)
R018	Meat and poultry consumption (kg/yr)	not used	6.300E+01	---	DIET(4)
R018	Fish consumption (kg/yr)	not used	5.400E+00	---	DIET(5)
R018	Other seafood consumption (kg/yr)	not used	9.000E-01	---	DIET(6)
R018	Soil ingestion rate (g/yr)	4.380E+01	3.650E+01	---	SOIL
R018	Drinking water intake (L/yr)	7.000E+02	5.100E+02	---	DWI
R018	Contamination fraction of drinking water	1.000E+00	1.000E+00	---	FDW
R018	Contamination fraction of household water	not used	1.000E+00	---	FHHW
R018	Contamination fraction of livestock water	not used	1.000E+00	---	FLW
R018	Contamination fraction of irrigation water	1.000E+00	1.000E+00	---	FIRW
R018	Contamination fraction of aquatic food	not used	5.000E-01	---	FR9
R018	Contamination fraction of plant food	-1	-1	0.690E-01	FPLANT
R018	Contamination fraction of meat	not used	-1	---	FMEAT
R018	Contamination fraction of milk	not used	-1	---	FMILK
R019	Livestock fodder intake for meat (kg/day)	not used	6.800E+01	---	LFI5
R019	Livestock fodder intake for milk (kg/day)	not used	5.500E+01	---	LFI6
R019	Livestock water intake for meat (L/day)	not used	5.000E+01	---	LWI5
R019	Livestock water intake for milk (L/day)	not used	1.600E+02	---	LWI6
R019	Livestock soil intake (kg/day)	not used	5.000E-01	---	LSI
R019	Mass loading for foliar deposition (g/m**3)	1.000E-05	1.000E-04	---	MLFD
R019	Depth of soil mixing layer (m)	1.500E-01	1.500E-01	---	DM
R019	Depth of roots (m)	9.000E-01	9.000E-01	---	DROOT
R019	Drinking water fraction from ground water	1.000E+00	1.000E+00	---	FGWDW
R019	Household water fraction from ground water	not used	1.000E+00	---	FGWHH
R019	Livestock water fraction from ground water	not used	1.000E+00	---	FGWLW
R019	Irrigation fraction from ground water	1.000E+00	1.000E+00	---	FGWIR
R19B	Wet weight crop yield for Non-Leafy (kg/m**2)	7.000E-01	7.000E-01	---	YV(1)
R19B	Wet weight crop yield for Leafy (kg/m**2)	1.500E+00	1.500E+00	---	YV(2)
R19B	Wet weight crop yield for Fodder (kg/m**2)	not used	1.100E+00	---	YV(3)
R19B	Growing Season for Non-Leafy (years)	1.700E-01	1.700E-01	---	TE(1)
R19B	Growing Season for Leafy (years)	2.500E-01	2.500E-01	---	TE(2)
R19B	Growing Season for Fodder (years)	not used	8.000E-02	---	TE(3)

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Site-Specific Parameter Summary (continued)

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R19B	Translocation Factor for Non-Leafy	1.000E-01	1.000E-01	---	TIV(1)
R19B	Translocation Factor for Leafy	1.000E+00	1.000E+00	---	TIV(2)
R19B	Translocation Factor for Fodder	not used	1.000E+00	---	TIV(3)
R19B	Dry Foliar Interception Fraction for Non-Leafy	2.500E-01	2.500E-01	---	RDRY(1)
R19B	Dry Foliar Interception Fraction for Leafy	2.500E-01	2.500E-01	---	RDRY(2)
R19B	Dry Foliar Interception Fraction for Fodder	not used	2.500E-01	---	RDRY(3)
R19B	Wet Foliar Interception Fraction for Non-Leafy	2.500E-01	2.500E-01	---	RWET(1)
R19B	Wet Foliar Interception Fraction for Leafy	2.500E-01	2.500E-01	---	RWET(2)
R19B	Wet Foliar Interception Fraction for Fodder	not used	2.500E-01	---	RWET(3)
R19B	Weathering Removal Constant for Vegetation	2.000E+01	2.000E+01	---	WLAM
C14	C-12 concentration in water (g/cm**3)	not used	2.000E-05	---	C12WTR
C14	C-12 concentration in contaminated soil (g/g)	not used	3.000E-02	---	C12CZ
C14	Fraction of vegetation carbon from soil	not used	2.000E-02	---	CSOIL
C14	Fraction of vegetation carbon from air	not used	9.800E-01	---	CAIR
C14	C-14 evasion layer thickness in soil (m)	not used	3.000E-01	---	DMC
C14	C-14 evasion flux rate from soil (1/sec)	not used	7.000E-07	---	EVSN
C14	C-12 evasion flux rate from soil (1/sec)	not used	1.000E-10	---	REVSN
C14	Fraction of grain in beef cattle feed	not used	8.000E-01	---	AVFG4
C14	Fraction of grain in milk cow feed	not used	2.000E-01	---	AVFG5
STOR	Storage times of contaminated foodstuffs (days):				
STOR	Fruits, non-leafy vegetables, and grain	1.400E+01	1.400E+01	---	STOR_T(1)
STOR	Leafy vegetables	1.000E+00	1.000E+00	---	STOR_T(2)
STOR	Milk	1.000E+00	1.000E+00	---	STOR_T(3)
STOR	Meat and poultry	2.000E+01	2.000E+01	---	STOR_T(4)
STOR	Fish	7.000E+00	7.000E+00	---	STOR_T(5)
STOR	Crustacea and mollusks	7.000E+00	7.000E+00	---	STOR_T(6)
STOR	Well water	1.000E+00	1.000E+00	---	STOR_T(7)
STOR	Surface water	1.000E+00	1.000E+00	---	STOR_T(8)
STOR	Livestock fodder	4.500E+01	4.500E+01	---	STOR_T(9)
R021	Thickness of building foundation (m)	not used	1.500E-01	---	FLOOR1
R021	Bulk density of building foundation (g/cm**3)	not used	2.400E+00	---	DENSFL
R021	Total porosity of the cover material	not used	4.000E-01	---	TPCV
R021	Total porosity of the building foundation	not used	1.000E-01	---	TPFL
R021	Volumetric water content of the cover material	not used	5.000E-02	---	PH2OCV
R021	Volumetric water content of the foundation	not used	3.000E-02	---	PH2OFL
R021	Diffusion coefficient for radon gas (m/sec):				
R021	in cover material	not used	2.000E-06	---	DIFCV
R021	in foundation material	not used	3.000E-07	---	DIFFL
R021	in contaminated zone soil	not used	2.000E-06	---	DIFCZ
R021	Radon vertical dimension of mixing (m)	not used	2.000E+00	---	HMIX
R021	Average building air exchange rate (1/hr)	not used	5.000E-01	---	REXG
R021	Height of the building (room) (m)	not used	2.500E+00	---	HRM
R021	Building interior area factor	not used	0.000E+00	---	FAI
R021	Building depth below ground surface (m)	not used	-1.000E+00	---	DMFL
R021	Emanating power of Rn-222 gas	not used	2.500E-01	---	EMANA(1)
R021	Emanating power of Rn-220 gas	not used	1.500E-01	---	EMANA(2)
TITL	Number of graphical time points	32	---	---	NPTS

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Site-Specific Parameter Summary (continued)

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
TITL	Maximum number of integration points for dose	17	---	---	LYMAX
TITL	Maximum number of integration points for risk	257	---	---	KYMAX

Summary of Pathway Selections

Pathway	User Selection
1 -- external gamma	active
2 -- inhalation (w/o radon)	active
3 -- plant ingestion	active
4 -- meat ingestion	suppressed
5 -- milk ingestion	suppressed
6 -- aquatic foods	suppressed
7 -- drinking water	active
8 -- soil ingestion	active
9 -- radon	suppressed
Find peak pathway doses	suppressed

Summary : HFBR SU 7C_Residential_Bkgd Subtract
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Contaminated Zone Dimensions		Initial Soil Concentrations, pCi/g	
Area:	138.00 square meters	Ac-227	1.390E-02
Thickness:	5.00 meters	Am-241	1.670E-02
Cover Depth:	0.00 meters	Cs-137	4.990E-02
		Eu-152	2.780E-02
		Eu-154	4.560E-02
		Gd-152	2.780E-02
		Ni-63	6.250E-01
		Pa-231	1.390E-02
		Pu-241	1.540E-01
		U-235	1.390E-02

Total Dose TDOSE(t), mrem/yr
Basic Radiation Dose Limit = 2.500E+01 mrem/yr
Total Mixture Sum M(t) = Fraction of Basic Dose Limit Received at Time (t)

t (years):	0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
TDOSE(t):	4.258E-01	4.198E-01	3.768E-01	3.141E-01	1.333E-01	9.428E-02	4.046E-02	1.754E-02
M(t):	1.703E-02	1.679E-02	1.507E-02	1.256E-02	5.333E-03	3.771E-03	1.618E-03	7.016E-04

Maximum TDOSE(t): 4.258E-01 mrem/yr at t = 0.000E+00 years

Summary : HFBR SU 7C_Residential_Bkgd Subtract
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Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 0.000E+00 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	1.481E-02	0.0348	1.213E-03	0.0028	0.000E+00	0.0000	6.065E-03	0.0142	0.000E+00	0.0000	0.000E+00	0.0000	9.159E-04	0.0022
Am-241	4.024E-04	0.0009	9.768E-05	0.0002	0.000E+00	0.0000	7.279E-04	0.0017	0.000E+00	0.0000	0.000E+00	0.0000	2.748E-04	0.0006
Cs-137	8.820E-02	0.2071	2.079E-08	0.0000	0.000E+00	0.0000	1.184E-03	0.0028	0.000E+00	0.0000	0.000E+00	0.0000	1.118E-05	0.0000
Eu-152	1.003E-01	0.2355	7.908E-08	0.0000	0.000E+00	0.0000	5.269E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.957E-07	0.0000
Eu-154	1.772E-01	0.4162	1.657E-07	0.0000	0.000E+00	0.0000	1.257E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.898E-06	0.0000
Gd-152	0.000E+00	0.0000	8.924E-05	0.0002	0.000E+00	0.0000	1.343E-04	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	2.029E-05	0.0000
Ni-63	0.000E+00	0.0000	5.173E-08	0.0000	0.000E+00	0.0000	2.156E-04	0.0005	0.000E+00	0.0000	0.000E+00	0.0000	1.628E-06	0.0000
Pa-231	1.659E-03	0.0039	2.543E-04	0.0006	0.000E+00	0.0000	1.779E-02	0.0418	0.000E+00	0.0000	0.000E+00	0.0000	6.820E-04	0.0016
Pu-241	4.494E-06	0.0000	1.710E-05	0.0000	0.000E+00	0.0000	1.288E-04	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	4.862E-05	0.0001
U-235	5.777E-03	0.0136	2.257E-05	0.0001	0.000E+00	0.0000	1.116E-04	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	1.684E-05	0.0000
Total	3.883E-01	0.9120	1.694E-03	0.0040	0.000E+00	0.0000	2.638E-02	0.0619	0.000E+00	0.0000	0.000E+00	0.0000	1.974E-03	0.0046

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 0.000E+00 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	5.129E-03	0.0120	0.000E+00	0.0000	0.000E+00	0.0000	4.901E-05	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	2.818E-02	0.0662
Am-241	1.547E-03	0.0036	0.000E+00	0.0000	0.000E+00	0.0000	1.477E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.064E-03	0.0072
Cs-137	4.211E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.871E-11	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.939E-02	0.2099
Eu-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.003E-01	0.2355
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.772E-01	0.4162
Gd-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.439E-04	0.0006
Ni-63	1.745E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.665E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.175E-04	0.0005
Pa-231	6.485E-04	0.0015	0.000E+00	0.0000	0.000E+00	0.0000	6.173E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.104E-02	0.0494
Pu-241	7.317E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.755E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.064E-04	0.0005
U-235	1.446E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.378E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.943E-03	0.0140
Total	7.346E-03	0.0173	0.000E+00	0.0000	0.000E+00	0.0000	7.016E-05	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	4.258E-01	1.0000

*Sum of all water independent and dependent pathways.

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Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+00 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	1.429E-02	0.0340	1.170E-03	0.0028	0.000E+00	0.0000	5.852E-03	0.0139	0.000E+00	0.0000	0.000E+00	0.0000	8.836E-04	0.0021
Am-241	4.002E-04	0.0010	9.713E-05	0.0002	0.000E+00	0.0000	7.238E-04	0.0017	0.000E+00	0.0000	0.000E+00	0.0000	2.733E-04	0.0007
Cs-137	8.617E-02	0.2052	2.031E-08	0.0000	0.000E+00	0.0000	1.157E-03	0.0028	0.000E+00	0.0000	0.000E+00	0.0000	1.092E-05	0.0000
Eu-152	9.518E-02	0.2267	7.507E-08	0.0000	0.000E+00	0.0000	5.001E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.553E-07	0.0000
Eu-154	1.638E-01	0.3901	1.531E-07	0.0000	0.000E+00	0.0000	1.162E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.754E-06	0.0000
Gd-152	0.000E+00	0.0000	8.923E-05	0.0002	0.000E+00	0.0000	1.343E-04	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	2.029E-05	0.0000
Ni-63	0.000E+00	0.0000	5.133E-08	0.0000	0.000E+00	0.0000	2.140E-04	0.0005	0.000E+00	0.0000	0.000E+00	0.0000	1.616E-06	0.0000
Pa-231	2.119E-03	0.0050	2.917E-04	0.0007	0.000E+00	0.0000	1.795E-02	0.0428	0.000E+00	0.0000	0.000E+00	0.0000	7.096E-04	0.0017
Pu-241	1.008E-05	0.0000	1.770E-05	0.0000	0.000E+00	0.0000	1.332E-04	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	5.029E-05	0.0001
U-235	5.768E-03	0.0137	2.254E-05	0.0001	0.000E+00	0.0000	1.118E-04	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	1.683E-05	0.0000
Total	3.677E-01	0.8758	1.689E-03	0.0040	0.000E+00	0.0000	2.630E-02	0.0626	0.000E+00	0.0000	0.000E+00	0.0000	1.969E-03	0.0047

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+00 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	1.497E-02	0.0357	0.000E+00	0.0000	0.000E+00	0.0000	1.477E-04	0.0004	0.000E+00	0.0000	0.000E+00	0.0000	3.731E-02	0.0889
Am-241	4.639E-03	0.0110	0.000E+00	0.0000	0.000E+00	0.0000	4.572E-05	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	6.179E-03	0.0147
Cs-137	1.255E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.164E-11	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.734E-02	0.2080
Eu-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.519E-02	0.2267
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.638E-01	0.3901
Gd-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.438E-04	0.0006
Ni-63	5.218E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.183E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.162E-04	0.0005
Pa-231	2.245E-03	0.0053	0.000E+00	0.0000	0.000E+00	0.0000	2.208E-05	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	2.334E-02	0.0556
Pu-241	5.067E-05	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	4.908E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.624E-04	0.0006
U-235	4.352E-05	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	4.287E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.963E-03	0.0142
Total	2.195E-02	0.0523	0.000E+00	0.0000	0.000E+00	0.0000	2.164E-04	0.0005	0.000E+00	0.0000	0.000E+00	0.0000	4.198E-01	1.0000

*Sum of all water independent and dependent pathways.

Summary : HFBR SU 7C_Residential_Bkgd Subtract
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Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+00 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	1.238E-02	0.0328	1.014E-03	0.0027	0.000E+00	0.0000	5.070E-03	0.0135	0.000E+00	0.0000	0.000E+00	0.0000	7.656E-04	0.0020
Am-241	3.913E-04	0.0010	9.497E-05	0.0003	0.000E+00	0.0000	7.078E-04	0.0019	0.000E+00	0.0000	0.000E+00	0.0000	2.672E-04	0.0007
Cs-137	7.852E-02	0.2084	1.850E-08	0.0000	0.000E+00	0.0000	1.054E-03	0.0028	0.000E+00	0.0000	0.000E+00	0.0000	9.953E-06	0.0000
Eu-152	7.728E-02	0.2051	6.095E-08	0.0000	0.000E+00	0.0000	4.060E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.133E-07	0.0000
Eu-154	1.195E-01	0.3171	1.117E-07	0.0000	0.000E+00	0.0000	8.473E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.280E-06	0.0000
Gd-152	0.000E+00	0.0000	8.919E-05	0.0002	0.000E+00	0.0000	1.343E-04	0.0004	0.000E+00	0.0000	0.000E+00	0.0000	2.028E-05	0.0001
Ni-63	0.000E+00	0.0000	4.974E-08	0.0000	0.000E+00	0.0000	2.073E-04	0.0006	0.000E+00	0.0000	0.000E+00	0.0000	1.566E-06	0.0000
Pa-231	3.794E-03	0.0101	4.282E-04	0.0011	0.000E+00	0.0000	1.853E-02	0.0492	0.000E+00	0.0000	0.000E+00	0.0000	8.094E-04	0.0021
Pu-241	2.959E-05	0.0001	1.976E-05	0.0001	0.000E+00	0.0000	1.483E-04	0.0004	0.000E+00	0.0000	0.000E+00	0.0000	5.601E-05	0.0001
U-235	5.731E-03	0.0152	2.243E-05	0.0001	0.000E+00	0.0000	1.127E-04	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	1.678E-05	0.0000
Total	2.976E-01	0.7898	1.669E-03	0.0044	0.000E+00	0.0000	2.598E-02	0.0689	0.000E+00	0.0000	0.000E+00	0.0000	1.949E-03	0.0052

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+00 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	2.755E-02	0.0731	0.000E+00	0.0000	0.000E+00	0.0000	2.770E-04	0.0007	0.000E+00	0.0000	0.000E+00	0.0000	4.705E-02	0.1249
Am-241	9.613E-03	0.0255	0.000E+00	0.0000	0.000E+00	0.0000	9.663E-05	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	1.117E-02	0.0296
Cs-137	4.351E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.938E-10	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.958E-02	0.2112
Eu-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.728E-02	0.2051
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.195E-01	0.3171
Gd-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.437E-04	0.0006
Ni-63	1.860E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.881E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.108E-04	0.0006
Pa-231	1.130E-02	0.0300	0.000E+00	0.0000	0.000E+00	0.0000	1.131E-04	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	3.497E-02	0.0928
Pu-241	4.977E-04	0.0013	0.000E+00	0.0000	0.000E+00	0.0000	4.968E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.564E-04	0.0020
U-235	1.601E-04	0.0004	0.000E+00	0.0000	0.000E+00	0.0000	1.601E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.044E-03	0.0160
Total	4.912E-02	0.1304	0.000E+00	0.0000	0.000E+00	0.0000	4.933E-04	0.0013	0.000E+00	0.0000	0.000E+00	0.0000	3.768E-01	1.0000

*Sum of all water independent and dependent pathways.

Summary : HFBR SU 7C_Residential_Bkgd Subtract
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Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+01 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	1.035E-02	0.0329	8.474E-04	0.0027	0.000E+00	0.0000	4.238E-03	0.0135	0.000E+00	0.0000	0.000E+00	0.0000	6.399E-04	0.0020
Am-241	3.805E-04	0.0012	9.234E-05	0.0003	0.000E+00	0.0000	6.882E-04	0.0022	0.000E+00	0.0000	0.000E+00	0.0000	2.598E-04	0.0008
Cs-137	6.990E-02	0.2226	1.647E-08	0.0000	0.000E+00	0.0000	9.386E-04	0.0030	0.000E+00	0.0000	0.000E+00	0.0000	8.860E-06	0.0000
Eu-152	5.956E-02	0.1896	4.697E-08	0.0000	0.000E+00	0.0000	3.129E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.726E-07	0.0000
Eu-154	8.054E-02	0.2564	7.529E-08	0.0000	0.000E+00	0.0000	5.712E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.627E-07	0.0000
Gd-152	0.000E+00	0.0000	8.915E-05	0.0003	0.000E+00	0.0000	1.342E-04	0.0004	0.000E+00	0.0000	0.000E+00	0.0000	2.027E-05	0.0001
Ni-63	0.000E+00	0.0000	4.783E-08	0.0000	0.000E+00	0.0000	1.994E-04	0.0006	0.000E+00	0.0000	0.000E+00	0.0000	1.506E-06	0.0000
Pa-231	5.559E-03	0.0177	5.718E-04	0.0018	0.000E+00	0.0000	1.911E-02	0.0609	0.000E+00	0.0000	0.000E+00	0.0000	9.139E-04	0.0029
Pu-241	4.860E-05	0.0002	2.168E-05	0.0001	0.000E+00	0.0000	1.624E-04	0.0005	0.000E+00	0.0000	0.000E+00	0.0000	6.132E-05	0.0002
U-235	5.685E-03	0.0181	2.230E-05	0.0001	0.000E+00	0.0000	1.137E-04	0.0004	0.000E+00	0.0000	0.000E+00	0.0000	1.674E-05	0.0001
Total	2.320E-01	0.7387	1.645E-03	0.0052	0.000E+00	0.0000	2.560E-02	0.0815	0.000E+00	0.0000	0.000E+00	0.0000	1.924E-03	0.0061

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+01 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	2.302E-02	0.0733	0.000E+00	0.0000	0.000E+00	0.0000	2.315E-04	0.0007	0.000E+00	0.0000	0.000E+00	0.0000	3.932E-02	0.1252
Am-241	9.345E-03	0.0298	0.000E+00	0.0000	0.000E+00	0.0000	9.393E-05	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	1.086E-02	0.0346
Cs-137	7.438E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.125E-10	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.084E-02	0.2256
Eu-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.956E-02	0.1896
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.055E-02	0.2565
Gd-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.436E-04	0.0008
Ni-63	3.422E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.471E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.044E-04	0.0007
Pa-231	1.875E-02	0.0597	0.000E+00	0.0000	0.000E+00	0.0000	1.885E-04	0.0006	0.000E+00	0.0000	0.000E+00	0.0000	4.509E-02	0.1436
Pu-241	1.001E-03	0.0032	0.000E+00	0.0000	0.000E+00	0.0000	1.003E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.305E-03	0.0042
U-235	2.427E-04	0.0008	0.000E+00	0.0000	0.000E+00	0.0000	2.440E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.083E-03	0.0194
Total	5.236E-02	0.1667	0.000E+00	0.0000	0.000E+00	0.0000	5.264E-04	0.0017	0.000E+00	0.0000	0.000E+00	0.0000	3.141E-01	1.0000

*Sum of all water independent and dependent pathways.

Summary : HFBR SU 7C_Residential_Bkgd Subtract
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Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+01 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	2.466E-03	0.0185	2.020E-04	0.0015	0.000E+00	0.0000	1.010E-03	0.0076	0.000E+00	0.0000	0.000E+00	0.0000	1.525E-04	0.0011
Am-241	3.040E-04	0.0023	7.375E-05	0.0006	0.000E+00	0.0000	5.498E-04	0.0041	0.000E+00	0.0000	0.000E+00	0.0000	2.075E-04	0.0016
Cs-137	2.757E-02	0.2068	6.497E-09	0.0000	0.000E+00	0.0000	3.702E-04	0.0028	0.000E+00	0.0000	0.000E+00	0.0000	3.495E-06	0.0000
Eu-152	7.411E-03	0.0556	5.845E-09	0.0000	0.000E+00	0.0000	3.894E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.882E-08	0.0000
Eu-154	3.436E-03	0.0258	3.211E-09	0.0000	0.000E+00	0.0000	2.437E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.680E-08	0.0000
Gd-152	0.000E+00	0.0000	8.880E-05	0.0007	0.000E+00	0.0000	1.337E-04	0.0010	0.000E+00	0.0000	0.000E+00	0.0000	2.019E-05	0.0002
Ni-63	0.000E+00	0.0000	3.495E-08	0.0000	0.000E+00	0.0000	1.457E-04	0.0011	0.000E+00	0.0000	0.000E+00	0.0000	1.100E-06	0.0000
Pa-231	1.193E-02	0.0895	1.086E-03	0.0081	0.000E+00	0.0000	2.066E-02	0.1549	0.000E+00	0.0000	0.000E+00	0.0000	1.272E-03	0.0095
Pu-241	9.344E-05	0.0007	2.411E-05	0.0002	0.000E+00	0.0000	1.799E-04	0.0013	0.000E+00	0.0000	0.000E+00	0.0000	6.789E-05	0.0005
U-235	5.338E-03	0.0400	2.164E-05	0.0002	0.000E+00	0.0000	1.232E-04	0.0009	0.000E+00	0.0000	0.000E+00	0.0000	1.663E-05	0.0001
Total	5.855E-02	0.4391	1.496E-03	0.0112	0.000E+00	0.0000	2.317E-02	0.1738	0.000E+00	0.0000	0.000E+00	0.0000	1.741E-03	0.0131

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+01 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	5.476E-03	0.0411	0.000E+00	0.0000	0.000E+00	0.0000	5.506E-05	0.0004	0.000E+00	0.0000	0.000E+00	0.0000	9.361E-03	0.0702
Am-241	7.448E-03	0.0559	0.000E+00	0.0000	0.000E+00	0.0000	7.487E-05	0.0006	0.000E+00	0.0000	0.000E+00	0.0000	8.658E-03	0.0649
Cs-137	1.426E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.430E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.794E-02	0.2096
Eu-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.412E-03	0.0556
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.436E-03	0.0258
Gd-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.427E-04	0.0018
Ni-63	6.136E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.247E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.530E-04	0.0011
Pa-231	3.246E-02	0.2435	0.000E+00	0.0000	0.000E+00	0.0000	3.264E-04	0.0024	0.000E+00	0.0000	0.000E+00	0.0000	6.773E-02	0.5080
Pu-241	2.247E-03	0.0169	0.000E+00	0.0000	0.000E+00	0.0000	2.258E-05	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	2.635E-03	0.0198
U-235	2.497E-04	0.0019	0.000E+00	0.0000	0.000E+00	0.0000	2.511E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.751E-03	0.0431
Total	4.789E-02	0.3592	0.000E+00	0.0000	0.000E+00	0.0000	4.815E-04	0.0036	0.000E+00	0.0000	0.000E+00	0.0000	1.333E-01	1.0000

*Sum of all water independent and dependent pathways.

Summary : HFBR SU 7C_Residential_Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7C\SU 7C_RESIDENTIAL_BKGD SUBTRACT.RAD

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+02 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	4.106E-04	0.0044	3.363E-05	0.0004	0.000E+00	0.0000	1.682E-04	0.0018	0.000E+00	0.0000	0.000E+00	0.0000	2.540E-05	0.0003
Am-241	2.296E-04	0.0024	5.568E-05	0.0006	0.000E+00	0.0000	4.153E-04	0.0044	0.000E+00	0.0000	0.000E+00	0.0000	1.566E-04	0.0017
Cs-137	8.618E-03	0.0914	2.031E-09	0.0000	0.000E+00	0.0000	1.157E-04	0.0012	0.000E+00	0.0000	0.000E+00	0.0000	1.092E-06	0.0000
Eu-152	5.478E-04	0.0058	4.321E-10	0.0000	0.000E+00	0.0000	2.878E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.347E-09	0.0000
Eu-154	6.660E-05	0.0007	6.226E-11	0.0000	0.000E+00	0.0000	4.723E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.134E-10	0.0000
Gd-152	0.000E+00	0.0000	8.837E-05	0.0009	0.000E+00	0.0000	1.330E-04	0.0014	0.000E+00	0.0000	0.000E+00	0.0000	2.009E-05	0.0002
Ni-63	0.000E+00	0.0000	2.361E-08	0.0000	0.000E+00	0.0000	9.844E-05	0.0010	0.000E+00	0.0000	0.000E+00	0.0000	7.433E-07	0.0000
Pa-231	1.272E-02	0.1350	1.143E-03	0.0121	0.000E+00	0.0000	1.975E-02	0.2094	0.000E+00	0.0000	0.000E+00	0.0000	1.279E-03	0.0136
Pu-241	7.868E-05	0.0008	1.921E-05	0.0002	0.000E+00	0.0000	1.433E-04	0.0015	0.000E+00	0.0000	0.000E+00	0.0000	5.406E-05	0.0006
U-235	4.937E-03	0.0524	2.112E-05	0.0002	0.000E+00	0.0000	1.343E-04	0.0014	0.000E+00	0.0000	0.000E+00	0.0000	1.666E-05	0.0002
Total	2.761E-02	0.2929	1.361E-03	0.0144	0.000E+00	0.0000	2.095E-02	0.2222	0.000E+00	0.0000	0.000E+00	0.0000	1.554E-03	0.0165

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+02 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	9.095E-04	0.0096	0.000E+00	0.0000	0.000E+00	0.0000	9.146E-06	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	1.556E-03	0.0165
Am-241	5.609E-03	0.0595	0.000E+00	0.0000	0.000E+00	0.0000	5.638E-05	0.0006	0.000E+00	0.0000	0.000E+00	0.0000	6.523E-03	0.0692
Cs-137	8.938E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.021E-10	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.735E-03	0.0926
Eu-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.478E-04	0.0058
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.660E-05	0.0007
Gd-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.415E-04	0.0026
Ni-63	4.144E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.218E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.034E-04	0.0011
Pa-231	3.367E-02	0.3572	0.000E+00	0.0000	0.000E+00	0.0000	3.386E-04	0.0036	0.000E+00	0.0000	0.000E+00	0.0000	6.890E-02	0.7308
Pu-241	1.917E-03	0.0203	0.000E+00	0.0000	0.000E+00	0.0000	1.927E-05	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	2.231E-03	0.0237
U-235	2.641E-04	0.0028	0.000E+00	0.0000	0.000E+00	0.0000	2.655E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.375E-03	0.0570
Total	4.238E-02	0.4495	0.000E+00	0.0000	0.000E+00	0.0000	4.261E-04	0.0045	0.000E+00	0.0000	0.000E+00	0.0000	9.428E-02	1.0000

*Sum of all water independent and dependent pathways.

Summary : HFBR SU 7C_Residential_Bkgd Subtract
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Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+02 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	2.427E-10	0.0000	1.988E-11	0.0000	0.000E+00	0.0000	9.942E-11	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.501E-11	0.0000
Am-241	2.469E-05	0.0006	5.882E-06	0.0001	0.000E+00	0.0000	4.465E-05	0.0011	0.000E+00	0.0000	0.000E+00	0.0000	1.655E-05	0.0004
Cs-137	7.855E-07	0.0000	1.851E-13	0.0000	0.000E+00	0.0000	1.055E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.957E-11	0.0000
Eu-152	4.880E-13	0.0000	3.313E-18	0.0000	0.000E+00	0.0000	3.005E-17	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.538E-18	0.0000
Eu-154	1.328E-18	0.0000	1.242E-24	0.0000	0.000E+00	0.0000	9.419E-23	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.423E-23	0.0000
Gd-152	0.000E+00	0.0000	8.497E-05	0.0021	0.000E+00	0.0000	1.279E-04	0.0032	0.000E+00	0.0000	0.000E+00	0.0000	1.932E-05	0.0005
Ni-63	0.000E+00	0.0000	1.025E-09	0.0000	0.000E+00	0.0000	4.274E-06	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	3.227E-08	0.0000
Pa-231	6.814E-03	0.1684	6.104E-04	0.0151	0.000E+00	0.0000	1.035E-02	0.2557	0.000E+00	0.0000	0.000E+00	0.0000	6.773E-04	0.0167
Pu-241	8.560E-06	0.0002	2.044E-06	0.0001	0.000E+00	0.0000	1.548E-05	0.0004	0.000E+00	0.0000	0.000E+00	0.0000	5.750E-06	0.0001
U-235	2.646E-03	0.0654	1.625E-05	0.0004	0.000E+00	0.0000	1.583E-04	0.0039	0.000E+00	0.0000	0.000E+00	0.0000	1.448E-05	0.0004
Total	9.495E-03	0.2347	7.195E-04	0.0178	0.000E+00	0.0000	1.070E-02	0.2644	0.000E+00	0.0000	0.000E+00	0.0000	7.335E-04	0.0181

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+02 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	5.251E-10	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.280E-12	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.074E-10	0.0000
Am-241	5.782E-04	0.0143	0.000E+00	0.0000	0.000E+00	0.0000	5.812E-06	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	6.758E-04	0.0167
Cs-137	4.300E-11	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.361E-13	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.962E-07	0.0000
Eu-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.880E-13	0.0000
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.328E-18	0.0000
Gd-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.322E-04	0.0057
Ni-63	1.789E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.821E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.488E-06	0.0001
Pa-231	1.756E-02	0.4341	0.000E+00	0.0000	0.000E+00	0.0000	1.766E-04	0.0044	0.000E+00	0.0000	0.000E+00	0.0000	3.619E-02	0.8944
Pu-241	2.009E-04	0.0050	0.000E+00	0.0000	0.000E+00	0.0000	2.020E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.348E-04	0.0058
U-235	2.848E-04	0.0070	0.000E+00	0.0000	0.000E+00	0.0000	2.864E-06	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	3.123E-03	0.0772
Total	1.863E-02	0.4604	0.000E+00	0.0000	0.000E+00	0.0000	1.873E-04	0.0046	0.000E+00	0.0000	0.000E+00	0.0000	4.046E-02	1.0000

*Sum of all water independent and dependent pathways.

Summary : HFBR SU 7C_Residential_Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7C\SU 7C_RESIDENTIAL_BKGD SUBTRACT.RAD

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+03 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	3.979E-18	0.0000	3.259E-19	0.0000	0.000E+00	0.0000	1.630E-18	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.461E-19	0.0000
Am-241	1.895E-06	0.0001	3.588E-07	0.0000	0.000E+00	0.0000	3.425E-06	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	1.009E-06	0.0001
Cs-137	6.996E-12	0.0000	1.649E-18	0.0000	0.000E+00	0.0000	9.394E-14	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.868E-16	0.0000
Eu-152	2.375E-24	0.0000	2.788E-18	0.0000	0.000E+00	0.0000	4.197E-18	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.338E-19	0.0000
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Gd-152	0.000E+00	0.0000	8.090E-05	0.0046	0.000E+00	0.0000	1.218E-04	0.0069	0.000E+00	0.0000	0.000E+00	0.0000	1.839E-05	0.0010
Ni-63	0.000E+00	0.0000	2.032E-11	0.0000	0.000E+00	0.0000	8.471E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.397E-10	0.0000
Pa-231	3.008E-03	0.1715	2.695E-04	0.0154	0.000E+00	0.0000	4.568E-03	0.2604	0.000E+00	0.0000	0.000E+00	0.0000	2.990E-04	0.0170
Pu-241	6.416E-07	0.0000	1.245E-07	0.0000	0.000E+00	0.0000	1.160E-06	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	3.503E-07	0.0000
U-235	1.213E-03	0.0691	1.012E-05	0.0006	0.000E+00	0.0000	1.192E-04	0.0068	0.000E+00	0.0000	0.000E+00	0.0000	9.642E-06	0.0005
Total	4.224E-03	0.2408	3.610E-04	0.0206	0.000E+00	0.0000	4.814E-03	0.2744	0.000E+00	0.0000	0.000E+00	0.0000	3.284E-04	0.0187

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+03 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	8.269E-18	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.315E-20	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.453E-17	0.0000
Am-241	3.346E-05	0.0019	0.000E+00	0.0000	0.000E+00	0.0000	3.363E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.048E-05	0.0023
Cs-137	8.229E-16	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.350E-18	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.091E-12	0.0000
Eu-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.618E-18	0.0000
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Gd-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.211E-04	0.0126
Ni-63	3.497E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.559E-11	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.890E-08	0.0000
Pa-231	7.488E-03	0.4269	0.000E+00	0.0000	0.000E+00	0.0000	7.530E-05	0.0043	0.000E+00	0.0000	0.000E+00	0.0000	1.571E-02	0.8956
Pu-241	1.163E-05	0.0007	0.000E+00	0.0000	0.000E+00	0.0000	1.169E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.402E-05	0.0008
U-235	2.025E-04	0.0115	0.000E+00	0.0000	0.000E+00	0.0000	2.036E-06	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	1.556E-03	0.0887
Total	7.736E-03	0.4410	0.000E+00	0.0000	0.000E+00	0.0000	7.779E-05	0.0044	0.000E+00	0.0000	0.000E+00	0.0000	1.754E-02	1.0000

*Sum of all water independent and dependent pathways.

Summary : HFBR SU 7C_Residential_Bkgd Subtract
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Dose/Source Ratios Summed Over All Pathways
Parent and Progeny Principal Radionuclide Contributions Indicated

Parent (i)	Product (j)	Thread Fraction	DSR(j,t) At Time in Years (mrem/yr)/(pCi/g) 0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
Ac-227+D	Ac-227+D	1.000E+00	2.027E+00	2.684E+00	3.385E+00	2.829E+00	6.734E-01	1.120E-01	6.528E-08	1.045E-15
Am-241	Am-241	1.000E+00	1.835E-01	3.700E-01	6.689E-01	6.502E-01	5.184E-01	3.905E-01	4.038E-02	2.347E-03
Am-241	Np-237+D	1.000E+00	2.638E-07	8.114E-07	3.020E-06	5.717E-06	2.463E-05	4.262E-05	8.458E-05	7.740E-05
Am-241	U-233	1.000E+00	9.614E-15	4.551E-14	5.896E-13	2.374E-12	5.089E-11	1.771E-10	1.821E-09	2.951E-09
Am-241	Th-229+D	1.000E+00	6.265E-17	2.564E-16	4.088E-15	2.533E-14	2.494E-12	1.788E-11	1.141E-09	4.625E-09
Am-241	∑DSR(j)		1.835E-01	3.700E-01	6.689E-01	6.503E-01	5.185E-01	3.906E-01	4.047E-02	2.424E-03
Cs-137+D	Cs-137+D	1.000E+00	1.791E+00	1.750E+00	1.595E+00	1.420E+00	5.600E-01	1.750E-01	1.596E-05	1.421E-10
Eu-152	Eu-152	7.208E-01	2.600E+00	2.468E+00	2.004E+00	1.544E+00	1.922E-01	1.420E-02	1.265E-11	6.159E-23
Eu-152	Eu-152	2.792E-01	1.007E+00	9.560E-01	7.762E-01	5.982E-01	7.444E-02	5.502E-03	4.901E-12	2.385E-23
Eu-152	Gd-152	2.792E-01	7.725E-18	2.265E-17	7.513E-17	1.270E-16	2.790E-16	2.977E-16	2.878E-16	2.740E-16
Eu-152	∑DSR(j)		1.007E+00	9.560E-01	7.762E-01	5.982E-01	7.444E-02	5.502E-03	4.902E-12	2.740E-16
Eu-154	Eu-154	1.000E+00	3.887E+00	3.592E+00	2.620E+00	1.766E+00	7.535E-02	1.461E-03	2.913E-17	2.183E-34
Gd-152	Gd-152	1.000E+00	8.772E-03	8.771E-03	8.768E-03	8.763E-03	8.729E-03	8.686E-03	8.352E-03	7.952E-03
Ni-63	Ni-63	1.000E+00	3.480E-04	3.458E-04	3.374E-04	3.270E-04	2.448E-04	1.654E-04	7.181E-06	1.422E-07
Pa-231	Pa-231	1.000E+00	1.480E+00	1.562E+00	1.885E+00	2.105E+00	1.971E+00	1.815E+00	9.380E-01	4.098E-01
Pa-231	Ac-227+D	1.000E+00	3.325E-02	1.175E-01	6.307E-01	1.139E+00	2.902E+00	3.142E+00	1.665E+00	7.203E-01
Pa-231	∑DSR(j)		1.514E+00	1.679E+00	2.516E+00	3.244E+00	4.873E+00	4.957E+00	2.603E+00	1.130E+00
Pu-241	Pu-241	1.000E+00	1.214E-03	1.157E-03	9.542E-04	7.499E-04	1.092E-04	9.817E-06	4.198E-14	1.451E-24
Pu-241	Am-241	1.000E+00	1.190E-04	5.404E-04	3.952E-03	7.720E-03	1.700E-02	1.448E-02	1.522E-03	8.844E-05
Pu-241	Np-237+D	1.000E+00	1.359E-10	9.727E-10	1.219E-08	4.112E-08	5.290E-07	1.179E-06	2.807E-06	2.592E-06
Pu-241	U-233	1.000E+00	6.064E-18	4.801E-17	1.559E-15	1.144E-14	8.426E-13	4.092E-12	5.799E-11	9.737E-11
Pu-241	Th-229+D	1.000E+00	4.978E-20	3.183E-19	9.957E-18	1.016E-16	3.379E-14	3.551E-13	3.458E-11	1.483E-10
Pu-241	∑DSR(j)		1.333E-03	1.697E-03	4.906E-03	8.470E-03	1.711E-02	1.449E-02	1.525E-03	9.103E-05
Pu-241+D	Pu-241+D	2.450E-05	6.992E-06	6.663E-06	5.495E-06	4.319E-06	6.287E-07	5.654E-08	2.417E-16	8.359E-27
Pu-241+D	Np-237+D	2.450E-05	6.348E-12	1.908E-11	6.442E-11	1.101E-10	2.538E-10	2.763E-10	2.472E-10	2.113E-10
Pu-241+D	U-233	2.450E-05	1.085E-19	6.498E-19	8.554E-18	3.493E-17	6.669E-16	1.667E-15	6.912E-15	9.003E-15
Pu-241+D	Th-229+D	2.450E-05	1.314E-22	1.925E-21	8.165E-20	5.318E-19	3.907E-17	2.073E-16	5.465E-15	1.687E-14
Pu-241+D	∑DSR(j)		6.992E-06	6.663E-06	5.495E-06	4.319E-06	6.290E-07	5.681E-08	2.472E-10	2.113E-10
U-235+D	U-235+D	1.000E+00	4.275E-01	4.289E-01	4.346E-01	4.370E-01	4.097E-01	3.779E-01	1.980E-01	8.823E-02
U-235+D	Pa-231	1.000E+00	1.519E-05	4.899E-05	2.188E-04	4.671E-04	2.107E-03	3.863E-03	9.986E-03	8.768E-03
U-235+D	Ac-227+D	1.000E+00	2.571E-07	1.951E-06	3.717E-05	1.344E-04	1.977E-03	4.965E-03	1.669E-02	1.496E-02
U-235+D	∑DSR(j)		4.275E-01	4.290E-01	4.348E-01	4.376E-01	4.138E-01	3.867E-01	2.247E-01	1.120E-01

The DSR includes contributions from associated (half-life ≤ 180 days) daughters.

Summary : HFBR SU 7C_Residential_Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7C\SU 7C_RESIDENTIAL_BKGD SUBTRACT.RAD

Single Radionuclide Soil Guidelines G(i,t) in pCi/g
Basic Radiation Dose Limit = 2.500E+01 mrem/yr

Nuclide (i)	t= 0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
Ac-227	1.233E+01	9.313E+00	7.386E+00	8.837E+00	3.712E+01	2.233E+02	3.830E+08	*7.232E+13
Am-241	1.363E+02	6.757E+01	3.737E+01	3.845E+01	4.822E+01	6.401E+01	6.178E+02	1.031E+04
Cs-137	1.395E+01	1.428E+01	1.568E+01	1.761E+01	4.464E+01	1.428E+02	1.567E+06	1.759E+11
Eu-152	6.931E+00	7.301E+00	8.993E+00	1.167E+01	9.377E+01	1.269E+03	1.424E+12	*1.765E+14
Eu-154	6.432E+00	6.960E+00	9.541E+00	1.415E+01	3.318E+02	1.712E+04	*2.639E+14	*2.639E+14
Gd-152	*2.179E+01	*2.179E+01	*2.179E+01	*2.179E+01	*2.179E+01	*2.179E+01	*2.179E+01	*2.179E+01
Ni-63	7.184E+04	7.229E+04	7.411E+04	7.645E+04	1.021E+05	1.511E+05	3.482E+06	1.758E+08
Pa-231	1.652E+01	1.489E+01	9.936E+00	7.706E+00	5.131E+00	5.043E+00	9.603E+00	2.212E+01
Pu-241	1.866E+04	1.467E+04	5.090E+03	2.950E+03	1.461E+03	1.725E+03	1.640E+04	2.746E+05
U-235	5.848E+01	5.828E+01	5.749E+01	5.713E+01	6.042E+01	6.465E+01	1.113E+02	2.233E+02

*At specific activity limit

Summed Dose/Source Ratios DSR(i,t) in (mrem/yr)/(pCi/g)
and Single Radionuclide Soil Guidelines G(i,t) in pCi/g
at tmin = time of minimum single radionuclide soil guideline
and at tmax = time of maximum total dose = 0.000E+00 years

Nuclide (i)	Initial (pCi/g)	tmin (years)	DSR(i,tmin)	G(i,tmin) (pCi/g)	DSR(i,tmax)	G(i,tmax) (pCi/g)
Ac-227	1.390E-02	2.889 ± 0.006	3.629E+00	6.889E+00	2.027E+00	1.233E+01
Am-241	1.670E-02	3.158 ± 0.006	6.759E-01	3.699E+01	1.835E-01	1.363E+02
Cs-137	4.990E-02	0.000E+00	1.791E+00	1.395E+01	1.791E+00	1.395E+01
Eu-152	2.780E-02	0.000E+00	3.607E+00	6.931E+00	3.607E+00	6.931E+00
Eu-154	4.560E-02	0.000E+00	3.887E+00	6.432E+00	3.887E+00	6.432E+00
Gd-152	2.780E-02	0.000E+00	8.772E-03	*2.179E+01	8.772E-03	*2.179E+01
Ni-63	6.250E-01	0.000E+00	3.480E-04	7.184E+04	3.480E-04	7.184E+04
Pa-231	1.390E-02	76.3 ± 0.2	5.020E+00	4.980E+00	1.514E+00	1.652E+01
Pu-241	1.540E-01	50.8 ± 0.1	1.711E-02	1.461E+03	1.340E-03	1.866E+04
U-235	1.390E-02	8.07 ± 0.02	4.388E-01	5.697E+01	4.275E-01	5.848E+01

*At specific activity limit

Summary : HFBR SU 7C_Residential_Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7C\SU 7C_RESIDENTIAL_BKGD SUBTRACT.RAD

Individual Nuclide Dose Summed Over All Pathways
Parent Nuclide and Branch Fraction Indicated

Nuclide (j)	Parent (i)	THF(i)	DOSE(j,t), mrem/yr t= 0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
Ac-227	Ac-227	1.000E+00	2.818E-02	3.731E-02	4.705E-02	3.932E-02	9.361E-03	1.556E-03	9.074E-10	1.453E-17
Ac-227	Pa-231	1.000E+00	4.621E-04	1.634E-03	8.766E-03	1.583E-02	4.033E-02	4.367E-02	2.315E-02	1.001E-02
Ac-227	U-235	1.000E+00	3.573E-09	2.712E-08	5.167E-07	1.868E-06	2.749E-05	6.901E-05	2.320E-04	2.079E-04
Ac-227	∑DOSE(j)		2.864E-02	3.895E-02	5.582E-02	5.515E-02	4.972E-02	4.530E-02	2.338E-02	1.022E-02
Am-241	Am-241	1.000E+00	3.064E-03	6.179E-03	1.117E-02	1.086E-02	8.658E-03	6.522E-03	6.744E-04	3.919E-05
Am-241	Pu-241	1.000E+00	1.833E-05	8.322E-05	6.086E-04	1.189E-03	2.618E-03	2.230E-03	2.344E-04	1.362E-05
Am-241	∑DOSE(j)		3.082E-03	6.262E-03	1.178E-02	1.205E-02	1.128E-02	8.752E-03	9.087E-04	5.281E-05
Np-237	Am-241	1.000E+00	4.405E-09	1.355E-08	5.043E-08	9.547E-08	4.113E-07	7.118E-07	1.413E-06	1.293E-06
Np-237	Pu-241	1.000E+00	2.092E-11	1.498E-10	1.877E-09	6.333E-09	8.146E-08	1.815E-07	4.323E-07	3.991E-07
Np-237	Pu-241	2.450E-05	9.776E-13	2.938E-12	9.921E-12	1.695E-11	3.908E-11	4.255E-11	3.807E-11	3.254E-11
Np-237	∑DOSE(j)		4.427E-09	1.370E-08	5.231E-08	1.018E-07	4.928E-07	8.933E-07	1.845E-06	1.692E-06
U-233	Am-241	1.000E+00	1.606E-16	7.599E-16	9.847E-15	3.965E-14	8.498E-13	2.958E-12	3.041E-11	4.928E-11
U-233	Pu-241	1.000E+00	9.339E-19	7.393E-18	2.400E-16	1.762E-15	1.298E-13	6.301E-13	8.931E-12	1.499E-11
U-233	Pu-241	2.450E-05	1.671E-20	1.001E-19	1.317E-18	5.380E-18	1.027E-16	2.567E-16	1.064E-15	1.386E-15
U-233	∑DOSE(j)		1.615E-16	7.674E-16	1.009E-14	4.142E-14	9.797E-13	3.588E-12	3.934E-11	6.428E-11
Th-229	Am-241	1.000E+00	1.046E-18	4.281E-18	6.827E-17	4.230E-16	4.165E-14	2.987E-13	1.905E-11	7.724E-11
Th-229	Pu-241	1.000E+00	7.666E-21	4.902E-20	1.533E-18	1.564E-17	5.203E-15	5.469E-14	5.325E-12	2.284E-11
Th-229	Pu-241	2.450E-05	2.023E-23	2.964E-22	1.257E-20	8.190E-20	6.017E-18	3.192E-17	8.415E-16	2.598E-15
Th-229	∑DOSE(j)		1.054E-18	4.330E-18	6.981E-17	4.387E-16	4.686E-14	3.534E-13	2.437E-11	1.001E-10
Cs-137	Cs-137	1.000E+00	8.939E-02	8.734E-02	7.958E-02	7.084E-02	2.794E-02	8.735E-03	7.962E-07	7.091E-12
Eu-152	Eu-152	7.208E-01	7.228E-02	6.861E-02	5.571E-02	4.293E-02	5.343E-03	3.949E-04	3.518E-13	1.712E-24
Eu-152	Eu-152	2.792E-01	2.800E-02	2.658E-02	2.158E-02	1.663E-02	2.069E-03	1.530E-04	1.363E-13	6.632E-25
Eu-152	∑DOSE(j)		1.003E-01	9.519E-02	7.728E-02	5.956E-02	7.412E-03	5.478E-04	4.880E-13	2.375E-24
Gd-152	Eu-152	2.792E-01	2.147E-19	6.296E-19	2.089E-18	3.532E-18	7.757E-18	8.277E-18	8.001E-18	7.618E-18
Gd-152	Gd-152	1.000E+00	2.439E-04	2.438E-04	2.437E-04	2.436E-04	2.427E-04	2.415E-04	2.322E-04	2.211E-04
Gd-152	∑DOSE(j)		2.439E-04	2.438E-04	2.437E-04	2.436E-04	2.427E-04	2.415E-04	2.322E-04	2.211E-04
Eu-154	Eu-154	1.000E+00	1.772E-01	1.638E-01	1.195E-01	8.055E-02	3.436E-03	6.660E-05	1.328E-18	0.000E+00
Ni-63	Ni-63	1.000E+00	2.175E-04	2.162E-04	2.108E-04	2.044E-04	1.530E-04	1.034E-04	4.488E-06	8.890E-08
Pa-231	Pa-231	1.000E+00	2.058E-02	2.171E-02	2.621E-02	2.926E-02	2.740E-02	2.523E-02	1.304E-02	5.697E-03
Pa-231	U-235	1.000E+00	2.112E-07	6.810E-07	3.042E-06	6.492E-06	2.928E-05	5.370E-05	1.388E-04	1.219E-04
Pa-231	∑DOSE(j)		2.058E-02	2.171E-02	2.621E-02	2.927E-02	2.743E-02	2.528E-02	1.318E-02	5.818E-03
Pu-241	Pu-241	1.000E+00	1.870E-04	1.782E-04	1.469E-04	1.155E-04	1.681E-05	1.512E-06	6.465E-15	2.235E-25
Pu-241	Pu-241	2.450E-05	1.077E-06	1.026E-06	8.462E-07	6.651E-07	9.682E-08	8.707E-09	3.723E-17	1.287E-27
Pu-241	∑DOSE(j)		1.880E-04	1.792E-04	1.478E-04	1.162E-04	1.691E-05	1.521E-06	6.502E-15	2.248E-25
U-235	U-235	1.000E+00	5.942E-03	5.962E-03	6.041E-03	6.075E-03	5.695E-03	5.253E-03	2.752E-03	1.226E-03

THF(i) is the thread fraction of the parent nuclide.

Summary : HFBR SU 7C_Residential_Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7C\SU 7C_RESIDENTIAL_BKGD SUBTRACT.RAD

Individual Nuclide Soil Concentration
Parent Nuclide and Branch Fraction Indicated

Nuclide (j)	Parent (i)	THF(i)	S(j,t), pCi/g t= 0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
Ac-227	Ac-227	1.000E+00	1.390E-02	1.341E-02	1.162E-02	9.712E-03	2.315E-03	3.854E-04	2.279E-10	3.735E-18
Ac-227	Pa-231	1.000E+00	0.000E+00	4.343E-04	2.017E-03	3.687E-03	9.763E-03	1.062E-02	5.709E-03	2.521E-03
Ac-227	U-235	1.000E+00	0.000E+00	4.621E-09	1.097E-07	4.122E-07	6.573E-06	1.668E-05	5.716E-05	5.231E-05
Ac-227	∑S(j):		1.390E-02	1.384E-02	1.364E-02	1.340E-02	1.208E-02	1.102E-02	5.767E-03	2.573E-03
Am-241	Am-241	1.000E+00	1.670E-02	1.661E-02	1.624E-02	1.579E-02	1.261E-02	9.519E-03	1.005E-03	6.044E-05
Am-241	Pu-241	1.000E+00	0.000E+00	2.404E-04	1.082E-03	1.902E-03	3.860E-03	3.261E-03	3.492E-04	2.101E-05
Am-241	∑S(j):		1.670E-02	1.685E-02	1.732E-02	1.769E-02	1.647E-02	1.278E-02	1.354E-03	8.145E-05
Np-237	Am-241	1.000E+00	0.000E+00	5.393E-09	2.665E-08	5.252E-08	2.338E-07	4.067E-07	8.096E-07	7.405E-07
Np-237	Pu-241	1.000E+00	0.000E+00	3.928E-11	9.150E-10	3.358E-09	4.613E-08	1.036E-07	2.478E-07	2.287E-07
Np-237	Pu-241	2.450E-05	0.000E+00	1.193E-12	5.426E-12	9.681E-12	2.284E-11	2.454E-11	2.182E-11	1.864E-11
Np-237	∑S(j):		0.000E+00	5.434E-09	2.757E-08	5.588E-08	2.800E-07	5.104E-07	1.057E-06	9.692E-07
U-233	Am-241	1.000E+00	0.000E+00	1.180E-14	2.920E-13	1.153E-12	2.611E-11	9.252E-11	9.703E-10	1.602E-09
U-233	Pu-241	1.000E+00	0.000E+00	5.750E-17	6.804E-15	5.092E-14	3.961E-12	1.966E-11	2.850E-10	4.873E-10
U-233	Pu-241	2.450E-05	0.000E+00	2.628E-18	6.155E-17	2.275E-16	3.324E-15	8.124E-15	3.398E-14	4.508E-14
U-233	∑S(j):		0.000E+00	1.186E-14	2.989E-13	1.205E-12	3.008E-11	1.122E-10	1.255E-09	2.089E-09
Th-229	Am-241	1.000E+00	0.000E+00	3.716E-19	4.610E-17	3.653E-16	4.235E-14	3.090E-13	1.995E-11	8.100E-11
Th-229	Pu-241	1.000E+00	0.000E+00	1.361E-21	8.142E-19	1.235E-17	5.245E-15	5.643E-14	5.576E-12	2.396E-11
Th-229	Pu-241	2.450E-05	0.000E+00	8.307E-23	9.885E-21	7.450E-20	6.157E-18	3.312E-17	8.818E-16	2.726E-15
Th-229	∑S(j):		0.000E+00	3.730E-19	4.692E-17	3.777E-16	4.760E-14	3.654E-13	2.553E-11	1.050E-10
Cs-137	Cs-137	1.000E+00	4.990E-02	4.875E-02	4.442E-02	3.955E-02	1.560E-02	4.876E-03	4.444E-07	3.958E-12
Eu-152	Eu-152	7.208E-01	2.004E-02	1.902E-02	1.544E-02	1.190E-02	1.481E-03	1.095E-04	9.752E-14	4.746E-25
Eu-152	Eu-152	2.792E-01	7.762E-03	7.368E-03	5.982E-03	4.610E-03	5.737E-04	4.240E-05	3.778E-14	1.838E-25
Eu-152	∑S(j):		2.780E-02	2.639E-02	2.142E-02	1.651E-02	2.055E-03	1.519E-04	1.353E-13	6.585E-25
Gd-152	Eu-152	2.792E-01	0.000E+00	4.854E-17	2.192E-16	3.881E-16	8.825E-16	9.434E-16	9.121E-16	8.685E-16
Gd-152	Gd-152	1.000E+00	2.780E-02	2.780E-02	2.779E-02	2.777E-02	2.766E-02	2.753E-02	2.647E-02	2.520E-02
Gd-152	∑S(j):		2.780E-02	2.780E-02	2.779E-02	2.777E-02	2.766E-02	2.753E-02	2.647E-02	2.520E-02
Eu-154	Eu-154	1.000E+00	4.560E-02	4.214E-02	3.074E-02	2.072E-02	8.840E-04	1.714E-05	3.417E-19	2.561E-36
Ni-63	Ni-63	1.000E+00	6.250E-01	6.201E-01	6.010E-01	5.779E-01	4.223E-01	2.853E-01	1.239E-02	2.455E-04
Pa-231	Pa-231	1.000E+00	1.390E-02	1.388E-02	1.379E-02	1.367E-02	1.281E-02	1.180E-02	6.137E-03	2.709E-03
Pa-231	U-235	1.000E+00	0.000E+00	2.936E-07	1.459E-06	2.894E-06	1.356E-05	2.500E-05	6.527E-05	5.794E-05
Pa-231	∑S(j):		1.390E-02	1.388E-02	1.379E-02	1.368E-02	1.282E-02	1.183E-02	6.202E-03	2.767E-03
Pu-241	Pu-241	1.000E+00	1.540E-01	1.468E-01	1.210E-01	9.512E-02	1.385E-02	1.245E-03	5.325E-12	1.841E-22
Pu-241	Pu-241	2.450E-05	3.773E-06	3.596E-06	2.965E-06	2.331E-06	3.393E-07	3.051E-08	1.305E-16	4.511E-27
Pu-241	∑S(j):		1.540E-01	1.468E-01	1.210E-01	9.513E-02	1.385E-02	1.245E-03	5.325E-12	1.841E-22
U-235	U-235	1.000E+00	1.390E-02	1.388E-02	1.379E-02	1.368E-02	1.282E-02	1.183E-02	6.202E-03	2.767E-03

THF(i) is the thread fraction of the parent nuclide.

RESCALC.EXE execution time = 24.55 seconds

Summary : HFBR SU 7D_Industrial_Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7D\SU 7D_INDUSTRIAL_BKGD SUBTRACT.RAD

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Dose Conversion Factor (and Related) Parameter Summary
Dose Library: FGR 11

Menu	Parameter	Current Value#	Base Case*	Parameter Name
A-1	DCF's for external ground radiation, (mrem/yr)/(pCi/g)			
A-1	At-218 (Source: FGR 12)	5.847E-03	5.847E-03	DCF1(1)
A-1	Ba-137m (Source: FGR 12)	3.606E+00	3.606E+00	DCF1(2)
A-1	Bi-210 (Source: FGR 12)	3.606E-03	3.606E-03	DCF1(3)
A-1	Bi-214 (Source: FGR 12)	9.808E+00	9.808E+00	DCF1(4)
A-1	Cs-137 (Source: FGR 12)	7.510E-04	7.510E-04	DCF1(5)
A-1	Eu-152 (Source: FGR 12)	7.006E+00	7.006E+00	DCF1(6)
A-1	Eu-154 (Source: FGR 12)	7.678E+00	7.678E+00	DCF1(7)
A-1	Gd-152 (Source: FGR 12)	0.000E+00	0.000E+00	DCF1(8)
A-1	Ni-63 (Source: FGR 12)	0.000E+00	0.000E+00	DCF1(9)
A-1	Pb-210 (Source: FGR 12)	2.447E-03	2.447E-03	DCF1(10)
A-1	Pb-214 (Source: FGR 12)	1.341E+00	1.341E+00	DCF1(11)
A-1	Po-210 (Source: FGR 12)	5.231E-05	5.231E-05	DCF1(12)
A-1	Po-214 (Source: FGR 12)	5.138E-04	5.138E-04	DCF1(13)
A-1	Po-218 (Source: FGR 12)	5.642E-05	5.642E-05	DCF1(14)
A-1	Ra-226 (Source: FGR 12)	3.176E-02	3.176E-02	DCF1(15)
A-1	Rn-222 (Source: FGR 12)	2.354E-03	2.354E-03	DCF1(16)
A-1	Tl-210 (Source: no data)	0.000E+00	-2.000E+00	DCF1(17)
B-1	Dose conversion factors for inhalation, mrem/pCi:			
B-1	Cs-137+D	3.190E-05	3.190E-05	DCF2(1)
B-1	Eu-152	2.210E-04	2.210E-04	DCF2(2)
B-1	Eu-154	2.860E-04	2.860E-04	DCF2(4)
B-1	Gd-152	2.430E-01	2.430E-01	DCF2(5)
B-1	Ni-63	6.290E-06	6.290E-06	DCF2(6)
B-1	Pb-210+D	2.320E-02	1.360E-02	DCF2(7)
B-1	Ra-226+D	8.594E-03	8.580E-03	DCF2(8)
D-1	Dose conversion factors for ingestion, mrem/pCi:			
D-1	Cs-137+D	5.000E-05	5.000E-05	DCF3(1)
D-1	Eu-152	6.480E-06	6.480E-06	DCF3(2)
D-1	Eu-154	9.550E-06	9.550E-06	DCF3(4)
D-1	Gd-152	1.610E-04	1.610E-04	DCF3(5)
D-1	Ni-63	5.770E-07	5.770E-07	DCF3(6)
D-1	Pb-210+D	7.276E-03	5.370E-03	DCF3(7)
D-1	Ra-226+D	1.321E-03	1.320E-03	DCF3(8)
D-34	Food transfer factors:			
D-34	Cs-137+D , plant/soil concentration ratio, dimensionless	4.000E-02	4.000E-02	RTF(1,1)
D-34	Cs-137+D , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	3.000E-02	3.000E-02	RTF(1,2)
D-34	Cs-137+D , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	8.000E-03	8.000E-03	RTF(1,3)
D-34				
D-34	Eu-152 , plant/soil concentration ratio, dimensionless	2.500E-03	2.500E-03	RTF(2,1)
D-34	Eu-152 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	2.000E-03	2.000E-03	RTF(2,2)
D-34	Eu-152 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	5.000E-05	5.000E-05	RTF(2,3)
D-34				
D-34	Eu-154 , plant/soil concentration ratio, dimensionless	2.500E-03	2.500E-03	RTF(4,1)
D-34	Eu-154 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	2.000E-03	2.000E-03	RTF(4,2)
D-34	Eu-154 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	5.000E-05	5.000E-05	RTF(4,3)
D-34				

Dose Conversion Factor (and Related) Parameter Summary (continued)
Dose Library: FGR 11

Menu	Parameter	Current Value#	Base Case*	Parameter Name
D-34	Gd-152 , plant/soil concentration ratio, dimensionless	2.500E-03	2.500E-03	RTF(5,1)
D-34	Gd-152 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	2.000E-03	2.000E-03	RTF(5,2)
D-34	Gd-152 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	2.000E-05	2.000E-05	RTF(5,3)
D-34				
D-34	Ni-63 , plant/soil concentration ratio, dimensionless	5.000E-02	5.000E-02	RTF(6,1)
D-34	Ni-63 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	5.000E-03	5.000E-03	RTF(6,2)
D-34	Ni-63 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	2.000E-02	2.000E-02	RTF(6,3)
D-34				
D-34	Pb-210+D , plant/soil concentration ratio, dimensionless	1.000E-02	1.000E-02	RTF(7,1)
D-34	Pb-210+D , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	8.000E-04	8.000E-04	RTF(7,2)
D-34	Pb-210+D , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	3.000E-04	3.000E-04	RTF(7,3)
D-34				
D-34	Ra-226+D , plant/soil concentration ratio, dimensionless	4.000E-02	4.000E-02	RTF(8,1)
D-34	Ra-226+D , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	1.000E-03	1.000E-03	RTF(8,2)
D-34	Ra-226+D , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	1.000E-03	1.000E-03	RTF(8,3)
D-5	Bioaccumulation factors, fresh water, L/kg:			
D-5	Cs-137+D , fish	2.000E+03	2.000E+03	BIOFAC(1,1)
D-5	Cs-137+D , crustacea and mollusks	1.000E+02	1.000E+02	BIOFAC(1,2)
D-5				
D-5	Eu-152 , fish	5.000E+01	5.000E+01	BIOFAC(2,1)
D-5	Eu-152 , crustacea and mollusks	1.000E+03	1.000E+03	BIOFAC(2,2)
D-5				
D-5	Eu-154 , fish	5.000E+01	5.000E+01	BIOFAC(4,1)
D-5	Eu-154 , crustacea and mollusks	1.000E+03	1.000E+03	BIOFAC(4,2)
D-5				
D-5	Gd-152 , fish	2.500E+01	2.500E+01	BIOFAC(5,1)
D-5	Gd-152 , crustacea and mollusks	1.000E+03	1.000E+03	BIOFAC(5,2)
D-5				
D-5	Ni-63 , fish	1.000E+02	1.000E+02	BIOFAC(6,1)
D-5	Ni-63 , crustacea and mollusks	1.000E+02	1.000E+02	BIOFAC(6,2)
D-5				
D-5	Pb-210+D , fish	3.000E+02	3.000E+02	BIOFAC(7,1)
D-5	Pb-210+D , crustacea and mollusks	1.000E+02	1.000E+02	BIOFAC(7,2)
D-5				
D-5	Ra-226+D , fish	5.000E+01	5.000E+01	BIOFAC(8,1)
D-5	Ra-226+D , crustacea and mollusks	2.500E+02	2.500E+02	BIOFAC(8,2)

#For DCF1(xxx) only, factors are for infinite depth & area. See ETFG table in Ground Pathway of Detailed Report.
*Base Case means Default.Lib w/o Associate Nuclide contributions.

Summary : HFBR SU 7D_Industrial_Bkgd Subtract
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Site-Specific Parameter Summary

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R011	Area of contaminated zone (m**2)	1.543E+03	1.000E+04	---	AREA
R011	Thickness of contaminated zone (m)	5.000E+00	2.000E+00	---	THICK0
R011	Fraction of contamination that is submerged	0.000E+00	0.000E+00	---	SUBMFRACT
R011	Length parallel to aquifer flow (m)	3.900E+01	1.000E+02	---	LCZPAQ
R011	Basic radiation dose limit (mrem/yr)	2.500E+01	3.000E+01	---	BRDL
R011	Time since placement of material (yr)	0.000E+00	0.000E+00	---	TI
R011	Times for calculations (yr)	1.000E+00	1.000E+00	---	T(2)
R011	Times for calculations (yr)	5.000E+00	3.000E+00	---	T(3)
R011	Times for calculations (yr)	1.000E+01	1.000E+01	---	T(4)
R011	Times for calculations (yr)	5.000E+01	3.000E+01	---	T(5)
R011	Times for calculations (yr)	1.000E+02	1.000E+02	---	T(6)
R011	Times for calculations (yr)	5.000E+02	3.000E+02	---	T(7)
R011	Times for calculations (yr)	1.000E+03	1.000E+03	---	T(8)
R011	Times for calculations (yr)	not used	0.000E+00	---	T(9)
R011	Times for calculations (yr)	not used	0.000E+00	---	T(10)
R012	Initial principal radionuclide (pCi/g): Cs-137	2.060E-01	0.000E+00	---	S1(1)
R012	Initial principal radionuclide (pCi/g): Eu-152	1.470E-01	0.000E+00	---	S1(2)
R012	Initial principal radionuclide (pCi/g): Eu-154	1.010E-01	0.000E+00	---	S1(4)
R012	Initial principal radionuclide (pCi/g): Gd-152	1.470E-01	0.000E+00	---	S1(5)
R012	Initial principal radionuclide (pCi/g): Ni-63	3.980E-01	0.000E+00	---	S1(6)
R012	Initial principal radionuclide (pCi/g): Pb-210	2.150E-02	0.000E+00	---	S1(7)
R012	Initial principal radionuclide (pCi/g): Ra-226	2.150E-02	0.000E+00	---	S1(8)
R012	Concentration in groundwater (pCi/L): Cs-137	not used	0.000E+00	---	W1(1)
R012	Concentration in groundwater (pCi/L): Eu-152	not used	0.000E+00	---	W1(2)
R012	Concentration in groundwater (pCi/L): Eu-154	not used	0.000E+00	---	W1(4)
R012	Concentration in groundwater (pCi/L): Gd-152	not used	0.000E+00	---	W1(5)
R012	Concentration in groundwater (pCi/L): Ni-63	not used	0.000E+00	---	W1(6)
R012	Concentration in groundwater (pCi/L): Pb-210	not used	0.000E+00	---	W1(7)
R012	Concentration in groundwater (pCi/L): Ra-226	not used	0.000E+00	---	W1(8)
R013	Cover depth (m)	0.000E+00	0.000E+00	---	COVER0
R013	Density of cover material (g/cm**3)	not used	1.500E+00	---	DENSCV
R013	Cover depth erosion rate (m/yr)	not used	1.000E-03	---	VCV
R013	Density of contaminated zone (g/cm**3)	1.660E+00	1.500E+00	---	DENSCZ
R013	Contaminated zone erosion rate (m/yr)	1.000E-03	1.000E-03	---	VCZ
R013	Contaminated zone total porosity	3.300E-01	4.000E-01	---	TPCZ
R013	Contaminated zone field capacity	2.400E-01	2.000E-01	---	FCCZ
R013	Contaminated zone hydraulic conductivity (m/yr)	5.000E+03	1.000E+01	---	HCCZ
R013	Contaminated zone b parameter	4.900E+00	5.300E+00	---	BCZ
R013	Average annual wind speed (m/sec)	6.230E+00	2.000E+00	---	WIND
R013	Humidity in air (g/m**3)	not used	8.000E+00	---	HUMID
R013	Evapotranspiration coefficient	4.600E-01	5.000E-01	---	EVAPTR
R013	Precipitation (m/yr)	1.230E+00	1.000E+00	---	PRECIP
R013	Irrigation (m/yr)	2.600E-01	2.000E-01	---	RI
R013	Irrigation mode	overhead	overhead	---	IDITCH
R013	Runoff coefficient	2.000E-01	2.000E-01	---	RUNOFF
R013	Watershed area for nearby stream or pond (m**2)	1.000E+06	1.000E+06	---	WAREA
R013	Accuracy for water/soil computations	1.000E-03	1.000E-03	---	EPS

Site-Specific Parameter Summary (continued)

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R014	Density of saturated zone (g/cm**3)	1.660E+00	1.500E+00	---	DENSAQ
R014	Saturated zone total porosity	3.300E-01	4.000E-01	---	TPSZ
R014	Saturated zone effective porosity	2.400E-01	2.000E-01	---	EPSZ
R014	Saturated zone field capacity	2.000E-01	2.000E-01	---	FCSZ
R014	Saturated zone hydraulic conductivity (m/yr)	2.000E+04	1.000E+02	---	HCSZ
R014	Saturated zone hydraulic gradient	4.800E-03	2.000E-02	---	HGWT
R014	Saturated zone b parameter	4.900E+00	5.300E+00	---	BSZ
R014	Water table drop rate (m/yr)	1.000E-03	1.000E-03	---	VWT
R014	Well pump intake depth (m below water table)	1.800E+01	1.000E+01	---	DWIBWT
R014	Model: Nondispersion (ND) or Mass-Balance (MB)	ND	ND	---	MODEL
R014	Well pumping rate (m**3/yr)	2.500E+02	2.500E+02	---	UW
R015	Number of unsaturated zone strata	1	1	---	NS
R015	Unsat. zone 1, thickness (m)	0.000E+00	4.000E+00	---	H(1)
R015	Unsat. zone 1, soil density (g/cm**3)	1.660E+00	1.500E+00	---	DENSUZ(1)
R015	Unsat. zone 1, total porosity	3.300E-01	4.000E-01	---	TPUZ(1)
R015	Unsat. zone 1, effective porosity	2.400E-01	2.000E-01	---	EPUZ(1)
R015	Unsat. zone 1, field capacity	2.000E-01	2.000E-01	---	FCUZ(1)
R015	Unsat. zone 1, soil-specific b parameter	4.900E+00	5.300E+00	---	BUZ(1)
R015	Unsat. zone 1, hydraulic conductivity (m/yr)	5.000E+03	1.000E+01	---	HCUZ(1)
R016	Distribution coefficients for Cs-137				
R016	Contaminated zone (cm**3/g)	5.300E+02	4.600E+03	---	DCNUCC(1)
R016	Unsaturated zone 1 (cm**3/g)	5.300E+02	4.600E+03	---	DCNUCU(1,1)
R016	Saturated zone (cm**3/g)	5.300E+02	4.600E+03	---	DCNUCS(1)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	1.527E-04	ALEACH(1)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(1)
R016	Distribution coefficients for Eu-152				
R016	Contaminated zone (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCC(2)
R016	Unsaturated zone 1 (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCU(2,1)
R016	Saturated zone (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCS(2)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	9.810E-05	ALEACH(2)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(2)
R016	Distribution coefficients for Eu-154				
R016	Contaminated zone (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCC(4)
R016	Unsaturated zone 1 (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCU(4,1)
R016	Saturated zone (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCS(4)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	9.810E-05	ALEACH(4)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(4)
R016	Distribution coefficients for Gd-152				
R016	Contaminated zone (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCC(5)
R016	Unsaturated zone 1 (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCU(5,1)
R016	Saturated zone (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCS(5)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	9.810E-05	ALEACH(5)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(5)

Site-Specific Parameter Summary (continued)

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R016	Distribution coefficients for Ni-63				
R016	Contaminated zone (cm**3/g)	1.000E+03	1.000E+03	---	DCNUCC(6)
R016	Unsaturated zone 1 (cm**3/g)	1.000E+03	1.000E+03	---	DCNUCU(6,1)
R016	Saturated zone (cm**3/g)	1.000E+03	1.000E+03	---	DCNUCS(6)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	8.092E-05	ALEACH(6)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(6)
R016	Distribution coefficients for Pb-210				
R016	Contaminated zone (cm**3/g)	1.000E+02	1.000E+02	---	DCNUCC(7)
R016	Unsaturated zone 1 (cm**3/g)	1.000E+02	1.000E+02	---	DCNUCU(7,1)
R016	Saturated zone (cm**3/g)	1.000E+02	1.000E+02	---	DCNUCS(7)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	8.082E-04	ALEACH(7)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(7)
R016	Distribution coefficients for Ra-226				
R016	Contaminated zone (cm**3/g)	7.000E+01	7.000E+01	---	DCNUCC(8)
R016	Unsaturated zone 1 (cm**3/g)	7.000E+01	7.000E+01	---	DCNUCU(8,1)
R016	Saturated zone (cm**3/g)	7.000E+01	7.000E+01	---	DCNUCS(8)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	1.154E-03	ALEACH(8)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(8)
R017	Inhalation rate (m**3/yr)	7.300E+03	8.400E+03	---	INHALR
R017	Mass loading for inhalation (g/m**3)	1.000E-04	1.000E-04	---	MLINH
R017	Exposure duration	3.000E+01	3.000E+01	---	ED
R017	Shielding factor, inhalation	4.000E-01	4.000E-01	---	SHF3
R017	Shielding factor, external gamma	8.000E-01	7.000E-01	---	SHF1
R017	Fraction of time spent indoors	5.000E-01	5.000E-01	---	FIND
R017	Fraction of time spent outdoors (on site)	2.500E-01	2.500E-01	---	FOTD
R017	Shape factor flag, external gamma	1.000E+00	1.000E+00	>0 shows circular AREA.	FS
R017	Radii of shape factor array (used if FS = -1):				
R017	Outer annular radius (m), ring 1:	not used	5.000E+01	---	RAD_SHAPE(1)
R017	Outer annular radius (m), ring 2:	not used	7.071E+01	---	RAD_SHAPE(2)
R017	Outer annular radius (m), ring 3:	not used	0.000E+00	---	RAD_SHAPE(3)
R017	Outer annular radius (m), ring 4:	not used	0.000E+00	---	RAD_SHAPE(4)
R017	Outer annular radius (m), ring 5:	not used	0.000E+00	---	RAD_SHAPE(5)
R017	Outer annular radius (m), ring 6:	not used	0.000E+00	---	RAD_SHAPE(6)
R017	Outer annular radius (m), ring 7:	not used	0.000E+00	---	RAD_SHAPE(7)
R017	Outer annular radius (m), ring 8:	not used	0.000E+00	---	RAD_SHAPE(8)
R017	Outer annular radius (m), ring 9:	not used	0.000E+00	---	RAD_SHAPE(9)
R017	Outer annular radius (m), ring 10:	not used	0.000E+00	---	RAD_SHAPE(10)
R017	Outer annular radius (m), ring 11:	not used	0.000E+00	---	RAD_SHAPE(11)
R017	Outer annular radius (m), ring 12:	not used	0.000E+00	---	RAD_SHAPE(12)

Site-Specific Parameter Summary (continued)

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R017	Fractions of annular areas within AREA:				
R017	Ring 1	not used	1.000E+00	---	FRACA(1)
R017	Ring 2	not used	2.732E-01	---	FRACA(2)
R017	Ring 3	not used	0.000E+00	---	FRACA(3)
R017	Ring 4	not used	0.000E+00	---	FRACA(4)
R017	Ring 5	not used	0.000E+00	---	FRACA(5)
R017	Ring 6	not used	0.000E+00	---	FRACA(6)
R017	Ring 7	not used	0.000E+00	---	FRACA(7)
R017	Ring 8	not used	0.000E+00	---	FRACA(8)
R017	Ring 9	not used	0.000E+00	---	FRACA(9)
R017	Ring 10	not used	0.000E+00	---	FRACA(10)
R017	Ring 11	not used	0.000E+00	---	FRACA(11)
R017	Ring 12	not used	0.000E+00	---	FRACA(12)
R018	Fruits, vegetables and grain consumption (kg/yr)	not used	1.600E+02	---	DIET(1)
R018	Leafy vegetable consumption (kg/yr)	not used	1.400E+01	---	DIET(2)
R018	Milk consumption (L/yr)	not used	9.200E+01	---	DIET(3)
R018	Meat and poultry consumption (kg/yr)	not used	6.300E+01	---	DIET(4)
R018	Fish consumption (kg/yr)	not used	5.400E+00	---	DIET(5)
R018	Other seafood consumption (kg/yr)	not used	9.000E-01	---	DIET(6)
R018	Soil ingestion rate (g/yr)	4.380E+01	3.650E+01	---	SOIL
R018	Drinking water intake (L/yr)	7.000E+02	5.100E+02	---	DWI
R018	Contamination fraction of drinking water	1.000E+00	1.000E+00	---	FDW
R018	Contamination fraction of household water	not used	1.000E+00	---	FHHW
R018	Contamination fraction of livestock water	not used	1.000E+00	---	FLW
R018	Contamination fraction of irrigation water	not used	1.000E+00	---	FIRW
R018	Contamination fraction of aquatic food	not used	5.000E-01	---	FR9
R018	Contamination fraction of plant food	not used	-1	---	FPLANT
R018	Contamination fraction of meat	not used	-1	---	FMEAT
R018	Contamination fraction of milk	not used	-1	---	FMILK
R019	Livestock fodder intake for meat (kg/day)	not used	6.800E+01	---	LFI5
R019	Livestock fodder intake for milk (kg/day)	not used	5.500E+01	---	LFI6
R019	Livestock water intake for meat (L/day)	not used	5.000E+01	---	LWI5
R019	Livestock water intake for milk (L/day)	not used	1.600E+02	---	LWI6
R019	Livestock soil intake (kg/day)	not used	5.000E-01	---	LSI
R019	Mass loading for foliar deposition (g/m**3)	not used	1.000E-04	---	MLFD
R019	Depth of soil mixing layer (m)	1.500E-01	1.500E-01	---	DM
R019	Depth of roots (m)	not used	9.000E-01	---	DROOT
R019	Drinking water fraction from ground water	1.000E+00	1.000E+00	---	FGWDW
R019	Household water fraction from ground water	not used	1.000E+00	---	FGWHH
R019	Livestock water fraction from ground water	not used	1.000E+00	---	FGWLW
R019	Irrigation fraction from ground water	not used	1.000E+00	---	FGWIR
R19B	Wet weight crop yield for Non-Leafy (kg/m**2)	not used	7.000E-01	---	YV(1)
R19B	Wet weight crop yield for Leafy (kg/m**2)	not used	1.500E+00	---	YV(2)
R19B	Wet weight crop yield for Fodder (kg/m**2)	not used	1.100E+00	---	YV(3)
R19B	Growing Season for Non-Leafy (years)	not used	1.700E-01	---	TE(1)
R19B	Growing Season for Leafy (years)	not used	2.500E-01	---	TE(2)
R19B	Growing Season for Fodder (years)	not used	8.000E-02	---	TE(3)

Summary : HFBR SU 7D_Industrial_Bkgd Subtract
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Site-Specific Parameter Summary (continued)

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R19B	Translocation Factor for Non-Leafy	not used	1.000E-01	---	TIV(1)
R19B	Translocation Factor for Leafy	not used	1.000E+00	---	TIV(2)
R19B	Translocation Factor for Fodder	not used	1.000E+00	---	TIV(3)
R19B	Dry Foliar Interception Fraction for Non-Leafy	not used	2.500E-01	---	RDRY(1)
R19B	Dry Foliar Interception Fraction for Leafy	not used	2.500E-01	---	RDRY(2)
R19B	Dry Foliar Interception Fraction for Fodder	not used	2.500E-01	---	RDRY(3)
R19B	Wet Foliar Interception Fraction for Non-Leafy	not used	2.500E-01	---	RWET(1)
R19B	Wet Foliar Interception Fraction for Leafy	not used	2.500E-01	---	RWET(2)
R19B	Wet Foliar Interception Fraction for Fodder	not used	2.500E-01	---	RWET(3)
R19B	Weathering Removal Constant for Vegetation	not used	2.000E+01	---	WLAM
C14	C-12 concentration in water (g/cm**3)	not used	2.000E-05	---	C12WTR
C14	C-12 concentration in contaminated soil (g/g)	not used	3.000E-02	---	C12CZ
C14	Fraction of vegetation carbon from soil	not used	2.000E-02	---	CSOIL
C14	Fraction of vegetation carbon from air	not used	9.800E-01	---	CAIR
C14	C-14 evasion layer thickness in soil (m)	not used	3.000E-01	---	DMC
C14	C-14 evasion flux rate from soil (1/sec)	not used	7.000E-07	---	EVSN
C14	C-12 evasion flux rate from soil (1/sec)	not used	1.000E-10	---	REVSN
C14	Fraction of grain in beef cattle feed	not used	8.000E-01	---	AVFG4
C14	Fraction of grain in milk cow feed	not used	2.000E-01	---	AVFG5
STOR	Storage times of contaminated foodstuffs (days):				
STOR	Fruits, non-leafy vegetables, and grain	1.400E+01	1.400E+01	---	STOR_T(1)
STOR	Leafy vegetables	1.000E+00	1.000E+00	---	STOR_T(2)
STOR	Milk	1.000E+00	1.000E+00	---	STOR_T(3)
STOR	Meat and poultry	2.000E+01	2.000E+01	---	STOR_T(4)
STOR	Fish	7.000E+00	7.000E+00	---	STOR_T(5)
STOR	Crustacea and mollusks	7.000E+00	7.000E+00	---	STOR_T(6)
STOR	Well water	1.000E+00	1.000E+00	---	STOR_T(7)
STOR	Surface water	1.000E+00	1.000E+00	---	STOR_T(8)
STOR	Livestock fodder	4.500E+01	4.500E+01	---	STOR_T(9)
R021	Thickness of building foundation (m)	not used	1.500E-01	---	FLOOR1
R021	Bulk density of building foundation (g/cm**3)	not used	2.400E+00	---	DENSFL
R021	Total porosity of the cover material	not used	4.000E-01	---	TPCV
R021	Total porosity of the building foundation	not used	1.000E-01	---	TPFL
R021	Volumetric water content of the cover material	not used	5.000E-02	---	PH2OCV
R021	Volumetric water content of the foundation	not used	3.000E-02	---	PH2OFL
R021	Diffusion coefficient for radon gas (m/sec):				
R021	in cover material	not used	2.000E-06	---	DIFCV
R021	in foundation material	not used	3.000E-07	---	DIFFL
R021	in contaminated zone soil	not used	2.000E-06	---	DIFCZ
R021	Radon vertical dimension of mixing (m)	not used	2.000E+00	---	HMIX
R021	Average building air exchange rate (1/hr)	not used	5.000E-01	---	REXG
R021	Height of the building (room) (m)	not used	2.500E+00	---	HRM
R021	Building interior area factor	not used	0.000E+00	---	FAI
R021	Building depth below ground surface (m)	not used	-1.000E+00	---	DMFL
R021	Emanating power of Rn-222 gas	not used	2.500E-01	---	EMANA(1)
R021	Emanating power of Rn-220 gas	not used	1.500E-01	---	EMANA(2)
TITL	Number of graphical time points	32	---	---	NPTS

Site-Specific Parameter Summary (continued)

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
TITL	Maximum number of integration points for dose	17	---	---	LYMAX
TITL	Maximum number of integration points for risk	257	---	---	KYMAX

Summary of Pathway Selections

Pathway	User Selection
1 -- external gamma	active
2 -- inhalation (w/o radon)	active
3 -- plant ingestion	suppressed
4 -- meat ingestion	suppressed
5 -- milk ingestion	suppressed
6 -- aquatic foods	suppressed
7 -- drinking water	active
8 -- soil ingestion	active
9 -- radon	suppressed
Find peak pathway doses	suppressed

Summary : HFBR SU 7D_Industrial_Bkgd Subtract
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Contaminated Zone Dimensions		Initial Soil Concentrations, pCi/g	
Area:	1543.00 square meters	Cs-137	2.060E-01
Thickness:	5.00 meters	Eu-152	1.470E-01
Cover Depth:	0.00 meters	Eu-154	1.010E-01
		Gd-152	1.470E-01
		Ni-63	3.980E-01
		Pb-210	2.150E-02
		Ra-226	2.150E-02

Total Dose TDOSE(t), mrem/yr
Basic Radiation Dose Limit = 2.500E+01 mrem/yr
Total Mixture Sum M(t) = Fraction of Basic Dose Limit Received at Time (t)

t (years):	0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
TDOSE(t):	1.579E+00	1.507E+00	1.258E+00	1.019E+00	3.350E-01	1.884E-01	7.764E-02	3.565E-02
M(t):	6.317E-02	6.029E-02	5.033E-02	4.078E-02	1.340E-02	7.534E-03	3.106E-03	1.426E-03

Maximum TDOSE(t): 1.579E+00 mrem/yr at t = 0.000E+00 years

Summary : HFBR SU 7D_Industrial_Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7D\SU 7D_INDUSTRIAL_BKGD SUBTRACT.RAD

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 0.000E+00 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Cs-137	4.036E-01	0.2555	1.121E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.345E-04	0.0002
Eu-152	5.894E-01	0.3732	5.461E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.049E-05	0.0000
Eu-154	4.373E-01	0.2769	4.792E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.047E-05	0.0000
Gd-152	0.000E+00	0.0000	6.162E-04	0.0004	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.774E-04	0.0005
Ni-63	0.000E+00	0.0000	4.303E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.516E-06	0.0000
Pb-210	7.708E-05	0.0000	8.468E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.058E-03	0.0032
Ra-226	1.410E-01	0.0892	3.318E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.011E-03	0.0006
Total	1.571E+00	0.9949	6.292E-04	0.0004	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.250E-03	0.0046

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 0.000E+00 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Cs-137	1.736E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.039E-01	0.2557
Eu-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.894E-01	0.3732
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.373E-01	0.2769
Gd-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.394E-03	0.0009
Ni-63	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.559E-06	0.0000
Pb-210	1.346E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.278E-03	0.0033
Ra-226	5.776E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.420E-01	0.0899
Total	1.924E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.579E+00	1.0000

*Sum of all water independent and dependent pathways.

Summary : HFBR SU 7D_Industrial_Bkgd Subtract
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Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+00 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Cs-137	3.943E-01	0.2616	1.095E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.268E-04	0.0002
Eu-152	5.595E-01	0.3712	5.184E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.894E-05	0.0000
Eu-154	4.041E-01	0.2681	4.429E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.816E-05	0.0000
Gd-152	0.000E+00	0.0000	6.162E-04	0.0004	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.773E-04	0.0005
Ni-63	0.000E+00	0.0000	4.272E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.462E-06	0.0000
Pb-210	7.466E-05	0.0000	8.202E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.899E-03	0.0033
Ra-226	1.407E-01	0.0934	3.571E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.164E-03	0.0008
Total	1.499E+00	0.9944	6.291E-04	0.0004	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.232E-03	0.0048

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+00 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Cs-137	5.181E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.946E-01	0.2618
Eu-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.595E-01	0.3712
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.041E-01	0.2681
Gd-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.394E-03	0.0009
Ni-63	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.504E-06	0.0000
Pb-210	3.943E-04	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.376E-03	0.0036
Ra-226	1.877E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.421E-01	0.0943
Total	5.821E-04	0.0004	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.507E+00	1.0000

*Sum of all water independent and dependent pathways.

Summary : HFBR SU 7D_Industrial_Bkgd Subtract
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Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+00 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Cs-137	3.593E-01	0.2856	9.976E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.977E-04	0.0002
Eu-152	4.542E-01	0.3610	4.209E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.350E-05	0.0000
Eu-154	2.948E-01	0.2343	3.230E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.054E-05	0.0000
Gd-152	0.000E+00	0.0000	6.159E-04	0.0005	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.770E-04	0.0006
Ni-63	0.000E+00	0.0000	4.149E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.247E-06	0.0000
Pb-210	6.572E-05	0.0001	7.220E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.313E-03	0.0034
Ra-226	1.399E-01	0.1112	4.503E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.727E-03	0.0014
Total	1.248E+00	0.9921	6.285E-04	0.0005	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.165E-03	0.0057

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+00 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Cs-137	1.796E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.596E-01	0.2858
Eu-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.543E-01	0.3610
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.948E-01	0.2343
Gd-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.393E-03	0.0011
Ni-63	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.288E-06	0.0000
Pb-210	1.278E-03	0.0010	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.664E-03	0.0045
Ra-226	8.994E-04	0.0007	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.425E-01	0.1132
Total	2.178E-03	0.0017	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.258E+00	1.0000

*Sum of all water independent and dependent pathways.

Summary : HFBR SU 7D_Industrial_Bkgd Subtract
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Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+01 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Cs-137	3.198E-01	0.3137	8.881E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.650E-04	0.0003
Eu-152	3.501E-01	0.3434	3.244E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.811E-05	0.0000
Eu-154	1.987E-01	0.1949	2.178E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.385E-05	0.0000
Gd-152	0.000E+00	0.0000	6.156E-04	0.0006	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.767E-04	0.0008
Ni-63	0.000E+00	0.0000	4.000E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.987E-06	0.0000
Pb-210	5.603E-05	0.0001	6.156E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.677E-03	0.0036
Ra-226	1.388E-01	0.1361	5.500E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.330E-03	0.0023
Total	1.007E+00	0.9883	6.280E-04	0.0006	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.088E-03	0.0070

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+01 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Cs-137	3.071E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.201E-01	0.3140
Eu-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.501E-01	0.3434
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.987E-01	0.1950
Gd-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.392E-03	0.0014
Ni-63	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.027E-06	0.0000
Pb-210	2.086E-03	0.0020	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.825E-03	0.0057
Ra-226	2.158E-03	0.0021	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.432E-01	0.1405
Total	4.245E-03	0.0042	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.019E+00	1.0000

*Sum of all water independent and dependent pathways.

Summary : HFBR SU 7D_Industrial_Bkgd Subtract
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Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+01 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Cs-137	1.262E-01	0.3766	3.503E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.045E-04	0.0003
Eu-152	4.356E-02	0.1300	4.037E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.254E-06	0.0000
Eu-154	8.477E-03	0.0253	9.289E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.906E-07	0.0000
Gd-152	0.000E+00	0.0000	6.132E-04	0.0018	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.736E-04	0.0023
Ni-63	0.000E+00	0.0000	2.987E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.218E-06	0.0000
Pb-210	1.565E-05	0.0000	1.719E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.027E-03	0.0031
Ra-226	1.303E-01	0.3888	9.324E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.673E-03	0.0139
Total	3.085E-01	0.9208	6.244E-04	0.0019	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.586E-03	0.0197

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+01 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Cs-137	5.885E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.263E-01	0.3769
Eu-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.357E-02	0.1300
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.477E-03	0.0253
Gd-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.387E-03	0.0041
Ni-63	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.247E-06	0.0000
Pb-210	2.847E-03	0.0085	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.892E-03	0.0116
Ra-226	1.648E-02	0.0492	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.514E-01	0.4520
Total	1.932E-02	0.0577	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.350E-01	1.0000

*Sum of all water independent and dependent pathways.

Summary : HFBR SU 7D_Industrial_Bkgd Subtract
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Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+02 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Cs-137	3.943E-02	0.2094	1.095E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.268E-05	0.0002
Eu-152	3.220E-03	0.0171	2.984E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.666E-07	0.0000
Eu-154	1.643E-04	0.0009	1.801E-10	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.145E-08	0.0000
Gd-152	0.000E+00	0.0000	6.102E-04	0.0032	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.698E-04	0.0041
Ni-63	0.000E+00	0.0000	2.074E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.622E-06	0.0000
Pb-210	3.176E-06	0.0000	3.490E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.084E-04	0.0011
Ra-226	1.203E-01	0.6389	9.884E-06	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.076E-03	0.0269
Total	1.632E-01	0.8662	6.205E-04	0.0033	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.090E-03	0.0323

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+02 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Cs-137	3.690E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.947E-02	0.2095
Eu-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.220E-03	0.0171
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.643E-04	0.0009
Gd-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.380E-03	0.0073
Ni-63	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.643E-06	0.0000
Pb-210	6.880E-04	0.0037	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.000E-04	0.0048
Ra-226	1.780E-02	0.0945	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.432E-01	0.7604
Total	1.849E-02	0.0981	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.884E-01	1.0000

*Sum of all water independent and dependent pathways.

Summary : HFBR SU 7D_Industrial_Bkgd Subtract
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Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+02 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Cs-137	3.594E-06	0.0000	9.980E-13	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.979E-09	0.0000
Eu-152	2.869E-12	0.0000	2.288E-17	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.739E-16	0.0000
Eu-154	3.277E-18	0.0000	3.591E-24	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.283E-22	0.0000
Gd-152	0.000E+00	0.0000	5.867E-04	0.0076	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.402E-04	0.0095
Ni-63	0.000E+00	0.0000	1.118E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.952E-07	0.0000
Pb-210	9.160E-12	0.0000	1.006E-12	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.011E-10	0.0000
Ra-226	6.378E-02	0.8215	5.429E-06	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.804E-03	0.0361
Total	6.379E-02	0.8215	5.922E-04	0.0076	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.544E-03	0.0456

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+02 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Cs-137	1.775E-10	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.597E-06	0.0000
Eu-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.869E-12	0.0000
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.277E-18	0.0000
Gd-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.327E-03	0.0171
Ni-63	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.964E-07	0.0000
Pb-210	1.963E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.575E-09	0.0000
Ra-226	9.723E-03	0.1252	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.631E-02	0.9829
Total	9.723E-03	0.1252	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.764E-02	1.0000

*Sum of all water independent and dependent pathways.

Summary : HFBR SU 7D_Industrial_Bkgd Subtract
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Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+03 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Cs-137	3.201E-11	0.0000	8.888E-18	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.653E-14	0.0000
Eu-152	1.396E-23	0.0000	1.925E-17	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.429E-17	0.0000
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Gd-152	0.000E+00	0.0000	5.587E-04	0.0157	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.048E-04	0.0198
Ni-63	0.000E+00	0.0000	2.903E-11	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.071E-09	0.0000
Pb-210	1.089E-18	0.0000	1.196E-19	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.143E-17	0.0000
Ra-226	2.885E-02	0.8091	2.455E-06	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.268E-03	0.0356
Total	2.885E-02	0.8091	5.611E-04	0.0157	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.973E-03	0.0553

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+03 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Cs-137	3.397E-15	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.204E-11	0.0000
Eu-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.354E-17	0.0000
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Gd-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.263E-03	0.0354
Ni-63	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.101E-09	0.0000
Pb-210	2.286E-16	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.013E-16	0.0000
Ra-226	4.274E-03	0.1199	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.439E-02	0.9646
Total	4.274E-03	0.1199	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.565E-02	1.0000

*Sum of all water independent and dependent pathways.

Summary : HFBR SU 7D_Industrial_Bkgd Subtract
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Dose/Source Ratios Summed Over All Pathways
Parent and Progeny Principal Radionuclide Contributions Indicated

Parent (i)	Product (j)	Thread Fraction	DSR(j,t) At Time in Years (mrem/yr)/(pCi/g) 0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
Cs-137+D	Cs-137+D	1.000E+00	1.961E+00	1.916E+00	1.746E+00	1.554E+00	6.129E-01	1.916E-01	1.746E-05	1.555E-10
Eu-152	Eu-152	7.208E-01	2.890E+00	2.744E+00	2.227E+00	1.717E+00	2.136E-01	1.579E-02	1.407E-11	6.846E-23
Eu-152	Eu-152	2.792E-01	1.120E+00	1.063E+00	8.628E-01	6.649E-01	8.275E-02	6.116E-03	5.449E-12	2.652E-23
Eu-152	Gd-152	2.792E-01	8.349E-18	2.448E-17	8.120E-17	1.373E-16	3.016E-16	3.218E-16	3.111E-16	2.962E-16
Eu-152	∑DSR(j)		1.120E+00	1.063E+00	8.628E-01	6.649E-01	8.275E-02	6.116E-03	5.449E-12	2.962E-16
Eu-154	Eu-154	1.000E+00	4.330E+00	4.001E+00	2.919E+00	1.968E+00	8.393E-02	1.627E-03	3.245E-17	2.432E-34
Gd-152	Gd-152	1.000E+00	9.481E-03	9.480E-03	9.476E-03	9.471E-03	9.434E-03	9.388E-03	9.027E-03	8.595E-03
Ni-63	Ni-63	1.000E+00	1.899E-05	1.886E-05	1.831E-05	1.766E-05	1.318E-05	9.152E-06	4.934E-07	1.282E-08
Pb-210+D	Pb-210+D	1.000E+00	2.455E-01	2.501E-01	2.634E-01	2.709E-01	1.810E-01	4.186E-02	1.198E-07	1.401E-14
Ra-226+D	Ra-226+D	1.000E+00	6.602E+00	6.597E+00	6.575E+00	6.548E+00	6.285E+00	5.805E+00	3.075E+00	1.390E+00
Ra-226+D	Pb-210+D	1.000E+00	3.902E-03	1.219E-02	5.204E-02	1.145E-01	7.581E-01	8.564E-01	4.741E-01	2.098E-01
Ra-226+D	∑DSR(j)		6.606E+00	6.609E+00	6.627E+00	6.663E+00	7.043E+00	6.661E+00	3.549E+00	1.600E+00

The DSR includes contributions from associated (half-life ≤ 180 days) daughters.

Single Radionuclide Soil Guidelines G(i,t) in pCi/g
Basic Radiation Dose Limit = 2.500E+01 mrem/yr

Nuclide (i)	t= 0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
Cs-137	1.275E+01	1.305E+01	1.432E+01	1.609E+01	4.079E+01	1.305E+02	1.432E+06	1.607E+11
Eu-152	6.235E+00	6.568E+00	8.090E+00	1.050E+01	8.435E+01	1.141E+03	1.281E+12	*1.765E+14
Eu-154	5.774E+00	6.248E+00	8.565E+00	1.271E+01	2.979E+02	1.536E+04	*2.639E+14	*2.639E+14
Gd-152	*2.179E+01	*2.179E+01	*2.179E+01	*2.179E+01	*2.179E+01	*2.179E+01	*2.179E+01	*2.179E+01
Ni-63	1.316E+06	1.326E+06	1.365E+06	1.416E+06	1.896E+06	2.732E+06	5.067E+07	1.951E+09
Pb-210	1.018E+02	9.997E+01	9.490E+01	9.228E+01	1.381E+02	5.972E+02	2.088E+08	*7.634E+13
Ra-226	3.785E+00	3.783E+00	3.772E+00	3.752E+00	3.550E+00	3.753E+00	7.043E+00	1.563E+01

*At specific activity limit

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Summed Dose/Source Ratios DSR(i,t) in (mrem/yr)/(pCi/g)
and Single Radionuclide Soil Guidelines G(i,t) in pCi/g
at tmin = time of minimum single radionuclide soil guideline
and at tmax = time of maximum total dose = 0.000E+00 years

Nuclide (i)	Initial (pCi/g)	tmin (years)	DSR(i,tmin)	G(i,tmin) (pCi/g)	DSR(i,tmax)	G(i,tmax) (pCi/g)
Cs-137	2.060E-01	0.000E+00	1.961E+00	1.275E+01	1.961E+00	1.275E+01
Eu-152	1.470E-01	0.000E+00	4.010E+00	6.235E+00	4.010E+00	6.235E+00
Eu-154	1.010E-01	0.000E+00	4.330E+00	5.774E+00	4.330E+00	5.774E+00
Gd-152	1.470E-01	0.000E+00	9.481E-03	*2.179E+01	9.481E-03	*2.179E+01
Ni-63	3.980E-01	0.000E+00	1.899E-05	1.316E+06	1.899E-05	1.316E+06
Pb-210	2.150E-02	12.21 ± 0.02	2.716E-01	9.204E+01	2.455E-01	1.018E+02
Ra-226	2.150E-02	47.75 ± 0.10	7.049E+00	3.546E+00	6.606E+00	3.785E+00

*At specific activity limit

Summary : HFBR SU 7D_Industrial_Bkgd Subtract
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Individual Nuclide Dose Summed Over All Pathways
Parent Nuclide and Branch Fraction Indicated

Nuclide (j)	Parent (i)	THF(i)	DOSE(j,t), mrem/yr							
		t=	0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
Cs-137	Cs-137	1.000E+00	4.039E-01	3.946E-01	3.596E-01	3.201E-01	1.263E-01	3.947E-02	3.597E-06	3.204E-11
Eu-152	Eu-152	7.208E-01	4.249E-01	4.033E-01	3.274E-01	2.523E-01	3.140E-02	2.321E-03	2.068E-12	1.006E-23
Eu-152	Eu-152	2.792E-01	1.646E-01	1.562E-01	1.268E-01	9.775E-02	1.216E-02	8.991E-04	8.009E-13	3.898E-24
Eu-152	∑DOSE(j)		5.894E-01	5.595E-01	4.543E-01	3.501E-01	4.357E-02	3.220E-03	2.869E-12	1.396E-23
Gd-152	Eu-152	2.792E-01	1.227E-18	3.598E-18	1.194E-17	2.018E-17	4.433E-17	4.730E-17	4.573E-17	4.354E-17
Gd-152	Gd-152	1.000E+00	1.394E-03	1.394E-03	1.393E-03	1.392E-03	1.387E-03	1.380E-03	1.327E-03	1.263E-03
Gd-152	∑DOSE(j)		1.394E-03	1.394E-03	1.393E-03	1.392E-03	1.387E-03	1.380E-03	1.327E-03	1.263E-03
Eu-154	Eu-154	1.000E+00	4.373E-01	4.041E-01	2.948E-01	1.987E-01	8.477E-03	1.643E-04	3.277E-18	0.000E+00
Ni-63	Ni-63	1.000E+00	7.559E-06	7.504E-06	7.288E-06	7.027E-06	5.247E-06	3.643E-06	1.964E-07	5.101E-09
Pb-210	Pb-210	1.000E+00	5.278E-03	5.376E-03	5.664E-03	5.825E-03	3.892E-03	9.000E-04	2.575E-09	3.013E-16
Pb-210	Ra-226	1.000E+00	8.389E-05	2.621E-04	1.119E-03	2.462E-03	1.630E-02	1.841E-02	1.019E-02	4.511E-03
Pb-210	∑DOSE(j)		5.362E-03	5.639E-03	6.783E-03	8.287E-03	2.019E-02	1.931E-02	1.019E-02	4.511E-03
Ra-226	Ra-226	1.000E+00	1.419E-01	1.418E-01	1.414E-01	1.408E-01	1.351E-01	1.248E-01	6.612E-02	2.988E-02

THF(i) is the thread fraction of the parent nuclide.

Individual Nuclide Soil Concentration
Parent Nuclide and Branch Fraction Indicated

Nuclide (j)	Parent (i)	THF(i)	S(j,t), pCi/g							
		t=	0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
Cs-137	Cs-137	1.000E+00	2.060E-01	2.013E-01	1.834E-01	1.633E-01	6.439E-02	2.013E-02	1.835E-06	1.634E-11
Eu-152	Eu-152	7.208E-01	1.060E-01	1.006E-01	8.166E-02	6.293E-02	7.832E-03	5.789E-04	5.157E-13	2.510E-24
Eu-152	Eu-152	2.792E-01	4.104E-02	3.896E-02	3.163E-02	2.438E-02	3.034E-03	2.242E-04	1.997E-13	9.721E-25
Eu-152	∑S(j):		1.470E-01	1.395E-01	1.133E-01	8.731E-02	1.087E-02	8.031E-04	7.154E-13	3.482E-24
Gd-152	Eu-152	2.792E-01	0.000E+00	2.567E-16	1.159E-15	2.052E-15	4.666E-15	4.989E-15	4.823E-15	4.592E-15
Gd-152	Gd-152	1.000E+00	1.470E-01	1.470E-01	1.469E-01	1.469E-01	1.463E-01	1.456E-01	1.400E-01	1.333E-01
Gd-152	∑S(j):		1.470E-01	1.470E-01	1.469E-01	1.469E-01	1.463E-01	1.456E-01	1.400E-01	1.333E-01
Eu-154	Eu-154	1.000E+00	1.010E-01	9.334E-02	6.809E-02	4.590E-02	1.958E-03	3.795E-05	7.569E-19	5.672E-36
Ni-63	Ni-63	1.000E+00	3.980E-01	3.951E-01	3.837E-01	3.700E-01	2.763E-01	1.918E-01	1.034E-02	2.685E-04
Pb-210	Pb-210	1.000E+00	2.150E-02	2.083E-02	1.833E-02	1.563E-02	4.364E-03	8.860E-04	2.555E-09	3.036E-16
Pb-210	Ra-226	1.000E+00	0.000E+00	6.572E-04	3.076E-03	5.674E-03	1.589E-02	1.791E-02	9.973E-03	4.510E-03
Pb-210	∑S(j):		2.150E-02	2.148E-02	2.141E-02	2.130E-02	2.026E-02	1.879E-02	9.973E-03	4.510E-03
Ra-226	Ra-226	1.000E+00	2.150E-02	2.147E-02	2.133E-02	2.116E-02	1.986E-02	1.834E-02	9.723E-03	4.397E-03

THF(i) is the thread fraction of the parent nuclide.

RESCALC.EXE execution time = 0.64 seconds

Summary : HFBR SU 7D_Residential_Bkgd Subtract
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Dose Conversion Factor (and Related) Parameter Summary
Dose Library: FGR 11

Menu	Parameter	Current Value#	Base Case*	Parameter Name
A-1	DCF's for external ground radiation, (mrem/yr)/(pCi/g)			
A-1	At-218 (Source: FGR 12)	5.847E-03	5.847E-03	DCF1(1)
A-1	Ba-137m (Source: FGR 12)	3.606E+00	3.606E+00	DCF1(2)
A-1	Bi-210 (Source: FGR 12)	3.606E-03	3.606E-03	DCF1(3)
A-1	Bi-214 (Source: FGR 12)	9.808E+00	9.808E+00	DCF1(4)
A-1	Cs-137 (Source: FGR 12)	7.510E-04	7.510E-04	DCF1(5)
A-1	Eu-152 (Source: FGR 12)	7.006E+00	7.006E+00	DCF1(6)
A-1	Eu-154 (Source: FGR 12)	7.678E+00	7.678E+00	DCF1(7)
A-1	Gd-152 (Source: FGR 12)	0.000E+00	0.000E+00	DCF1(8)
A-1	Ni-63 (Source: FGR 12)	0.000E+00	0.000E+00	DCF1(9)
A-1	Pb-210 (Source: FGR 12)	2.447E-03	2.447E-03	DCF1(10)
A-1	Pb-214 (Source: FGR 12)	1.341E+00	1.341E+00	DCF1(11)
A-1	Po-210 (Source: FGR 12)	5.231E-05	5.231E-05	DCF1(12)
A-1	Po-214 (Source: FGR 12)	5.138E-04	5.138E-04	DCF1(13)
A-1	Po-218 (Source: FGR 12)	5.642E-05	5.642E-05	DCF1(14)
A-1	Ra-226 (Source: FGR 12)	3.176E-02	3.176E-02	DCF1(15)
A-1	Rn-222 (Source: FGR 12)	2.354E-03	2.354E-03	DCF1(16)
A-1	Tl-210 (Source: no data)	0.000E+00	-2.000E+00	DCF1(17)
B-1	Dose conversion factors for inhalation, mrem/pCi:			
B-1	Cs-137+D	3.190E-05	3.190E-05	DCF2(1)
B-1	Eu-152	2.210E-04	2.210E-04	DCF2(2)
B-1	Eu-154	2.860E-04	2.860E-04	DCF2(4)
B-1	Gd-152	2.430E-01	2.430E-01	DCF2(5)
B-1	Ni-63	6.290E-06	6.290E-06	DCF2(6)
B-1	Pb-210+D	2.320E-02	1.360E-02	DCF2(7)
B-1	Ra-226+D	8.594E-03	8.580E-03	DCF2(8)
D-1	Dose conversion factors for ingestion, mrem/pCi:			
D-1	Cs-137+D	5.000E-05	5.000E-05	DCF3(1)
D-1	Eu-152	6.480E-06	6.480E-06	DCF3(2)
D-1	Eu-154	9.550E-06	9.550E-06	DCF3(4)
D-1	Gd-152	1.610E-04	1.610E-04	DCF3(5)
D-1	Ni-63	5.770E-07	5.770E-07	DCF3(6)
D-1	Pb-210+D	7.276E-03	5.370E-03	DCF3(7)
D-1	Ra-226+D	1.321E-03	1.320E-03	DCF3(8)
D-34	Food transfer factors:			
D-34	Cs-137+D , plant/soil concentration ratio, dimensionless	4.000E-02	4.000E-02	RTF(1,1)
D-34	Cs-137+D , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	3.000E-02	3.000E-02	RTF(1,2)
D-34	Cs-137+D , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	8.000E-03	8.000E-03	RTF(1,3)
D-34	Eu-152 , plant/soil concentration ratio, dimensionless	2.500E-03	2.500E-03	RTF(2,1)
D-34	Eu-152 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	2.000E-03	2.000E-03	RTF(2,2)
D-34	Eu-152 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	5.000E-05	5.000E-05	RTF(2,3)
D-34	Eu-154 , plant/soil concentration ratio, dimensionless	2.500E-03	2.500E-03	RTF(4,1)
D-34	Eu-154 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	2.000E-03	2.000E-03	RTF(4,2)
D-34	Eu-154 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	5.000E-05	5.000E-05	RTF(4,3)

Dose Conversion Factor (and Related) Parameter Summary (continued)
Dose Library: FGR 11

Menu	Parameter	Current Value#	Base Case*	Parameter Name
D-34	Gd-152 , plant/soil concentration ratio, dimensionless	2.500E-03	2.500E-03	RTF(5,1)
D-34	Gd-152 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	2.000E-03	2.000E-03	RTF(5,2)
D-34	Gd-152 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	2.000E-05	2.000E-05	RTF(5,3)
D-34				
D-34	Ni-63 , plant/soil concentration ratio, dimensionless	5.000E-02	5.000E-02	RTF(6,1)
D-34	Ni-63 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	5.000E-03	5.000E-03	RTF(6,2)
D-34	Ni-63 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	2.000E-02	2.000E-02	RTF(6,3)
D-34				
D-34	Pb-210+D , plant/soil concentration ratio, dimensionless	1.000E-02	1.000E-02	RTF(7,1)
D-34	Pb-210+D , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	8.000E-04	8.000E-04	RTF(7,2)
D-34	Pb-210+D , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	3.000E-04	3.000E-04	RTF(7,3)
D-34				
D-34	Ra-226+D , plant/soil concentration ratio, dimensionless	4.000E-02	4.000E-02	RTF(8,1)
D-34	Ra-226+D , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	1.000E-03	1.000E-03	RTF(8,2)
D-34	Ra-226+D , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	1.000E-03	1.000E-03	RTF(8,3)
D-5	Bioaccumulation factors, fresh water, L/kg:			
D-5	Cs-137+D , fish	2.000E+03	2.000E+03	BIOFAC(1,1)
D-5	Cs-137+D , crustacea and mollusks	1.000E+02	1.000E+02	BIOFAC(1,2)
D-5				
D-5	Eu-152 , fish	5.000E+01	5.000E+01	BIOFAC(2,1)
D-5	Eu-152 , crustacea and mollusks	1.000E+03	1.000E+03	BIOFAC(2,2)
D-5				
D-5	Eu-154 , fish	5.000E+01	5.000E+01	BIOFAC(4,1)
D-5	Eu-154 , crustacea and mollusks	1.000E+03	1.000E+03	BIOFAC(4,2)
D-5				
D-5	Gd-152 , fish	2.500E+01	2.500E+01	BIOFAC(5,1)
D-5	Gd-152 , crustacea and mollusks	1.000E+03	1.000E+03	BIOFAC(5,2)
D-5				
D-5	Ni-63 , fish	1.000E+02	1.000E+02	BIOFAC(6,1)
D-5	Ni-63 , crustacea and mollusks	1.000E+02	1.000E+02	BIOFAC(6,2)
D-5				
D-5	Pb-210+D , fish	3.000E+02	3.000E+02	BIOFAC(7,1)
D-5	Pb-210+D , crustacea and mollusks	1.000E+02	1.000E+02	BIOFAC(7,2)
D-5				
D-5	Ra-226+D , fish	5.000E+01	5.000E+01	BIOFAC(8,1)
D-5	Ra-226+D , crustacea and mollusks	2.500E+02	2.500E+02	BIOFAC(8,2)

#For DCF1(xxx) only, factors are for infinite depth & area. See ETFG table in Ground Pathway of Detailed Report.
*Base Case means Default.Lib w/o Associate Nuclide contributions.

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Site-Specific Parameter Summary

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R011	Area of contaminated zone (m**2)	1.543E+03	1.000E+04	---	AREA
R011	Thickness of contaminated zone (m)	5.000E+00	2.000E+00	---	THICK0
R011	Fraction of contamination that is submerged	0.000E+00	0.000E+00	---	SUBMFRACT
R011	Length parallel to aquifer flow (m)	3.900E+01	1.000E+02	---	LCZPAQ
R011	Basic radiation dose limit (mrem/yr)	2.500E+01	3.000E+01	---	BRDL
R011	Time since placement of material (yr)	0.000E+00	0.000E+00	---	TI
R011	Times for calculations (yr)	1.000E+00	1.000E+00	---	T(2)
R011	Times for calculations (yr)	5.000E+00	3.000E+00	---	T(3)
R011	Times for calculations (yr)	1.000E+01	1.000E+01	---	T(4)
R011	Times for calculations (yr)	5.000E+01	3.000E+01	---	T(5)
R011	Times for calculations (yr)	1.000E+02	1.000E+02	---	T(6)
R011	Times for calculations (yr)	5.000E+02	3.000E+02	---	T(7)
R011	Times for calculations (yr)	1.000E+03	1.000E+03	---	T(8)
R011	Times for calculations (yr)	not used	0.000E+00	---	T(9)
R011	Times for calculations (yr)	not used	0.000E+00	---	T(10)
R012	Initial principal radionuclide (pCi/g): Cs-137	2.060E-01	0.000E+00	---	S1(1)
R012	Initial principal radionuclide (pCi/g): Eu-152	1.470E-01	0.000E+00	---	S1(2)
R012	Initial principal radionuclide (pCi/g): Eu-154	1.010E-01	0.000E+00	---	S1(4)
R012	Initial principal radionuclide (pCi/g): Gd-152	1.470E-01	0.000E+00	---	S1(5)
R012	Initial principal radionuclide (pCi/g): Ni-63	3.980E-01	0.000E+00	---	S1(6)
R012	Initial principal radionuclide (pCi/g): Pb-210	2.150E-02	0.000E+00	---	S1(7)
R012	Initial principal radionuclide (pCi/g): Ra-226	2.150E-02	0.000E+00	---	S1(8)
R012	Concentration in groundwater (pCi/L): Cs-137	not used	0.000E+00	---	W1(1)
R012	Concentration in groundwater (pCi/L): Eu-152	not used	0.000E+00	---	W1(2)
R012	Concentration in groundwater (pCi/L): Eu-154	not used	0.000E+00	---	W1(4)
R012	Concentration in groundwater (pCi/L): Gd-152	not used	0.000E+00	---	W1(5)
R012	Concentration in groundwater (pCi/L): Ni-63	not used	0.000E+00	---	W1(6)
R012	Concentration in groundwater (pCi/L): Pb-210	not used	0.000E+00	---	W1(7)
R012	Concentration in groundwater (pCi/L): Ra-226	not used	0.000E+00	---	W1(8)
R013	Cover depth (m)	0.000E+00	0.000E+00	---	COVER0
R013	Density of cover material (g/cm**3)	not used	1.500E+00	---	DENSCV
R013	Cover depth erosion rate (m/yr)	not used	1.000E-03	---	VCV
R013	Density of contaminated zone (g/cm**3)	1.660E+00	1.500E+00	---	DENSCZ
R013	Contaminated zone erosion rate (m/yr)	1.000E-03	1.000E-03	---	VCZ
R013	Contaminated zone total porosity	3.300E-01	4.000E-01	---	TPCZ
R013	Contaminated zone field capacity	2.400E-01	2.000E-01	---	FCCZ
R013	Contaminated zone hydraulic conductivity (m/yr)	5.000E+03	1.000E+01	---	HCCZ
R013	Contaminated zone b parameter	4.900E+00	5.300E+00	---	BCZ
R013	Average annual wind speed (m/sec)	6.230E+00	2.000E+00	---	WIND
R013	Humidity in air (g/m**3)	not used	8.000E+00	---	HUMID
R013	Evapotranspiration coefficient	4.600E-01	5.000E-01	---	EVAPTR
R013	Precipitation (m/yr)	1.230E+00	1.000E+00	---	PRECIP
R013	Irrigation (m/yr)	2.600E-01	2.000E-01	---	RI
R013	Irrigation mode	overhead	overhead	---	IDITCH
R013	Runoff coefficient	2.000E-01	2.000E-01	---	RUNOFF
R013	Watershed area for nearby stream or pond (m**2)	1.000E+06	1.000E+06	---	WAREA
R013	Accuracy for water/soil computations	1.000E-03	1.000E-03	---	EPS

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Site-Specific Parameter Summary (continued)

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R014	Density of saturated zone (g/cm**3)	1.660E+00	1.500E+00	---	DENSAQ
R014	Saturated zone total porosity	3.300E-01	4.000E-01	---	TPSZ
R014	Saturated zone effective porosity	2.400E-01	2.000E-01	---	EPSZ
R014	Saturated zone field capacity	2.000E-01	2.000E-01	---	FCSZ
R014	Saturated zone hydraulic conductivity (m/yr)	2.000E+04	1.000E+02	---	HCSZ
R014	Saturated zone hydraulic gradient	4.800E-03	2.000E-02	---	HGWT
R014	Saturated zone b parameter	4.900E+00	5.300E+00	---	BSZ
R014	Water table drop rate (m/yr)	1.000E-03	1.000E-03	---	VWT
R014	Well pump intake depth (m below water table)	1.800E+01	1.000E+01	---	DWIBWT
R014	Model: Nondispersion (ND) or Mass-Balance (MB)	ND	ND	---	MODEL
R014	Well pumping rate (m**3/yr)	2.500E+02	2.500E+02	---	UW
R015	Number of unsaturated zone strata	1	1	---	NS
R015	Unsat. zone 1, thickness (m)	0.000E+00	4.000E+00	---	H(1)
R015	Unsat. zone 1, soil density (g/cm**3)	1.660E+00	1.500E+00	---	DENSUZ(1)
R015	Unsat. zone 1, total porosity	3.300E-01	4.000E-01	---	TPUZ(1)
R015	Unsat. zone 1, effective porosity	2.400E-01	2.000E-01	---	EPUZ(1)
R015	Unsat. zone 1, field capacity	2.000E-01	2.000E-01	---	FCUZ(1)
R015	Unsat. zone 1, soil-specific b parameter	4.900E+00	5.300E+00	---	BUZ(1)
R015	Unsat. zone 1, hydraulic conductivity (m/yr)	5.000E+03	1.000E+01	---	HCUZ(1)
R016	Distribution coefficients for Cs-137				
R016	Contaminated zone (cm**3/g)	5.300E+02	4.600E+03	---	DCNUCC(1)
R016	Unsaturated zone 1 (cm**3/g)	5.300E+02	4.600E+03	---	DCNUCU(1,1)
R016	Saturated zone (cm**3/g)	5.300E+02	4.600E+03	---	DCNUCS(1)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	1.527E-04	ALEACH(1)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(1)
R016	Distribution coefficients for Eu-152				
R016	Contaminated zone (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCC(2)
R016	Unsaturated zone 1 (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCU(2,1)
R016	Saturated zone (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCS(2)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	9.810E-05	ALEACH(2)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(2)
R016	Distribution coefficients for Eu-154				
R016	Contaminated zone (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCC(4)
R016	Unsaturated zone 1 (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCU(4,1)
R016	Saturated zone (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCS(4)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	9.810E-05	ALEACH(4)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(4)
R016	Distribution coefficients for Gd-152				
R016	Contaminated zone (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCC(5)
R016	Unsaturated zone 1 (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCU(5,1)
R016	Saturated zone (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCS(5)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	9.810E-05	ALEACH(5)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(5)

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Site-Specific Parameter Summary (continued)

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R016	Distribution coefficients for Ni-63				
R016	Contaminated zone (cm**3/g)	1.000E+03	1.000E+03	---	DCNUCC(6)
R016	Unsaturated zone 1 (cm**3/g)	1.000E+03	1.000E+03	---	DCNUCU(6,1)
R016	Saturated zone (cm**3/g)	1.000E+03	1.000E+03	---	DCNUCS(6)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	8.092E-05	ALEACH(6)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(6)
R016	Distribution coefficients for Pb-210				
R016	Contaminated zone (cm**3/g)	1.000E+02	1.000E+02	---	DCNUCC(7)
R016	Unsaturated zone 1 (cm**3/g)	1.000E+02	1.000E+02	---	DCNUCU(7,1)
R016	Saturated zone (cm**3/g)	1.000E+02	1.000E+02	---	DCNUCS(7)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	8.082E-04	ALEACH(7)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(7)
R016	Distribution coefficients for Ra-226				
R016	Contaminated zone (cm**3/g)	7.000E+01	7.000E+01	---	DCNUCC(8)
R016	Unsaturated zone 1 (cm**3/g)	7.000E+01	7.000E+01	---	DCNUCU(8,1)
R016	Saturated zone (cm**3/g)	7.000E+01	7.000E+01	---	DCNUCS(8)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	1.154E-03	ALEACH(8)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(8)
R017	Inhalation rate (m**3/yr)	7.300E+03	8.400E+03	---	INHALR
R017	Mass loading for inhalation (g/m**3)	1.000E-04	1.000E-04	---	MLINH
R017	Exposure duration	3.000E+01	3.000E+01	---	ED
R017	Shielding factor, inhalation	4.000E-01	4.000E-01	---	SHF3
R017	Shielding factor, external gamma	8.000E-01	7.000E-01	---	SHF1
R017	Fraction of time spent indoors	5.000E-01	5.000E-01	---	FIND
R017	Fraction of time spent outdoors (on site)	2.500E-01	2.500E-01	---	FOTD
R017	Shape factor flag, external gamma	1.000E+00	1.000E+00	>0 shows circular AREA.	FS
R017	Radii of shape factor array (used if FS = -1):				
R017	Outer annular radius (m), ring 1:	not used	5.000E+01	---	RAD_SHAPE(1)
R017	Outer annular radius (m), ring 2:	not used	7.071E+01	---	RAD_SHAPE(2)
R017	Outer annular radius (m), ring 3:	not used	0.000E+00	---	RAD_SHAPE(3)
R017	Outer annular radius (m), ring 4:	not used	0.000E+00	---	RAD_SHAPE(4)
R017	Outer annular radius (m), ring 5:	not used	0.000E+00	---	RAD_SHAPE(5)
R017	Outer annular radius (m), ring 6:	not used	0.000E+00	---	RAD_SHAPE(6)
R017	Outer annular radius (m), ring 7:	not used	0.000E+00	---	RAD_SHAPE(7)
R017	Outer annular radius (m), ring 8:	not used	0.000E+00	---	RAD_SHAPE(8)
R017	Outer annular radius (m), ring 9:	not used	0.000E+00	---	RAD_SHAPE(9)
R017	Outer annular radius (m), ring 10:	not used	0.000E+00	---	RAD_SHAPE(10)
R017	Outer annular radius (m), ring 11:	not used	0.000E+00	---	RAD_SHAPE(11)
R017	Outer annular radius (m), ring 12:	not used	0.000E+00	---	RAD_SHAPE(12)

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Site-Specific Parameter Summary (continued)

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R017	Fractions of annular areas within AREA:				
R017	Ring 1	not used	1.000E+00	---	FRACA(1)
R017	Ring 2	not used	2.732E-01	---	FRACA(2)
R017	Ring 3	not used	0.000E+00	---	FRACA(3)
R017	Ring 4	not used	0.000E+00	---	FRACA(4)
R017	Ring 5	not used	0.000E+00	---	FRACA(5)
R017	Ring 6	not used	0.000E+00	---	FRACA(6)
R017	Ring 7	not used	0.000E+00	---	FRACA(7)
R017	Ring 8	not used	0.000E+00	---	FRACA(8)
R017	Ring 9	not used	0.000E+00	---	FRACA(9)
R017	Ring 10	not used	0.000E+00	---	FRACA(10)
R017	Ring 11	not used	0.000E+00	---	FRACA(11)
R017	Ring 12	not used	0.000E+00	---	FRACA(12)
R018	Fruits, vegetables and grain consumption (kg/yr)	1.600E+02	1.600E+02	---	DIET(1)
R018	Leafy vegetable consumption (kg/yr)	1.400E+01	1.400E+01	---	DIET(2)
R018	Milk consumption (L/yr)	not used	9.200E+01	---	DIET(3)
R018	Meat and poultry consumption (kg/yr)	not used	6.300E+01	---	DIET(4)
R018	Fish consumption (kg/yr)	not used	5.400E+00	---	DIET(5)
R018	Other seafood consumption (kg/yr)	not used	9.000E-01	---	DIET(6)
R018	Soil ingestion rate (g/yr)	4.380E+01	3.650E+01	---	SOIL
R018	Drinking water intake (L/yr)	7.000E+02	5.100E+02	---	DWI
R018	Contamination fraction of drinking water	1.000E+00	1.000E+00	---	FDW
R018	Contamination fraction of household water	not used	1.000E+00	---	FHHW
R018	Contamination fraction of livestock water	not used	1.000E+00	---	FLW
R018	Contamination fraction of irrigation water	1.000E+00	1.000E+00	---	FIRW
R018	Contamination fraction of aquatic food	not used	5.000E-01	---	FR9
R018	Contamination fraction of plant food	-1	-1	0.500E+00	FPLANT
R018	Contamination fraction of meat	not used	-1	---	FMEAT
R018	Contamination fraction of milk	not used	-1	---	FMILK
R019	Livestock fodder intake for meat (kg/day)	not used	6.800E+01	---	LFI5
R019	Livestock fodder intake for milk (kg/day)	not used	5.500E+01	---	LFI6
R019	Livestock water intake for meat (L/day)	not used	5.000E+01	---	LWI5
R019	Livestock water intake for milk (L/day)	not used	1.600E+02	---	LWI6
R019	Livestock soil intake (kg/day)	not used	5.000E-01	---	LSI
R019	Mass loading for foliar deposition (g/m**3)	1.000E-05	1.000E-04	---	MLFD
R019	Depth of soil mixing layer (m)	1.500E-01	1.500E-01	---	DM
R019	Depth of roots (m)	9.000E-01	9.000E-01	---	DROOT
R019	Drinking water fraction from ground water	1.000E+00	1.000E+00	---	FGWDW
R019	Household water fraction from ground water	not used	1.000E+00	---	FGWHH
R019	Livestock water fraction from ground water	not used	1.000E+00	---	FGWLW
R019	Irrigation fraction from ground water	1.000E+00	1.000E+00	---	FGWIR
R19B	Wet weight crop yield for Non-Leafy (kg/m**2)	7.000E-01	7.000E-01	---	YV(1)
R19B	Wet weight crop yield for Leafy (kg/m**2)	1.500E+00	1.500E+00	---	YV(2)
R19B	Wet weight crop yield for Fodder (kg/m**2)	not used	1.100E+00	---	YV(3)
R19B	Growing Season for Non-Leafy (years)	1.700E-01	1.700E-01	---	TE(1)
R19B	Growing Season for Leafy (years)	2.500E-01	2.500E-01	---	TE(2)
R19B	Growing Season for Fodder (years)	not used	8.000E-02	---	TE(3)

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Site-Specific Parameter Summary (continued)

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R19B	Translocation Factor for Non-Leafy	1.000E-01	1.000E-01	---	TIV(1)
R19B	Translocation Factor for Leafy	1.000E+00	1.000E+00	---	TIV(2)
R19B	Translocation Factor for Fodder	not used	1.000E+00	---	TIV(3)
R19B	Dry Foliar Interception Fraction for Non-Leafy	2.500E-01	2.500E-01	---	RDRY(1)
R19B	Dry Foliar Interception Fraction for Leafy	2.500E-01	2.500E-01	---	RDRY(2)
R19B	Dry Foliar Interception Fraction for Fodder	not used	2.500E-01	---	RDRY(3)
R19B	Wet Foliar Interception Fraction for Non-Leafy	2.500E-01	2.500E-01	---	RWET(1)
R19B	Wet Foliar Interception Fraction for Leafy	2.500E-01	2.500E-01	---	RWET(2)
R19B	Wet Foliar Interception Fraction for Fodder	not used	2.500E-01	---	RWET(3)
R19B	Weathering Removal Constant for Vegetation	2.000E+01	2.000E+01	---	WLAM
C14	C-12 concentration in water (g/cm**3)	not used	2.000E-05	---	C12WTR
C14	C-12 concentration in contaminated soil (g/g)	not used	3.000E-02	---	C12CZ
C14	Fraction of vegetation carbon from soil	not used	2.000E-02	---	CSOIL
C14	Fraction of vegetation carbon from air	not used	9.800E-01	---	CAIR
C14	C-14 evasion layer thickness in soil (m)	not used	3.000E-01	---	DMC
C14	C-14 evasion flux rate from soil (1/sec)	not used	7.000E-07	---	EVSN
C14	C-12 evasion flux rate from soil (1/sec)	not used	1.000E-10	---	REVSN
C14	Fraction of grain in beef cattle feed	not used	8.000E-01	---	AVFG4
C14	Fraction of grain in milk cow feed	not used	2.000E-01	---	AVFG5
STOR	Storage times of contaminated foodstuffs (days):				
STOR	Fruits, non-leafy vegetables, and grain	1.400E+01	1.400E+01	---	STOR_T(1)
STOR	Leafy vegetables	1.000E+00	1.000E+00	---	STOR_T(2)
STOR	Milk	1.000E+00	1.000E+00	---	STOR_T(3)
STOR	Meat and poultry	2.000E+01	2.000E+01	---	STOR_T(4)
STOR	Fish	7.000E+00	7.000E+00	---	STOR_T(5)
STOR	Crustacea and mollusks	7.000E+00	7.000E+00	---	STOR_T(6)
STOR	Well water	1.000E+00	1.000E+00	---	STOR_T(7)
STOR	Surface water	1.000E+00	1.000E+00	---	STOR_T(8)
STOR	Livestock fodder	4.500E+01	4.500E+01	---	STOR_T(9)
R021	Thickness of building foundation (m)	not used	1.500E-01	---	FLOOR1
R021	Bulk density of building foundation (g/cm**3)	not used	2.400E+00	---	DENSFL
R021	Total porosity of the cover material	not used	4.000E-01	---	TPCV
R021	Total porosity of the building foundation	not used	1.000E-01	---	TPFL
R021	Volumetric water content of the cover material	not used	5.000E-02	---	PH2OCV
R021	Volumetric water content of the foundation	not used	3.000E-02	---	PH2OFL
R021	Diffusion coefficient for radon gas (m/sec):				
R021	in cover material	not used	2.000E-06	---	DIFCV
R021	in foundation material	not used	3.000E-07	---	DIFFL
R021	in contaminated zone soil	not used	2.000E-06	---	DIFCZ
R021	Radon vertical dimension of mixing (m)	not used	2.000E+00	---	HMIX
R021	Average building air exchange rate (1/hr)	not used	5.000E-01	---	REXG
R021	Height of the building (room) (m)	not used	2.500E+00	---	HRM
R021	Building interior area factor	not used	0.000E+00	---	FAI
R021	Building depth below ground surface (m)	not used	-1.000E+00	---	DMFL
R021	Emanating power of Rn-222 gas	not used	2.500E-01	---	EMANA(1)
R021	Emanating power of Rn-220 gas	not used	1.500E-01	---	EMANA(2)
TITL	Number of graphical time points	32	---	---	NPTS

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Site-Specific Parameter Summary (continued)

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
TITL	Maximum number of integration points for dose	17	---	---	LYMAX
TITL	Maximum number of integration points for risk	257	---	---	KYMAX

Summary of Pathway Selections

Pathway	User Selection
1 -- external gamma	active
2 -- inhalation (w/o radon)	active
3 -- plant ingestion	active
4 -- meat ingestion	suppressed
5 -- milk ingestion	suppressed
6 -- aquatic foods	suppressed
7 -- drinking water	active
8 -- soil ingestion	active
9 -- radon	suppressed
Find peak pathway doses	suppressed

Summary : HFBR SU 7D_Residential_Bkgd Subtract
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Contaminated Zone Dimensions		Initial Soil Concentrations, pCi/g	
Area:	1543.00 square meters	Cs-137	2.060E-01
Thickness:	5.00 meters	Eu-152	1.470E-01
Cover Depth:	0.00 meters	Eu-154	1.010E-01
		Gd-152	1.470E-01
		Ni-63	3.980E-01
		Pb-210	2.150E-02
		Ra-226	2.150E-02

Total Dose TDOSE(t), mrem/yr
Basic Radiation Dose Limit = 2.500E+01 mrem/yr
Total Mixture Sum M(t) = Fraction of Basic Dose Limit Received at Time (t)

t (years):	0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
TDOSE(t):	1.857E+00	1.783E+00	1.530E+00	1.287E+00	5.731E-01	4.023E-01	1.912E-01	8.945E-02
M(t):	7.426E-02	7.133E-02	6.121E-02	5.146E-02	2.292E-02	1.609E-02	7.649E-03	3.578E-03

Maximum TDOSE(t): 1.857E+00 mrem/yr at t = 0.000E+00 years

Summary : HFBR SU 7D_Residential_Bkgd Subtract
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Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 0.000E+00 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Cs-137	4.036E-01	0.2174	1.121E-07	0.0000	0.000E+00	0.0000	3.543E-02	0.0191	0.000E+00	0.0000	0.000E+00	0.0000	3.345E-04	0.0002
Eu-152	5.894E-01	0.3175	5.461E-07	0.0000	0.000E+00	0.0000	2.019E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	3.049E-05	0.0000
Eu-154	4.373E-01	0.2355	4.792E-07	0.0000	0.000E+00	0.0000	2.017E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	3.047E-05	0.0000
Gd-152	0.000E+00	0.0000	6.162E-04	0.0003	0.000E+00	0.0000	5.147E-03	0.0028	0.000E+00	0.0000	0.000E+00	0.0000	7.774E-04	0.0004
Ni-63	0.000E+00	0.0000	4.303E-08	0.0000	0.000E+00	0.0000	9.953E-04	0.0005	0.000E+00	0.0000	0.000E+00	0.0000	7.516E-06	0.0000
Pb-210	7.708E-05	0.0000	8.468E-06	0.0000	0.000E+00	0.0000	1.340E-01	0.0722	0.000E+00	0.0000	0.000E+00	0.0000	5.058E-03	0.0027
Ra-226	1.410E-01	0.0759	3.318E-06	0.0000	0.000E+00	0.0000	1.012E-01	0.0545	0.000E+00	0.0000	0.000E+00	0.0000	1.011E-03	0.0005
Total	1.571E+00	0.8464	6.292E-04	0.0003	0.000E+00	0.0000	2.772E-01	0.1493	0.000E+00	0.0000	0.000E+00	0.0000	7.250E-03	0.0039

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 0.000E+00 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Cs-137	1.738E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.597E-10	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.394E-01	0.2366
Eu-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.896E-01	0.3176
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.375E-01	0.2357
Gd-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.541E-03	0.0035
Ni-63	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.003E-03	0.0005
Pb-210	1.347E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	9.258E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.392E-01	0.0750
Ra-226	5.778E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.026E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.433E-01	0.1310
Total	1.925E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	1.328E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.857E+00	1.0000

*Sum of all water independent and dependent pathways.

Summary : HFBR SU 7D_Residential_Bkgd Subtract
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Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+00 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Cs-137	3.943E-01	0.2211	1.095E-07	0.0000	0.000E+00	0.0000	3.462E-02	0.0194	0.000E+00	0.0000	0.000E+00	0.0000	3.268E-04	0.0002
Eu-152	5.595E-01	0.3137	5.184E-07	0.0000	0.000E+00	0.0000	1.916E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	2.894E-05	0.0000
Eu-154	4.041E-01	0.2266	4.429E-07	0.0000	0.000E+00	0.0000	1.864E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	2.816E-05	0.0000
Gd-152	0.000E+00	0.0000	6.162E-04	0.0003	0.000E+00	0.0000	5.147E-03	0.0029	0.000E+00	0.0000	0.000E+00	0.0000	7.773E-04	0.0004
Ni-63	0.000E+00	0.0000	4.272E-08	0.0000	0.000E+00	0.0000	9.881E-04	0.0006	0.000E+00	0.0000	0.000E+00	0.0000	7.462E-06	0.0000
Pb-210	7.466E-05	0.0000	8.202E-06	0.0000	0.000E+00	0.0000	1.298E-01	0.0728	0.000E+00	0.0000	0.000E+00	0.0000	4.899E-03	0.0027
Ra-226	1.407E-01	0.0789	3.571E-06	0.0000	0.000E+00	0.0000	1.052E-01	0.0590	0.000E+00	0.0000	0.000E+00	0.0000	1.164E-03	0.0007
Total	1.499E+00	0.8404	6.291E-04	0.0004	0.000E+00	0.0000	2.761E-01	0.1548	0.000E+00	0.0000	0.000E+00	0.0000	7.232E-03	0.0041

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+00 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Cs-137	5.181E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.133E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.293E-01	0.2407
Eu-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.597E-01	0.3139
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.043E-01	0.2267
Gd-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.540E-03	0.0037
Ni-63	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.956E-04	0.0006
Pb-210	3.943E-04	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	2.813E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.352E-01	0.0758
Ra-226	1.877E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	1.353E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.473E-01	0.1387
Total	5.821E-04	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	4.166E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.783E+00	1.0000

*Sum of all water independent and dependent pathways.

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Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+00 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Cs-137	3.593E-01	0.2348	9.976E-08	0.0000	0.000E+00	0.0000	3.154E-02	0.0206	0.000E+00	0.0000	0.000E+00	0.0000	2.977E-04	0.0002
Eu-152	4.542E-01	0.2969	4.209E-07	0.0000	0.000E+00	0.0000	1.556E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	2.350E-05	0.0000
Eu-154	2.948E-01	0.1926	3.230E-07	0.0000	0.000E+00	0.0000	1.360E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	2.054E-05	0.0000
Gd-152	0.000E+00	0.0000	6.159E-04	0.0004	0.000E+00	0.0000	5.145E-03	0.0034	0.000E+00	0.0000	0.000E+00	0.0000	7.770E-04	0.0005
Ni-63	0.000E+00	0.0000	4.149E-08	0.0000	0.000E+00	0.0000	9.596E-04	0.0006	0.000E+00	0.0000	0.000E+00	0.0000	7.247E-06	0.0000
Pb-210	6.572E-05	0.0000	7.220E-06	0.0000	0.000E+00	0.0000	1.142E-01	0.0746	0.000E+00	0.0000	0.000E+00	0.0000	4.313E-03	0.0028
Ra-226	1.399E-01	0.0914	4.503E-06	0.0000	0.000E+00	0.0000	1.197E-01	0.0782	0.000E+00	0.0000	0.000E+00	0.0000	1.727E-03	0.0011
Total	1.248E+00	0.8157	6.285E-04	0.0004	0.000E+00	0.0000	2.718E-01	0.1776	0.000E+00	0.0000	0.000E+00	0.0000	7.165E-03	0.0047

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+00 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Cs-137	1.796E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.178E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.911E-01	0.2556
Eu-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.544E-01	0.2970
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.949E-01	0.1928
Gd-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.538E-03	0.0043
Ni-63	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.669E-04	0.0006
Pb-210	1.278E-03	0.0008	0.000E+00	0.0000	0.000E+00	0.0000	9.274E-05	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	1.200E-01	0.0784
Ra-226	8.994E-04	0.0006	0.000E+00	0.0000	0.000E+00	0.0000	6.570E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.622E-01	0.1714
Total	2.178E-03	0.0014	0.000E+00	0.0000	0.000E+00	0.0000	1.585E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	1.530E+00	1.0000

*Sum of all water independent and dependent pathways.

Summary : HFBR SU 7D_Residential_Bkgd Subtract
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Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+01 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Cs-137	3.198E-01	0.2486	8.881E-08	0.0000	0.000E+00	0.0000	2.808E-02	0.0218	0.000E+00	0.0000	0.000E+00	0.0000	2.650E-04	0.0002
Eu-152	3.501E-01	0.2721	3.244E-07	0.0000	0.000E+00	0.0000	1.199E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	1.811E-05	0.0000
Eu-154	1.987E-01	0.1545	2.178E-07	0.0000	0.000E+00	0.0000	9.168E-05	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	1.385E-05	0.0000
Gd-152	0.000E+00	0.0000	6.156E-04	0.0005	0.000E+00	0.0000	5.142E-03	0.0040	0.000E+00	0.0000	0.000E+00	0.0000	7.767E-04	0.0006
Ni-63	0.000E+00	0.0000	4.000E-08	0.0000	0.000E+00	0.0000	9.252E-04	0.0007	0.000E+00	0.0000	0.000E+00	0.0000	6.987E-06	0.0000
Pb-210	5.603E-05	0.0000	6.156E-06	0.0000	0.000E+00	0.0000	9.738E-02	0.0757	0.000E+00	0.0000	0.000E+00	0.0000	3.677E-03	0.0029
Ra-226	1.388E-01	0.1079	5.500E-06	0.0000	0.000E+00	0.0000	1.351E-01	0.1050	0.000E+00	0.0000	0.000E+00	0.0000	2.330E-03	0.0018
Total	1.007E+00	0.7831	6.280E-04	0.0005	0.000E+00	0.0000	2.668E-01	0.2074	0.000E+00	0.0000	0.000E+00	0.0000	7.088E-03	0.0055

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+01 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Cs-137	3.071E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.131E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.482E-01	0.2706
Eu-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.502E-01	0.2722
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.988E-01	0.1545
Gd-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.535E-03	0.0051
Ni-63	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.323E-04	0.0007
Pb-210	2.086E-03	0.0016	0.000E+00	0.0000	0.000E+00	0.0000	1.518E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	1.034E-01	0.0803
Ra-226	2.158E-03	0.0017	0.000E+00	0.0000	0.000E+00	0.0000	1.579E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	2.785E-01	0.2164
Total	4.245E-03	0.0033	0.000E+00	0.0000	0.000E+00	0.0000	3.097E-04	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	1.287E+00	1.0000

*Sum of all water independent and dependent pathways.

Summary : HFBR SU 7D_Residential_Bkgd Subtract
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Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+01 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Cs-137	1.262E-01	0.2201	3.503E-08	0.0000	0.000E+00	0.0000	1.108E-02	0.0193	0.000E+00	0.0000	0.000E+00	0.0000	1.045E-04	0.0002
Eu-152	4.356E-02	0.0760	4.037E-08	0.0000	0.000E+00	0.0000	1.492E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.254E-06	0.0000
Eu-154	8.477E-03	0.0148	9.289E-09	0.0000	0.000E+00	0.0000	3.911E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.906E-07	0.0000
Gd-152	0.000E+00	0.0000	6.132E-04	0.0011	0.000E+00	0.0000	5.122E-03	0.0089	0.000E+00	0.0000	0.000E+00	0.0000	7.736E-04	0.0013
Ni-63	0.000E+00	0.0000	2.987E-08	0.0000	0.000E+00	0.0000	6.909E-04	0.0012	0.000E+00	0.0000	0.000E+00	0.0000	5.218E-06	0.0000
Pb-210	1.565E-05	0.0000	1.719E-06	0.0000	0.000E+00	0.0000	2.719E-02	0.0474	0.000E+00	0.0000	0.000E+00	0.0000	1.027E-03	0.0018
Ra-226	1.303E-01	0.2273	9.324E-06	0.0000	0.000E+00	0.0000	1.926E-01	0.3361	0.000E+00	0.0000	0.000E+00	0.0000	4.673E-03	0.0082
Total	3.085E-01	0.5382	6.244E-04	0.0011	0.000E+00	0.0000	2.367E-01	0.4130	0.000E+00	0.0000	0.000E+00	0.0000	6.586E-03	0.0115

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+01 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Cs-137	5.885E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.279E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.373E-01	0.2396
Eu-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.358E-02	0.0760
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.481E-03	0.0148
Gd-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.509E-03	0.0114
Ni-63	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.962E-04	0.0012
Pb-210	2.847E-03	0.0050	0.000E+00	0.0000	0.000E+00	0.0000	2.077E-04	0.0004	0.000E+00	0.0000	0.000E+00	0.0000	3.129E-02	0.0546
Ra-226	1.648E-02	0.0287	0.000E+00	0.0000	0.000E+00	0.0000	1.205E-03	0.0021	0.000E+00	0.0000	0.000E+00	0.0000	3.452E-01	0.6024
Total	1.932E-02	0.0337	0.000E+00	0.0000	0.000E+00	0.0000	1.413E-03	0.0025	0.000E+00	0.0000	0.000E+00	0.0000	5.731E-01	1.0000

*Sum of all water independent and dependent pathways.

Summary : HFBR SU 7D_Residential_Bkgd Subtract
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Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+02 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Cs-137	3.943E-02	0.0980	1.095E-08	0.0000	0.000E+00	0.0000	3.462E-03	0.0086	0.000E+00	0.0000	0.000E+00	0.0000	3.268E-05	0.0001
Eu-152	3.220E-03	0.0080	2.984E-09	0.0000	0.000E+00	0.0000	1.103E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.666E-07	0.0000
Eu-154	1.643E-04	0.0004	1.801E-10	0.0000	0.000E+00	0.0000	7.581E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.145E-08	0.0000
Gd-152	0.000E+00	0.0000	6.102E-04	0.0015	0.000E+00	0.0000	5.097E-03	0.0127	0.000E+00	0.0000	0.000E+00	0.0000	7.698E-04	0.0019
Ni-63	0.000E+00	0.0000	2.074E-08	0.0000	0.000E+00	0.0000	4.796E-04	0.0012	0.000E+00	0.0000	0.000E+00	0.0000	3.622E-06	0.0000
Pb-210	3.176E-06	0.0000	3.490E-07	0.0000	0.000E+00	0.0000	5.520E-03	0.0137	0.000E+00	0.0000	0.000E+00	0.0000	2.084E-04	0.0005
Ra-226	1.203E-01	0.2991	9.884E-06	0.0000	0.000E+00	0.0000	1.980E-01	0.4922	0.000E+00	0.0000	0.000E+00	0.0000	5.076E-03	0.0126
Total	1.632E-01	0.4056	6.205E-04	0.0015	0.000E+00	0.0000	2.126E-01	0.5284	0.000E+00	0.0000	0.000E+00	0.0000	6.090E-03	0.0151

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+02 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Cs-137	3.690E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.699E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.293E-02	0.1067
Eu-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.221E-03	0.0080
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.644E-04	0.0004
Gd-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.477E-03	0.0161
Ni-63	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.832E-04	0.0012
Pb-210	6.880E-04	0.0017	0.000E+00	0.0000	0.000E+00	0.0000	5.023E-05	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	6.471E-03	0.0161
Ra-226	1.780E-02	0.0442	0.000E+00	0.0000	0.000E+00	0.0000	1.302E-03	0.0032	0.000E+00	0.0000	0.000E+00	0.0000	3.425E-01	0.8515
Total	1.849E-02	0.0460	0.000E+00	0.0000	0.000E+00	0.0000	1.352E-03	0.0034	0.000E+00	0.0000	0.000E+00	0.0000	4.023E-01	1.0000

*Sum of all water independent and dependent pathways.

Summary : HFBR SU 7D_Residential_Bkgd Subtract
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Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+02 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Cs-137	3.594E-06	0.0000	9.980E-13	0.0000	0.000E+00	0.0000	3.155E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.979E-09	0.0000
Eu-152	2.869E-12	0.0000	2.288E-17	0.0000	0.000E+00	0.0000	1.151E-15	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.739E-16	0.0000
Eu-154	3.277E-18	0.0000	3.591E-24	0.0000	0.000E+00	0.0000	1.512E-21	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.283E-22	0.0000
Gd-152	0.000E+00	0.0000	5.867E-04	0.0031	0.000E+00	0.0000	4.901E-03	0.0256	0.000E+00	0.0000	0.000E+00	0.0000	7.402E-04	0.0039
Ni-63	0.000E+00	0.0000	1.118E-09	0.0000	0.000E+00	0.0000	2.585E-05	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	1.952E-07	0.0000
Pb-210	9.160E-12	0.0000	1.006E-12	0.0000	0.000E+00	0.0000	1.592E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.011E-10	0.0000
Ra-226	6.378E-02	0.3335	5.429E-06	0.0000	0.000E+00	0.0000	1.080E-01	0.5645	0.000E+00	0.0000	0.000E+00	0.0000	2.804E-03	0.0147
Total	6.379E-02	0.3335	5.922E-04	0.0031	0.000E+00	0.0000	1.129E-01	0.5903	0.000E+00	0.0000	0.000E+00	0.0000	3.544E-03	0.0185

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+02 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Cs-137	1.775E-10	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.305E-11	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.913E-06	0.0000
Eu-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.870E-12	0.0000
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.279E-18	0.0000
Gd-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.228E-03	0.0326
Ni-63	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.605E-05	0.0001
Pb-210	1.963E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.433E-10	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.864E-08	0.0000
Ra-226	9.723E-03	0.0508	0.000E+00	0.0000	0.000E+00	0.0000	7.111E-04	0.0037	0.000E+00	0.0000	0.000E+00	0.0000	1.850E-01	0.9673
Total	9.723E-03	0.0508	0.000E+00	0.0000	0.000E+00	0.0000	7.111E-04	0.0037	0.000E+00	0.0000	0.000E+00	0.0000	1.912E-01	1.0000

*Sum of all water independent and dependent pathways.

Summary : HFBR SU 7D_Residential_Bkgd Subtract
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Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+03 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Cs-137	3.201E-11	0.0000	8.888E-18	0.0000	0.000E+00	0.0000	2.810E-12	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.653E-14	0.0000
Eu-152	1.396E-23	0.0000	1.925E-17	0.0000	0.000E+00	0.0000	1.608E-16	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.429E-17	0.0000
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Gd-152	0.000E+00	0.0000	5.587E-04	0.0062	0.000E+00	0.0000	4.666E-03	0.0522	0.000E+00	0.0000	0.000E+00	0.0000	7.048E-04	0.0079
Ni-63	0.000E+00	0.0000	2.903E-11	0.0000	0.000E+00	0.0000	6.716E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.071E-09	0.0000
Pb-210	1.089E-18	0.0000	1.196E-19	0.0000	0.000E+00	0.0000	1.892E-15	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.143E-17	0.0000
Ra-226	2.885E-02	0.3225	2.455E-06	0.0000	0.000E+00	0.0000	4.882E-02	0.5458	0.000E+00	0.0000	0.000E+00	0.0000	1.268E-03	0.0142
Total	2.885E-02	0.3225	5.611E-04	0.0063	0.000E+00	0.0000	5.349E-02	0.5979	0.000E+00	0.0000	0.000E+00	0.0000	1.973E-03	0.0221

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+03 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Cs-137	3.397E-15	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.498E-16	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.485E-11	0.0000
Eu-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.043E-16	0.0000
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Gd-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.930E-03	0.0663
Ni-63	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.767E-07	0.0000
Pb-210	2.286E-16	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.669E-17	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.210E-15	0.0000
Ra-226	4.274E-03	0.0478	0.000E+00	0.0000	0.000E+00	0.0000	3.126E-04	0.0035	0.000E+00	0.0000	0.000E+00	0.0000	8.352E-02	0.9337
Total	4.274E-03	0.0478	0.000E+00	0.0000	0.000E+00	0.0000	3.126E-04	0.0035	0.000E+00	0.0000	0.000E+00	0.0000	8.945E-02	1.0000

*Sum of all water independent and dependent pathways.

Summary : HFBR SU 7D_Residential_Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7D\SU 7D_RESIDENTIAL_BKGD SUBTRACT.RAD

Dose/Source Ratios Summed Over All Pathways
Parent and Progeny Principal Radionuclide Contributions Indicated

Parent (i)	Product (j)	Thread Fraction	DSR(j,t) At Time in Years (mrem/yr)/(pCi/g) 0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
Cs-137+D	Cs-137+D	1.000E+00	2.133E+00	2.084E+00	1.899E+00	1.690E+00	6.667E-01	2.084E-01	1.900E-05	1.692E-10
Eu-152	Eu-152	7.208E-01	2.891E+00	2.744E+00	2.228E+00	1.717E+00	2.137E-01	1.580E-02	1.407E-11	6.848E-23
Eu-152	Eu-152	2.792E-01	1.120E+00	1.063E+00	8.631E-01	6.652E-01	8.278E-02	6.118E-03	5.450E-12	2.653E-23
Eu-152	Gd-152	2.792E-01	3.918E-17	1.149E-16	3.811E-16	6.444E-16	1.415E-15	1.510E-15	1.460E-15	1.390E-15
Eu-152	∑DSR(j)		1.120E+00	1.063E+00	8.631E-01	6.652E-01	8.278E-02	6.118E-03	5.452E-12	1.390E-15
Eu-154	Eu-154	1.000E+00	4.332E+00	4.003E+00	2.920E+00	1.969E+00	8.397E-02	1.628E-03	3.246E-17	2.433E-34
Gd-152	Gd-152	1.000E+00	4.450E-02	4.449E-02	4.448E-02	4.445E-02	4.428E-02	4.406E-02	4.237E-02	4.034E-02
Ni-63	Ni-63	1.000E+00	2.520E-03	2.501E-03	2.429E-03	2.342E-03	1.749E-03	1.214E-03	6.545E-05	1.700E-06
Pb-210+D	Pb-210+D	1.000E+00	6.477E+00	6.287E+00	5.580E+00	4.807E+00	1.456E+00	3.010E-01	8.669E-07	1.028E-13
Ra-226+D	Ra-226+D	1.000E+00	1.120E+01	1.118E+01	1.113E+01	1.107E+01	1.054E+01	9.737E+00	5.159E+00	2.332E+00
Ra-226+D	Pb-210+D	1.000E+00	1.191E-01	3.208E-01	1.062E+00	1.879E+00	5.516E+00	6.195E+00	3.444E+00	1.553E+00
Ra-226+D	∑DSR(j)		1.131E+01	1.150E+01	1.220E+01	1.295E+01	1.606E+01	1.593E+01	8.604E+00	3.885E+00

The DSR includes contributions from associated (half-life ≤ 180 days) daughters.

Single Radionuclide Soil Guidelines G(i,t) in pCi/g
Basic Radiation Dose Limit = 2.500E+01 mrem/yr

Nuclide (i)	t= 0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
Cs-137	1.172E+01	1.200E+01	1.317E+01	1.479E+01	3.750E+01	1.200E+02	1.316E+06	1.478E+11
Eu-152	6.233E+00	6.566E+00	8.087E+00	1.049E+01	8.432E+01	1.141E+03	1.281E+12	*1.765E+14
Eu-154	5.771E+00	6.245E+00	8.561E+00	1.270E+01	2.977E+02	1.536E+04	*2.639E+14	*2.639E+14
Gd-152	*2.179E+01	*2.179E+01	*2.179E+01	*2.179E+01	*2.179E+01	*2.179E+01	*2.179E+01	*2.179E+01
Ni-63	9.921E+03	9.994E+03	1.029E+04	1.067E+04	1.429E+04	2.059E+04	3.820E+05	1.470E+07
Pb-210	3.860E+00	3.977E+00	4.480E+00	5.200E+00	1.718E+01	8.307E+01	2.884E+07	*7.634E+13
Ra-226	2.210E+00	2.173E+00	2.050E+00	1.930E+00	1.557E+00	1.569E+00	2.906E+00	6.435E+00

*At specific activity limit

Summary : HFBR SU 7D_Residential_Bkgd Subtract
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Summed Dose/Source Ratios DSR(i,t) in (mrem/yr)/(pCi/g)
and Single Radionuclide Soil Guidelines G(i,t) in pCi/g
at tmin = time of minimum single radionuclide soil guideline
and at tmax = time of maximum total dose = 0.000E+00 years

Nuclide (i)	Initial (pCi/g)	tmin (years)	DSR(i,tmin)	G(i,tmin) (pCi/g)	DSR(i,tmax)	G(i,tmax) (pCi/g)
Cs-137	2.060E-01	0.000E+00	2.133E+00	1.172E+01	2.133E+00	1.172E+01
Eu-152	1.470E-01	0.000E+00	4.011E+00	6.233E+00	4.011E+00	6.233E+00
Eu-154	1.010E-01	0.000E+00	4.332E+00	5.771E+00	4.332E+00	5.771E+00
Gd-152	1.470E-01	0.000E+00	4.450E-02	*2.179E+01	4.450E-02	*2.179E+01
Ni-63	3.980E-01	0.000E+00	2.520E-03	9.921E+03	2.520E-03	9.921E+03
Pb-210	2.150E-02	0.000E+00	6.477E+00	3.860E+00	6.477E+00	3.860E+00
Ra-226	2.150E-02	68.0 ± 0.1	1.623E+01	1.540E+00	1.131E+01	2.210E+00

*At specific activity limit

Summary : HFBR SU 7D_Residential_Bkgd Subtract
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Individual Nuclide Dose Summed Over All Pathways
Parent Nuclide and Branch Fraction Indicated

Nuclide (j)	Parent (i)	THF(i)	DOSE(j,t), mrem/yr t= 0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
Cs-137	Cs-137	1.000E+00	4.394E-01	4.293E-01	3.911E-01	3.482E-01	1.373E-01	4.293E-02	3.913E-06	3.485E-11
Eu-152	Eu-152	7.208E-01	4.250E-01	4.034E-01	3.275E-01	2.524E-01	3.141E-02	2.322E-03	2.068E-12	1.007E-23
Eu-152	Eu-152	2.792E-01	1.646E-01	1.563E-01	1.269E-01	9.778E-02	1.217E-02	8.994E-04	8.012E-13	3.899E-24
Eu-152	∑DOSE(j)		5.896E-01	5.597E-01	4.544E-01	3.502E-01	4.358E-02	3.221E-03	2.870E-12	1.397E-23
Gd-152	Eu-152	2.792E-01	5.760E-18	1.689E-17	5.602E-17	9.473E-17	2.081E-16	2.220E-16	2.146E-16	2.043E-16
Gd-152	Gd-152	1.000E+00	6.541E-03	6.540E-03	6.538E-03	6.535E-03	6.509E-03	6.477E-03	6.228E-03	5.930E-03
Gd-152	∑DOSE(j)		6.541E-03	6.540E-03	6.538E-03	6.535E-03	6.509E-03	6.477E-03	6.228E-03	5.930E-03
Eu-154	Eu-154	1.000E+00	4.375E-01	4.043E-01	2.949E-01	1.988E-01	8.481E-03	1.644E-04	3.279E-18	0.000E+00
Ni-63	Ni-63	1.000E+00	1.003E-03	9.956E-04	9.669E-04	9.323E-04	6.962E-04	4.832E-04	2.605E-05	6.767E-07
Pb-210	Pb-210	1.000E+00	1.392E-01	1.352E-01	1.200E-01	1.034E-01	3.129E-02	6.471E-03	1.864E-08	2.210E-15
Pb-210	Ra-226	1.000E+00	2.560E-03	6.896E-03	2.283E-02	4.039E-02	1.186E-01	1.332E-01	7.405E-02	3.338E-02
Pb-210	∑DOSE(j)		1.418E-01	1.421E-01	1.428E-01	1.438E-01	1.499E-01	1.397E-01	7.405E-02	3.338E-02
Ra-226	Ra-226	1.000E+00	2.407E-01	2.404E-01	2.394E-01	2.381E-01	2.266E-01	2.093E-01	1.109E-01	5.014E-02

THF(i) is the thread fraction of the parent nuclide.

Individual Nuclide Soil Concentration
Parent Nuclide and Branch Fraction Indicated

Nuclide (j)	Parent (i)	THF(i)	S(j,t), pCi/g t= 0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
Cs-137	Cs-137	1.000E+00	2.060E-01	2.013E-01	1.834E-01	1.633E-01	6.439E-02	2.013E-02	1.835E-06	1.634E-11
Eu-152	Eu-152	7.208E-01	1.060E-01	1.006E-01	8.166E-02	6.293E-02	7.832E-03	5.789E-04	5.157E-13	2.510E-24
Eu-152	Eu-152	2.792E-01	4.104E-02	3.896E-02	3.163E-02	2.438E-02	3.034E-03	2.242E-04	1.997E-13	9.721E-25
Eu-152	∑S(j):		1.470E-01	1.395E-01	1.133E-01	8.731E-02	1.087E-02	8.031E-04	7.154E-13	3.482E-24
Gd-152	Eu-152	2.792E-01	0.000E+00	2.567E-16	1.159E-15	2.052E-15	4.666E-15	4.989E-15	4.823E-15	4.592E-15
Gd-152	Gd-152	1.000E+00	1.470E-01	1.470E-01	1.469E-01	1.469E-01	1.463E-01	1.456E-01	1.400E-01	1.333E-01
Gd-152	∑S(j):		1.470E-01	1.470E-01	1.469E-01	1.469E-01	1.463E-01	1.456E-01	1.400E-01	1.333E-01
Eu-154	Eu-154	1.000E+00	1.010E-01	9.334E-02	6.809E-02	4.590E-02	1.958E-03	3.795E-05	7.569E-19	5.672E-36
Ni-63	Ni-63	1.000E+00	3.980E-01	3.951E-01	3.837E-01	3.700E-01	2.763E-01	1.918E-01	1.034E-02	2.685E-04
Pb-210	Pb-210	1.000E+00	2.150E-02	2.083E-02	1.833E-02	1.563E-02	4.364E-03	8.860E-04	2.555E-09	3.036E-16
Pb-210	Ra-226	1.000E+00	0.000E+00	6.572E-04	3.076E-03	5.674E-03	1.589E-02	1.791E-02	9.973E-03	4.510E-03
Pb-210	∑S(j):		2.150E-02	2.148E-02	2.141E-02	2.130E-02	2.026E-02	1.879E-02	9.973E-03	4.510E-03
Ra-226	Ra-226	1.000E+00	2.150E-02	2.147E-02	2.133E-02	2.116E-02	1.986E-02	1.834E-02	9.723E-03	4.397E-03

THF(i) is the thread fraction of the parent nuclide.

RESCALC.EXE execution time = 0.65 seconds

Summary : HFBR SU 7A_Bias 1_Industrial_Avg Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\SU 7A_BIAS 1_INDUSTRIAL_BKGD SUBTRACT.RAD

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Dose Conversion Factor (and Related) Parameter Summary
Dose Library: FGR 11

Menu	Parameter	Current Value#	Base Case*	Parameter Name
A-1	DCF's for external ground radiation, (mrem/yr)/(pCi/g)			
A-1	Ac-227 (Source: FGR 12)	4.951E-04	4.951E-04	DCF1(1)
A-1	At-218 (Source: FGR 12)	5.847E-03	5.847E-03	DCF1(2)
A-1	Ba-137m (Source: FGR 12)	3.606E+00	3.606E+00	DCF1(3)
A-1	Bi-210 (Source: FGR 12)	3.606E-03	3.606E-03	DCF1(4)
A-1	Bi-211 (Source: FGR 12)	2.559E-01	2.559E-01	DCF1(5)
A-1	Bi-214 (Source: FGR 12)	9.808E+00	9.808E+00	DCF1(6)
A-1	C-14 (Source: FGR 12)	1.345E-05	1.345E-05	DCF1(7)
A-1	Cs-137 (Source: FGR 12)	7.510E-04	7.510E-04	DCF1(8)
A-1	Eu-154 (Source: FGR 12)	7.678E+00	7.678E+00	DCF1(9)
A-1	Fr-223 (Source: FGR 12)	1.980E-01	1.980E-01	DCF1(10)
A-1	H-3 (Source: FGR 12)	0.000E+00	0.000E+00	DCF1(11)
A-1	Ni-63 (Source: FGR 12)	0.000E+00	0.000E+00	DCF1(12)
A-1	Pa-231 (Source: FGR 12)	1.906E-01	1.906E-01	DCF1(13)
A-1	Pa-234 (Source: FGR 12)	1.155E+01	1.155E+01	DCF1(14)
A-1	Pa-234m (Source: FGR 12)	8.967E-02	8.967E-02	DCF1(15)
A-1	Pb-210 (Source: FGR 12)	2.447E-03	2.447E-03	DCF1(16)
A-1	Pb-211 (Source: FGR 12)	3.064E-01	3.064E-01	DCF1(17)
A-1	Pb-214 (Source: FGR 12)	1.341E+00	1.341E+00	DCF1(18)
A-1	Po-210 (Source: FGR 12)	5.231E-05	5.231E-05	DCF1(19)
A-1	Po-211 (Source: FGR 12)	4.764E-02	4.764E-02	DCF1(20)
A-1	Po-214 (Source: FGR 12)	5.138E-04	5.138E-04	DCF1(21)
A-1	Po-215 (Source: FGR 12)	1.016E-03	1.016E-03	DCF1(22)
A-1	Po-218 (Source: FGR 12)	5.642E-05	5.642E-05	DCF1(23)
A-1	Ra-223 (Source: FGR 12)	6.034E-01	6.034E-01	DCF1(24)
A-1	Ra-226 (Source: FGR 12)	3.176E-02	3.176E-02	DCF1(25)
A-1	Rn-219 (Source: FGR 12)	3.083E-01	3.083E-01	DCF1(26)
A-1	Rn-222 (Source: FGR 12)	2.354E-03	2.354E-03	DCF1(27)
A-1	Sr-90 (Source: FGR 12)	7.043E-04	7.043E-04	DCF1(28)
A-1	Th-227 (Source: FGR 12)	5.212E-01	5.212E-01	DCF1(29)
A-1	Th-230 (Source: FGR 12)	1.209E-03	1.209E-03	DCF1(30)
A-1	Th-231 (Source: FGR 12)	3.643E-02	3.643E-02	DCF1(31)
A-1	Th-234 (Source: FGR 12)	2.410E-02	2.410E-02	DCF1(32)
A-1	Tl-207 (Source: FGR 12)	1.980E-02	1.980E-02	DCF1(33)
A-1	Tl-210 (Source: no data)	0.000E+00	-2.000E+00	DCF1(34)
A-1	U-234 (Source: FGR 12)	4.017E-04	4.017E-04	DCF1(35)
A-1	U-235 (Source: FGR 12)	7.211E-01	7.211E-01	DCF1(36)
A-1	U-238 (Source: FGR 12)	1.031E-04	1.031E-04	DCF1(37)
A-1	Y-90 (Source: FGR 12)	2.391E-02	2.391E-02	DCF1(38)
B-1	Dose conversion factors for inhalation, mrem/pCi:			
B-1	Ac-227+D	6.724E+00	6.700E+00	DCF2(1)
B-1	C-14(p) (Class: ORGANIC)	2.090E-06	2.090E-06	DCF2(2)
B-1	C-14(g) (Class: CO2)	2.350E-08	2.350E-08	C14GInhDCF
B-1	Cs-137+D	3.190E-05	3.190E-05	DCF2(3)
B-1	Eu-154	2.860E-04	2.860E-04	DCF2(4)
B-1	H-3	6.400E-08	6.400E-08	DCF2(5)
B-1	Ni-63	6.290E-06	6.290E-06	DCF2(6)
B-1	Pa-231	1.280E+00	1.280E+00	DCF2(7)
B-1	Pb-210+D	2.320E-02	1.360E-02	DCF2(8)

Dose Conversion Factor (and Related) Parameter Summary (continued)
Dose Library: FGR 11

Menu	Parameter	Current Value#	Base Case*	Parameter Name
B-1	Ra-226+D	8.594E-03	8.580E-03	DCF2(9)
B-1	Sr-90+D	1.308E-03	1.300E-03	DCF2(10)
B-1	Th-230	3.260E-01	3.260E-01	DCF2(11)
B-1	U-234	1.320E-01	1.320E-01	DCF2(12)
B-1	U-235+D	1.230E-01	1.230E-01	DCF2(13)
B-1	U-238	1.180E-01	1.180E-01	DCF2(14)
B-1	U-238+D	1.180E-01	1.180E-01	DCF2(15)
D-1	Dose conversion factors for ingestion, mrem/pCi:			
D-1	Ac-227+D	1.480E-02	1.410E-02	DCF3(1)
D-1	C-14	2.090E-06	2.090E-06	DCF3(2)
D-1	Cs-137+D	5.000E-05	5.000E-05	DCF3(3)
D-1	Eu-154	9.550E-06	9.550E-06	DCF3(4)
D-1	H-3	6.400E-08	6.400E-08	DCF3(5)
D-1	Ni-63	5.770E-07	5.770E-07	DCF3(6)
D-1	Pa-231	1.060E-02	1.060E-02	DCF3(7)
D-1	Pb-210+D	7.276E-03	5.370E-03	DCF3(8)
D-1	Ra-226+D	1.321E-03	1.320E-03	DCF3(9)
D-1	Sr-90+D	1.528E-04	1.420E-04	DCF3(10)
D-1	Th-230	5.480E-04	5.480E-04	DCF3(11)
D-1	U-234	2.830E-04	2.830E-04	DCF3(12)
D-1	U-235+D	2.673E-04	2.660E-04	DCF3(13)
D-1	U-238	2.550E-04	2.550E-04	DCF3(14)
D-1	U-238+D	2.687E-04	2.550E-04	DCF3(15)
D-34	Food transfer factors:			
D-34	Ac-227+D , plant/soil concentration ratio, dimensionless	2.500E-03	2.500E-03	RTF(1,1)
D-34	Ac-227+D , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	2.000E-05	2.000E-05	RTF(1,2)
D-34	Ac-227+D , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	2.000E-05	2.000E-05	RTF(1,3)
D-34				
D-34	C-14 , plant/soil concentration ratio, dimensionless	5.500E+00	5.500E+00	RTF(2,1)
D-34	C-14 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	3.100E-02	3.100E-02	RTF(2,2)
D-34	C-14 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	1.200E-02	1.200E-02	RTF(2,3)
D-34				
D-34	Cs-137+D , plant/soil concentration ratio, dimensionless	4.000E-02	4.000E-02	RTF(3,1)
D-34	Cs-137+D , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	3.000E-02	3.000E-02	RTF(3,2)
D-34	Cs-137+D , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	8.000E-03	8.000E-03	RTF(3,3)
D-34				
D-34	Eu-154 , plant/soil concentration ratio, dimensionless	2.500E-03	2.500E-03	RTF(4,1)
D-34	Eu-154 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	2.000E-03	2.000E-03	RTF(4,2)
D-34	Eu-154 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	5.000E-05	5.000E-05	RTF(4,3)
D-34				
D-34	H-3 , plant/soil concentration ratio, dimensionless	4.800E+00	4.800E+00	RTF(5,1)
D-34	H-3 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	1.200E-02	1.200E-02	RTF(5,2)
D-34	H-3 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	1.000E-02	1.000E-02	RTF(5,3)
D-34				
D-34	Ni-63 , plant/soil concentration ratio, dimensionless	5.000E-02	5.000E-02	RTF(6,1)
D-34	Ni-63 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	5.000E-03	5.000E-03	RTF(6,2)
D-34	Ni-63 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	2.000E-02	2.000E-02	RTF(6,3)
D-34				

Dose Conversion Factor (and Related) Parameter Summary (continued)
Dose Library: FGR 11

Menu	Parameter	Current Value#	Base Case*	Parameter Name
D-34	Pa-231 , plant/soil concentration ratio, dimensionless	1.000E-02	1.000E-02	RTF(7,1)
D-34	Pa-231 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	5.000E-03	5.000E-03	RTF(7,2)
D-34	Pa-231 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	5.000E-06	5.000E-06	RTF(7,3)
D-34				
D-34	Pb-210+D , plant/soil concentration ratio, dimensionless	1.000E-02	1.000E-02	RTF(8,1)
D-34	Pb-210+D , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	8.000E-04	8.000E-04	RTF(8,2)
D-34	Pb-210+D , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	3.000E-04	3.000E-04	RTF(8,3)
D-34				
D-34	Ra-226+D , plant/soil concentration ratio, dimensionless	4.000E-02	4.000E-02	RTF(9,1)
D-34	Ra-226+D , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	1.000E-03	1.000E-03	RTF(9,2)
D-34	Ra-226+D , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	1.000E-03	1.000E-03	RTF(9,3)
D-34				
D-34	Sr-90+D , plant/soil concentration ratio, dimensionless	3.000E-01	3.000E-01	RTF(10,1)
D-34	Sr-90+D , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	8.000E-03	8.000E-03	RTF(10,2)
D-34	Sr-90+D , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	2.000E-03	2.000E-03	RTF(10,3)
D-34				
D-34	Th-230 , plant/soil concentration ratio, dimensionless	1.000E-03	1.000E-03	RTF(11,1)
D-34	Th-230 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	1.000E-04	1.000E-04	RTF(11,2)
D-34	Th-230 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	5.000E-06	5.000E-06	RTF(11,3)
D-34				
D-34	U-234 , plant/soil concentration ratio, dimensionless	2.500E-03	2.500E-03	RTF(12,1)
D-34	U-234 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	3.400E-04	3.400E-04	RTF(12,2)
D-34	U-234 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	6.000E-04	6.000E-04	RTF(12,3)
D-34				
D-34	U-235+D , plant/soil concentration ratio, dimensionless	2.500E-03	2.500E-03	RTF(13,1)
D-34	U-235+D , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	3.400E-04	3.400E-04	RTF(13,2)
D-34	U-235+D , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	6.000E-04	6.000E-04	RTF(13,3)
D-34				
D-34	U-238 , plant/soil concentration ratio, dimensionless	2.500E-03	2.500E-03	RTF(14,1)
D-34	U-238 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	3.400E-04	3.400E-04	RTF(14,2)
D-34	U-238 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	6.000E-04	6.000E-04	RTF(14,3)
D-34				
D-34	U-238+D , plant/soil concentration ratio, dimensionless	2.500E-03	2.500E-03	RTF(15,1)
D-34	U-238+D , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	3.400E-04	3.400E-04	RTF(15,2)
D-34	U-238+D , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	6.000E-04	6.000E-04	RTF(15,3)
D-5	Bioaccumulation factors, fresh water, L/kg:			
D-5	Ac-227+D , fish	1.500E+01	1.500E+01	BIOFAC(1,1)
D-5	Ac-227+D , crustacea and mollusks	1.000E+03	1.000E+03	BIOFAC(1,2)
D-5				
D-5	C-14 , fish	5.000E+04	5.000E+04	BIOFAC(2,1)
D-5	C-14 , crustacea and mollusks	9.100E+03	9.100E+03	BIOFAC(2,2)
D-5				
D-5	Cs-137+D , fish	2.000E+03	2.000E+03	BIOFAC(3,1)
D-5	Cs-137+D , crustacea and mollusks	1.000E+02	1.000E+02	BIOFAC(3,2)
D-5				
D-5	Eu-154 , fish	5.000E+01	5.000E+01	BIOFAC(4,1)
D-5	Eu-154 , crustacea and mollusks	1.000E+03	1.000E+03	BIOFAC(4,2)
D-5				

Dose Conversion Factor (and Related) Parameter Summary (continued)
Dose Library: FGR 11

Menu	Parameter	Current Value#	Base Case*	Parameter Name
D-5	H-3 , fish	1.000E+00	1.000E+00	BIOFAC(5,1)
D-5	H-3 , crustacea and mollusks	1.000E+00	1.000E+00	BIOFAC(5,2)
D-5				
D-5	Ni-63 , fish	1.000E+02	1.000E+02	BIOFAC(6,1)
D-5	Ni-63 , crustacea and mollusks	1.000E+02	1.000E+02	BIOFAC(6,2)
D-5				
D-5	Pa-231 , fish	1.000E+01	1.000E+01	BIOFAC(7,1)
D-5	Pa-231 , crustacea and mollusks	1.100E+02	1.100E+02	BIOFAC(7,2)
D-5				
D-5	Pb-210+D , fish	3.000E+02	3.000E+02	BIOFAC(8,1)
D-5	Pb-210+D , crustacea and mollusks	1.000E+02	1.000E+02	BIOFAC(8,2)
D-5				
D-5	Ra-226+D , fish	5.000E+01	5.000E+01	BIOFAC(9,1)
D-5	Ra-226+D , crustacea and mollusks	2.500E+02	2.500E+02	BIOFAC(9,2)
D-5				
D-5	Sr-90+D , fish	6.000E+01	6.000E+01	BIOFAC(10,1)
D-5	Sr-90+D , crustacea and mollusks	1.000E+02	1.000E+02	BIOFAC(10,2)
D-5				
D-5	Th-230 , fish	1.000E+02	1.000E+02	BIOFAC(11,1)
D-5	Th-230 , crustacea and mollusks	5.000E+02	5.000E+02	BIOFAC(11,2)
D-5				
D-5	U-234 , fish	1.000E+01	1.000E+01	BIOFAC(12,1)
D-5	U-234 , crustacea and mollusks	6.000E+01	6.000E+01	BIOFAC(12,2)
D-5				
D-5	U-235+D , fish	1.000E+01	1.000E+01	BIOFAC(13,1)
D-5	U-235+D , crustacea and mollusks	6.000E+01	6.000E+01	BIOFAC(13,2)
D-5				
D-5	U-238 , fish	1.000E+01	1.000E+01	BIOFAC(14,1)
D-5	U-238 , crustacea and mollusks	6.000E+01	6.000E+01	BIOFAC(14,2)
D-5				
D-5	U-238+D , fish	1.000E+01	1.000E+01	BIOFAC(15,1)
D-5	U-238+D , crustacea and mollusks	6.000E+01	6.000E+01	BIOFAC(15,2)

#For DCF1(xxx) only, factors are for infinite depth & area. See ETFG table in Ground Pathway of Detailed Report.
*Base Case means Default.Lib w/o Associate Nuclide contributions.

Summary : HFBR SU 7A_Bias 1_Industrial_Avg Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\SU 7A_BIAS 1_INDUSTRIAL_BKGD SUBTRACT.RAD

Site-Specific Parameter Summary

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R011	Area of contaminated zone (m**2)	1.460E+02	1.000E+04	---	AREA
R011	Thickness of contaminated zone (m)	5.000E+00	2.000E+00	---	THICK0
R011	Fraction of contamination that is submerged	0.000E+00	0.000E+00	---	SUBMFRACT
R011	Length parallel to aquifer flow (m)	1.200E+01	1.000E+02	---	LCZPAQ
R011	Basic radiation dose limit (mrem/yr)	2.500E+01	3.000E+01	---	BRDL
R011	Time since placement of material (yr)	0.000E+00	0.000E+00	---	TI
R011	Times for calculations (yr)	1.000E+00	1.000E+00	---	T(2)
R011	Times for calculations (yr)	5.000E+00	3.000E+00	---	T(3)
R011	Times for calculations (yr)	1.000E+01	1.000E+01	---	T(4)
R011	Times for calculations (yr)	5.000E+01	3.000E+01	---	T(5)
R011	Times for calculations (yr)	1.000E+02	1.000E+02	---	T(6)
R011	Times for calculations (yr)	5.000E+02	3.000E+02	---	T(7)
R011	Times for calculations (yr)	1.000E+03	1.000E+03	---	T(8)
R011	Times for calculations (yr)	not used	0.000E+00	---	T(9)
R011	Times for calculations (yr)	not used	0.000E+00	---	T(10)
R012	Initial principal radionuclide (pCi/g): Ac-227	8.000E-04	0.000E+00	---	S1(1)
R012	Initial principal radionuclide (pCi/g): C-14	1.160E+00	0.000E+00	---	S1(2)
R012	Initial principal radionuclide (pCi/g): Cs-137	4.050E+00	0.000E+00	---	S1(3)
R012	Initial principal radionuclide (pCi/g): Eu-154	8.010E-02	0.000E+00	---	S1(4)
R012	Initial principal radionuclide (pCi/g): H-3	4.120E+01	0.000E+00	---	S1(5)
R012	Initial principal radionuclide (pCi/g): Ni-63	1.010E+00	0.000E+00	---	S1(6)
R012	Initial principal radionuclide (pCi/g): Pa-231	8.000E-04	0.000E+00	---	S1(7)
R012	Initial principal radionuclide (pCi/g): Pb-210	2.720E-01	0.000E+00	---	S1(8)
R012	Initial principal radionuclide (pCi/g): Ra-226	2.720E-01	0.000E+00	---	S1(9)
R012	Initial principal radionuclide (pCi/g): Sr-90	7.520E+00	0.000E+00	---	S1(10)
R012	Initial principal radionuclide (pCi/g): Th-230	5.900E-02	0.000E+00	---	S1(11)
R012	Initial principal radionuclide (pCi/g): U-234	5.900E-02	0.000E+00	---	S1(12)
R012	Initial principal radionuclide (pCi/g): U-235	8.000E-04	0.000E+00	---	S1(13)
R012	Initial principal radionuclide (pCi/g): U-238	5.900E-02	0.000E+00	---	S1(14)
R012	Concentration in groundwater (pCi/L): Ac-227	not used	0.000E+00	---	W1(1)
R012	Concentration in groundwater (pCi/L): C-14	not used	0.000E+00	---	W1(2)
R012	Concentration in groundwater (pCi/L): Cs-137	not used	0.000E+00	---	W1(3)
R012	Concentration in groundwater (pCi/L): Eu-154	not used	0.000E+00	---	W1(4)
R012	Concentration in groundwater (pCi/L): H-3	not used	0.000E+00	---	W1(5)
R012	Concentration in groundwater (pCi/L): Ni-63	not used	0.000E+00	---	W1(6)
R012	Concentration in groundwater (pCi/L): Pa-231	not used	0.000E+00	---	W1(7)
R012	Concentration in groundwater (pCi/L): Pb-210	not used	0.000E+00	---	W1(8)
R012	Concentration in groundwater (pCi/L): Ra-226	not used	0.000E+00	---	W1(9)
R012	Concentration in groundwater (pCi/L): Sr-90	not used	0.000E+00	---	W1(10)
R012	Concentration in groundwater (pCi/L): Th-230	not used	0.000E+00	---	W1(11)
R012	Concentration in groundwater (pCi/L): U-234	not used	0.000E+00	---	W1(12)
R012	Concentration in groundwater (pCi/L): U-235	not used	0.000E+00	---	W1(13)
R012	Concentration in groundwater (pCi/L): U-238	not used	0.000E+00	---	W1(14)
R013	Cover depth (m)	0.000E+00	0.000E+00	---	COVER0
R013	Density of cover material (g/cm**3)	not used	1.500E+00	---	DENSCV
R013	Cover depth erosion rate (m/yr)	not used	1.000E-03	---	VCV
R013	Density of contaminated zone (g/cm**3)	1.660E+00	1.500E+00	---	DENSCZ
R013	Contaminated zone erosion rate (m/yr)	1.000E-03	1.000E-03	---	VCZ

Site-Specific Parameter Summary (continued)

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R013	Contaminated zone total porosity	3.300E-01	4.000E-01	---	TPCZ
R013	Contaminated zone field capacity	2.400E-01	2.000E-01	---	FCCZ
R013	Contaminated zone hydraulic conductivity (m/yr)	5.000E+03	1.000E+01	---	HCCZ
R013	Contaminated zone b parameter	4.900E+00	5.300E+00	---	BCZ
R013	Average annual wind speed (m/sec)	6.230E+00	2.000E+00	---	WIND
R013	Humidity in air (g/m**3)	8.000E+00	8.000E+00	---	HUMID
R013	Evapotranspiration coefficient	4.600E-01	5.000E-01	---	EVAPTR
R013	Precipitation (m/yr)	1.230E+00	1.000E+00	---	PRECIP
R013	Irrigation (m/yr)	2.600E-01	2.000E-01	---	RI
R013	Irrigation mode	overhead	overhead	---	IDITCH
R013	Runoff coefficient	2.000E-01	2.000E-01	---	RUNOFF
R013	Watershed area for nearby stream or pond (m**2)	1.000E+06	1.000E+06	---	WAREA
R013	Accuracy for water/soil computations	1.000E-03	1.000E-03	---	EPS
R014	Density of saturated zone (g/cm**3)	1.660E+00	1.500E+00	---	DENSAQ
R014	Saturated zone total porosity	3.300E-01	4.000E-01	---	TPSZ
R014	Saturated zone effective porosity	2.400E-01	2.000E-01	---	EPSZ
R014	Saturated zone field capacity	2.000E-01	2.000E-01	---	FCSZ
R014	Saturated zone hydraulic conductivity (m/yr)	2.000E+04	1.000E+02	---	HCSZ
R014	Saturated zone hydraulic gradient	4.800E-03	2.000E-02	---	HGWT
R014	Saturated zone b parameter	4.900E+00	5.300E+00	---	BSZ
R014	Water table drop rate (m/yr)	1.000E-03	1.000E-03	---	VWT
R014	Well pump intake depth (m below water table)	1.800E+01	1.000E+01	---	DWIBWT
R014	Model: Nondispersion (ND) or Mass-Balance (MB)	ND	ND	---	MODEL
R014	Well pumping rate (m**3/yr)	2.500E+02	2.500E+02	---	UW
R015	Number of unsaturated zone strata	1	1	---	NS
R015	Unsat. zone 1, thickness (m)	0.000E+00	4.000E+00	---	H(1)
R015	Unsat. zone 1, soil density (g/cm**3)	1.660E+00	1.500E+00	---	DENSUZ(1)
R015	Unsat. zone 1, total porosity	3.300E-01	4.000E-01	---	TPUZ(1)
R015	Unsat. zone 1, effective porosity	2.400E-01	2.000E-01	---	EPUZ(1)
R015	Unsat. zone 1, field capacity	2.000E-01	2.000E-01	---	FCUZ(1)
R015	Unsat. zone 1, soil-specific b parameter	4.900E+00	5.300E+00	---	BUZ(1)
R015	Unsat. zone 1, hydraulic conductivity (m/yr)	5.000E+03	1.000E+01	---	HCUZ(1)
R016	Distribution coefficients for Ac-227				
R016	Contaminated zone (cm**3/g)	2.000E+01	2.000E+01	---	DCNUCC(1)
R016	Unsaturated zone 1 (cm**3/g)	2.000E+01	2.000E+01	---	DCNUCU(1,1)
R016	Saturated zone (cm**3/g)	2.000E+01	2.000E+01	---	DCNUCS(1)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	4.018E-03	ALEACH(1)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(1)
R016	Distribution coefficients for C-14				
R016	Contaminated zone (cm**3/g)	0.000E+00	0.000E+00	---	DCNUCC(2)
R016	Unsaturated zone 1 (cm**3/g)	0.000E+00	0.000E+00	---	DCNUCU(2,1)
R016	Saturated zone (cm**3/g)	0.000E+00	0.000E+00	---	DCNUCS(2)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	5.598E-01	ALEACH(2)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(2)

Site-Specific Parameter Summary (continued)

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R016	Distribution coefficients for Cs-137				
R016	Contaminated zone (cm**3/g)	5.300E+02	4.600E+03	---	DCNUCC(3)
R016	Unsaturated zone 1 (cm**3/g)	5.300E+02	4.600E+03	---	DCNUCU(3,1)
R016	Saturated zone (cm**3/g)	5.300E+02	4.600E+03	---	DCNUCS(3)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	1.527E-04	ALEACH(3)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(3)
R016	Distribution coefficients for Eu-154				
R016	Contaminated zone (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCC(4)
R016	Unsaturated zone 1 (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCU(4,1)
R016	Saturated zone (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCS(4)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	9.810E-05	ALEACH(4)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(4)
R016	Distribution coefficients for H-3				
R016	Contaminated zone (cm**3/g)	0.000E+00	0.000E+00	---	DCNUCC(5)
R016	Unsaturated zone 1 (cm**3/g)	0.000E+00	0.000E+00	---	DCNUCU(5,1)
R016	Saturated zone (cm**3/g)	0.000E+00	0.000E+00	---	DCNUCS(5)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	5.598E-01	ALEACH(5)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(5)
R016	Distribution coefficients for Ni-63				
R016	Contaminated zone (cm**3/g)	1.000E+03	1.000E+03	---	DCNUCC(6)
R016	Unsaturated zone 1 (cm**3/g)	1.000E+03	1.000E+03	---	DCNUCU(6,1)
R016	Saturated zone (cm**3/g)	1.000E+03	1.000E+03	---	DCNUCS(6)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	8.092E-05	ALEACH(6)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(6)
R016	Distribution coefficients for Pa-231				
R016	Contaminated zone (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCC(7)
R016	Unsaturated zone 1 (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCU(7,1)
R016	Saturated zone (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCS(7)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	1.614E-03	ALEACH(7)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(7)
R016	Distribution coefficients for Pb-210				
R016	Contaminated zone (cm**3/g)	1.000E+02	1.000E+02	---	DCNUCC(8)
R016	Unsaturated zone 1 (cm**3/g)	1.000E+02	1.000E+02	---	DCNUCU(8,1)
R016	Saturated zone (cm**3/g)	1.000E+02	1.000E+02	---	DCNUCS(8)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	8.082E-04	ALEACH(8)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(8)
R016	Distribution coefficients for Ra-226				
R016	Contaminated zone (cm**3/g)	7.000E+01	7.000E+01	---	DCNUCC(9)
R016	Unsaturated zone 1 (cm**3/g)	7.000E+01	7.000E+01	---	DCNUCU(9,1)
R016	Saturated zone (cm**3/g)	7.000E+01	7.000E+01	---	DCNUCS(9)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	1.154E-03	ALEACH(9)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(9)

Site-Specific Parameter Summary (continued)

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R016	Distribution coefficients for Sr-90				
R016	Contaminated zone (cm**3/g)	2.200E+01	3.000E+01	---	DCNUCC(10)
R016	Unsaturated zone 1 (cm**3/g)	2.200E+01	3.000E+01	---	DCNUCU(10,1)
R016	Saturated zone (cm**3/g)	2.200E+01	3.000E+01	---	DCNUCS(10)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	3.655E-03	ALEACH(10)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(10)
R016	Distribution coefficients for Th-230				
R016	Contaminated zone (cm**3/g)	6.000E+04	6.000E+04	---	DCNUCC(11)
R016	Unsaturated zone 1 (cm**3/g)	6.000E+04	6.000E+04	---	DCNUCU(11,1)
R016	Saturated zone (cm**3/g)	6.000E+04	6.000E+04	---	DCNUCS(11)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	1.349E-06	ALEACH(11)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(11)
R016	Distribution coefficients for U-234				
R016	Contaminated zone (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCC(12)
R016	Unsaturated zone 1 (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCU(12,1)
R016	Saturated zone (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCS(12)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	1.614E-03	ALEACH(12)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(12)
R016	Distribution coefficients for U-235				
R016	Contaminated zone (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCC(13)
R016	Unsaturated zone 1 (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCU(13,1)
R016	Saturated zone (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCS(13)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	1.614E-03	ALEACH(13)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(13)
R016	Distribution coefficients for U-238				
R016	Contaminated zone (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCC(14)
R016	Unsaturated zone 1 (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCU(14,1)
R016	Saturated zone (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCS(14)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	1.614E-03	ALEACH(14)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(14)
R017	Inhalation rate (m**3/yr)	7.300E+03	8.400E+03	---	INHALR
R017	Mass loading for inhalation (g/m**3)	1.000E-04	1.000E-04	---	MLINH
R017	Exposure duration	3.000E+01	3.000E+01	---	ED
R017	Shielding factor, inhalation	4.000E-01	4.000E-01	---	SHF3
R017	Shielding factor, external gamma	8.000E-01	7.000E-01	---	SHF1
R017	Fraction of time spent indoors	5.000E-01	5.000E-01	---	FIND
R017	Fraction of time spent outdoors (on site)	2.500E-01	2.500E-01	---	FOTD
R017	Shape factor flag, external gamma	1.000E+00	1.000E+00	>0 shows circular AREA.	FS

Summary : HFBR SU 7A_Bias 1_Industrial_Avg Bkgd Subtract
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Site-Specific Parameter Summary (continued)

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R017	Radii of shape factor array (used if FS = -1):				
R017	Outer annular radius (m), ring 1:	not used	5.000E+01	---	RAD_SHAPE(1)
R017	Outer annular radius (m), ring 2:	not used	7.071E+01	---	RAD_SHAPE(2)
R017	Outer annular radius (m), ring 3:	not used	0.000E+00	---	RAD_SHAPE(3)
R017	Outer annular radius (m), ring 4:	not used	0.000E+00	---	RAD_SHAPE(4)
R017	Outer annular radius (m), ring 5:	not used	0.000E+00	---	RAD_SHAPE(5)
R017	Outer annular radius (m), ring 6:	not used	0.000E+00	---	RAD_SHAPE(6)
R017	Outer annular radius (m), ring 7:	not used	0.000E+00	---	RAD_SHAPE(7)
R017	Outer annular radius (m), ring 8:	not used	0.000E+00	---	RAD_SHAPE(8)
R017	Outer annular radius (m), ring 9:	not used	0.000E+00	---	RAD_SHAPE(9)
R017	Outer annular radius (m), ring 10:	not used	0.000E+00	---	RAD_SHAPE(10)
R017	Outer annular radius (m), ring 11:	not used	0.000E+00	---	RAD_SHAPE(11)
R017	Outer annular radius (m), ring 12:	not used	0.000E+00	---	RAD_SHAPE(12)
R017	Fractions of annular areas within AREA:				
R017	Ring 1	not used	1.000E+00	---	FRACA(1)
R017	Ring 2	not used	2.732E-01	---	FRACA(2)
R017	Ring 3	not used	0.000E+00	---	FRACA(3)
R017	Ring 4	not used	0.000E+00	---	FRACA(4)
R017	Ring 5	not used	0.000E+00	---	FRACA(5)
R017	Ring 6	not used	0.000E+00	---	FRACA(6)
R017	Ring 7	not used	0.000E+00	---	FRACA(7)
R017	Ring 8	not used	0.000E+00	---	FRACA(8)
R017	Ring 9	not used	0.000E+00	---	FRACA(9)
R017	Ring 10	not used	0.000E+00	---	FRACA(10)
R017	Ring 11	not used	0.000E+00	---	FRACA(11)
R017	Ring 12	not used	0.000E+00	---	FRACA(12)
R018	Fruits, vegetables and grain consumption (kg/yr)	not used	1.600E+02	---	DIET(1)
R018	Leafy vegetable consumption (kg/yr)	not used	1.400E+01	---	DIET(2)
R018	Milk consumption (L/yr)	not used	9.200E+01	---	DIET(3)
R018	Meat and poultry consumption (kg/yr)	not used	6.300E+01	---	DIET(4)
R018	Fish consumption (kg/yr)	not used	5.400E+00	---	DIET(5)
R018	Other seafood consumption (kg/yr)	not used	9.000E-01	---	DIET(6)
R018	Soil ingestion rate (g/yr)	4.380E+01	3.650E+01	---	SOIL
R018	Drinking water intake (L/yr)	7.000E+02	5.100E+02	---	DWI
R018	Contamination fraction of drinking water	1.000E+00	1.000E+00	---	FDW
R018	Contamination fraction of household water	not used	1.000E+00	---	FHHW
R018	Contamination fraction of livestock water	not used	1.000E+00	---	FLW
R018	Contamination fraction of irrigation water	not used	1.000E+00	---	FIRW
R018	Contamination fraction of aquatic food	not used	5.000E-01	---	FR9
R018	Contamination fraction of plant food	not used	-1	---	FPLANT
R018	Contamination fraction of meat	not used	-1	---	FMEAT
R018	Contamination fraction of milk	not used	-1	---	FMILK
R019	Livestock fodder intake for meat (kg/day)	not used	6.800E+01	---	LFI5
R019	Livestock fodder intake for milk (kg/day)	not used	5.500E+01	---	LFI6
R019	Livestock water intake for meat (L/day)	not used	5.000E+01	---	LWI5
R019	Livestock water intake for milk (L/day)	not used	1.600E+02	---	LWI6
R019	Livestock soil intake (kg/day)	not used	5.000E-01	---	LSI

Site-Specific Parameter Summary (continued)

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R019	Mass loading for foliar deposition (g/m**3)	not used	1.000E-04	---	MLFD
R019	Depth of soil mixing layer (m)	1.500E-01	1.500E-01	---	DM
R019	Depth of roots (m)	not used	9.000E-01	---	DROOT
R019	Drinking water fraction from ground water	1.000E+00	1.000E+00	---	FGWDW
R019	Household water fraction from ground water	not used	1.000E+00	---	FGWHH
R019	Livestock water fraction from ground water	not used	1.000E+00	---	FGWLW
R019	Irrigation fraction from ground water	not used	1.000E+00	---	FGWIR
R19B	Wet weight crop yield for Non-Leafy (kg/m**2)	not used	7.000E-01	---	YV(1)
R19B	Wet weight crop yield for Leafy (kg/m**2)	not used	1.500E+00	---	YV(2)
R19B	Wet weight crop yield for Fodder (kg/m**2)	not used	1.100E+00	---	YV(3)
R19B	Growing Season for Non-Leafy (years)	not used	1.700E-01	---	TE(1)
R19B	Growing Season for Leafy (years)	not used	2.500E-01	---	TE(2)
R19B	Growing Season for Fodder (years)	not used	8.000E-02	---	TE(3)
R19B	Translocation Factor for Non-Leafy	not used	1.000E-01	---	TIV(1)
R19B	Translocation Factor for Leafy	not used	1.000E+00	---	TIV(2)
R19B	Translocation Factor for Fodder	not used	1.000E+00	---	TIV(3)
R19B	Dry Foliar Interception Fraction for Non-Leafy	not used	2.500E-01	---	RDRY(1)
R19B	Dry Foliar Interception Fraction for Leafy	not used	2.500E-01	---	RDRY(2)
R19B	Dry Foliar Interception Fraction for Fodder	not used	2.500E-01	---	RDRY(3)
R19B	Wet Foliar Interception Fraction for Non-Leafy	not used	2.500E-01	---	RWET(1)
R19B	Wet Foliar Interception Fraction for Leafy	not used	2.500E-01	---	RWET(2)
R19B	Wet Foliar Interception Fraction for Fodder	not used	2.500E-01	---	RWET(3)
R19B	Weathering Removal Constant for Vegetation	not used	2.000E+01	---	WLAM
C14	C-12 concentration in water (g/cm**3)	2.000E-05	2.000E-05	---	C12WTR
C14	C-12 concentration in contaminated soil (g/g)	3.000E-02	3.000E-02	---	C12CZ
C14	Fraction of vegetation carbon from soil	2.000E-02	2.000E-02	---	CSOIL
C14	Fraction of vegetation carbon from air	9.800E-01	9.800E-01	---	CAIR
C14	C-14 evasion layer thickness in soil (m)	3.000E-01	3.000E-01	---	DMC
C14	C-14 evasion flux rate from soil (1/sec)	7.000E-07	7.000E-07	---	EVSN
C14	C-12 evasion flux rate from soil (1/sec)	1.000E-10	1.000E-10	---	REVSN
C14	Fraction of grain in beef cattle feed	8.000E-01	8.000E-01	---	AVFG4
C14	Fraction of grain in milk cow feed	2.000E-01	2.000E-01	---	AVFG5
STOR	Storage times of contaminated foodstuffs (days):				
STOR	Fruits, non-leafy vegetables, and grain	1.400E+01	1.400E+01	---	STOR_T(1)
STOR	Leafy vegetables	1.000E+00	1.000E+00	---	STOR_T(2)
STOR	Milk	1.000E+00	1.000E+00	---	STOR_T(3)
STOR	Meat and poultry	2.000E+01	2.000E+01	---	STOR_T(4)
STOR	Fish	7.000E+00	7.000E+00	---	STOR_T(5)
STOR	Crustacea and mollusks	7.000E+00	7.000E+00	---	STOR_T(6)
STOR	Well water	1.000E+00	1.000E+00	---	STOR_T(7)
STOR	Surface water	1.000E+00	1.000E+00	---	STOR_T(8)
STOR	Livestock fodder	4.500E+01	4.500E+01	---	STOR_T(9)
R021	Thickness of building foundation (m)	not used	1.500E-01	---	FLOOR1
R021	Bulk density of building foundation (g/cm**3)	not used	2.400E+00	---	DENSFL
R021	Total porosity of the cover material	not used	4.000E-01	---	TPCV
R021	Total porosity of the building foundation	not used	1.000E-01	---	TPFL

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Site-Specific Parameter Summary (continued)

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R021	Volumetric water content of the cover material	not used	5.000E-02	---	PH2OCV
R021	Volumetric water content of the foundation	not used	3.000E-02	---	PH2OFL
R021	Diffusion coefficient for radon gas (m/sec):				
R021	in cover material	not used	2.000E-06	---	DIFCV
R021	in foundation material	not used	3.000E-07	---	DIFFL
R021	in contaminated zone soil	not used	2.000E-06	---	DIFCZ
R021	Radon vertical dimension of mixing (m)	not used	2.000E+00	---	HMIX
R021	Average building air exchange rate (1/hr)	not used	5.000E-01	---	REXG
R021	Height of the building (room) (m)	not used	2.500E+00	---	HRM
R021	Building interior area factor	not used	0.000E+00	---	FAI
R021	Building depth below ground surface (m)	not used	-1.000E+00	---	DMFL
R021	Emanating power of Rn-222 gas	not used	2.500E-01	---	EMANA(1)
R021	Emanating power of Rn-220 gas	not used	1.500E-01	---	EMANA(2)
TITL	Number of graphical time points	32	---	---	NPTS
TITL	Maximum number of integration points for dose	17	---	---	LYMAX
TITL	Maximum number of integration points for risk	257	---	---	KYMAX

Summary of Pathway Selections

Pathway	User Selection
1 -- external gamma	active
2 -- inhalation (w/o radon)	active
3 -- plant ingestion	suppressed
4 -- meat ingestion	suppressed
5 -- milk ingestion	suppressed
6 -- aquatic foods	suppressed
7 -- drinking water	active
8 -- soil ingestion	active
9 -- radon	suppressed
Find peak pathway doses	suppressed

Summary : HFBR SU 7A_Bias 1_Industrial_Avg Bkgd Subtract
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Contaminated Zone Dimensions	
Area:	146.00 square meters
Thickness:	5.00 meters
Cover Depth:	0.00 meters

Initial Soil Concentrations, pCi/g	
Ac-227	8.000E-04
C-14	1.160E+00
Cs-137	4.050E+00
Eu-154	8.010E-02
H-3	4.120E+01
Ni-63	1.010E+00
Pa-231	8.000E-04
Pb-210	2.720E-01
Ra-226	2.720E-01
Sr-90	7.520E+00
Th-230	5.900E-02
U-234	5.900E-02
U-235	8.000E-04
U-238	5.900E-02

Total Dose TDOSE(t), mrem/yr
Basic Radiation Dose Limit = 2.500E+01 mrem/yr
Total Mixture Sum M(t) = Fraction of Basic Dose Limit Received at Time (t)

t (years):	0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
TDOSE(t):	9.324E+00	9.138E+00	8.498E+00	7.711E+00	3.916E+00	2.199E+00	8.304E-01	4.293E-01
M(t):	3.729E-01	3.655E-01	3.399E-01	3.084E-01	1.566E-01	8.796E-02	3.321E-02	1.717E-02

Maximum TDOSE(t): 9.324E+00 mrem/yr at t = 0.000E+00 years

Summary : HFBR SU 7A_Bias 1_Industrial_Avg Bkgd Subtract
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Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 0.000E+00 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	8.562E-04	0.0001	7.024E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.577E-05	0.0000
C-14	3.885E-06	0.0000	1.136E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.228E-06	0.0000
Cs-137	7.193E+00	0.7715	1.698E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.600E-04	0.0001
Eu-154	3.128E-01	0.0335	2.928E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.528E-06	0.0000
H-3	0.000E+00	0.0000	8.011E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.690E-06	0.0000
Ni-63	0.000E+00	0.0000	8.415E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.785E-06	0.0000
Pa-231	9.591E-05	0.0000	1.473E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.153E-05	0.0000
Pb-210	8.915E-04	0.0001	8.255E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.343E-03	0.0010
Ra-226	1.609E+00	0.1725	3.234E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.868E-03	0.0002
Sr-90	9.645E-02	0.0103	1.290E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.436E-03	0.0006
Th-230	1.151E-04	0.0000	2.557E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.552E-04	0.0000
U-234	1.333E-05	0.0000	1.034E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.002E-05	0.0000
U-235	3.340E-04	0.0000	1.307E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.025E-06	0.0000
U-238	4.767E-03	0.0005	9.250E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.597E-05	0.0000
Total	9.218E+00	0.9887	1.596E-03	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.804E-02	0.0019

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 0.000E+00 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	2.952E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.277E-03	0.0001
C-14	2.418E-02	0.0026	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.420E-02	0.0026
Cs-137	3.418E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.194E+00	0.7716
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.128E-01	0.0335
H-3	3.506E-02	0.0038	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.587E-02	0.0038
Ni-63	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.869E-06	0.0000
Pa-231	3.732E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.895E-04	0.0000
Pb-210	1.704E-03	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.202E-02	0.0013
Ra-226	7.310E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.611E+00	0.1728
Sr-90	2.376E-02	0.0025	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.258E-01	0.0135
Th-230	1.971E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.260E-04	0.0001
U-234	6.493E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.617E-04	0.0000
U-235	8.323E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.371E-04	0.0000
U-238	6.165E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.997E-03	0.0005
Total	8.589E-02	0.0092	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.324E+00	1.0000

*Sum of all water independent and dependent pathways.

Summary : HFBR SU 7A_Bias 1_Industrial_Avg Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\SU 7A_BIAS 1_INDUSTRIAL_BKGD SUBTRACT.RAD

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+00 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	8.260E-04	0.0001	6.777E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.381E-05	0.0000
C-14	5.884E-07	0.0000	1.720E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.917E-07	0.0000
Cs-137	7.028E+00	0.7690	1.659E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.379E-04	0.0001
Eu-154	2.891E-01	0.0316	2.706E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.260E-06	0.0000
H-3	0.000E+00	0.0000	2.683E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.576E-06	0.0000
Ni-63	0.000E+00	0.0000	8.353E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.765E-06	0.0000
Pa-231	1.225E-04	0.0000	1.690E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.320E-05	0.0000
Pb-210	8.635E-04	0.0001	7.996E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.049E-03	0.0010
Ra-226	1.606E+00	0.1758	3.481E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.150E-03	0.0002
Sr-90	9.384E-02	0.0103	1.255E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.289E-03	0.0006
Th-230	2.662E-04	0.0000	2.557E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.553E-04	0.0000
U-234	1.331E-05	0.0000	1.033E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.989E-05	0.0000
U-235	3.334E-04	0.0000	1.305E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.025E-06	0.0000
U-238	4.759E-03	0.0005	9.235E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.585E-05	0.0000
Total	9.024E+00	0.9875	1.050E-03	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.784E-02	0.0020

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+00 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	8.619E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.809E-03	0.0002
C-14	4.127E-03	0.0005	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.130E-03	0.0005
Cs-137	1.019E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.029E+00	0.7691
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.891E-01	0.0316
H-3	1.282E-02	0.0014	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.309E-02	0.0014
Ni-63	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.848E-06	0.0000
Pa-231	1.292E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.118E-04	0.0000
Pb-210	4.988E-03	0.0005	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.498E-02	0.0016
Ra-226	2.375E-03	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.611E+00	0.1763
Sr-90	6.987E-02	0.0076	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.691E-01	0.0185
Th-230	1.462E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.774E-04	0.0001
U-234	1.953E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.917E-04	0.0000
U-235	2.505E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.383E-04	0.0000
U-238	1.854E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.113E-03	0.0006
Total	9.556E-02	0.0105	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.138E+00	1.0000

*Sum of all water independent and dependent pathways.

Summary : HFBR SU 7A_Bias 1_Industrial_Avg Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\SU 7A_BIAS 1_INDUSTRIAL_BKGD SUBTRACT.RAD

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+00 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	7.157E-04	0.0001	5.871E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.662E-05	0.0000
C-14	3.078E-10	0.0000	8.998E-10	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.142E-10	0.0000
Cs-137	6.403E+00	0.7535	1.511E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.546E-04	0.0001
Eu-154	2.109E-01	0.0248	1.974E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.378E-06	0.0000
H-3	0.000E+00	0.0000	3.371E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.236E-08	0.0000
Ni-63	0.000E+00	0.0000	8.113E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.685E-06	0.0000
Pa-231	2.194E-04	0.0000	2.480E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.928E-05	0.0000
Pb-210	7.601E-04	0.0001	7.038E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.966E-03	0.0009
Ra-226	1.596E+00	0.1878	4.390E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.190E-03	0.0004
Sr-90	8.408E-02	0.0099	1.125E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.739E-03	0.0006
Th-230	8.680E-04	0.0001	2.557E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.563E-04	0.0000
U-234	1.324E-05	0.0000	1.026E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.938E-05	0.0000
U-235	3.313E-04	0.0000	1.299E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.022E-06	0.0000
U-238	4.728E-03	0.0006	9.176E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.537E-05	0.0000
Total	8.302E+00	0.9769	7.668E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.716E-02	0.0020

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+00 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	1.585E-03	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.406E-03	0.0003
C-14	2.162E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.163E-06	0.0000
Cs-137	3.531E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.404E+00	0.7536
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.109E-01	0.0248
H-3	1.611E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.645E-04	0.0000
Ni-63	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.766E-06	0.0000
Pa-231	6.503E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.437E-04	0.0001
Pb-210	1.617E-02	0.0019	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.497E-02	0.0029
Ra-226	1.138E-02	0.0013	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.611E+00	0.1895
Sr-90	1.466E-01	0.0173	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.355E-01	0.0277
Th-230	2.334E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.282E-03	0.0002
U-234	7.147E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.099E-04	0.0001
U-235	9.214E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.428E-04	0.0000
U-238	6.786E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.574E-03	0.0007
Total	1.780E-01	0.0209	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.498E+00	1.0000

*Sum of all water independent and dependent pathways.

Summary : HFBR SU 7A_Bias 1_Industrial_Avg Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\SU 7A_BIAS 1_INDUSTRIAL_BKGD SUBTRACT.RAD

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+01 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	5.982E-04	0.0001	4.908E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.897E-05	0.0000
C-14	2.407E-14	0.0000	7.034E-14	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.238E-14	0.0000
Cs-137	5.700E+00	0.7393	1.345E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.608E-04	0.0001
Eu-154	1.422E-01	0.0184	1.331E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.603E-06	0.0000
H-3	0.000E+00	0.0000	1.411E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.355E-10	0.0000
Ni-63	0.000E+00	0.0000	7.822E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.589E-06	0.0000
Pa-231	3.214E-04	0.0000	3.312E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.565E-05	0.0000
Pb-210	6.480E-04	0.0001	6.001E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.792E-03	0.0009
Ra-226	1.584E+00	0.2054	5.362E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.304E-03	0.0006
Sr-90	7.329E-02	0.0095	9.804E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.131E-03	0.0005
Th-230	1.615E-03	0.0002	2.557E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.581E-04	0.0000
U-234	1.319E-05	0.0000	1.018E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.875E-05	0.0000
U-235	3.287E-04	0.0000	1.291E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.019E-06	0.0000
U-238	4.690E-03	0.0006	9.102E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.476E-05	0.0000
Total	7.508E+00	0.9737	7.453E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.640E-02	0.0021

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+01 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	1.325E-03	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.011E-03	0.0003
C-14	1.693E-10	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.694E-10	0.0000
Cs-137	6.037E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.701E+00	0.7394
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.422E-01	0.0184
H-3	6.747E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.890E-07	0.0000
Ni-63	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.667E-06	0.0000
Pa-231	1.079E-03	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.489E-03	0.0002
Pb-210	2.639E-02	0.0034	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.389E-02	0.0044
Ra-226	2.731E-02	0.0035	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.615E+00	0.2095
Sr-90	1.278E-01	0.0166	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.053E-01	0.0266
Th-230	1.027E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.039E-03	0.0003
U-234	1.076E-03	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.270E-03	0.0002
U-235	1.397E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.449E-04	0.0000
U-238	1.022E-03	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.878E-03	0.0008
Total	1.860E-01	0.0241	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.711E+00	1.0000

*Sum of all water independent and dependent pathways.

Summary : HFBR SU 7A_Bias 1_Industrial_Avg Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\SU 7A_BIAS 1_INDUSTRIAL_BKGD SUBTRACT.RAD

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+01 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	1.426E-04	0.0000	1.170E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.287E-06	0.0000
C-14	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Cs-137	2.248E+00	0.5742	5.307E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.001E-04	0.0001
Eu-154	6.064E-03	0.0015	5.677E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.839E-08	0.0000
H-3	0.000E+00	0.0000	1.121E-27	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Ni-63	0.000E+00	0.0000	5.841E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.933E-06	0.0000
Pa-231	6.898E-04	0.0002	6.291E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.744E-05	0.0000
Pb-210	1.810E-04	0.0000	1.676E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.897E-03	0.0005
Ra-226	1.487E+00	0.3797	9.090E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.632E-03	0.0022
Sr-90	2.444E-02	0.0062	3.269E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.377E-03	0.0004
Th-230	7.382E-03	0.0019	2.559E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.843E-04	0.0000
U-234	1.395E-05	0.0000	9.552E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.387E-05	0.0000
U-235	3.086E-04	0.0001	1.253E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.013E-06	0.0000
U-238	4.397E-03	0.0011	8.534E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.009E-05	0.0000
Total	3.779E+00	0.9651	6.536E-04	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.262E-02	0.0032

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+01 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	3.151E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.787E-04	0.0001
C-14	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Cs-137	1.157E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.249E+00	0.5743
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.064E-03	0.0015
H-3	5.372E-26	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.484E-26	0.0000
Ni-63	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.992E-06	0.0000
Pa-231	1.868E-03	0.0005	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.698E-03	0.0007
Pb-210	1.298E-02	0.0033	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.507E-02	0.0039
Ra-226	6.364E-02	0.0163	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.559E+00	0.3982
Sr-90	4.252E-02	0.0109	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.837E-02	0.0175
Th-230	1.888E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.011E-03	0.0020
U-234	1.007E-03	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.190E-03	0.0003
U-235	1.437E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.252E-04	0.0001
U-238	9.565E-04	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.509E-03	0.0014
Total	1.235E-01	0.0315	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.916E+00	1.0000

*Sum of all water independent and dependent pathways.

Summary : HFBR SU 7A_Bias 1_Industrial_Avg Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\SU 7A_BIAS 1_INDUSTRIAL_BKGD SUBTRACT.RAD

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+02 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	2.374E-05	0.0000	1.948E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.546E-06	0.0000
C-14	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Cs-137	7.028E-01	0.3196	1.659E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.380E-05	0.0000
Eu-154	1.175E-04	0.0001	1.100E-10	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.326E-09	0.0000
H-3	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Ni-63	0.000E+00	0.0000	4.055E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.342E-06	0.0000
Pa-231	7.357E-04	0.0003	6.618E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.789E-05	0.0000
Pb-210	3.674E-05	0.0000	3.402E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.850E-04	0.0002
Ra-226	1.373E+00	0.6246	9.635E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.375E-03	0.0043
Sr-90	6.192E-03	0.0028	8.283E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.490E-04	0.0002
Th-230	1.409E-02	0.0064	2.562E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.274E-04	0.0001
U-234	1.755E-05	0.0000	8.822E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.823E-05	0.0000
U-235	2.854E-04	0.0001	1.223E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.014E-06	0.0000
U-238	4.056E-03	0.0018	7.874E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.467E-05	0.0000
Total	2.102E+00	0.9558	6.008E-04	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.064E-02	0.0048

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+02 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	5.235E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.958E-05	0.0000
C-14	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Cs-137	7.254E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.029E-01	0.3197
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.175E-04	0.0001
H-3	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Ni-63	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.382E-06	0.0000
Pa-231	1.938E-03	0.0009	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.818E-03	0.0013
Pb-210	2.632E-03	0.0012	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.058E-03	0.0014
Ra-226	6.829E-02	0.0311	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.451E+00	0.6599
Sr-90	1.075E-02	0.0049	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.730E-02	0.0079
Th-230	4.771E-04	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.505E-02	0.0068
U-234	9.273E-04	0.0004	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.101E-03	0.0005
U-235	1.520E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.028E-04	0.0001
U-238	8.808E-04	0.0004	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.080E-03	0.0023
Total	8.597E-02	0.0391	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.199E+00	1.0000

*Sum of all water independent and dependent pathways.

Summary : HFBR SU 7A_Bias 1_Industrial_Avg Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\SU 7A_BIAS 1_INDUSTRIAL_BKGD SUBTRACT.RAD

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+02 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	1.403E-11	0.0000	1.151E-12	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.142E-13	0.0000
C-14	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Cs-137	6.406E-05	0.0001	1.512E-11	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.550E-09	0.0000
Eu-154	2.344E-18	0.0000	2.195E-24	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.644E-23	0.0000
H-3	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Ni-63	0.000E+00	0.0000	2.186E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.234E-08	0.0000
Pa-231	3.940E-04	0.0005	3.535E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.124E-05	0.0000
Pb-210	1.059E-10	0.0000	9.810E-12	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.110E-09	0.0000
Ra-226	7.280E-01	0.8767	5.292E-05	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.178E-03	0.0062
Sr-90	1.052E-07	0.0000	1.407E-10	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.927E-09	0.0000
Th-230	5.217E-02	0.0628	2.579E-04	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.965E-04	0.0006
U-234	1.077E-04	0.0001	4.689E-05	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.677E-05	0.0000
U-235	1.530E-04	0.0002	9.412E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.818E-07	0.0000
U-238	2.127E-03	0.0026	4.134E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.395E-05	0.0000
Total	7.830E-01	0.9429	4.353E-04	0.0005	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.788E-03	0.0070

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+02 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	3.022E-11	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.632E-11	0.0000
C-14	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Cs-137	3.490E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.407E-05	0.0001
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.344E-18	0.0000
H-3	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Ni-63	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.452E-08	0.0000
Pa-231	1.011E-03	0.0012	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.481E-03	0.0018
Pb-210	7.510E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.736E-09	0.0000
Ra-226	3.709E-02	0.0447	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.703E-01	0.9277
Sr-90	1.783E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.895E-07	0.0000
Th-230	2.102E-03	0.0025	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.502E-02	0.0663
U-234	4.811E-04	0.0006	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.725E-04	0.0008
U-235	1.639E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.712E-04	0.0002
U-238	4.538E-04	0.0005	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.656E-03	0.0032
Total	4.115E-02	0.0496	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.304E-01	1.0000

*Sum of all water independent and dependent pathways.

Summary : HFBR SU 7A_Bias 1_Industrial_Avg Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\SU 7A_BIAS 1_INDUSTRIAL_BKGD SUBTRACT.RAD

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+03 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	2.301E-19	0.0000	1.887E-20	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.499E-20	0.0000
C-14	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Cs-137	5.705E-10	0.0000	1.347E-16	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.614E-14	0.0000
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
H-3	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Ni-63	0.000E+00	0.0000	5.677E-11	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.879E-09	0.0000
Pa-231	1.740E-04	0.0004	1.561E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.821E-05	0.0000
Pb-210	1.259E-17	0.0000	1.166E-18	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.319E-16	0.0000
Ra-226	3.292E-01	0.7669	2.393E-05	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.342E-03	0.0055
Sr-90	1.147E-13	0.0000	1.534E-16	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.463E-15	0.0000
Th-230	7.544E-02	0.1757	2.583E-04	0.0006	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.614E-04	0.0015
U-234	2.544E-04	0.0006	2.169E-05	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.824E-05	0.0000
U-235	7.011E-05	0.0002	5.860E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.871E-07	0.0000
U-238	9.492E-04	0.0022	1.848E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.517E-05	0.0000
Total	4.061E-01	0.9460	3.386E-04	0.0008	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.056E-03	0.0071

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+03 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	4.759E-19	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.398E-19	0.0000
C-14	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Cs-137	6.679E-14	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.707E-10	0.0000
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
H-3	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Ni-63	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.936E-09	0.0000
Pa-231	4.310E-04	0.0010	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.387E-04	0.0015
Pb-210	8.742E-16	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.020E-15	0.0000
Ra-226	1.613E-02	0.0376	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.477E-01	0.8100
Sr-90	1.869E-13	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.082E-13	0.0000
Th-230	2.783E-03	0.0065	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.914E-02	0.1844
U-234	2.171E-04	0.0005	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.115E-04	0.0012
U-235	1.165E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.293E-05	0.0002
U-238	1.963E-04	0.0005	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.179E-03	0.0027
Total	1.977E-02	0.0461	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.293E-01	1.0000

*Sum of all water independent and dependent pathways.

Summary : HFBR SU 7A_Bias 1_Industrial_Avg Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\SU 7A_BIAS 1_INDUSTRIAL_BKGD SUBTRACT.RAD

Dose/Source Ratios Summed Over All Pathways
Parent and Progeny Principal Radionuclide Contributions Indicated

Parent (i)	Product (j)	Thread Fraction	DSR(j,t) At Time in Years (mrem/yr)/(pCi/g) 0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
Ac-227+D	Ac-227+D	1.000E+00	1.597E+00	2.262E+00	3.008E+00	2.514E+00	5.984E-01	9.947E-02	5.790E-08	9.248E-16
C-14	C-14	1.000E+00	2.087E-02	3.560E-03	1.865E-06	1.460E-10	1.275E-43	0.000E+00	0.000E+00	0.000E+00
Cs-137+D	Cs-137+D	1.000E+00	1.776E+00	1.735E+00	1.581E+00	1.408E+00	5.552E-01	1.736E-01	1.582E-05	1.409E-10
Eu-154	Eu-154	1.000E+00	3.905E+00	3.609E+00	2.633E+00	1.775E+00	7.570E-02	1.468E-03	2.927E-17	2.193E-34
H-3	H-3	1.000E+00	8.706E-04	3.177E-04	3.992E-06	1.672E-08	1.331E-27	0.000E+00	0.000E+00	0.000E+00
Ni-63	Ni-63	1.000E+00	2.841E-06	2.820E-06	2.739E-06	2.641E-06	1.972E-06	1.369E-06	7.379E-08	1.917E-09
Pa-231	Pa-231	1.000E+00	2.118E-01	2.942E-01	6.228E-01	8.508E-01	7.959E-01	7.323E-01	3.750E-01	1.613E-01
Pa-231	Ac-227+D	1.000E+00	2.508E-02	9.550E-02	5.568E-01	1.011E+00	2.577E+00	2.790E+00	1.477E+00	6.371E-01
Pa-231	∑DSR(j)		2.369E-01	3.897E-01	1.180E+00	1.861E+00	3.373E+00	3.522E+00	1.852E+00	7.984E-01
Pb-210+D	Pb-210+D	1.000E+00	4.419E-02	5.508E-02	9.179E-02	1.246E-01	5.542E-02	1.124E-02	3.212E-08	3.750E-15
Ra-226+D	Ra-226+D	1.000E+00	5.923E+00	5.919E+00	5.902E+00	5.880E+00	5.526E+00	5.105E+00	2.705E+00	1.223E+00
Ra-226+D	Pb-210+D	1.000E+00	7.585E-04	2.900E-03	2.012E-02	5.830E-02	2.055E-01	2.305E-01	1.267E-01	5.531E-02
Ra-226+D	∑DSR(j)		5.924E+00	5.922E+00	5.922E+00	5.939E+00	5.732E+00	5.335E+00	2.832E+00	1.278E+00
Sr-90+D	Sr-90+D	1.000E+00	1.672E-02	2.249E-02	3.132E-02	2.730E-02	9.091E-03	2.300E-03	3.850E-08	4.098E-14
Th-230	Th-230	1.000E+00	7.632E-03	7.632E-03	7.632E-03	7.631E-03	7.628E-03	7.624E-03	7.593E-03	7.553E-03
Th-230	Ra-226+D	1.000E+00	1.283E-03	3.848E-03	1.409E-02	2.683E-02	1.255E-01	2.404E-01	8.914E-01	1.288E+00
Th-230	Pb-210+D	1.000E+00	1.024E-07	8.410E-07	1.795E-05	9.447E-05	2.611E-03	7.149E-03	3.361E-02	4.539E-02
Th-230	∑DSR(j)		8.915E-03	1.148E-02	2.174E-02	3.456E-02	1.358E-01	2.551E-01	9.326E-01	1.341E+00
U-234	U-234	1.000E+00	4.436E-03	6.640E-03	1.542E-02	2.152E-02	2.015E-02	1.855E-02	9.562E-03	4.145E-03
U-234	Th-230	1.000E+00	3.439E-08	1.031E-07	3.772E-07	7.177E-07	3.342E-06	6.392E-06	2.359E-05	3.396E-05
U-234	Ra-226+D	1.000E+00	3.895E-09	2.706E-08	3.499E-07	1.269E-06	2.819E-05	1.059E-04	1.742E-03	4.310E-03
U-234	Pb-210+D	1.000E+00	1.599E-10	4.486E-10	2.015E-09	5.093E-09	4.309E-07	2.622E-06	6.994E-05	1.804E-04
U-234	∑DSR(j)		4.436E-03	6.640E-03	1.542E-02	2.152E-02	2.018E-02	1.867E-02	1.140E-02	8.669E-03
U-235+D	U-235+D	1.000E+00	4.214E-01	4.228E-01	4.284E-01	4.309E-01	4.039E-01	3.725E-01	1.952E-01	8.699E-02
U-235+D	Pa-231	1.000E+00	2.386E-06	9.483E-06	7.263E-05	1.890E-04	8.509E-04	1.559E-03	3.993E-03	3.451E-03
U-235+D	Ac-227+D	1.000E+00	1.937E-07	1.565E-06	3.266E-05	1.192E-04	1.756E-03	4.408E-03	1.480E-02	1.323E-02
U-235+D	∑DSR(j)		4.214E-01	4.228E-01	4.285E-01	4.312E-01	4.065E-01	3.785E-01	2.140E-01	1.037E-01
U-238	U-238	5.400E-05	2.075E-07	3.147E-07	7.421E-07	1.039E-06	9.727E-07	8.958E-07	4.622E-07	2.006E-07

Summary : HFBR SU 7A_Bias 1_Industrial_Avg Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\SU 7A_BIAS 1_INDUSTRIAL_BKGD SUBTRACT.RAD

Dose/Source Ratios Summed Over All Pathways
Parent and Progeny Principal Radionuclide Contributions Indicated

Parent (i)	Product (j)	Thread Fraction	DSR(j,t) At Time in Years (mrem/yr)/(pCi/g) 0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
U-238+D	U-238+D	9.999E-01	8.469E-02	8.665E-02	9.448E-02	9.962E-02	9.337E-02	8.610E-02	4.500E-02	1.997E-02
U-238+D	U-234	9.999E-01	6.810E-09	2.874E-08	2.409E-07	6.405E-07	2.884E-06	5.286E-06	1.358E-05	1.177E-05
U-238+D	Th-230	9.999E-01	5.631E-14	3.020E-13	3.218E-12	1.135E-11	2.421E-10	8.981E-10	1.457E-08	3.589E-08
U-238+D	Ra-226+D	9.999E-01	4.964E-11	1.566E-10	5.616E-10	1.426E-09	1.361E-08	3.376E-08	8.587E-07	3.612E-06
U-238+D	Pb-210+D	9.999E-01	2.098E-10	6.567E-10	2.344E-09	5.766E-09	4.785E-08	9.257E-08	3.897E-07	6.623E-07
U-238+D	∑DSR(j)		8.469E-02	8.665E-02	9.448E-02	9.962E-02	9.337E-02	8.611E-02	4.502E-02	1.998E-02

The DSR includes contributions from associated (half-life ≤ 180 days) daughters.

Single Radionuclide Soil Guidelines G(i,t) in pCi/g
Basic Radiation Dose Limit = 2.500E+01 mrem/yr

Nuclide (i)	t= 0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
Ac-227	1.566E+01	1.105E+01	8.311E+00	9.945E+00	4.178E+01	2.513E+02	4.318E+08	*7.232E+13
C-14	1.198E+03	7.022E+03	1.341E+07	1.712E+11	*4.455E+12	*4.455E+12	*4.455E+12	*4.455E+12
Cs-137	1.407E+01	1.441E+01	1.581E+01	1.776E+01	4.503E+01	1.440E+02	1.580E+06	1.774E+11
Eu-154	6.402E+00	6.927E+00	9.496E+00	1.409E+01	3.302E+02	1.704E+04	*2.639E+14	*2.639E+14
H-3	2.872E+04	7.869E+04	6.262E+06	1.495E+09	*9.597E+15	*9.597E+15	*9.597E+15	*9.597E+15
Ni-63	8.801E+06	8.865E+06	9.128E+06	9.468E+06	1.268E+07	1.827E+07	3.388E+08	1.304E+10
Pa-231	1.055E+02	6.414E+01	2.119E+01	1.343E+01	7.412E+00	7.097E+00	1.350E+01	3.131E+01
Pb-210	5.657E+02	4.539E+02	2.724E+02	2.007E+02	4.511E+02	2.224E+03	7.784E+08	*7.634E+13
Ra-226	4.220E+00	4.222E+00	4.222E+00	4.210E+00	4.362E+00	4.686E+00	8.828E+00	1.956E+01
Sr-90	1.495E+03	1.112E+03	7.982E+02	9.158E+02	2.750E+03	1.087E+04	6.493E+08	*1.365E+14
Th-230	2.804E+03	2.178E+03	1.150E+03	7.234E+02	1.841E+02	9.799E+01	2.681E+01	1.864E+01
U-234	5.636E+03	3.765E+03	1.621E+03	1.162E+03	1.239E+03	1.339E+03	2.193E+03	2.884E+03
U-235	5.933E+01	5.913E+01	5.834E+01	5.798E+01	6.150E+01	6.605E+01	1.168E+02	2.412E+02
U-238	2.952E+02	2.885E+02	2.646E+02	2.509E+02	2.677E+02	2.903E+02	5.554E+02	1.251E+03

*At specific activity limit

Summary : HFBR SU 7A_Bias 1_Industrial_Avg Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\SU 7A_BIAS 1_INDUSTRIAL_BKGD SUBTRACT.RAD

Summed Dose/Source Ratios DSR(i,t) in (mrem/yr)/(pCi/g)
and Single Radionuclide Soil Guidelines G(i,t) in pCi/g
at tmin = time of minimum single radionuclide soil guideline
and at tmax = time of maximum total dose = 0.000E+00 years

Nuclide (i)	Initial (pCi/g)	tmin (years)	DSR(i,tmin)	G(i,tmin) (pCi/g)	DSR(i,tmax)	G(i,tmax) (pCi/g)
Ac-227	8.000E-04	2.916 ± 0.006	3.227E+00	7.748E+00	1.597E+00	1.566E+01
C-14	1.160E+00	0.000E+00	2.087E-02	1.198E+03	2.087E-02	1.198E+03
Cs-137	4.050E+00	0.000E+00	1.776E+00	1.407E+01	1.776E+00	1.407E+01
Eu-154	8.010E-02	0.000E+00	3.905E+00	6.402E+00	3.905E+00	6.402E+00
H-3	4.120E+01	0.000E+00	8.706E-04	2.872E+04	8.706E-04	2.872E+04
Ni-63	1.010E+00	0.000E+00	2.841E-06	8.801E+06	2.841E-06	8.801E+06
Pa-231	8.000E-04	82.9 ± 0.2	3.549E+00	7.045E+00	2.369E-01	1.055E+02
Pb-210	2.720E-01	17.69 ± 0.04	1.534E-01	1.630E+02	4.419E-02	5.657E+02
Ra-226	2.720E-01	12.23 ± 0.02	5.948E+00	4.203E+00	5.924E+00	4.220E+00
Sr-90	7.520E+00	3.239 ± 0.006	3.274E-02	7.635E+02	1.672E-02	1.495E+03
Th-230	5.900E-02	1.000E+03	1.341E+00	1.864E+01	8.915E-03	2.804E+03
U-234	5.900E-02	8.32 ± 0.02	2.158E-02	1.158E+03	4.436E-03	5.636E+03
U-235	8.000E-04	8.08 ± 0.02	4.324E-01	5.782E+01	4.214E-01	5.933E+01
U-238	5.900E-02	8.26 ± 0.02	9.990E-02	2.502E+02	8.469E-02	2.952E+02

Summary : HFBR SU 7A_Bias 1_Industrial_Avg Bkgd Subtract
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Individual Nuclide Dose Summed Over All Pathways
Parent Nuclide and Branch Fraction Indicated

Nuclide (j)	Parent (i)	THF(i)	DOSE(j,t), mrem/yr t= 0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
Ac-227	Ac-227	1.000E+00	1.277E-03	1.809E-03	2.406E-03	2.011E-03	4.787E-04	7.958E-05	4.632E-11	7.398E-19
Ac-227	Pa-231	1.000E+00	2.006E-05	7.640E-05	4.455E-04	8.085E-04	2.062E-03	2.232E-03	1.181E-03	5.097E-04
Ac-227	U-235	1.000E+00	1.549E-10	1.252E-09	2.613E-08	9.533E-08	1.405E-06	3.527E-06	1.184E-05	1.058E-05
Ac-227	∑DOSE(j)		1.297E-03	1.886E-03	2.852E-03	2.820E-03	2.542E-03	2.315E-03	1.193E-03	5.203E-04
C-14	C-14	1.000E+00	2.420E-02	4.130E-03	2.163E-06	1.694E-10	0.000E+00	0.000E+00	0.000E+00	0.000E+00
Cs-137	Cs-137	1.000E+00	7.194E+00	7.029E+00	6.404E+00	5.701E+00	2.249E+00	7.029E-01	6.407E-05	5.707E-10
Eu-154	Eu-154	1.000E+00	3.128E-01	2.891E-01	2.109E-01	1.422E-01	6.064E-03	1.175E-04	2.344E-18	0.000E+00
H-3	H-3	1.000E+00	3.587E-02	1.309E-02	1.645E-04	6.890E-07	5.484E-26	0.000E+00	0.000E+00	0.000E+00
Ni-63	Ni-63	1.000E+00	2.869E-06	2.848E-06	2.766E-06	2.667E-06	1.992E-06	1.382E-06	7.452E-08	1.936E-09
Pa-231	Pa-231	1.000E+00	1.694E-04	2.354E-04	4.983E-04	6.806E-04	6.367E-04	5.858E-04	3.000E-04	1.291E-04
Pa-231	U-235	1.000E+00	1.909E-09	7.587E-09	5.810E-08	1.512E-07	6.807E-07	1.247E-06	3.194E-06	2.761E-06
Pa-231	∑DOSE(j)		1.694E-04	2.354E-04	4.983E-04	6.808E-04	6.374E-04	5.871E-04	3.032E-04	1.318E-04
Pb-210	Pb-210	1.000E+00	1.202E-02	1.498E-02	2.497E-02	3.389E-02	1.507E-02	3.058E-03	8.736E-09	1.020E-15
Pb-210	Ra-226	1.000E+00	2.063E-04	7.889E-04	5.472E-03	1.586E-02	5.589E-02	6.271E-02	3.447E-02	1.504E-02
Pb-210	Th-230	1.000E+00	6.041E-09	4.962E-08	1.059E-06	5.574E-06	1.540E-04	4.218E-04	1.983E-03	2.678E-03
Pb-210	U-234	1.000E+00	9.434E-12	2.647E-11	1.189E-10	3.005E-10	2.542E-08	1.547E-07	4.127E-06	1.064E-05
Pb-210	U-238	9.999E-01	1.238E-11	3.875E-11	1.383E-10	3.402E-10	2.823E-09	5.462E-09	2.299E-08	3.907E-08
Pb-210	∑DOSE(j)		1.223E-02	1.577E-02	3.044E-02	4.975E-02	7.112E-02	6.619E-02	3.646E-02	1.773E-02
Ra-226	Ra-226	1.000E+00	1.611E+00	1.610E+00	1.605E+00	1.599E+00	1.503E+00	1.388E+00	7.358E-01	3.327E-01
Ra-226	Th-230	1.000E+00	7.571E-05	2.270E-04	8.311E-04	1.583E-03	7.407E-03	1.418E-02	5.259E-02	7.602E-02
Ra-226	U-234	1.000E+00	2.298E-10	1.597E-09	2.064E-08	7.486E-08	1.663E-06	6.249E-06	1.028E-04	2.543E-04
Ra-226	U-238	9.999E-01	2.929E-12	9.241E-12	3.314E-11	8.415E-11	8.032E-10	1.992E-09	5.067E-08	2.131E-07
Ra-226	∑DOSE(j)		1.611E+00	1.610E+00	1.606E+00	1.601E+00	1.511E+00	1.403E+00	7.885E-01	4.089E-01
Sr-90	Sr-90	1.000E+00	1.258E-01	1.691E-01	2.355E-01	2.053E-01	6.837E-02	1.730E-02	2.895E-07	3.082E-13
Th-230	Th-230	1.000E+00	4.503E-04	4.503E-04	4.503E-04	4.502E-04	4.501E-04	4.498E-04	4.480E-04	4.456E-04
Th-230	U-234	1.000E+00	2.029E-09	6.084E-09	2.225E-08	4.234E-08	1.972E-07	3.771E-07	1.392E-06	2.004E-06
Th-230	U-238	9.999E-01	3.322E-15	1.782E-14	1.899E-13	6.695E-13	1.428E-11	5.299E-11	8.597E-10	2.118E-09
Th-230	∑DOSE(j)		4.503E-04	4.503E-04	4.503E-04	4.503E-04	4.503E-04	4.502E-04	4.494E-04	4.477E-04
U-234	U-234	1.000E+00	2.617E-04	3.917E-04	9.099E-04	1.270E-03	1.189E-03	1.094E-03	5.642E-04	2.445E-04
U-234	U-238	9.999E-01	4.018E-10	1.696E-09	1.422E-08	3.779E-08	1.702E-07	3.119E-07	8.010E-07	6.946E-07
U-234	∑DOSE(j)		2.617E-04	3.917E-04	9.099E-04	1.270E-03	1.189E-03	1.095E-03	5.650E-04	2.452E-04
U-235	U-235	1.000E+00	3.371E-04	3.382E-04	3.427E-04	3.447E-04	3.231E-04	2.980E-04	1.562E-04	6.959E-05
U-238	U-238	5.400E-05	1.224E-08	1.857E-08	4.378E-08	6.129E-08	5.739E-08	5.285E-08	2.727E-08	1.183E-08
U-238	U-238	9.999E-01	4.997E-03	5.113E-03	5.574E-03	5.878E-03	5.509E-03	5.080E-03	2.655E-03	1.178E-03
U-238	∑DOSE(j)		4.997E-03	5.113E-03	5.574E-03	5.878E-03	5.509E-03	5.080E-03	2.655E-03	1.178E-03

THF(i) is the thread fraction of the parent nuclide.

Summary : HFBR SU 7A_Bias 1_Industrial_Avg Bkgd Subtract
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Individual Nuclide Soil Concentration
Parent Nuclide and Branch Fraction Indicated

Nuclide (j)	Parent (i)	THF(i)	S(j,t), pCi/g t= 0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
Ac-227	Ac-227	1.000E+00	8.000E-04	7.718E-04	6.687E-04	5.590E-04	1.332E-04	2.218E-05	1.311E-11	2.150E-19
Ac-227	Pa-231	1.000E+00	0.000E+00	2.500E-05	1.161E-04	2.122E-04	5.619E-04	6.114E-04	3.286E-04	1.451E-04
Ac-227	U-235	1.000E+00	0.000E+00	2.660E-10	6.316E-09	2.373E-08	3.783E-07	9.600E-07	3.290E-06	3.011E-06
Ac-227	∑S(j):		8.000E-04	7.968E-04	7.848E-04	7.712E-04	6.955E-04	6.345E-04	3.319E-04	1.481E-04
C-14	C-14	1.000E+00	1.160E+00	1.757E-01	9.199E-05	7.199E-09	6.239E-42	0.000E+00	0.000E+00	0.000E+00
Cs-137	Cs-137	1.000E+00	4.050E+00	3.957E+00	3.605E+00	3.210E+00	1.266E+00	3.957E-01	3.607E-05	3.212E-10
Eu-154	Eu-154	1.000E+00	8.010E-02	7.403E-02	5.400E-02	3.640E-02	1.553E-03	3.010E-05	6.003E-19	4.499E-36
H-3	H-3	1.000E+00	4.120E+01	1.380E+01	1.734E-01	7.265E-04	5.789E-23	0.000E+00	0.000E+00	0.000E+00
Ni-63	Ni-63	1.000E+00	1.010E+00	1.003E+00	9.738E-01	9.389E-01	7.011E-01	4.867E-01	2.624E-02	6.815E-04
Pa-231	Pa-231	1.000E+00	8.000E-04	7.987E-04	7.935E-04	7.870E-04	7.372E-04	6.793E-04	3.532E-04	1.559E-04
Pa-231	U-235	1.000E+00	0.000E+00	1.690E-08	8.395E-08	1.665E-07	7.803E-07	1.439E-06	3.756E-06	3.334E-06
Pa-231	∑S(j):		8.000E-04	7.987E-04	7.936E-04	7.872E-04	7.380E-04	6.808E-04	3.570E-04	1.593E-04
Pb-210	Pb-210	1.000E+00	2.720E-01	2.635E-01	2.319E-01	1.977E-01	5.522E-02	1.121E-02	3.232E-08	3.841E-15
Pb-210	Ra-226	1.000E+00	0.000E+00	8.315E-03	3.892E-02	7.179E-02	2.011E-01	2.266E-01	1.262E-01	5.706E-02
Pb-210	Th-230	1.000E+00	0.000E+00	3.928E-07	9.398E-06	3.562E-05	6.049E-04	1.635E-03	8.204E-03	1.224E-02
Pb-210	U-234	1.000E+00	0.000E+00	1.182E-12	1.427E-10	1.094E-09	1.001E-07	5.756E-07	1.516E-05	3.996E-05
Pb-210	U-238	9.999E-01	0.000E+00	8.386E-19	5.091E-16	7.859E-15	3.764E-12	4.506E-11	6.305E-09	3.142E-08
Pb-210	∑S(j):		2.720E-01	2.718E-01	2.708E-01	2.696E-01	2.569E-01	2.394E-01	1.344E-01	6.934E-02
Ra-226	Ra-226	1.000E+00	2.720E-01	2.716E-01	2.699E-01	2.677E-01	2.513E-01	2.321E-01	1.230E-01	5.563E-02
Ra-226	Th-230	1.000E+00	0.000E+00	2.554E-05	1.273E-04	2.536E-04	1.228E-03	2.362E-03	8.796E-03	1.273E-02
Ra-226	U-234	1.000E+00	0.000E+00	1.149E-10	2.861E-09	1.138E-08	2.727E-07	1.034E-06	1.714E-05	4.246E-05
Ra-226	U-238	9.999E-01	0.000E+00	1.086E-16	1.351E-14	1.074E-13	1.279E-11	9.639E-11	7.524E-09	3.425E-08
Ra-226	∑S(j):		2.720E-01	2.716E-01	2.700E-01	2.680E-01	2.525E-01	2.344E-01	1.318E-01	6.840E-02
Sr-90	Sr-90	1.000E+00	7.520E+00	7.316E+00	6.555E+00	5.714E+00	1.905E+00	4.828E-01	8.200E-06	8.941E-12
Th-230	Th-230	1.000E+00	5.900E-02	5.900E-02	5.900E-02	5.899E-02	5.897E-02	5.894E-02	5.870E-02	5.839E-02
Th-230	U-234	1.000E+00	0.000E+00	5.307E-07	2.645E-06	5.268E-06	2.550E-05	4.901E-05	1.816E-04	2.616E-04
Th-230	U-238	9.999E-01	0.000E+00	7.520E-13	1.872E-11	7.447E-11	1.783E-09	6.762E-09	1.117E-07	2.757E-07
Th-230	∑S(j):		5.900E-02	5.900E-02	5.900E-02	5.900E-02	5.899E-02	5.899E-02	5.888E-02	5.865E-02
U-234	U-234	1.000E+00	5.900E-02	5.890E-02	5.852E-02	5.805E-02	5.442E-02	5.019E-02	2.629E-02	1.171E-02
U-234	U-238	9.999E-01	0.000E+00	1.670E-07	8.295E-07	1.646E-06	7.714E-06	1.423E-05	3.729E-05	3.325E-05
U-234	∑S(j):		5.900E-02	5.890E-02	5.853E-02	5.806E-02	5.443E-02	5.021E-02	2.633E-02	1.175E-02
U-235	U-235	1.000E+00	8.000E-04	7.987E-04	7.936E-04	7.872E-04	7.380E-04	6.808E-04	3.569E-04	1.593E-04
U-238	U-238	5.400E-05	3.186E-06	3.181E-06	3.160E-06	3.135E-06	2.939E-06	2.711E-06	1.422E-06	6.343E-07
U-238	U-238	9.999E-01	5.900E-02	5.890E-02	5.852E-02	5.805E-02	5.442E-02	5.020E-02	2.632E-02	1.175E-02
U-238	∑S(j):		5.900E-02	5.890E-02	5.853E-02	5.806E-02	5.443E-02	5.021E-02	2.633E-02	1.175E-02

THF(i) is the thread fraction of the parent nuclide.

RESCALC.EXE execution time = 17.41 seconds

Summary : HFBR SU 7A_Bias 1_Residential_Avg Bkgd Subtract
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Dose Conversion Factor (and Related) Parameter Summary
Dose Library: FGR 11

Menu	Parameter	Current Value#	Base Case*	Parameter Name
A-1	DCF's for external ground radiation, (mrem/yr)/(pCi/g)			
A-1	Ac-227 (Source: FGR 12)	4.951E-04	4.951E-04	DCF1(1)
A-1	At-218 (Source: FGR 12)	5.847E-03	5.847E-03	DCF1(2)
A-1	Ba-137m (Source: FGR 12)	3.606E+00	3.606E+00	DCF1(3)
A-1	Bi-210 (Source: FGR 12)	3.606E-03	3.606E-03	DCF1(4)
A-1	Bi-211 (Source: FGR 12)	2.559E-01	2.559E-01	DCF1(5)
A-1	Bi-214 (Source: FGR 12)	9.808E+00	9.808E+00	DCF1(6)
A-1	C-14 (Source: FGR 12)	1.345E-05	1.345E-05	DCF1(7)
A-1	Cs-137 (Source: FGR 12)	7.510E-04	7.510E-04	DCF1(8)
A-1	Eu-154 (Source: FGR 12)	7.678E+00	7.678E+00	DCF1(9)
A-1	Fr-223 (Source: FGR 12)	1.980E-01	1.980E-01	DCF1(10)
A-1	H-3 (Source: FGR 12)	0.000E+00	0.000E+00	DCF1(11)
A-1	Ni-63 (Source: FGR 12)	0.000E+00	0.000E+00	DCF1(12)
A-1	Pa-231 (Source: FGR 12)	1.906E-01	1.906E-01	DCF1(13)
A-1	Pa-234 (Source: FGR 12)	1.155E+01	1.155E+01	DCF1(14)
A-1	Pa-234m (Source: FGR 12)	8.967E-02	8.967E-02	DCF1(15)
A-1	Pb-210 (Source: FGR 12)	2.447E-03	2.447E-03	DCF1(16)
A-1	Pb-211 (Source: FGR 12)	3.064E-01	3.064E-01	DCF1(17)
A-1	Pb-214 (Source: FGR 12)	1.341E+00	1.341E+00	DCF1(18)
A-1	Po-210 (Source: FGR 12)	5.231E-05	5.231E-05	DCF1(19)
A-1	Po-211 (Source: FGR 12)	4.764E-02	4.764E-02	DCF1(20)
A-1	Po-214 (Source: FGR 12)	5.138E-04	5.138E-04	DCF1(21)
A-1	Po-215 (Source: FGR 12)	1.016E-03	1.016E-03	DCF1(22)
A-1	Po-218 (Source: FGR 12)	5.642E-05	5.642E-05	DCF1(23)
A-1	Ra-223 (Source: FGR 12)	6.034E-01	6.034E-01	DCF1(24)
A-1	Ra-226 (Source: FGR 12)	3.176E-02	3.176E-02	DCF1(25)
A-1	Rn-219 (Source: FGR 12)	3.083E-01	3.083E-01	DCF1(26)
A-1	Rn-222 (Source: FGR 12)	2.354E-03	2.354E-03	DCF1(27)
A-1	Sr-90 (Source: FGR 12)	7.043E-04	7.043E-04	DCF1(28)
A-1	Th-227 (Source: FGR 12)	5.212E-01	5.212E-01	DCF1(29)
A-1	Th-230 (Source: FGR 12)	1.209E-03	1.209E-03	DCF1(30)
A-1	Th-231 (Source: FGR 12)	3.643E-02	3.643E-02	DCF1(31)
A-1	Th-234 (Source: FGR 12)	2.410E-02	2.410E-02	DCF1(32)
A-1	Tl-207 (Source: FGR 12)	1.980E-02	1.980E-02	DCF1(33)
A-1	Tl-210 (Source: no data)	0.000E+00	-2.000E+00	DCF1(34)
A-1	U-234 (Source: FGR 12)	4.017E-04	4.017E-04	DCF1(35)
A-1	U-235 (Source: FGR 12)	7.211E-01	7.211E-01	DCF1(36)
A-1	U-238 (Source: FGR 12)	1.031E-04	1.031E-04	DCF1(37)
A-1	Y-90 (Source: FGR 12)	2.391E-02	2.391E-02	DCF1(38)
B-1	Dose conversion factors for inhalation, mrem/pCi:			
B-1	Ac-227+D	6.724E+00	6.700E+00	DCF2(1)
B-1	C-14(p) (Class: ORGANIC)	2.090E-06	2.090E-06	DCF2(2)
B-1	C-14(g) (Class: CO2)	2.350E-08	2.350E-08	C14GInhDCF
B-1	Cs-137+D	3.190E-05	3.190E-05	DCF2(3)
B-1	Eu-154	2.860E-04	2.860E-04	DCF2(4)
B-1	H-3	6.400E-08	6.400E-08	DCF2(5)
B-1	Ni-63	6.290E-06	6.290E-06	DCF2(6)
B-1	Pa-231	1.280E+00	1.280E+00	DCF2(7)
B-1	Pb-210+D	2.320E-02	1.360E-02	DCF2(8)

Dose Conversion Factor (and Related) Parameter Summary (continued)
Dose Library: FGR 11

Menu	Parameter	Current Value#	Base Case*	Parameter Name
B-1	Ra-226+D	8.594E-03	8.580E-03	DCF2(9)
B-1	Sr-90+D	1.308E-03	1.300E-03	DCF2(10)
B-1	Th-230	3.260E-01	3.260E-01	DCF2(11)
B-1	U-234	1.320E-01	1.320E-01	DCF2(12)
B-1	U-235+D	1.230E-01	1.230E-01	DCF2(13)
B-1	U-238	1.180E-01	1.180E-01	DCF2(14)
B-1	U-238+D	1.180E-01	1.180E-01	DCF2(15)
D-1	Dose conversion factors for ingestion, mrem/pCi:			
D-1	Ac-227+D	1.480E-02	1.410E-02	DCF3(1)
D-1	C-14	2.090E-06	2.090E-06	DCF3(2)
D-1	Cs-137+D	5.000E-05	5.000E-05	DCF3(3)
D-1	Eu-154	9.550E-06	9.550E-06	DCF3(4)
D-1	H-3	6.400E-08	6.400E-08	DCF3(5)
D-1	Ni-63	5.770E-07	5.770E-07	DCF3(6)
D-1	Pa-231	1.060E-02	1.060E-02	DCF3(7)
D-1	Pb-210+D	7.276E-03	5.370E-03	DCF3(8)
D-1	Ra-226+D	1.321E-03	1.320E-03	DCF3(9)
D-1	Sr-90+D	1.528E-04	1.420E-04	DCF3(10)
D-1	Th-230	5.480E-04	5.480E-04	DCF3(11)
D-1	U-234	2.830E-04	2.830E-04	DCF3(12)
D-1	U-235+D	2.673E-04	2.660E-04	DCF3(13)
D-1	U-238	2.550E-04	2.550E-04	DCF3(14)
D-1	U-238+D	2.687E-04	2.550E-04	DCF3(15)
D-34	Food transfer factors:			
D-34	Ac-227+D , plant/soil concentration ratio, dimensionless	2.500E-03	2.500E-03	RTF(1,1)
D-34	Ac-227+D , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	2.000E-05	2.000E-05	RTF(1,2)
D-34	Ac-227+D , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	2.000E-05	2.000E-05	RTF(1,3)
D-34				
D-34	C-14 , plant/soil concentration ratio, dimensionless	5.500E+00	5.500E+00	RTF(2,1)
D-34	C-14 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	3.100E-02	3.100E-02	RTF(2,2)
D-34	C-14 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	1.200E-02	1.200E-02	RTF(2,3)
D-34				
D-34	Cs-137+D , plant/soil concentration ratio, dimensionless	4.000E-02	4.000E-02	RTF(3,1)
D-34	Cs-137+D , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	3.000E-02	3.000E-02	RTF(3,2)
D-34	Cs-137+D , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	8.000E-03	8.000E-03	RTF(3,3)
D-34				
D-34	Eu-154 , plant/soil concentration ratio, dimensionless	2.500E-03	2.500E-03	RTF(4,1)
D-34	Eu-154 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	2.000E-03	2.000E-03	RTF(4,2)
D-34	Eu-154 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	5.000E-05	5.000E-05	RTF(4,3)
D-34				
D-34	H-3 , plant/soil concentration ratio, dimensionless	4.800E+00	4.800E+00	RTF(5,1)
D-34	H-3 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	1.200E-02	1.200E-02	RTF(5,2)
D-34	H-3 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	1.000E-02	1.000E-02	RTF(5,3)
D-34				
D-34	Ni-63 , plant/soil concentration ratio, dimensionless	5.000E-02	5.000E-02	RTF(6,1)
D-34	Ni-63 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	5.000E-03	5.000E-03	RTF(6,2)
D-34	Ni-63 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	2.000E-02	2.000E-02	RTF(6,3)
D-34				

Dose Conversion Factor (and Related) Parameter Summary (continued)
Dose Library: FGR 11

Menu	Parameter	Current Value#	Base Case*	Parameter Name
D-34	Pa-231 , plant/soil concentration ratio, dimensionless	1.000E-02	1.000E-02	RTF(7,1)
D-34	Pa-231 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	5.000E-03	5.000E-03	RTF(7,2)
D-34	Pa-231 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	5.000E-06	5.000E-06	RTF(7,3)
D-34				
D-34	Pb-210+D , plant/soil concentration ratio, dimensionless	1.000E-02	1.000E-02	RTF(8,1)
D-34	Pb-210+D , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	8.000E-04	8.000E-04	RTF(8,2)
D-34	Pb-210+D , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	3.000E-04	3.000E-04	RTF(8,3)
D-34				
D-34	Ra-226+D , plant/soil concentration ratio, dimensionless	4.000E-02	4.000E-02	RTF(9,1)
D-34	Ra-226+D , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	1.000E-03	1.000E-03	RTF(9,2)
D-34	Ra-226+D , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	1.000E-03	1.000E-03	RTF(9,3)
D-34				
D-34	Sr-90+D , plant/soil concentration ratio, dimensionless	3.000E-01	3.000E-01	RTF(10,1)
D-34	Sr-90+D , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	8.000E-03	8.000E-03	RTF(10,2)
D-34	Sr-90+D , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	2.000E-03	2.000E-03	RTF(10,3)
D-34				
D-34	Th-230 , plant/soil concentration ratio, dimensionless	1.000E-03	1.000E-03	RTF(11,1)
D-34	Th-230 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	1.000E-04	1.000E-04	RTF(11,2)
D-34	Th-230 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	5.000E-06	5.000E-06	RTF(11,3)
D-34				
D-34	U-234 , plant/soil concentration ratio, dimensionless	2.500E-03	2.500E-03	RTF(12,1)
D-34	U-234 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	3.400E-04	3.400E-04	RTF(12,2)
D-34	U-234 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	6.000E-04	6.000E-04	RTF(12,3)
D-34				
D-34	U-235+D , plant/soil concentration ratio, dimensionless	2.500E-03	2.500E-03	RTF(13,1)
D-34	U-235+D , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	3.400E-04	3.400E-04	RTF(13,2)
D-34	U-235+D , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	6.000E-04	6.000E-04	RTF(13,3)
D-34				
D-34	U-238 , plant/soil concentration ratio, dimensionless	2.500E-03	2.500E-03	RTF(14,1)
D-34	U-238 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	3.400E-04	3.400E-04	RTF(14,2)
D-34	U-238 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	6.000E-04	6.000E-04	RTF(14,3)
D-34				
D-34	U-238+D , plant/soil concentration ratio, dimensionless	2.500E-03	2.500E-03	RTF(15,1)
D-34	U-238+D , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	3.400E-04	3.400E-04	RTF(15,2)
D-34	U-238+D , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	6.000E-04	6.000E-04	RTF(15,3)
D-5	Bioaccumulation factors, fresh water, L/kg:			
D-5	Ac-227+D , fish	1.500E+01	1.500E+01	BIOFAC(1,1)
D-5	Ac-227+D , crustacea and mollusks	1.000E+03	1.000E+03	BIOFAC(1,2)
D-5				
D-5	C-14 , fish	5.000E+04	5.000E+04	BIOFAC(2,1)
D-5	C-14 , crustacea and mollusks	9.100E+03	9.100E+03	BIOFAC(2,2)
D-5				
D-5	Cs-137+D , fish	2.000E+03	2.000E+03	BIOFAC(3,1)
D-5	Cs-137+D , crustacea and mollusks	1.000E+02	1.000E+02	BIOFAC(3,2)
D-5				
D-5	Eu-154 , fish	5.000E+01	5.000E+01	BIOFAC(4,1)
D-5	Eu-154 , crustacea and mollusks	1.000E+03	1.000E+03	BIOFAC(4,2)
D-5				

Dose Conversion Factor (and Related) Parameter Summary (continued)
Dose Library: FGR 11

Menu	Parameter	Current Value#	Base Case*	Parameter Name
D-5	H-3 , fish	1.000E+00	1.000E+00	BIOFAC(5,1)
D-5	H-3 , crustacea and mollusks	1.000E+00	1.000E+00	BIOFAC(5,2)
D-5				
D-5	Ni-63 , fish	1.000E+02	1.000E+02	BIOFAC(6,1)
D-5	Ni-63 , crustacea and mollusks	1.000E+02	1.000E+02	BIOFAC(6,2)
D-5				
D-5	Pa-231 , fish	1.000E+01	1.000E+01	BIOFAC(7,1)
D-5	Pa-231 , crustacea and mollusks	1.100E+02	1.100E+02	BIOFAC(7,2)
D-5				
D-5	Pb-210+D , fish	3.000E+02	3.000E+02	BIOFAC(8,1)
D-5	Pb-210+D , crustacea and mollusks	1.000E+02	1.000E+02	BIOFAC(8,2)
D-5				
D-5	Ra-226+D , fish	5.000E+01	5.000E+01	BIOFAC(9,1)
D-5	Ra-226+D , crustacea and mollusks	2.500E+02	2.500E+02	BIOFAC(9,2)
D-5				
D-5	Sr-90+D , fish	6.000E+01	6.000E+01	BIOFAC(10,1)
D-5	Sr-90+D , crustacea and mollusks	1.000E+02	1.000E+02	BIOFAC(10,2)
D-5				
D-5	Th-230 , fish	1.000E+02	1.000E+02	BIOFAC(11,1)
D-5	Th-230 , crustacea and mollusks	5.000E+02	5.000E+02	BIOFAC(11,2)
D-5				
D-5	U-234 , fish	1.000E+01	1.000E+01	BIOFAC(12,1)
D-5	U-234 , crustacea and mollusks	6.000E+01	6.000E+01	BIOFAC(12,2)
D-5				
D-5	U-235+D , fish	1.000E+01	1.000E+01	BIOFAC(13,1)
D-5	U-235+D , crustacea and mollusks	6.000E+01	6.000E+01	BIOFAC(13,2)
D-5				
D-5	U-238 , fish	1.000E+01	1.000E+01	BIOFAC(14,1)
D-5	U-238 , crustacea and mollusks	6.000E+01	6.000E+01	BIOFAC(14,2)
D-5				
D-5	U-238+D , fish	1.000E+01	1.000E+01	BIOFAC(15,1)
D-5	U-238+D , crustacea and mollusks	6.000E+01	6.000E+01	BIOFAC(15,2)

#For DCF1(xxx) only, factors are for infinite depth & area. See ETFG table in Ground Pathway of Detailed Report.
*Base Case means Default.Lib w/o Associate Nuclide contributions.

Summary : HFBR SU 7A_Bias 1_Residential_Avg Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\SU 7A_BIAS 1_RESIDENTIAL_BKGD SUBTRACT.RAD

Site-Specific Parameter Summary

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R011	Area of contaminated zone (m**2)	1.460E+02	1.000E+04	---	AREA
R011	Thickness of contaminated zone (m)	5.000E+00	2.000E+00	---	THICK0
R011	Fraction of contamination that is submerged	0.000E+00	0.000E+00	---	SUBMFRACT
R011	Length parallel to aquifer flow (m)	1.200E+01	1.000E+02	---	LCZPAQ
R011	Basic radiation dose limit (mrem/yr)	2.500E+01	3.000E+01	---	BRDL
R011	Time since placement of material (yr)	0.000E+00	0.000E+00	---	TI
R011	Times for calculations (yr)	1.000E+00	1.000E+00	---	T(2)
R011	Times for calculations (yr)	5.000E+00	3.000E+00	---	T(3)
R011	Times for calculations (yr)	1.000E+01	1.000E+01	---	T(4)
R011	Times for calculations (yr)	5.000E+01	3.000E+01	---	T(5)
R011	Times for calculations (yr)	1.000E+02	1.000E+02	---	T(6)
R011	Times for calculations (yr)	5.000E+02	3.000E+02	---	T(7)
R011	Times for calculations (yr)	1.000E+03	1.000E+03	---	T(8)
R011	Times for calculations (yr)	not used	0.000E+00	---	T(9)
R011	Times for calculations (yr)	not used	0.000E+00	---	T(10)
R012	Initial principal radionuclide (pCi/g): Ac-227	8.000E-04	0.000E+00	---	S1(1)
R012	Initial principal radionuclide (pCi/g): C-14	1.160E+00	0.000E+00	---	S1(2)
R012	Initial principal radionuclide (pCi/g): Cs-137	4.050E+00	0.000E+00	---	S1(3)
R012	Initial principal radionuclide (pCi/g): Eu-154	8.010E-02	0.000E+00	---	S1(4)
R012	Initial principal radionuclide (pCi/g): H-3	4.120E+01	0.000E+00	---	S1(5)
R012	Initial principal radionuclide (pCi/g): Ni-63	1.010E+00	0.000E+00	---	S1(6)
R012	Initial principal radionuclide (pCi/g): Pa-231	8.000E-04	0.000E+00	---	S1(7)
R012	Initial principal radionuclide (pCi/g): Pb-210	2.720E-01	0.000E+00	---	S1(8)
R012	Initial principal radionuclide (pCi/g): Ra-226	2.720E-01	0.000E+00	---	S1(9)
R012	Initial principal radionuclide (pCi/g): Sr-90	7.520E+00	0.000E+00	---	S1(10)
R012	Initial principal radionuclide (pCi/g): Th-230	5.900E-02	0.000E+00	---	S1(11)
R012	Initial principal radionuclide (pCi/g): U-234	5.900E-02	0.000E+00	---	S1(12)
R012	Initial principal radionuclide (pCi/g): U-235	8.000E-04	0.000E+00	---	S1(13)
R012	Initial principal radionuclide (pCi/g): U-238	5.900E-02	0.000E+00	---	S1(14)
R012	Concentration in groundwater (pCi/L): Ac-227	not used	0.000E+00	---	W1(1)
R012	Concentration in groundwater (pCi/L): C-14	not used	0.000E+00	---	W1(2)
R012	Concentration in groundwater (pCi/L): Cs-137	not used	0.000E+00	---	W1(3)
R012	Concentration in groundwater (pCi/L): Eu-154	not used	0.000E+00	---	W1(4)
R012	Concentration in groundwater (pCi/L): H-3	not used	0.000E+00	---	W1(5)
R012	Concentration in groundwater (pCi/L): Ni-63	not used	0.000E+00	---	W1(6)
R012	Concentration in groundwater (pCi/L): Pa-231	not used	0.000E+00	---	W1(7)
R012	Concentration in groundwater (pCi/L): Pb-210	not used	0.000E+00	---	W1(8)
R012	Concentration in groundwater (pCi/L): Ra-226	not used	0.000E+00	---	W1(9)
R012	Concentration in groundwater (pCi/L): Sr-90	not used	0.000E+00	---	W1(10)
R012	Concentration in groundwater (pCi/L): Th-230	not used	0.000E+00	---	W1(11)
R012	Concentration in groundwater (pCi/L): U-234	not used	0.000E+00	---	W1(12)
R012	Concentration in groundwater (pCi/L): U-235	not used	0.000E+00	---	W1(13)
R012	Concentration in groundwater (pCi/L): U-238	not used	0.000E+00	---	W1(14)
R013	Cover depth (m)	0.000E+00	0.000E+00	---	COVER0
R013	Density of cover material (g/cm**3)	not used	1.500E+00	---	DENSCV
R013	Cover depth erosion rate (m/yr)	not used	1.000E-03	---	VCV
R013	Density of contaminated zone (g/cm**3)	1.660E+00	1.500E+00	---	DENSCZ
R013	Contaminated zone erosion rate (m/yr)	1.000E-03	1.000E-03	---	VCZ

Site-Specific Parameter Summary (continued)

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R013	Contaminated zone total porosity	3.300E-01	4.000E-01	---	TPCZ
R013	Contaminated zone field capacity	2.400E-01	2.000E-01	---	FCCZ
R013	Contaminated zone hydraulic conductivity (m/yr)	5.000E+03	1.000E+01	---	HCCZ
R013	Contaminated zone b parameter	4.900E+00	5.300E+00	---	BCZ
R013	Average annual wind speed (m/sec)	6.230E+00	2.000E+00	---	WIND
R013	Humidity in air (g/m**3)	8.000E+00	8.000E+00	---	HUMID
R013	Evapotranspiration coefficient	4.600E-01	5.000E-01	---	EVAPTR
R013	Precipitation (m/yr)	1.230E+00	1.000E+00	---	PRECIP
R013	Irrigation (m/yr)	2.600E-01	2.000E-01	---	RI
R013	Irrigation mode	overhead	overhead	---	IDITCH
R013	Runoff coefficient	2.000E-01	2.000E-01	---	RUNOFF
R013	Watershed area for nearby stream or pond (m**2)	1.000E+06	1.000E+06	---	WAREA
R013	Accuracy for water/soil computations	1.000E-03	1.000E-03	---	EPS
R014	Density of saturated zone (g/cm**3)	1.660E+00	1.500E+00	---	DENSAQ
R014	Saturated zone total porosity	3.300E-01	4.000E-01	---	TPSZ
R014	Saturated zone effective porosity	2.400E-01	2.000E-01	---	EPSZ
R014	Saturated zone field capacity	2.000E-01	2.000E-01	---	FCSZ
R014	Saturated zone hydraulic conductivity (m/yr)	2.000E+04	1.000E+02	---	HCSZ
R014	Saturated zone hydraulic gradient	4.800E-03	2.000E-02	---	HGWT
R014	Saturated zone b parameter	4.900E+00	5.300E+00	---	BSZ
R014	Water table drop rate (m/yr)	1.000E-03	1.000E-03	---	VWT
R014	Well pump intake depth (m below water table)	1.800E+01	1.000E+01	---	DWIBWT
R014	Model: Nondispersion (ND) or Mass-Balance (MB)	ND	ND	---	MODEL
R014	Well pumping rate (m**3/yr)	2.500E+02	2.500E+02	---	UW
R015	Number of unsaturated zone strata	1	1	---	NS
R015	Unsat. zone 1, thickness (m)	0.000E+00	4.000E+00	---	H(1)
R015	Unsat. zone 1, soil density (g/cm**3)	1.660E+00	1.500E+00	---	DENSUZ(1)
R015	Unsat. zone 1, total porosity	3.300E-01	4.000E-01	---	TPUZ(1)
R015	Unsat. zone 1, effective porosity	2.400E-01	2.000E-01	---	EPUZ(1)
R015	Unsat. zone 1, field capacity	2.000E-01	2.000E-01	---	FCUZ(1)
R015	Unsat. zone 1, soil-specific b parameter	4.900E+00	5.300E+00	---	BUZ(1)
R015	Unsat. zone 1, hydraulic conductivity (m/yr)	5.000E+03	1.000E+01	---	HCUZ(1)
R016	Distribution coefficients for Ac-227				
R016	Contaminated zone (cm**3/g)	2.000E+01	2.000E+01	---	DCNUCC(1)
R016	Unsaturated zone 1 (cm**3/g)	2.000E+01	2.000E+01	---	DCNUCU(1,1)
R016	Saturated zone (cm**3/g)	2.000E+01	2.000E+01	---	DCNUCS(1)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	4.018E-03	ALEACH(1)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(1)
R016	Distribution coefficients for C-14				
R016	Contaminated zone (cm**3/g)	0.000E+00	0.000E+00	---	DCNUCC(2)
R016	Unsaturated zone 1 (cm**3/g)	0.000E+00	0.000E+00	---	DCNUCU(2,1)
R016	Saturated zone (cm**3/g)	0.000E+00	0.000E+00	---	DCNUCS(2)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	5.598E-01	ALEACH(2)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(2)

Site-Specific Parameter Summary (continued)

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R016	Distribution coefficients for Cs-137				
R016	Contaminated zone (cm**3/g)	5.300E+02	4.600E+03	---	DCNUCC(3)
R016	Unsaturated zone 1 (cm**3/g)	5.300E+02	4.600E+03	---	DCNUCU(3,1)
R016	Saturated zone (cm**3/g)	5.300E+02	4.600E+03	---	DCNUCS(3)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	1.527E-04	ALEACH(3)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(3)
R016	Distribution coefficients for Eu-154				
R016	Contaminated zone (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCC(4)
R016	Unsaturated zone 1 (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCU(4,1)
R016	Saturated zone (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCS(4)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	9.810E-05	ALEACH(4)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(4)
R016	Distribution coefficients for H-3				
R016	Contaminated zone (cm**3/g)	0.000E+00	0.000E+00	---	DCNUCC(5)
R016	Unsaturated zone 1 (cm**3/g)	0.000E+00	0.000E+00	---	DCNUCU(5,1)
R016	Saturated zone (cm**3/g)	0.000E+00	0.000E+00	---	DCNUCS(5)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	5.598E-01	ALEACH(5)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(5)
R016	Distribution coefficients for Ni-63				
R016	Contaminated zone (cm**3/g)	1.000E+03	1.000E+03	---	DCNUCC(6)
R016	Unsaturated zone 1 (cm**3/g)	1.000E+03	1.000E+03	---	DCNUCU(6,1)
R016	Saturated zone (cm**3/g)	1.000E+03	1.000E+03	---	DCNUCS(6)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	8.092E-05	ALEACH(6)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(6)
R016	Distribution coefficients for Pa-231				
R016	Contaminated zone (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCC(7)
R016	Unsaturated zone 1 (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCU(7,1)
R016	Saturated zone (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCS(7)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	1.614E-03	ALEACH(7)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(7)
R016	Distribution coefficients for Pb-210				
R016	Contaminated zone (cm**3/g)	1.000E+02	1.000E+02	---	DCNUCC(8)
R016	Unsaturated zone 1 (cm**3/g)	1.000E+02	1.000E+02	---	DCNUCU(8,1)
R016	Saturated zone (cm**3/g)	1.000E+02	1.000E+02	---	DCNUCS(8)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	8.082E-04	ALEACH(8)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(8)
R016	Distribution coefficients for Ra-226				
R016	Contaminated zone (cm**3/g)	7.000E+01	7.000E+01	---	DCNUCC(9)
R016	Unsaturated zone 1 (cm**3/g)	7.000E+01	7.000E+01	---	DCNUCU(9,1)
R016	Saturated zone (cm**3/g)	7.000E+01	7.000E+01	---	DCNUCS(9)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	1.154E-03	ALEACH(9)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(9)

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Site-Specific Parameter Summary (continued)

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R016	Distribution coefficients for Sr-90				
R016	Contaminated zone (cm**3/g)	2.200E+01	3.000E+01	---	DCNUCC(10)
R016	Unsaturated zone 1 (cm**3/g)	2.200E+01	3.000E+01	---	DCNUCU(10,1)
R016	Saturated zone (cm**3/g)	2.200E+01	3.000E+01	---	DCNUCS(10)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	3.655E-03	ALEACH(10)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(10)
R016	Distribution coefficients for Th-230				
R016	Contaminated zone (cm**3/g)	6.000E+04	6.000E+04	---	DCNUCC(11)
R016	Unsaturated zone 1 (cm**3/g)	6.000E+04	6.000E+04	---	DCNUCU(11,1)
R016	Saturated zone (cm**3/g)	6.000E+04	6.000E+04	---	DCNUCS(11)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	1.349E-06	ALEACH(11)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(11)
R016	Distribution coefficients for U-234				
R016	Contaminated zone (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCC(12)
R016	Unsaturated zone 1 (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCU(12,1)
R016	Saturated zone (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCS(12)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	1.614E-03	ALEACH(12)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(12)
R016	Distribution coefficients for U-235				
R016	Contaminated zone (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCC(13)
R016	Unsaturated zone 1 (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCU(13,1)
R016	Saturated zone (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCS(13)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	1.614E-03	ALEACH(13)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(13)
R016	Distribution coefficients for U-238				
R016	Contaminated zone (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCC(14)
R016	Unsaturated zone 1 (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCU(14,1)
R016	Saturated zone (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCS(14)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	1.614E-03	ALEACH(14)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(14)
R017	Inhalation rate (m**3/yr)	7.300E+03	8.400E+03	---	INHALR
R017	Mass loading for inhalation (g/m**3)	1.000E-04	1.000E-04	---	MLINH
R017	Exposure duration	3.000E+01	3.000E+01	---	ED
R017	Shielding factor, inhalation	4.000E-01	4.000E-01	---	SHF3
R017	Shielding factor, external gamma	8.000E-01	7.000E-01	---	SHF1
R017	Fraction of time spent indoors	5.000E-01	5.000E-01	---	FIND
R017	Fraction of time spent outdoors (on site)	2.500E-01	2.500E-01	---	FOTD
R017	Shape factor flag, external gamma	1.000E+00	1.000E+00	>0 shows circular AREA.	FS

Site-Specific Parameter Summary (continued)

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R017	Radii of shape factor array (used if FS = -1):				
R017	Outer annular radius (m), ring 1:	not used	5.000E+01	---	RAD_SHAPE(1)
R017	Outer annular radius (m), ring 2:	not used	7.071E+01	---	RAD_SHAPE(2)
R017	Outer annular radius (m), ring 3:	not used	0.000E+00	---	RAD_SHAPE(3)
R017	Outer annular radius (m), ring 4:	not used	0.000E+00	---	RAD_SHAPE(4)
R017	Outer annular radius (m), ring 5:	not used	0.000E+00	---	RAD_SHAPE(5)
R017	Outer annular radius (m), ring 6:	not used	0.000E+00	---	RAD_SHAPE(6)
R017	Outer annular radius (m), ring 7:	not used	0.000E+00	---	RAD_SHAPE(7)
R017	Outer annular radius (m), ring 8:	not used	0.000E+00	---	RAD_SHAPE(8)
R017	Outer annular radius (m), ring 9:	not used	0.000E+00	---	RAD_SHAPE(9)
R017	Outer annular radius (m), ring 10:	not used	0.000E+00	---	RAD_SHAPE(10)
R017	Outer annular radius (m), ring 11:	not used	0.000E+00	---	RAD_SHAPE(11)
R017	Outer annular radius (m), ring 12:	not used	0.000E+00	---	RAD_SHAPE(12)
R017	Fractions of annular areas within AREA:				
R017	Ring 1	not used	1.000E+00	---	FRACA(1)
R017	Ring 2	not used	2.732E-01	---	FRACA(2)
R017	Ring 3	not used	0.000E+00	---	FRACA(3)
R017	Ring 4	not used	0.000E+00	---	FRACA(4)
R017	Ring 5	not used	0.000E+00	---	FRACA(5)
R017	Ring 6	not used	0.000E+00	---	FRACA(6)
R017	Ring 7	not used	0.000E+00	---	FRACA(7)
R017	Ring 8	not used	0.000E+00	---	FRACA(8)
R017	Ring 9	not used	0.000E+00	---	FRACA(9)
R017	Ring 10	not used	0.000E+00	---	FRACA(10)
R017	Ring 11	not used	0.000E+00	---	FRACA(11)
R017	Ring 12	not used	0.000E+00	---	FRACA(12)
R018	Fruits, vegetables and grain consumption (kg/yr)	1.600E+02	1.600E+02	---	DIET(1)
R018	Leafy vegetable consumption (kg/yr)	1.400E+01	1.400E+01	---	DIET(2)
R018	Milk consumption (L/yr)	not used	9.200E+01	---	DIET(3)
R018	Meat and poultry consumption (kg/yr)	not used	6.300E+01	---	DIET(4)
R018	Fish consumption (kg/yr)	not used	5.400E+00	---	DIET(5)
R018	Other seafood consumption (kg/yr)	not used	9.000E-01	---	DIET(6)
R018	Soil ingestion rate (g/yr)	4.380E+01	3.650E+01	---	SOIL
R018	Drinking water intake (L/yr)	7.000E+02	5.100E+02	---	DWI
R018	Contamination fraction of drinking water	1.000E+00	1.000E+00	---	FDW
R018	Contamination fraction of household water	not used	1.000E+00	---	FHHW
R018	Contamination fraction of livestock water	not used	1.000E+00	---	FLW
R018	Contamination fraction of irrigation water	1.000E+00	1.000E+00	---	FIRW
R018	Contamination fraction of aquatic food	not used	5.000E-01	---	FR9
R018	Contamination fraction of plant food	-1	-1	0.730E-01	FPLANT
R018	Contamination fraction of meat	not used	-1	---	FMEAT
R018	Contamination fraction of milk	not used	-1	---	FMILK
R019	Livestock fodder intake for meat (kg/day)	not used	6.800E+01	---	LFI5
R019	Livestock fodder intake for milk (kg/day)	not used	5.500E+01	---	LFI6
R019	Livestock water intake for meat (L/day)	not used	5.000E+01	---	LWI5
R019	Livestock water intake for milk (L/day)	not used	1.600E+02	---	LWI6
R019	Livestock soil intake (kg/day)	not used	5.000E-01	---	LSI

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Site-Specific Parameter Summary (continued)

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R019	Mass loading for foliar deposition (g/m**3)	1.000E-05	1.000E-04	---	MLFD
R019	Depth of soil mixing layer (m)	1.500E-01	1.500E-01	---	DM
R019	Depth of roots (m)	9.000E-01	9.000E-01	---	DROOT
R019	Drinking water fraction from ground water	1.000E+00	1.000E+00	---	FGWDW
R019	Household water fraction from ground water	not used	1.000E+00	---	FGWHH
R019	Livestock water fraction from ground water	not used	1.000E+00	---	FGWLW
R019	Irrigation fraction from ground water	1.000E+00	1.000E+00	---	FGWIR
R19B	Wet weight crop yield for Non-Leafy (kg/m**2)	7.000E-01	7.000E-01	---	YV(1)
R19B	Wet weight crop yield for Leafy (kg/m**2)	1.500E+00	1.500E+00	---	YV(2)
R19B	Wet weight crop yield for Fodder (kg/m**2)	not used	1.100E+00	---	YV(3)
R19B	Growing Season for Non-Leafy (years)	1.700E-01	1.700E-01	---	TE(1)
R19B	Growing Season for Leafy (years)	2.500E-01	2.500E-01	---	TE(2)
R19B	Growing Season for Fodder (years)	not used	8.000E-02	---	TE(3)
R19B	Translocation Factor for Non-Leafy	1.000E-01	1.000E-01	---	TIV(1)
R19B	Translocation Factor for Leafy	1.000E+00	1.000E+00	---	TIV(2)
R19B	Translocation Factor for Fodder	not used	1.000E+00	---	TIV(3)
R19B	Dry Foliar Interception Fraction for Non-Leafy	2.500E-01	2.500E-01	---	RDRY(1)
R19B	Dry Foliar Interception Fraction for Leafy	2.500E-01	2.500E-01	---	RDRY(2)
R19B	Dry Foliar Interception Fraction for Fodder	not used	2.500E-01	---	RDRY(3)
R19B	Wet Foliar Interception Fraction for Non-Leafy	2.500E-01	2.500E-01	---	RWET(1)
R19B	Wet Foliar Interception Fraction for Leafy	2.500E-01	2.500E-01	---	RWET(2)
R19B	Wet Foliar Interception Fraction for Fodder	not used	2.500E-01	---	RWET(3)
R19B	Weathering Removal Constant for Vegetation	2.000E+01	2.000E+01	---	WLAM
C14	C-12 concentration in water (g/cm**3)	2.000E-05	2.000E-05	---	C12WTR
C14	C-12 concentration in contaminated soil (g/g)	3.000E-02	3.000E-02	---	C12CZ
C14	Fraction of vegetation carbon from soil	2.000E-02	2.000E-02	---	CSOIL
C14	Fraction of vegetation carbon from air	9.800E-01	9.800E-01	---	CAIR
C14	C-14 evasion layer thickness in soil (m)	3.000E-01	3.000E-01	---	DMC
C14	C-14 evasion flux rate from soil (1/sec)	7.000E-07	7.000E-07	---	EVSN
C14	C-12 evasion flux rate from soil (1/sec)	1.000E-10	1.000E-10	---	REVSN
C14	Fraction of grain in beef cattle feed	8.000E-01	8.000E-01	---	AVFG4
C14	Fraction of grain in milk cow feed	2.000E-01	2.000E-01	---	AVFG5
STOR	Storage times of contaminated foodstuffs (days):				
STOR	Fruits, non-leafy vegetables, and grain	1.400E+01	1.400E+01	---	STOR_T(1)
STOR	Leafy vegetables	1.000E+00	1.000E+00	---	STOR_T(2)
STOR	Milk	1.000E+00	1.000E+00	---	STOR_T(3)
STOR	Meat and poultry	2.000E+01	2.000E+01	---	STOR_T(4)
STOR	Fish	7.000E+00	7.000E+00	---	STOR_T(5)
STOR	Crustacea and mollusks	7.000E+00	7.000E+00	---	STOR_T(6)
STOR	Well water	1.000E+00	1.000E+00	---	STOR_T(7)
STOR	Surface water	1.000E+00	1.000E+00	---	STOR_T(8)
STOR	Livestock fodder	4.500E+01	4.500E+01	---	STOR_T(9)
R021	Thickness of building foundation (m)	not used	1.500E-01	---	FLOOR1
R021	Bulk density of building foundation (g/cm**3)	not used	2.400E+00	---	DENSFL
R021	Total porosity of the cover material	not used	4.000E-01	---	TPCV
R021	Total porosity of the building foundation	not used	1.000E-01	---	TPFL

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Site-Specific Parameter Summary (continued)

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R021	Volumetric water content of the cover material	not used	5.000E-02	---	PH2OCV
R021	Volumetric water content of the foundation	not used	3.000E-02	---	PH2OFL
R021	Diffusion coefficient for radon gas (m/sec):				
R021	in cover material	not used	2.000E-06	---	DIFCV
R021	in foundation material	not used	3.000E-07	---	DIFFL
R021	in contaminated zone soil	not used	2.000E-06	---	DIFCZ
R021	Radon vertical dimension of mixing (m)	not used	2.000E+00	---	HMIX
R021	Average building air exchange rate (1/hr)	not used	5.000E-01	---	REXG
R021	Height of the building (room) (m)	not used	2.500E+00	---	HRM
R021	Building interior area factor	not used	0.000E+00	---	FAI
R021	Building depth below ground surface (m)	not used	-1.000E+00	---	DMFL
R021	Emanating power of Rn-222 gas	not used	2.500E-01	---	EMANA(1)
R021	Emanating power of Rn-220 gas	not used	1.500E-01	---	EMANA(2)
TITL	Number of graphical time points	32	---	---	NPTS
TITL	Maximum number of integration points for dose	17	---	---	LYMAX
TITL	Maximum number of integration points for risk	257	---	---	KYMAX

Summary of Pathway Selections

Pathway	User Selection
1 -- external gamma	active
2 -- inhalation (w/o radon)	active
3 -- plant ingestion	active
4 -- meat ingestion	suppressed
5 -- milk ingestion	suppressed
6 -- aquatic foods	suppressed
7 -- drinking water	active
8 -- soil ingestion	active
9 -- radon	suppressed
Find peak pathway doses	suppressed

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Contaminated Zone Dimensions		Initial Soil Concentrations, pCi/g	
Area:	146.00 square meters	Ac-227	8.000E-04
Thickness:	5.00 meters	C-14	1.160E+00
Cover Depth:	0.00 meters	Cs-137	4.050E+00
		Eu-154	8.010E-02
		H-3	4.120E+01
		Ni-63	1.010E+00
		Pa-231	8.000E-04
		Pb-210	2.720E-01
		Ra-226	2.720E-01
		Sr-90	7.520E+00
		Th-230	5.900E-02
		U-234	5.900E-02
		U-235	8.000E-04
		U-238	5.900E-02

Total Dose TDOSE(t), mrem/yr
Basic Radiation Dose Limit = 2.500E+01 mrem/yr
Total Mixture Sum M(t) = Fraction of Basic Dose Limit Received at Time (t)

t (years):	0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
TDOSE(t):	1.431E+01	1.392E+01	1.279E+01	1.151E+01	5.453E+00	2.869E+00	1.045E+00	5.405E-01
M(t):	5.725E-01	5.568E-01	5.117E-01	4.603E-01	2.181E-01	1.148E-01	4.181E-02	2.162E-02

Maximum TDOSE(t): 1.431E+01 mrem/yr at t = 0.000E+00 years

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Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 0.000E+00 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	8.562E-04	0.0001	7.024E-05	0.0000	0.000E+00	0.0000	3.693E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.577E-05	0.0000
C-14	3.885E-06	0.0000	1.136E-05	0.0000	0.000E+00	0.0000	1.371E-02	0.0010	0.000E+00	0.0000	0.000E+00	0.0000	5.228E-06	0.0000
Cs-137	7.193E+00	0.5025	1.698E-06	0.0000	0.000E+00	0.0000	1.017E-01	0.0071	0.000E+00	0.0000	0.000E+00	0.0000	9.600E-04	0.0001
Eu-154	3.128E-01	0.0219	2.928E-07	0.0000	0.000E+00	0.0000	2.336E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.528E-06	0.0000
H-3	0.000E+00	0.0000	8.011E-04	0.0001	0.000E+00	0.0000	1.159E-01	0.0081	0.000E+00	0.0000	0.000E+00	0.0000	7.690E-06	0.0000
Ni-63	0.000E+00	0.0000	8.415E-08	0.0000	0.000E+00	0.0000	3.688E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.785E-06	0.0000
Pa-231	9.591E-05	0.0000	1.473E-05	0.0000	0.000E+00	0.0000	1.083E-03	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	4.153E-05	0.0000
Pb-210	8.915E-04	0.0001	8.255E-05	0.0000	0.000E+00	0.0000	2.474E-01	0.0173	0.000E+00	0.0000	0.000E+00	0.0000	9.343E-03	0.0007
Ra-226	1.609E+00	0.1124	3.234E-05	0.0000	0.000E+00	0.0000	1.870E-01	0.0131	0.000E+00	0.0000	0.000E+00	0.0000	1.868E-03	0.0001
Sr-90	9.645E-02	0.0067	1.290E-04	0.0000	0.000E+00	0.0000	4.320E+00	0.3018	0.000E+00	0.0000	0.000E+00	0.0000	5.436E-03	0.0004
Th-230	1.151E-04	0.0000	2.557E-04	0.0000	0.000E+00	0.0000	4.189E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.552E-04	0.0000
U-234	1.333E-05	0.0000	1.034E-04	0.0000	0.000E+00	0.0000	5.298E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.002E-05	0.0000
U-235	3.340E-04	0.0000	1.307E-06	0.0000	0.000E+00	0.0000	6.798E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.025E-06	0.0000
U-238	4.767E-03	0.0003	9.250E-05	0.0000	0.000E+00	0.0000	5.031E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.597E-05	0.0000
Total	9.218E+00	0.6440	1.596E-03	0.0001	0.000E+00	0.0000	4.989E+00	0.3485	0.000E+00	0.0000	0.000E+00	0.0000	1.804E-02	0.0013

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 0.000E+00 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	2.952E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.984E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.650E-03	0.0001
C-14	2.418E-02	0.0017	0.000E+00	0.0000	0.000E+00	0.0000	8.281E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.800E-02	0.0027
Cs-137	3.418E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.607E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.296E+00	0.5097
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.128E-01	0.0219
H-3	3.506E-02	0.0024	0.000E+00	0.0000	0.000E+00	0.0000	7.046E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.524E-01	0.0107
Ni-63	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.716E-04	0.0000
Pa-231	3.732E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.759E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.273E-03	0.0001
Pb-210	1.704E-03	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	1.710E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.595E-01	0.0181
Ra-226	7.310E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	7.436E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.798E+00	0.1256
Sr-90	2.376E-02	0.0017	0.000E+00	0.0000	0.000E+00	0.0000	2.585E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.446E+00	0.3106
Th-230	1.971E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.932E-10	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.449E-04	0.0001
U-234	6.493E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.545E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.922E-04	0.0001
U-235	8.323E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.389E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.439E-04	0.0000
U-238	6.165E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.214E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.501E-03	0.0004
Total	8.589E-02	0.0060	0.000E+00	0.0000	0.000E+00	0.0000	1.075E-03	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	1.431E+01	1.0000

*Sum of all water independent and dependent pathways.

Summary : HFBR SU 7A_Bias 1_Residential_Avg Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\SU 7A_BIAS 1_RESIDENTIAL_BKGD SUBTRACT.RAD

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+00 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	8.260E-04	0.0001	6.777E-05	0.0000	0.000E+00	0.0000	3.563E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.381E-05	0.0000
C-14	5.884E-07	0.0000	1.720E-06	0.0000	0.000E+00	0.0000	2.118E-03	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	7.917E-07	0.0000
Cs-137	7.028E+00	0.5049	1.659E-06	0.0000	0.000E+00	0.0000	9.936E-02	0.0071	0.000E+00	0.0000	0.000E+00	0.0000	9.379E-04	0.0001
Eu-154	2.891E-01	0.0208	2.706E-07	0.0000	0.000E+00	0.0000	2.159E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.260E-06	0.0000
H-3	0.000E+00	0.0000	2.683E-04	0.0000	0.000E+00	0.0000	3.913E-02	0.0028	0.000E+00	0.0000	0.000E+00	0.0000	2.576E-06	0.0000
Ni-63	0.000E+00	0.0000	8.353E-08	0.0000	0.000E+00	0.0000	3.661E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.765E-06	0.0000
Pa-231	1.225E-04	0.0000	1.690E-05	0.0000	0.000E+00	0.0000	1.093E-03	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	4.320E-05	0.0000
Pb-210	8.635E-04	0.0001	7.996E-05	0.0000	0.000E+00	0.0000	2.397E-01	0.0172	0.000E+00	0.0000	0.000E+00	0.0000	9.049E-03	0.0007
Ra-226	1.606E+00	0.1154	3.481E-05	0.0000	0.000E+00	0.0000	1.944E-01	0.0140	0.000E+00	0.0000	0.000E+00	0.0000	2.150E-03	0.0002
Sr-90	9.384E-02	0.0067	1.255E-04	0.0000	0.000E+00	0.0000	4.203E+00	0.3019	0.000E+00	0.0000	0.000E+00	0.0000	5.289E-03	0.0004
Th-230	2.662E-04	0.0000	2.557E-04	0.0000	0.000E+00	0.0000	4.367E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.553E-04	0.0000
U-234	1.331E-05	0.0000	1.033E-04	0.0000	0.000E+00	0.0000	5.290E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.989E-05	0.0000
U-235	3.334E-04	0.0000	1.305E-06	0.0000	0.000E+00	0.0000	6.810E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.025E-06	0.0000
U-238	4.759E-03	0.0003	9.235E-05	0.0000	0.000E+00	0.0000	5.023E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.585E-05	0.0000
Total	9.024E+00	0.6483	1.050E-03	0.0001	0.000E+00	0.0000	4.781E+00	0.3434	0.000E+00	0.0000	0.000E+00	0.0000	1.784E-02	0.0013

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+00 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	8.619E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	8.991E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.175E-03	0.0002
C-14	4.127E-03	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	1.428E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.262E-03	0.0004
Cs-137	1.019E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.151E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.128E+00	0.5121
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.891E-01	0.0208
H-3	1.282E-02	0.0009	0.000E+00	0.0000	0.000E+00	0.0000	2.585E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.248E-02	0.0038
Ni-63	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.689E-04	0.0000
Pa-231	1.292E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.344E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.406E-03	0.0001
Pb-210	4.988E-03	0.0004	0.000E+00	0.0000	0.000E+00	0.0000	5.196E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.547E-01	0.0183
Ra-226	2.375E-03	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	2.499E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.805E+00	0.1297
Sr-90	6.987E-02	0.0050	0.000E+00	0.0000	0.000E+00	0.0000	7.852E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	4.373E+00	0.3141
Th-230	1.462E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.510E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.114E-03	0.0001
U-234	1.953E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.035E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.227E-04	0.0001
U-235	2.505E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.610E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.451E-04	0.0000
U-238	1.854E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.932E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.617E-03	0.0004
Total	9.556E-02	0.0069	0.000E+00	0.0000	0.000E+00	0.0000	1.149E-03	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	1.392E+01	1.0000

*Sum of all water independent and dependent pathways.

Summary : HFBR SU 7A_Bias 1_Residential_Avg Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\SU 7A_BIAS 1_RESIDENTIAL_BKGD SUBTRACT.RAD

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+00 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	7.157E-04	0.0001	5.871E-05	0.0000	0.000E+00	0.0000	3.087E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.662E-05	0.0000
C-14	3.078E-10	0.0000	8.998E-10	0.0000	0.000E+00	0.0000	1.108E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.142E-10	0.0000
Cs-137	6.403E+00	0.5006	1.511E-06	0.0000	0.000E+00	0.0000	9.053E-02	0.0071	0.000E+00	0.0000	0.000E+00	0.0000	8.546E-04	0.0001
Eu-154	2.109E-01	0.0165	1.974E-07	0.0000	0.000E+00	0.0000	1.575E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.378E-06	0.0000
H-3	0.000E+00	0.0000	3.371E-06	0.0000	0.000E+00	0.0000	4.916E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.236E-08	0.0000
Ni-63	0.000E+00	0.0000	8.113E-08	0.0000	0.000E+00	0.0000	3.556E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.685E-06	0.0000
Pa-231	2.194E-04	0.0000	2.480E-05	0.0000	0.000E+00	0.0000	1.128E-03	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	4.928E-05	0.0000
Pb-210	7.601E-04	0.0001	7.038E-05	0.0000	0.000E+00	0.0000	2.110E-01	0.0165	0.000E+00	0.0000	0.000E+00	0.0000	7.966E-03	0.0006
Ra-226	1.596E+00	0.1248	4.390E-05	0.0000	0.000E+00	0.0000	2.210E-01	0.0173	0.000E+00	0.0000	0.000E+00	0.0000	3.190E-03	0.0002
Sr-90	8.408E-02	0.0066	1.125E-04	0.0000	0.000E+00	0.0000	3.765E+00	0.2944	0.000E+00	0.0000	0.000E+00	0.0000	4.739E-03	0.0004
Th-230	8.680E-04	0.0001	2.557E-04	0.0000	0.000E+00	0.0000	5.149E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.563E-04	0.0000
U-234	1.324E-05	0.0000	1.026E-04	0.0000	0.000E+00	0.0000	5.256E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.938E-05	0.0000
U-235	3.313E-04	0.0000	1.299E-06	0.0000	0.000E+00	0.0000	6.860E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.022E-06	0.0000
U-238	4.728E-03	0.0004	9.176E-05	0.0000	0.000E+00	0.0000	4.990E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.537E-05	0.0000
Total	8.302E+00	0.6490	7.668E-04	0.0001	0.000E+00	0.0000	4.292E+00	0.3355	0.000E+00	0.0000	0.000E+00	0.0000	1.716E-02	0.0013

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+00 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	1.585E-03	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	1.687E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.732E-03	0.0002
C-14	2.162E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.482E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.279E-06	0.0000
Cs-137	3.531E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.382E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.495E+00	0.5077
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.109E-01	0.0165
H-3	1.611E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.249E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.593E-04	0.0001
Ni-63	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.583E-04	0.0000
Pa-231	6.503E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	6.887E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.079E-03	0.0002
Pb-210	1.617E-02	0.0013	0.000E+00	0.0000	0.000E+00	0.0000	1.713E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.361E-01	0.0185
Ra-226	1.138E-02	0.0009	0.000E+00	0.0000	0.000E+00	0.0000	1.214E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.832E+00	0.1432
Sr-90	1.466E-01	0.0115	0.000E+00	0.0000	0.000E+00	0.0000	1.681E-03	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	4.003E+00	0.3129
Th-230	2.334E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.478E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.797E-03	0.0001
U-234	7.147E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	7.560E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.443E-03	0.0001
U-235	9.214E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.747E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.498E-04	0.0000
U-238	6.786E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	7.178E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.080E-03	0.0005
Total	1.780E-01	0.0139	0.000E+00	0.0000	0.000E+00	0.0000	2.015E-03	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	1.279E+01	1.0000

*Sum of all water independent and dependent pathways.

Summary : HFBR SU 7A_Bias 1_Residential_Avg Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\SU 7A_BIAS 1_RESIDENTIAL_BKGD SUBTRACT.RAD

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+01 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	5.982E-04	0.0001	4.908E-05	0.0000	0.000E+00	0.0000	2.580E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.897E-05	0.0000
C-14	2.407E-14	0.0000	7.034E-14	0.0000	0.000E+00	0.0000	8.664E-11	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.238E-14	0.0000
Cs-137	5.700E+00	0.4953	1.345E-06	0.0000	0.000E+00	0.0000	8.060E-02	0.0070	0.000E+00	0.0000	0.000E+00	0.0000	7.608E-04	0.0001
Eu-154	1.422E-01	0.0124	1.331E-07	0.0000	0.000E+00	0.0000	1.062E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.603E-06	0.0000
H-3	0.000E+00	0.0000	1.411E-08	0.0000	0.000E+00	0.0000	2.058E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.355E-10	0.0000
Ni-63	0.000E+00	0.0000	7.822E-08	0.0000	0.000E+00	0.0000	3.428E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.589E-06	0.0000
Pa-231	3.214E-04	0.0000	3.312E-05	0.0000	0.000E+00	0.0000	1.164E-03	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	5.565E-05	0.0000
Pb-210	6.480E-04	0.0001	6.001E-05	0.0000	0.000E+00	0.0000	1.799E-01	0.0156	0.000E+00	0.0000	0.000E+00	0.0000	6.792E-03	0.0006
Ra-226	1.584E+00	0.1376	5.362E-05	0.0000	0.000E+00	0.0000	2.495E-01	0.0217	0.000E+00	0.0000	0.000E+00	0.0000	4.304E-03	0.0004
Sr-90	7.329E-02	0.0064	9.804E-05	0.0000	0.000E+00	0.0000	3.282E+00	0.2852	0.000E+00	0.0000	0.000E+00	0.0000	4.131E-03	0.0004
Th-230	1.615E-03	0.0001	2.557E-04	0.0000	0.000E+00	0.0000	6.256E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	1.581E-04	0.0000
U-234	1.319E-05	0.0000	1.018E-04	0.0000	0.000E+00	0.0000	5.214E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.875E-05	0.0000
U-235	3.287E-04	0.0000	1.291E-06	0.0000	0.000E+00	0.0000	6.925E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.019E-06	0.0000
U-238	4.690E-03	0.0004	9.102E-05	0.0000	0.000E+00	0.0000	4.950E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.476E-05	0.0000
Total	7.508E+00	0.6523	7.453E-04	0.0001	0.000E+00	0.0000	3.796E+00	0.3298	0.000E+00	0.0000	0.000E+00	0.0000	1.640E-02	0.0014

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+01 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	1.325E-03	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	1.409E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.283E-03	0.0002
C-14	1.693E-10	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.858E-13	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.566E-10	0.0000
Cs-137	6.037E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.118E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.782E+00	0.5024
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.422E-01	0.0124
H-3	6.747E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.361E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.761E-06	0.0000
Ni-63	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.455E-04	0.0000
Pa-231	1.079E-03	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	1.148E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.664E-03	0.0002
Pb-210	2.639E-02	0.0023	0.000E+00	0.0000	0.000E+00	0.0000	2.803E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.140E-01	0.0186
Ra-226	2.731E-02	0.0024	0.000E+00	0.0000	0.000E+00	0.0000	2.916E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.865E+00	0.1621
Sr-90	1.278E-01	0.0111	0.000E+00	0.0000	0.000E+00	0.0000	1.465E-03	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	3.489E+00	0.3032
Th-230	1.027E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.095E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.665E-03	0.0002
U-234	1.076E-03	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	1.145E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.803E-03	0.0002
U-235	1.397E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.486E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.520E-04	0.0000
U-238	1.022E-03	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	1.087E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.384E-03	0.0006
Total	1.860E-01	0.0162	0.000E+00	0.0000	0.000E+00	0.0000	2.085E-03	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	1.151E+01	1.0000

*Sum of all water independent and dependent pathways.

Summary : HFBR SU 7A_Bias 1_Residential_Avg Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\SU 7A_BIAS 1_RESIDENTIAL_BKGD SUBTRACT.RAD

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+01 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	1.426E-04	0.0000	1.170E-05	0.0000	0.000E+00	0.0000	6.150E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.287E-06	0.0000
C-14	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Cs-137	2.248E+00	0.4123	5.307E-07	0.0000	0.000E+00	0.0000	3.179E-02	0.0058	0.000E+00	0.0000	0.000E+00	0.0000	3.001E-04	0.0001
Eu-154	6.064E-03	0.0011	5.677E-09	0.0000	0.000E+00	0.0000	4.528E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.839E-08	0.0000
H-3	0.000E+00	0.0000	1.121E-27	0.0000	0.000E+00	0.0000	1.636E-25	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Ni-63	0.000E+00	0.0000	5.841E-08	0.0000	0.000E+00	0.0000	2.560E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.933E-06	0.0000
Pa-231	6.898E-04	0.0001	6.291E-05	0.0000	0.000E+00	0.0000	1.258E-03	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	7.744E-05	0.0000
Pb-210	1.810E-04	0.0000	1.676E-05	0.0000	0.000E+00	0.0000	5.023E-02	0.0092	0.000E+00	0.0000	0.000E+00	0.0000	1.897E-03	0.0003
Ra-226	1.487E+00	0.2726	9.090E-05	0.0000	0.000E+00	0.0000	3.557E-01	0.0652	0.000E+00	0.0000	0.000E+00	0.0000	8.632E-03	0.0016
Sr-90	2.444E-02	0.0045	3.269E-05	0.0000	0.000E+00	0.0000	1.094E+00	0.2007	0.000E+00	0.0000	0.000E+00	0.0000	1.377E-03	0.0003
Th-230	7.382E-03	0.0014	2.559E-04	0.0000	0.000E+00	0.0000	1.814E-03	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	1.843E-04	0.0000
U-234	1.395E-05	0.0000	9.552E-05	0.0000	0.000E+00	0.0000	4.891E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	7.387E-05	0.0000
U-235	3.086E-04	0.0001	1.253E-06	0.0000	0.000E+00	0.0000	7.502E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.013E-06	0.0000
U-238	4.397E-03	0.0008	8.534E-05	0.0000	0.000E+00	0.0000	4.641E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	7.009E-05	0.0000
Total	3.779E+00	0.6929	6.536E-04	0.0001	0.000E+00	0.0000	1.537E+00	0.2818	0.000E+00	0.0000	0.000E+00	0.0000	1.262E-02	0.0023

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+01 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	3.151E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	3.353E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.435E-04	0.0001
C-14	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Cs-137	1.157E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.228E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.281E+00	0.4182
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.064E-03	0.0011
H-3	5.372E-26	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.084E-27	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.195E-25	0.0000
Ni-63	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.580E-04	0.0000
Pa-231	1.868E-03	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	1.988E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.976E-03	0.0007
Pb-210	1.298E-02	0.0024	0.000E+00	0.0000	0.000E+00	0.0000	1.384E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.544E-02	0.0120
Ra-226	6.364E-02	0.0117	0.000E+00	0.0000	0.000E+00	0.0000	6.798E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	1.915E+00	0.3512
Sr-90	4.252E-02	0.0078	0.000E+00	0.0000	0.000E+00	0.0000	4.874E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	1.163E+00	0.2133
Th-230	1.888E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.018E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.827E-03	0.0018
U-234	1.007E-03	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	1.071E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.690E-03	0.0003
U-235	1.437E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.529E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.329E-04	0.0001
U-238	9.565E-04	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	1.018E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.983E-03	0.0011
Total	1.235E-01	0.0226	0.000E+00	0.0000	0.000E+00	0.0000	1.352E-03	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	5.453E+00	1.0000

*Sum of all water independent and dependent pathways.

Summary : HFBR SU 7A_Bias 1_Residential_Avg Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\SU 7A_BIAS 1_RESIDENTIAL_BKGD SUBTRACT.RAD

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+02 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	2.374E-05	0.0000	1.948E-06	0.0000	0.000E+00	0.0000	1.024E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.546E-06	0.0000
C-14	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Cs-137	7.028E-01	0.2450	1.659E-07	0.0000	0.000E+00	0.0000	9.937E-03	0.0035	0.000E+00	0.0000	0.000E+00	0.0000	9.380E-05	0.0000
Eu-154	1.175E-04	0.0000	1.100E-10	0.0000	0.000E+00	0.0000	8.778E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.326E-09	0.0000
H-3	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Ni-63	0.000E+00	0.0000	4.055E-08	0.0000	0.000E+00	0.0000	1.777E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	1.342E-06	0.0000
Pa-231	7.357E-04	0.0003	6.618E-05	0.0000	0.000E+00	0.0000	1.202E-03	0.0004	0.000E+00	0.0000	0.000E+00	0.0000	7.789E-05	0.0000
Pb-210	3.674E-05	0.0000	3.402E-06	0.0000	0.000E+00	0.0000	1.020E-02	0.0036	0.000E+00	0.0000	0.000E+00	0.0000	3.850E-04	0.0001
Ra-226	1.373E+00	0.4787	9.635E-05	0.0000	0.000E+00	0.0000	3.657E-01	0.1275	0.000E+00	0.0000	0.000E+00	0.0000	9.375E-03	0.0033
Sr-90	6.192E-03	0.0022	8.283E-06	0.0000	0.000E+00	0.0000	2.773E-01	0.0967	0.000E+00	0.0000	0.000E+00	0.0000	3.490E-04	0.0001
Th-230	1.409E-02	0.0049	2.562E-04	0.0001	0.000E+00	0.0000	3.531E-03	0.0012	0.000E+00	0.0000	0.000E+00	0.0000	2.274E-04	0.0001
U-234	1.755E-05	0.0000	8.822E-05	0.0000	0.000E+00	0.0000	4.523E-04	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	6.823E-05	0.0000
U-235	2.854E-04	0.0001	1.223E-06	0.0000	0.000E+00	0.0000	8.176E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.014E-06	0.0000
U-238	4.056E-03	0.0014	7.874E-05	0.0000	0.000E+00	0.0000	4.282E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	6.467E-05	0.0000
Total	2.102E+00	0.7326	6.008E-04	0.0002	0.000E+00	0.0000	6.690E-01	0.2332	0.000E+00	0.0000	0.000E+00	0.0000	1.064E-02	0.0037

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+02 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	5.235E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.569E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.038E-05	0.0000
C-14	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Cs-137	7.254E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.746E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.129E-01	0.2485
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.176E-04	0.0000
H-3	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Ni-63	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.791E-04	0.0001
Pa-231	1.938E-03	0.0007	0.000E+00	0.0000	0.000E+00	0.0000	2.062E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.041E-03	0.0014
Pb-210	2.632E-03	0.0009	0.000E+00	0.0000	0.000E+00	0.0000	2.806E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.328E-02	0.0046
Ra-226	6.829E-02	0.0238	0.000E+00	0.0000	0.000E+00	0.0000	7.293E-04	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	1.818E+00	0.6336
Sr-90	1.075E-02	0.0037	0.000E+00	0.0000	0.000E+00	0.0000	1.232E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.947E-01	0.1027
Th-230	4.771E-04	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	5.096E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.859E-02	0.0065
U-234	9.273E-04	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	9.864E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.563E-03	0.0005
U-235	1.520E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.617E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.112E-04	0.0001
U-238	8.808E-04	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	9.370E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.518E-03	0.0019
Total	8.597E-02	0.0300	0.000E+00	0.0000	0.000E+00	0.0000	9.263E-04	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	2.869E+00	1.0000

*Sum of all water independent and dependent pathways.

Summary : HFBR SU 7A_Bias 1_Residential_Avg Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\SU 7A_BIAS 1_RESIDENTIAL_BKGD SUBTRACT.RAD

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+02 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	1.403E-11	0.0000	1.151E-12	0.0000	0.000E+00	0.0000	6.054E-12	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.142E-13	0.0000
C-14	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Cs-137	6.406E-05	0.0001	1.512E-11	0.0000	0.000E+00	0.0000	9.057E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.550E-09	0.0000
Eu-154	2.344E-18	0.0000	2.195E-24	0.0000	0.000E+00	0.0000	1.751E-22	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.644E-23	0.0000
H-3	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Ni-63	0.000E+00	0.0000	2.186E-09	0.0000	0.000E+00	0.0000	9.579E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.234E-08	0.0000
Pa-231	3.940E-04	0.0004	3.535E-05	0.0000	0.000E+00	0.0000	6.300E-04	0.0006	0.000E+00	0.0000	0.000E+00	0.0000	4.124E-05	0.0000
Pb-210	1.059E-10	0.0000	9.810E-12	0.0000	0.000E+00	0.0000	2.940E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.110E-09	0.0000
Ra-226	7.280E-01	0.6964	5.292E-05	0.0001	0.000E+00	0.0000	1.994E-01	0.1908	0.000E+00	0.0000	0.000E+00	0.0000	5.178E-03	0.0050
Sr-90	1.052E-07	0.0000	1.407E-10	0.0000	0.000E+00	0.0000	4.710E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.927E-09	0.0000
Th-230	5.217E-02	0.0499	2.579E-04	0.0002	0.000E+00	0.0000	1.393E-02	0.0133	0.000E+00	0.0000	0.000E+00	0.0000	4.965E-04	0.0005
U-234	1.077E-04	0.0001	4.689E-05	0.0000	0.000E+00	0.0000	2.629E-04	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	3.677E-05	0.0000
U-235	1.530E-04	0.0001	9.412E-07	0.0000	0.000E+00	0.0000	9.639E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.818E-07	0.0000
U-238	2.127E-03	0.0020	4.134E-05	0.0000	0.000E+00	0.0000	2.248E-04	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	3.395E-05	0.0000
Total	7.830E-01	0.7491	4.353E-04	0.0004	0.000E+00	0.0000	2.145E-01	0.2052	0.000E+00	0.0000	0.000E+00	0.0000	5.788E-03	0.0055

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+02 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	3.022E-11	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.215E-13	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.269E-11	0.0000
C-14	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Cs-137	3.490E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.745E-11	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.498E-05	0.0001
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.344E-18	0.0000
H-3	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Ni-63	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.654E-06	0.0000
Pa-231	1.011E-03	0.0010	0.000E+00	0.0000	0.000E+00	0.0000	1.075E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.122E-03	0.0020
Pb-210	7.510E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.004E-11	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.822E-08	0.0000
Ra-226	3.709E-02	0.0355	0.000E+00	0.0000	0.000E+00	0.0000	3.960E-04	0.0004	0.000E+00	0.0000	0.000E+00	0.0000	9.701E-01	0.9281
Sr-90	1.783E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.044E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.002E-06	0.0000
Th-230	2.102E-03	0.0020	0.000E+00	0.0000	0.000E+00	0.0000	2.245E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.897E-02	0.0660
U-234	4.811E-04	0.0005	0.000E+00	0.0000	0.000E+00	0.0000	5.118E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.405E-04	0.0009
U-235	1.639E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.744E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.810E-04	0.0002
U-238	4.538E-04	0.0004	0.000E+00	0.0000	0.000E+00	0.0000	4.827E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.886E-03	0.0028
Total	4.115E-02	0.0394	0.000E+00	0.0000	0.000E+00	0.0000	4.394E-04	0.0004	0.000E+00	0.0000	0.000E+00	0.0000	1.045E+00	1.0000

*Sum of all water independent and dependent pathways.

Summary : HFBR SU 7A_Bias 1_Residential_Avg Bkgd Subtract
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Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+03 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	2.301E-19	0.0000	1.887E-20	0.0000	0.000E+00	0.0000	9.924E-20	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.499E-20	0.0000
C-14	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Cs-137	5.705E-10	0.0000	1.347E-16	0.0000	0.000E+00	0.0000	8.066E-12	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.614E-14	0.0000
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
H-3	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Ni-63	0.000E+00	0.0000	5.677E-11	0.0000	0.000E+00	0.0000	2.488E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.879E-09	0.0000
Pa-231	1.740E-04	0.0003	1.561E-05	0.0000	0.000E+00	0.0000	2.782E-04	0.0005	0.000E+00	0.0000	0.000E+00	0.0000	1.821E-05	0.0000
Pb-210	1.259E-17	0.0000	1.166E-18	0.0000	0.000E+00	0.0000	3.494E-15	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.319E-16	0.0000
Ra-226	3.292E-01	0.6091	2.393E-05	0.0000	0.000E+00	0.0000	9.018E-02	0.1668	0.000E+00	0.0000	0.000E+00	0.0000	2.342E-03	0.0043
Sr-90	1.147E-13	0.0000	1.534E-16	0.0000	0.000E+00	0.0000	5.136E-12	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.463E-15	0.0000
Th-230	7.544E-02	0.1396	2.583E-04	0.0005	0.000E+00	0.0000	2.031E-02	0.0376	0.000E+00	0.0000	0.000E+00	0.0000	6.614E-04	0.0012
U-234	2.544E-04	0.0005	2.169E-05	0.0000	0.000E+00	0.0000	1.726E-04	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	1.824E-05	0.0000
U-235	7.011E-05	0.0001	5.860E-07	0.0000	0.000E+00	0.0000	7.259E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.871E-07	0.0000
U-238	9.492E-04	0.0018	1.848E-05	0.0000	0.000E+00	0.0000	1.005E-04	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	1.517E-05	0.0000
Total	4.061E-01	0.7513	3.386E-04	0.0006	0.000E+00	0.0000	1.110E-01	0.2054	0.000E+00	0.0000	0.000E+00	0.0000	3.056E-03	0.0057

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+03 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	4.759E-19	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.063E-21	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.441E-19	0.0000
C-14	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Cs-137	6.679E-14	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.170E-16	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.787E-10	0.0000
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
H-3	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Ni-63	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.508E-07	0.0000
Pa-231	4.310E-04	0.0008	0.000E+00	0.0000	0.000E+00	0.0000	4.585E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.215E-04	0.0017
Pb-210	8.742E-16	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.317E-18	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.524E-15	0.0000
Ra-226	1.613E-02	0.0298	0.000E+00	0.0000	0.000E+00	0.0000	1.723E-04	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	4.381E-01	0.8105
Sr-90	1.869E-13	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.142E-15	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.446E-12	0.0000
Th-230	2.783E-03	0.0051	0.000E+00	0.0000	0.000E+00	0.0000	2.972E-05	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	9.948E-02	0.1840
U-234	2.171E-04	0.0004	0.000E+00	0.0000	0.000E+00	0.0000	2.310E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.864E-04	0.0013
U-235	1.165E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.240E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.032E-05	0.0002
U-238	1.963E-04	0.0004	0.000E+00	0.0000	0.000E+00	0.0000	2.088E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.282E-03	0.0024
Total	1.977E-02	0.0366	0.000E+00	0.0000	0.000E+00	0.0000	2.111E-04	0.0004	0.000E+00	0.0000	0.000E+00	0.0000	5.405E-01	1.0000

*Sum of all water independent and dependent pathways.

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Dose/Source Ratios Summed Over All Pathways
Parent and Progeny Principal Radionuclide Contributions Indicated

Parent (i)	Product (j)	Thread Fraction	DSR(j,t) At Time in Years (mrem/yr)/(pCi/g) 0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
Ac-227+D	Ac-227+D	1.000E+00	2.062E+00	2.718E+00	3.415E+00	2.854E+00	6.794E-01	1.130E-01	6.587E-08	1.055E-15
C-14	C-14	1.000E+00	3.276E-02	5.398E-03	2.827E-06	2.212E-10	1.920E-43	0.000E+00	0.000E+00	0.000E+00
Cs-137+D	Cs-137+D	1.000E+00	1.801E+00	1.760E+00	1.604E+00	1.428E+00	5.631E-01	1.760E-01	1.604E-05	1.429E-10
Eu-154	Eu-154	1.000E+00	3.905E+00	3.609E+00	2.633E+00	1.775E+00	7.571E-02	1.468E-03	2.927E-17	2.193E-34
H-3	H-3	1.000E+00	3.700E-03	1.274E-03	1.600E-05	6.702E-08	5.328E-27	0.000E+00	0.000E+00	0.000E+00
Ni-63	Ni-63	1.000E+00	3.680E-04	3.653E-04	3.548E-04	3.421E-04	2.554E-04	1.773E-04	9.558E-06	2.483E-07
Pa-231	Pa-231	1.000E+00	1.558E+00	1.639E+00	1.962E+00	2.182E+00	2.043E+00	1.881E+00	9.722E-01	4.249E-01
Pa-231	Ac-227+D	1.000E+00	3.388E-02	1.193E-01	6.365E-01	1.149E+00	2.928E+00	3.170E+00	1.681E+00	7.269E-01
Pa-231	∑DSR(j)		1.591E+00	1.758E+00	2.599E+00	3.331E+00	4.970E+00	5.051E+00	2.653E+00	1.152E+00
Pb-210+D	Pb-210+D	1.000E+00	9.539E-01	9.364E-01	8.680E-01	7.869E-01	2.406E-01	4.883E-02	1.405E-07	1.663E-14
Ra-226+D	Ra-226+D	1.000E+00	6.594E+00	6.589E+00	6.567E+00	6.541E+00	6.146E+00	5.677E+00	3.009E+00	1.360E+00
Ra-226+D	Pb-210+D	1.000E+00	1.757E-02	4.795E-02	1.675E-01	3.159E-01	8.958E-01	1.005E+00	5.577E-01	2.502E-01
Ra-226+D	∑DSR(j)		6.612E+00	6.637E+00	6.735E+00	6.857E+00	7.042E+00	6.683E+00	3.566E+00	1.611E+00
Sr-90+D	Sr-90+D	1.000E+00	5.912E-01	5.814E-01	5.323E-01	4.640E-01	1.547E-01	3.919E-02	6.651E-07	7.242E-13
Th-230	Th-230	1.000E+00	1.459E-02	1.459E-02	1.459E-02	1.459E-02	1.459E-02	1.458E-02	1.452E-02	1.444E-02
Th-230	Ra-226+D	1.000E+00	1.420E-03	4.274E-03	1.567E-02	2.985E-02	1.396E-01	2.674E-01	9.916E-01	1.433E+00
Th-230	Pb-210+D	1.000E+00	2.759E-06	1.703E-05	2.029E-04	7.213E-04	1.232E-02	3.312E-02	1.630E-01	2.383E-01
Th-230	∑DSR(j)		1.602E-02	1.888E-02	3.046E-02	4.517E-02	1.666E-01	3.151E-01	1.169E+00	1.686E+00
U-234	U-234	1.000E+00	1.343E-02	1.564E-02	2.446E-02	3.055E-02	2.861E-02	2.636E-02	1.365E-02	5.965E-03
U-234	Th-230	1.000E+00	6.855E-08	2.003E-07	7.237E-07	1.373E-06	6.384E-06	1.220E-05	4.503E-05	6.483E-05
U-234	Ra-226+D	1.000E+00	4.289E-09	2.998E-08	3.889E-07	1.411E-06	3.135E-05	1.178E-04	1.937E-03	4.793E-03
U-234	Pb-210+D	1.000E+00	1.678E-10	5.356E-10	5.197E-09	2.558E-08	2.059E-06	1.183E-05	3.093E-04	8.106E-04
U-234	∑DSR(j)		1.343E-02	1.564E-02	2.446E-02	3.055E-02	2.865E-02	2.650E-02	1.594E-02	1.163E-02
U-235+D	U-235+D	1.000E+00	4.299E-01	4.313E-01	4.370E-01	4.394E-01	4.119E-01	3.799E-01	1.991E-01	8.871E-02
U-235+D	Pa-231	1.000E+00	1.597E-05	5.140E-05	2.277E-04	4.840E-04	2.183E-03	4.003E-03	1.035E-02	9.091E-03
U-235+D	Ac-227+D	1.000E+00	2.619E-07	1.981E-06	3.753E-05	1.356E-04	1.995E-03	5.009E-03	1.684E-02	1.509E-02
U-235+D	∑DSR(j)		4.299E-01	4.314E-01	4.372E-01	4.400E-01	4.161E-01	3.889E-01	2.263E-01	1.129E-01
U-238	U-238	5.400E-05	6.450E-07	7.526E-07	1.182E-06	1.478E-06	1.385E-06	1.276E-06	6.614E-07	2.894E-07

Summary : HFBR SU 7A_Bias 1_Residential_Avg Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\SU 7A_BIAS 1_RESIDENTIAL_BKGD SUBTRACT.RAD

Dose/Source Ratios Summed Over All Pathways
Parent and Progeny Principal Radionuclide Contributions Indicated

Parent (i)	Product (j)	Thread Fraction	DSR(j,t) At Time in Years (mrem/yr)/(pCi/g) 0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
U-238+D	U-238+D	9.999E-01	9.323E-02	9.520E-02	1.031E-01	1.082E-01	1.014E-01	9.352E-02	4.889E-02	2.170E-02
U-238+D	U-234	9.999E-01	1.956E-08	6.702E-08	3.818E-07	9.092E-07	4.096E-06	7.510E-06	1.938E-05	1.694E-05
U-238+D	Th-230	9.999E-01	9.064E-14	5.238E-13	5.951E-12	2.114E-11	4.571E-10	1.704E-09	2.777E-08	6.844E-08
U-238+D	Ra-226+D	9.999E-01	5.014E-11	1.583E-10	5.676E-10	1.443E-09	1.390E-08	3.513E-08	9.456E-07	4.004E-06
U-238+D	Pb-210+D	9.999E-01	2.119E-10	6.638E-10	2.369E-09	5.829E-09	4.842E-08	9.428E-08	4.932E-07	1.164E-06
U-238+D	∑DSR(j)		9.323E-02	9.520E-02	1.031E-01	1.082E-01	1.014E-01	9.352E-02	4.891E-02	2.172E-02

The DSR includes contributions from associated (half-life ≤ 180 days) daughters.

Single Radionuclide Soil Guidelines G(i,t) in pCi/g
Basic Radiation Dose Limit = 2.500E+01 mrem/yr

Nuclide (i)	t= 0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
Ac-227	1.212E+01	9.197E+00	7.321E+00	8.759E+00	3.680E+01	2.213E+02	3.795E+08	*7.232E+13
C-14	7.632E+02	4.631E+03	8.845E+06	1.130E+11	*4.455E+12	*4.455E+12	*4.455E+12	*4.455E+12
Cs-137	1.388E+01	1.420E+01	1.559E+01	1.751E+01	4.440E+01	1.420E+02	1.558E+06	1.750E+11
Eu-154	6.401E+00	6.927E+00	9.496E+00	1.409E+01	3.302E+02	1.703E+04	*2.639E+14	*2.639E+14
H-3	6.756E+03	1.963E+04	1.562E+06	3.730E+08	*9.597E+15	*9.597E+15	*9.597E+15	*9.597E+15
Ni-63	6.794E+04	6.844E+04	7.047E+04	7.309E+04	9.788E+04	1.410E+05	2.616E+06	1.007E+08
Pa-231	1.571E+01	1.422E+01	9.621E+00	7.506E+00	5.030E+00	4.950E+00	9.424E+00	2.170E+01
Pb-210	2.621E+01	2.670E+01	2.880E+01	3.177E+01	1.039E+02	5.120E+02	1.779E+08	*7.634E+13
Ra-226	3.781E+00	3.767E+00	3.712E+00	3.646E+00	3.550E+00	3.741E+00	7.010E+00	1.552E+01
Sr-90	4.229E+01	4.300E+01	4.697E+01	5.388E+01	1.616E+02	6.379E+02	3.759E+07	3.452E+13
Th-230	1.561E+03	1.324E+03	8.207E+02	5.535E+02	1.501E+02	7.935E+01	2.138E+01	1.483E+01
U-234	1.862E+03	1.598E+03	1.022E+03	8.183E+02	8.726E+02	9.434E+02	1.568E+03	2.149E+03
U-235	5.815E+01	5.796E+01	5.718E+01	5.682E+01	6.009E+01	6.428E+01	1.105E+02	2.214E+02
U-238	2.682E+02	2.626E+02	2.426E+02	2.311E+02	2.465E+02	2.673E+02	5.112E+02	1.151E+03

*At specific activity limit

Summary : HFBR SU 7A_Bias 1_Residential_Avg Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\SU 7A_BIAS 1_RESIDENTIAL_BKGD SUBTRACT.RAD

Summed Dose/Source Ratios DSR(i,t) in (mrem/yr)/(pCi/g)
and Single Radionuclide Soil Guidelines G(i,t) in pCi/g
at tmin = time of minimum single radionuclide soil guideline
and at tmax = time of maximum total dose = 0.000E+00 years

Nuclide (i)	Initial (pCi/g)	tmin (years)	DSR(i,tmin)	G(i,tmin) (pCi/g)	DSR(i,tmax)	G(i,tmax) (pCi/g)
Ac-227	8.000E-04	2.889 ± 0.006	3.661E+00	6.828E+00	2.062E+00	1.212E+01
C-14	1.160E+00	0.000E+00	3.276E-02	7.632E+02	3.276E-02	7.632E+02
Cs-137	4.050E+00	0.000E+00	1.801E+00	1.388E+01	1.801E+00	1.388E+01
Eu-154	8.010E-02	0.000E+00	3.905E+00	6.401E+00	3.905E+00	6.401E+00
H-3	4.120E+01	0.000E+00	3.700E-03	6.756E+03	3.700E-03	6.756E+03
Ni-63	1.010E+00	0.000E+00	3.680E-04	6.794E+04	3.680E-04	6.794E+04
Pa-231	8.000E-04	76.0 ± 0.2	5.117E+00	4.886E+00	1.591E+00	1.571E+01
Pb-210	2.720E-01	0.000E+00	9.539E-01	2.621E+01	9.539E-01	2.621E+01
Ra-226	2.720E-01	37.24 ± 0.07	7.067E+00	3.537E+00	6.612E+00	3.781E+00
Sr-90	7.520E+00	0.000E+00	5.912E-01	4.229E+01	5.912E-01	4.229E+01
Th-230	5.900E-02	1.000E+03	1.686E+00	1.483E+01	1.602E-02	1.561E+03
U-234	5.900E-02	8.32 ± 0.02	3.064E-02	8.161E+02	1.343E-02	1.862E+03
U-235	8.000E-04	8.07 ± 0.02	4.412E-01	5.666E+01	4.299E-01	5.815E+01
U-238	5.900E-02	8.26 ± 0.02	1.085E-01	2.304E+02	9.323E-02	2.682E+02

Summary : HFBR SU 7A_Bias 1_Residential_Avg Bkgd Subtract
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Individual Nuclide Dose Summed Over All Pathways
Parent Nuclide and Branch Fraction Indicated

Nuclide (j)	Parent (i)	THF(i)	DOSE(j,t), mrem/yr t= 0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
Ac-227	Ac-227	1.000E+00	1.650E-03	2.175E-03	2.732E-03	2.283E-03	5.435E-04	9.038E-05	5.269E-11	8.441E-19
Ac-227	Pa-231	1.000E+00	2.710E-05	9.542E-05	5.092E-04	9.192E-04	2.342E-03	2.536E-03	1.344E-03	5.815E-04
Ac-227	U-235	1.000E+00	2.095E-10	1.585E-09	3.002E-08	1.085E-07	1.596E-06	4.007E-06	1.347E-05	1.208E-05
Ac-227	∑DOSE(j)		1.677E-03	2.270E-03	3.241E-03	3.203E-03	2.887E-03	2.630E-03	1.358E-03	5.936E-04
C-14	C-14	1.000E+00	3.800E-02	6.262E-03	3.279E-06	2.566E-10	0.000E+00	0.000E+00	0.000E+00	0.000E+00
Cs-137	Cs-137	1.000E+00	7.296E+00	7.128E+00	6.495E+00	5.782E+00	2.281E+00	7.129E-01	6.498E-05	5.787E-10
Eu-154	Eu-154	1.000E+00	3.128E-01	2.891E-01	2.109E-01	1.422E-01	6.064E-03	1.176E-04	2.344E-18	0.000E+00
H-3	H-3	1.000E+00	1.524E-01	5.248E-02	6.593E-04	2.761E-06	2.195E-25	0.000E+00	0.000E+00	0.000E+00
Ni-63	Ni-63	1.000E+00	3.716E-04	3.689E-04	3.583E-04	3.455E-04	2.580E-04	1.791E-04	9.654E-06	2.508E-07
Pa-231	Pa-231	1.000E+00	1.246E-03	1.311E-03	1.570E-03	1.745E-03	1.634E-03	1.505E-03	7.778E-04	3.399E-04
Pa-231	U-235	1.000E+00	1.278E-08	4.112E-08	1.822E-07	3.872E-07	1.746E-06	3.203E-06	8.280E-06	7.273E-06
Pa-231	∑DOSE(j)		1.246E-03	1.311E-03	1.570E-03	1.746E-03	1.636E-03	1.508E-03	7.861E-04	3.472E-04
Pb-210	Pb-210	1.000E+00	2.595E-01	2.547E-01	2.361E-01	2.140E-01	6.544E-02	1.328E-02	3.822E-08	4.524E-15
Pb-210	Ra-226	1.000E+00	4.780E-03	1.304E-02	4.557E-02	8.592E-02	2.437E-01	2.734E-01	1.517E-01	6.805E-02
Pb-210	Th-230	1.000E+00	1.628E-07	1.005E-06	1.197E-05	4.256E-05	7.270E-04	1.954E-03	9.616E-03	1.406E-02
Pb-210	U-234	1.000E+00	9.902E-12	3.160E-11	3.066E-10	1.509E-09	1.215E-07	6.978E-07	1.825E-05	4.782E-05
Pb-210	U-238	9.999E-01	1.250E-11	3.916E-11	1.398E-10	3.439E-10	2.857E-09	5.563E-09	2.910E-08	6.865E-08
Pb-210	∑DOSE(j)		2.643E-01	2.677E-01	2.817E-01	3.000E-01	3.098E-01	2.886E-01	1.613E-01	8.215E-02
Ra-226	Ra-226	1.000E+00	1.794E+00	1.792E+00	1.786E+00	1.779E+00	1.672E+00	1.544E+00	8.184E-01	3.700E-01
Ra-226	Th-230	1.000E+00	8.377E-05	2.521E-04	9.244E-04	1.761E-03	8.239E-03	1.577E-02	5.850E-02	8.457E-02
Ra-226	U-234	1.000E+00	2.531E-10	1.769E-09	2.294E-08	8.323E-08	1.850E-06	6.949E-06	1.143E-04	2.828E-04
Ra-226	U-238	9.999E-01	2.958E-12	9.341E-12	3.349E-11	8.515E-11	8.198E-10	2.073E-09	5.579E-08	2.362E-07
Ra-226	∑DOSE(j)		1.794E+00	1.792E+00	1.787E+00	1.781E+00	1.680E+00	1.560E+00	8.770E-01	4.549E-01
Sr-90	Sr-90	1.000E+00	4.446E+00	4.373E+00	4.003E+00	3.489E+00	1.163E+00	2.947E-01	5.002E-06	5.446E-12
Th-230	Th-230	1.000E+00	8.610E-04	8.610E-04	8.609E-04	8.609E-04	8.605E-04	8.601E-04	8.565E-04	8.521E-04
Th-230	U-234	1.000E+00	4.045E-09	1.182E-08	4.270E-08	8.103E-08	3.766E-07	7.201E-07	2.657E-06	3.825E-06
Th-230	U-238	9.999E-01	5.348E-15	3.090E-14	3.511E-13	1.247E-12	2.697E-11	1.006E-10	1.639E-09	4.038E-09
Th-230	∑DOSE(j)		8.610E-04	8.610E-04	8.610E-04	8.610E-04	8.609E-04	8.608E-04	8.592E-04	8.559E-04
U-234	U-234	1.000E+00	7.922E-04	9.227E-04	1.443E-03	1.802E-03	1.688E-03	1.555E-03	8.053E-04	3.519E-04
U-234	U-238	9.999E-01	1.154E-09	3.954E-09	2.253E-08	5.364E-08	2.417E-07	4.431E-07	1.143E-06	9.995E-07
U-234	∑DOSE(j)		7.922E-04	9.227E-04	1.443E-03	1.802E-03	1.688E-03	1.556E-03	8.065E-04	3.529E-04
U-235	U-235	1.000E+00	3.439E-04	3.450E-04	3.496E-04	3.515E-04	3.295E-04	3.039E-04	1.593E-04	7.097E-05
U-238	U-238	5.400E-05	3.805E-08	4.441E-08	6.972E-08	8.722E-08	8.169E-08	7.527E-08	3.902E-08	1.707E-08
U-238	U-238	9.999E-01	5.500E-03	5.617E-03	6.080E-03	6.384E-03	5.983E-03	5.517E-03	2.884E-03	1.280E-03
U-238	∑DOSE(j)		5.501E-03	5.617E-03	6.080E-03	6.384E-03	5.983E-03	5.518E-03	2.884E-03	1.280E-03

THF(i) is the thread fraction of the parent nuclide.

Summary : HFBR SU 7A_Bias 1_Residential_Avg Bkgd Subtract
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Individual Nuclide Soil Concentration
Parent Nuclide and Branch Fraction Indicated

Nuclide (j)	Parent (i)	THF(i)	S(j,t), pCi/g t= 0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
Ac-227	Ac-227	1.000E+00	8.000E-04	7.718E-04	6.687E-04	5.590E-04	1.332E-04	2.218E-05	1.311E-11	2.150E-19
Ac-227	Pa-231	1.000E+00	0.000E+00	2.500E-05	1.161E-04	2.122E-04	5.619E-04	6.114E-04	3.286E-04	1.451E-04
Ac-227	U-235	1.000E+00	0.000E+00	2.660E-10	6.316E-09	2.373E-08	3.783E-07	9.600E-07	3.290E-06	3.011E-06
Ac-227	∑S(j):		8.000E-04	7.968E-04	7.848E-04	7.712E-04	6.955E-04	6.345E-04	3.319E-04	1.481E-04
C-14	C-14	1.000E+00	1.160E+00	1.757E-01	9.199E-05	7.199E-09	6.239E-42	0.000E+00	0.000E+00	0.000E+00
Cs-137	Cs-137	1.000E+00	4.050E+00	3.957E+00	3.605E+00	3.210E+00	1.266E+00	3.957E-01	3.607E-05	3.212E-10
Eu-154	Eu-154	1.000E+00	8.010E-02	7.403E-02	5.400E-02	3.640E-02	1.553E-03	3.010E-05	6.003E-19	4.499E-36
H-3	H-3	1.000E+00	4.120E+01	1.380E+01	1.734E-01	7.265E-04	5.789E-23	0.000E+00	0.000E+00	0.000E+00
Ni-63	Ni-63	1.000E+00	1.010E+00	1.003E+00	9.738E-01	9.389E-01	7.011E-01	4.867E-01	2.624E-02	6.815E-04
Pa-231	Pa-231	1.000E+00	8.000E-04	7.987E-04	7.935E-04	7.870E-04	7.372E-04	6.793E-04	3.532E-04	1.559E-04
Pa-231	U-235	1.000E+00	0.000E+00	1.690E-08	8.395E-08	1.665E-07	7.803E-07	1.439E-06	3.756E-06	3.334E-06
Pa-231	∑S(j):		8.000E-04	7.987E-04	7.936E-04	7.872E-04	7.380E-04	6.808E-04	3.570E-04	1.593E-04
Pb-210	Pb-210	1.000E+00	2.720E-01	2.635E-01	2.319E-01	1.977E-01	5.522E-02	1.121E-02	3.232E-08	3.841E-15
Pb-210	Ra-226	1.000E+00	0.000E+00	8.315E-03	3.892E-02	7.179E-02	2.011E-01	2.266E-01	1.262E-01	5.706E-02
Pb-210	Th-230	1.000E+00	0.000E+00	3.928E-07	9.398E-06	3.562E-05	6.049E-04	1.635E-03	8.204E-03	1.224E-02
Pb-210	U-234	1.000E+00	0.000E+00	1.182E-12	1.427E-10	1.094E-09	1.001E-07	5.756E-07	1.516E-05	3.996E-05
Pb-210	U-238	9.999E-01	0.000E+00	8.386E-19	5.091E-16	7.859E-15	3.764E-12	4.506E-11	6.305E-09	3.142E-08
Pb-210	∑S(j):		2.720E-01	2.718E-01	2.708E-01	2.696E-01	2.569E-01	2.394E-01	1.344E-01	6.934E-02
Ra-226	Ra-226	1.000E+00	2.720E-01	2.716E-01	2.699E-01	2.677E-01	2.513E-01	2.321E-01	1.230E-01	5.563E-02
Ra-226	Th-230	1.000E+00	0.000E+00	2.554E-05	1.273E-04	2.536E-04	1.228E-03	2.362E-03	8.796E-03	1.273E-02
Ra-226	U-234	1.000E+00	0.000E+00	1.149E-10	2.861E-09	1.138E-08	2.727E-07	1.034E-06	1.714E-05	4.246E-05
Ra-226	U-238	9.999E-01	0.000E+00	1.086E-16	1.351E-14	1.074E-13	1.279E-11	9.639E-11	7.524E-09	3.425E-08
Ra-226	∑S(j):		2.720E-01	2.716E-01	2.700E-01	2.680E-01	2.525E-01	2.344E-01	1.318E-01	6.840E-02
Sr-90	Sr-90	1.000E+00	7.520E+00	7.316E+00	6.555E+00	5.714E+00	1.905E+00	4.828E-01	8.200E-06	8.941E-12
Th-230	Th-230	1.000E+00	5.900E-02	5.900E-02	5.900E-02	5.899E-02	5.897E-02	5.894E-02	5.870E-02	5.839E-02
Th-230	U-234	1.000E+00	0.000E+00	5.307E-07	2.645E-06	5.268E-06	2.550E-05	4.901E-05	1.816E-04	2.616E-04
Th-230	U-238	9.999E-01	0.000E+00	7.520E-13	1.872E-11	7.447E-11	1.783E-09	6.762E-09	1.117E-07	2.757E-07
Th-230	∑S(j):		5.900E-02	5.900E-02	5.900E-02	5.900E-02	5.899E-02	5.899E-02	5.888E-02	5.865E-02
U-234	U-234	1.000E+00	5.900E-02	5.890E-02	5.852E-02	5.805E-02	5.442E-02	5.019E-02	2.629E-02	1.171E-02
U-234	U-238	9.999E-01	0.000E+00	1.670E-07	8.295E-07	1.646E-06	7.714E-06	1.423E-05	3.729E-05	3.325E-05
U-234	∑S(j):		5.900E-02	5.890E-02	5.853E-02	5.806E-02	5.443E-02	5.021E-02	2.633E-02	1.175E-02
U-235	U-235	1.000E+00	8.000E-04	7.987E-04	7.936E-04	7.872E-04	7.380E-04	6.808E-04	3.569E-04	1.593E-04
U-238	U-238	5.400E-05	3.186E-06	3.181E-06	3.160E-06	3.135E-06	2.939E-06	2.711E-06	1.422E-06	6.343E-07
U-238	U-238	9.999E-01	5.900E-02	5.890E-02	5.852E-02	5.805E-02	5.442E-02	5.020E-02	2.632E-02	1.175E-02
U-238	∑S(j):		5.900E-02	5.890E-02	5.853E-02	5.806E-02	5.443E-02	5.021E-02	2.633E-02	1.175E-02

THF(i) is the thread fraction of the parent nuclide.

RESCALC.EXE execution time = 18.19 seconds

Summary : IV/FSS_SU 7A_Combined_Ind_Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\IV_FSS_SU 7A_COMBINED_IND_BKGD SUBTRACT.RAD

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Dose Conversion Factor (and Related) Parameter Summary
Dose Library: FGR 11

Menu	Parameter	Current Value#	Base Case*	Parameter Name
A-1	DCF's for external ground radiation, (mrem/yr)/(pCi/g)			
A-1	Ac-227 (Source: FGR 12)	4.951E-04	4.951E-04	DCF1(1)
A-1	At-218 (Source: FGR 12)	5.847E-03	5.847E-03	DCF1(2)
A-1	Ba-137m (Source: FGR 12)	3.606E+00	3.606E+00	DCF1(3)
A-1	Bi-210 (Source: FGR 12)	3.606E-03	3.606E-03	DCF1(4)
A-1	Bi-211 (Source: FGR 12)	2.559E-01	2.559E-01	DCF1(5)
A-1	Bi-214 (Source: FGR 12)	9.808E+00	9.808E+00	DCF1(6)
A-1	C-14 (Source: FGR 12)	1.345E-05	1.345E-05	DCF1(7)
A-1	Co-60 (Source: FGR 12)	1.622E+01	1.622E+01	DCF1(8)
A-1	Cs-137 (Source: FGR 12)	7.510E-04	7.510E-04	DCF1(9)
A-1	Eu-152 (Source: FGR 12)	7.006E+00	7.006E+00	DCF1(10)
A-1	Eu-154 (Source: FGR 12)	7.678E+00	7.678E+00	DCF1(11)
A-1	Fr-223 (Source: FGR 12)	1.980E-01	1.980E-01	DCF1(12)
A-1	Gd-152 (Source: FGR 12)	0.000E+00	0.000E+00	DCF1(13)
A-1	H-3 (Source: FGR 12)	0.000E+00	0.000E+00	DCF1(14)
A-1	Ni-63 (Source: FGR 12)	0.000E+00	0.000E+00	DCF1(15)
A-1	Pa-231 (Source: FGR 12)	1.906E-01	1.906E-01	DCF1(16)
A-1	Pa-234 (Source: FGR 12)	1.155E+01	1.155E+01	DCF1(17)
A-1	Pa-234m (Source: FGR 12)	8.967E-02	8.967E-02	DCF1(18)
A-1	Pb-210 (Source: FGR 12)	2.447E-03	2.447E-03	DCF1(19)
A-1	Pb-211 (Source: FGR 12)	3.064E-01	3.064E-01	DCF1(20)
A-1	Pb-214 (Source: FGR 12)	1.341E+00	1.341E+00	DCF1(21)
A-1	Po-210 (Source: FGR 12)	5.231E-05	5.231E-05	DCF1(22)
A-1	Po-211 (Source: FGR 12)	4.764E-02	4.764E-02	DCF1(23)
A-1	Po-214 (Source: FGR 12)	5.138E-04	5.138E-04	DCF1(24)
A-1	Po-215 (Source: FGR 12)	1.016E-03	1.016E-03	DCF1(25)
A-1	Po-218 (Source: FGR 12)	5.642E-05	5.642E-05	DCF1(26)
A-1	Ra-223 (Source: FGR 12)	6.034E-01	6.034E-01	DCF1(27)
A-1	Ra-226 (Source: FGR 12)	3.176E-02	3.176E-02	DCF1(28)
A-1	Rn-219 (Source: FGR 12)	3.083E-01	3.083E-01	DCF1(29)
A-1	Rn-222 (Source: FGR 12)	2.354E-03	2.354E-03	DCF1(30)
A-1	Sr-90 (Source: FGR 12)	7.043E-04	7.043E-04	DCF1(31)
A-1	Th-227 (Source: FGR 12)	5.212E-01	5.212E-01	DCF1(32)
A-1	Th-230 (Source: FGR 12)	1.209E-03	1.209E-03	DCF1(33)
A-1	Th-231 (Source: FGR 12)	3.643E-02	3.643E-02	DCF1(34)
A-1	Th-234 (Source: FGR 12)	2.410E-02	2.410E-02	DCF1(35)
A-1	Tl-207 (Source: FGR 12)	1.980E-02	1.980E-02	DCF1(36)
A-1	Tl-210 (Source: no data)	0.000E+00	-2.000E+00	DCF1(37)
A-1	U-234 (Source: FGR 12)	4.017E-04	4.017E-04	DCF1(38)
A-1	U-235 (Source: FGR 12)	7.211E-01	7.211E-01	DCF1(39)
A-1	U-238 (Source: FGR 12)	1.031E-04	1.031E-04	DCF1(40)
A-1	Y-90 (Source: FGR 12)	2.391E-02	2.391E-02	DCF1(41)
B-1	Dose conversion factors for inhalation, mrem/pCi:			
B-1	Ac-227+D	6.724E+00	6.700E+00	DCF2(1)
B-1	C-14(p) (Class: ORGANIC)	2.090E-06	2.090E-06	DCF2(2)
B-1	C-14(g) (Class: CO2)	2.350E-08	2.350E-08	C14GInhDCF
B-1	Co-60	2.190E-04	2.190E-04	DCF2(3)
B-1	Cs-137+D	3.190E-05	3.190E-05	DCF2(4)
B-1	Eu-152	2.210E-04	2.210E-04	DCF2(5)

Dose Conversion Factor (and Related) Parameter Summary (continued)
Dose Library: FGR 11

Menu	Parameter	Current Value#	Base Case*	Parameter Name
B-1	Eu-154	2.860E-04	2.860E-04	DCF2(7)
B-1	Gd-152	2.430E-01	2.430E-01	DCF2(8)
B-1	H-3	6.400E-08	6.400E-08	DCF2(9)
B-1	Ni-63	6.290E-06	6.290E-06	DCF2(10)
B-1	Pa-231	1.280E+00	1.280E+00	DCF2(11)
B-1	Pb-210+D	2.320E-02	1.360E-02	DCF2(12)
B-1	Ra-226+D	8.594E-03	8.580E-03	DCF2(13)
B-1	Sr-90+D	1.308E-03	1.300E-03	DCF2(14)
B-1	Th-230	3.260E-01	3.260E-01	DCF2(15)
B-1	U-234	1.320E-01	1.320E-01	DCF2(16)
B-1	U-235+D	1.230E-01	1.230E-01	DCF2(17)
B-1	U-238	1.180E-01	1.180E-01	DCF2(18)
B-1	U-238+D	1.180E-01	1.180E-01	DCF2(19)
D-1	Dose conversion factors for ingestion, mrem/pCi:			
D-1	Ac-227+D	1.480E-02	1.410E-02	DCF3(1)
D-1	C-14	2.090E-06	2.090E-06	DCF3(2)
D-1	Co-60	2.690E-05	2.690E-05	DCF3(3)
D-1	Cs-137+D	5.000E-05	5.000E-05	DCF3(4)
D-1	Eu-152	6.480E-06	6.480E-06	DCF3(5)
D-1	Eu-154	9.550E-06	9.550E-06	DCF3(7)
D-1	Gd-152	1.610E-04	1.610E-04	DCF3(8)
D-1	H-3	6.400E-08	6.400E-08	DCF3(9)
D-1	Ni-63	5.770E-07	5.770E-07	DCF3(10)
D-1	Pa-231	1.060E-02	1.060E-02	DCF3(11)
D-1	Pb-210+D	7.276E-03	5.370E-03	DCF3(12)
D-1	Ra-226+D	1.321E-03	1.320E-03	DCF3(13)
D-1	Sr-90+D	1.528E-04	1.420E-04	DCF3(14)
D-1	Th-230	5.480E-04	5.480E-04	DCF3(15)
D-1	U-234	2.830E-04	2.830E-04	DCF3(16)
D-1	U-235+D	2.673E-04	2.660E-04	DCF3(17)
D-1	U-238	2.550E-04	2.550E-04	DCF3(18)
D-1	U-238+D	2.687E-04	2.550E-04	DCF3(19)
D-34	Food transfer factors:			
D-34	Ac-227+D , plant/soil concentration ratio, dimensionless	2.500E-03	2.500E-03	RTF(1,1)
D-34	Ac-227+D , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	2.000E-05	2.000E-05	RTF(1,2)
D-34	Ac-227+D , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	2.000E-05	2.000E-05	RTF(1,3)
D-34				
D-34	C-14 , plant/soil concentration ratio, dimensionless	5.500E+00	5.500E+00	RTF(2,1)
D-34	C-14 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	3.100E-02	3.100E-02	RTF(2,2)
D-34	C-14 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	1.200E-02	1.200E-02	RTF(2,3)
D-34				
D-34	Co-60 , plant/soil concentration ratio, dimensionless	8.000E-02	8.000E-02	RTF(3,1)
D-34	Co-60 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	2.000E-02	2.000E-02	RTF(3,2)
D-34	Co-60 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	2.000E-03	2.000E-03	RTF(3,3)
D-34				
D-34	Cs-137+D , plant/soil concentration ratio, dimensionless	4.000E-02	4.000E-02	RTF(4,1)
D-34	Cs-137+D , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	3.000E-02	3.000E-02	RTF(4,2)
D-34	Cs-137+D , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	8.000E-03	8.000E-03	RTF(4,3)

Dose Conversion Factor (and Related) Parameter Summary (continued)
Dose Library: FGR 11

Menu	Parameter	Current Value#	Base Case*	Parameter Name
D-34	Eu-152 , plant/soil concentration ratio, dimensionless	2.500E-03	2.500E-03	RTF(5,1)
D-34	Eu-152 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	2.000E-03	2.000E-03	RTF(5,2)
D-34	Eu-152 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	5.000E-05	5.000E-05	RTF(5,3)
D-34				
D-34	Eu-154 , plant/soil concentration ratio, dimensionless	2.500E-03	2.500E-03	RTF(7,1)
D-34	Eu-154 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	2.000E-03	2.000E-03	RTF(7,2)
D-34	Eu-154 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	5.000E-05	5.000E-05	RTF(7,3)
D-34				
D-34	Gd-152 , plant/soil concentration ratio, dimensionless	2.500E-03	2.500E-03	RTF(8,1)
D-34	Gd-152 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	2.000E-03	2.000E-03	RTF(8,2)
D-34	Gd-152 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	2.000E-05	2.000E-05	RTF(8,3)
D-34				
D-34	H-3 , plant/soil concentration ratio, dimensionless	4.800E+00	4.800E+00	RTF(9,1)
D-34	H-3 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	1.200E-02	1.200E-02	RTF(9,2)
D-34	H-3 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	1.000E-02	1.000E-02	RTF(9,3)
D-34				
D-34	Ni-63 , plant/soil concentration ratio, dimensionless	5.000E-02	5.000E-02	RTF(10,1)
D-34	Ni-63 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	5.000E-03	5.000E-03	RTF(10,2)
D-34	Ni-63 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	2.000E-02	2.000E-02	RTF(10,3)
D-34				
D-34	Pa-231 , plant/soil concentration ratio, dimensionless	1.000E-02	1.000E-02	RTF(11,1)
D-34	Pa-231 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	5.000E-03	5.000E-03	RTF(11,2)
D-34	Pa-231 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	5.000E-06	5.000E-06	RTF(11,3)
D-34				
D-34	Pb-210+D , plant/soil concentration ratio, dimensionless	1.000E-02	1.000E-02	RTF(12,1)
D-34	Pb-210+D , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	8.000E-04	8.000E-04	RTF(12,2)
D-34	Pb-210+D , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	3.000E-04	3.000E-04	RTF(12,3)
D-34				
D-34	Ra-226+D , plant/soil concentration ratio, dimensionless	4.000E-02	4.000E-02	RTF(13,1)
D-34	Ra-226+D , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	1.000E-03	1.000E-03	RTF(13,2)
D-34	Ra-226+D , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	1.000E-03	1.000E-03	RTF(13,3)
D-34				
D-34	Sr-90+D , plant/soil concentration ratio, dimensionless	3.000E-01	3.000E-01	RTF(14,1)
D-34	Sr-90+D , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	8.000E-03	8.000E-03	RTF(14,2)
D-34	Sr-90+D , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	2.000E-03	2.000E-03	RTF(14,3)
D-34				
D-34	Th-230 , plant/soil concentration ratio, dimensionless	1.000E-03	1.000E-03	RTF(15,1)
D-34	Th-230 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	1.000E-04	1.000E-04	RTF(15,2)
D-34	Th-230 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	5.000E-06	5.000E-06	RTF(15,3)
D-34				
D-34	U-234 , plant/soil concentration ratio, dimensionless	2.500E-03	2.500E-03	RTF(16,1)
D-34	U-234 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	3.400E-04	3.400E-04	RTF(16,2)
D-34	U-234 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	6.000E-04	6.000E-04	RTF(16,3)
D-34				
D-34	U-235+D , plant/soil concentration ratio, dimensionless	2.500E-03	2.500E-03	RTF(17,1)
D-34	U-235+D , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	3.400E-04	3.400E-04	RTF(17,2)
D-34	U-235+D , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	6.000E-04	6.000E-04	RTF(17,3)
D-34				

Dose Conversion Factor (and Related) Parameter Summary (continued)
Dose Library: FGR 11

Menu	Parameter	Current Value#	Base Case*	Parameter Name
D-34	U-238 , plant/soil concentration ratio, dimensionless	2.500E-03	2.500E-03	RTF(18,1)
D-34	U-238 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	3.400E-04	3.400E-04	RTF(18,2)
D-34	U-238 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	6.000E-04	6.000E-04	RTF(18,3)
D-34				
D-34	U-238+D , plant/soil concentration ratio, dimensionless	2.500E-03	2.500E-03	RTF(19,1)
D-34	U-238+D , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	3.400E-04	3.400E-04	RTF(19,2)
D-34	U-238+D , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	6.000E-04	6.000E-04	RTF(19,3)
D-5	Bioaccumulation factors, fresh water, L/kg:			
D-5	Ac-227+D , fish	1.500E+01	1.500E+01	BIOFAC(1,1)
D-5	Ac-227+D , crustacea and mollusks	1.000E+03	1.000E+03	BIOFAC(1,2)
D-5				
D-5	C-14 , fish	5.000E+04	5.000E+04	BIOFAC(2,1)
D-5	C-14 , crustacea and mollusks	9.100E+03	9.100E+03	BIOFAC(2,2)
D-5				
D-5	Co-60 , fish	3.000E+02	3.000E+02	BIOFAC(3,1)
D-5	Co-60 , crustacea and mollusks	2.000E+02	2.000E+02	BIOFAC(3,2)
D-5				
D-5	Cs-137+D , fish	2.000E+03	2.000E+03	BIOFAC(4,1)
D-5	Cs-137+D , crustacea and mollusks	1.000E+02	1.000E+02	BIOFAC(4,2)
D-5				
D-5	Eu-152 , fish	5.000E+01	5.000E+01	BIOFAC(5,1)
D-5	Eu-152 , crustacea and mollusks	1.000E+03	1.000E+03	BIOFAC(5,2)
D-5				
D-5	Eu-154 , fish	5.000E+01	5.000E+01	BIOFAC(7,1)
D-5	Eu-154 , crustacea and mollusks	1.000E+03	1.000E+03	BIOFAC(7,2)
D-5				
D-5	Gd-152 , fish	2.500E+01	2.500E+01	BIOFAC(8,1)
D-5	Gd-152 , crustacea and mollusks	1.000E+03	1.000E+03	BIOFAC(8,2)
D-5				
D-5	H-3 , fish	1.000E+00	1.000E+00	BIOFAC(9,1)
D-5	H-3 , crustacea and mollusks	1.000E+00	1.000E+00	BIOFAC(9,2)
D-5				
D-5	Ni-63 , fish	1.000E+02	1.000E+02	BIOFAC(10,1)
D-5	Ni-63 , crustacea and mollusks	1.000E+02	1.000E+02	BIOFAC(10,2)
D-5				
D-5	Pa-231 , fish	1.000E+01	1.000E+01	BIOFAC(11,1)
D-5	Pa-231 , crustacea and mollusks	1.100E+02	1.100E+02	BIOFAC(11,2)
D-5				
D-5	Pb-210+D , fish	3.000E+02	3.000E+02	BIOFAC(12,1)
D-5	Pb-210+D , crustacea and mollusks	1.000E+02	1.000E+02	BIOFAC(12,2)
D-5				
D-5	Ra-226+D , fish	5.000E+01	5.000E+01	BIOFAC(13,1)
D-5	Ra-226+D , crustacea and mollusks	2.500E+02	2.500E+02	BIOFAC(13,2)
D-5				
D-5	Sr-90+D , fish	6.000E+01	6.000E+01	BIOFAC(14,1)
D-5	Sr-90+D , crustacea and mollusks	1.000E+02	1.000E+02	BIOFAC(14,2)
D-5				
D-5	Th-230 , fish	1.000E+02	1.000E+02	BIOFAC(15,1)
D-5	Th-230 , crustacea and mollusks	5.000E+02	5.000E+02	BIOFAC(15,2)

Dose Conversion Factor (and Related) Parameter Summary (continued)
Dose Library: FGR 11

Menu	Parameter	Current Value#	Base Case*	Parameter Name
D-5	U-234 , fish	1.000E+01	1.000E+01	BIOFAC(16,1)
D-5	U-234 , crustacea and mollusks	6.000E+01	6.000E+01	BIOFAC(16,2)
D-5				
D-5	U-235+D , fish	1.000E+01	1.000E+01	BIOFAC(17,1)
D-5	U-235+D , crustacea and mollusks	6.000E+01	6.000E+01	BIOFAC(17,2)
D-5				
D-5	U-238 , fish	1.000E+01	1.000E+01	BIOFAC(18,1)
D-5	U-238 , crustacea and mollusks	6.000E+01	6.000E+01	BIOFAC(18,2)
D-5				
D-5	U-238+D , fish	1.000E+01	1.000E+01	BIOFAC(19,1)
D-5	U-238+D , crustacea and mollusks	6.000E+01	6.000E+01	BIOFAC(19,2)

#For DCF1(xxx) only, factors are for infinite depth & area. See ETFG table in Ground Pathway of Detailed Report.
*Base Case means Default.Lib w/o Associate Nuclide contributions.

Summary : IV/FSS_SU 7A_Combined_Ind_Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\IV_FSS_SU 7A_COMBINED_IND_BKGD SUBTRACT.RAD

Site-Specific Parameter Summary

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R011	Area of contaminated zone (m**2)	1.460E+02	1.000E+04	---	AREA
R011	Thickness of contaminated zone (m)	5.000E+00	2.000E+00	---	THICK0
R011	Fraction of contamination that is submerged	0.000E+00	0.000E+00	---	SUBMFRACT
R011	Length parallel to aquifer flow (m)	1.200E+01	1.000E+02	---	LCZPAQ
R011	Basic radiation dose limit (mrem/yr)	2.500E+01	3.000E+01	---	BRDL
R011	Time since placement of material (yr)	0.000E+00	0.000E+00	---	TI
R011	Times for calculations (yr)	1.000E+00	1.000E+00	---	T(2)
R011	Times for calculations (yr)	5.000E+00	3.000E+00	---	T(3)
R011	Times for calculations (yr)	1.000E+01	1.000E+01	---	T(4)
R011	Times for calculations (yr)	5.000E+01	3.000E+01	---	T(5)
R011	Times for calculations (yr)	1.000E+02	1.000E+02	---	T(6)
R011	Times for calculations (yr)	5.000E+02	3.000E+02	---	T(7)
R011	Times for calculations (yr)	1.000E+03	1.000E+03	---	T(8)
R011	Times for calculations (yr)	not used	0.000E+00	---	T(9)
R011	Times for calculations (yr)	not used	0.000E+00	---	T(10)
R012	Initial principal radionuclide (pCi/g): Ac-227	8.180E-03	0.000E+00	---	S1(1)
R012	Initial principal radionuclide (pCi/g): C-14	1.036E+00	0.000E+00	---	S1(2)
R012	Initial principal radionuclide (pCi/g): Co-60	1.300E-02	0.000E+00	---	S1(3)
R012	Initial principal radionuclide (pCi/g): Cs-137	6.247E+00	0.000E+00	---	S1(4)
R012	Initial principal radionuclide (pCi/g): Eu-152	6.440E-02	0.000E+00	---	S1(5)
R012	Initial principal radionuclide (pCi/g): Eu-154	3.830E-02	0.000E+00	---	S1(7)
R012	Initial principal radionuclide (pCi/g): Gd-152	6.440E-02	0.000E+00	---	S1(8)
R012	Initial principal radionuclide (pCi/g): H-3	8.823E+01	0.000E+00	---	S1(9)
R012	Initial principal radionuclide (pCi/g): Ni-63	6.040E-01	0.000E+00	---	S1(10)
R012	Initial principal radionuclide (pCi/g): Pa-231	8.180E-03	0.000E+00	---	S1(11)
R012	Initial principal radionuclide (pCi/g): Pb-210	2.200E-01	0.000E+00	---	S1(12)
R012	Initial principal radionuclide (pCi/g): Ra-226	2.200E-01	0.000E+00	---	S1(13)
R012	Initial principal radionuclide (pCi/g): Sr-90	2.573E+01	0.000E+00	---	S1(14)
R012	Initial principal radionuclide (pCi/g): Th-230	3.450E-02	0.000E+00	---	S1(15)
R012	Initial principal radionuclide (pCi/g): U-234	3.450E-02	0.000E+00	---	S1(16)
R012	Initial principal radionuclide (pCi/g): U-235	8.180E-03	0.000E+00	---	S1(17)
R012	Initial principal radionuclide (pCi/g): U-238	3.450E-02	0.000E+00	---	S1(18)
R012	Concentration in groundwater (pCi/L): Ac-227	not used	0.000E+00	---	W1(1)
R012	Concentration in groundwater (pCi/L): C-14	not used	0.000E+00	---	W1(2)
R012	Concentration in groundwater (pCi/L): Co-60	not used	0.000E+00	---	W1(3)
R012	Concentration in groundwater (pCi/L): Cs-137	not used	0.000E+00	---	W1(4)
R012	Concentration in groundwater (pCi/L): Eu-152	not used	0.000E+00	---	W1(5)
R012	Concentration in groundwater (pCi/L): Eu-154	not used	0.000E+00	---	W1(7)
R012	Concentration in groundwater (pCi/L): Gd-152	not used	0.000E+00	---	W1(8)
R012	Concentration in groundwater (pCi/L): H-3	not used	0.000E+00	---	W1(9)
R012	Concentration in groundwater (pCi/L): Ni-63	not used	0.000E+00	---	W1(10)
R012	Concentration in groundwater (pCi/L): Pa-231	not used	0.000E+00	---	W1(11)
R012	Concentration in groundwater (pCi/L): Pb-210	not used	0.000E+00	---	W1(12)
R012	Concentration in groundwater (pCi/L): Ra-226	not used	0.000E+00	---	W1(13)
R012	Concentration in groundwater (pCi/L): Sr-90	not used	0.000E+00	---	W1(14)
R012	Concentration in groundwater (pCi/L): Th-230	not used	0.000E+00	---	W1(15)
R012	Concentration in groundwater (pCi/L): U-234	not used	0.000E+00	---	W1(16)
R012	Concentration in groundwater (pCi/L): U-235	not used	0.000E+00	---	W1(17)
R012	Concentration in groundwater (pCi/L): U-238	not used	0.000E+00	---	W1(18)

Site-Specific Parameter Summary (continued)

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R013	Cover depth (m)	0.000E+00	0.000E+00	---	COVER0
R013	Density of cover material (g/cm**3)	not used	1.500E+00	---	DENSCV
R013	Cover depth erosion rate (m/yr)	not used	1.000E-03	---	VCV
R013	Density of contaminated zone (g/cm**3)	1.660E+00	1.500E+00	---	DENSCZ
R013	Contaminated zone erosion rate (m/yr)	1.000E-03	1.000E-03	---	VCZ
R013	Contaminated zone total porosity	3.300E-01	4.000E-01	---	TPCZ
R013	Contaminated zone field capacity	2.400E-01	2.000E-01	---	FCCZ
R013	Contaminated zone hydraulic conductivity (m/yr)	5.000E+03	1.000E+01	---	HCCZ
R013	Contaminated zone b parameter	4.900E+00	5.300E+00	---	BCZ
R013	Average annual wind speed (m/sec)	6.230E+00	2.000E+00	---	WIND
R013	Humidity in air (g/m**3)	8.000E+00	8.000E+00	---	HUMID
R013	Evapotranspiration coefficient	4.600E-01	5.000E-01	---	EVAPTR
R013	Precipitation (m/yr)	1.230E+00	1.000E+00	---	PRECIP
R013	Irrigation (m/yr)	2.600E-01	2.000E-01	---	RI
R013	Irrigation mode	overhead	overhead	---	IDITCH
R013	Runoff coefficient	2.000E-01	2.000E-01	---	RUNOFF
R013	Watershed area for nearby stream or pond (m**2)	1.000E+06	1.000E+06	---	WAREA
R013	Accuracy for water/soil computations	1.000E-03	1.000E-03	---	EPS
R014	Density of saturated zone (g/cm**3)	1.660E+00	1.500E+00	---	DENSAQ
R014	Saturated zone total porosity	3.300E-01	4.000E-01	---	TPSZ
R014	Saturated zone effective porosity	2.400E-01	2.000E-01	---	EPSZ
R014	Saturated zone field capacity	2.000E-01	2.000E-01	---	FCSZ
R014	Saturated zone hydraulic conductivity (m/yr)	2.000E+04	1.000E+02	---	HCSZ
R014	Saturated zone hydraulic gradient	4.800E-03	2.000E-02	---	HGWT
R014	Saturated zone b parameter	4.900E+00	5.300E+00	---	BSZ
R014	Water table drop rate (m/yr)	1.000E-03	1.000E-03	---	VWT
R014	Well pump intake depth (m below water table)	1.800E+01	1.000E+01	---	DWIBWT
R014	Model: Nondispersion (ND) or Mass-Balance (MB)	ND	ND	---	MODEL
R014	Well pumping rate (m**3/yr)	2.500E+02	2.500E+02	---	UW
R015	Number of unsaturated zone strata	1	1	---	NS
R015	Unsat. zone 1, thickness (m)	0.000E+00	4.000E+00	---	H(1)
R015	Unsat. zone 1, soil density (g/cm**3)	1.660E+00	1.500E+00	---	DENSUZ(1)
R015	Unsat. zone 1, total porosity	3.300E-01	4.000E-01	---	TPUZ(1)
R015	Unsat. zone 1, effective porosity	2.400E-01	2.000E-01	---	EPUZ(1)
R015	Unsat. zone 1, field capacity	2.000E-01	2.000E-01	---	FCUZ(1)
R015	Unsat. zone 1, soil-specific b parameter	4.900E+00	5.300E+00	---	BUZ(1)
R015	Unsat. zone 1, hydraulic conductivity (m/yr)	5.000E+03	1.000E+01	---	HCUZ(1)
R016	Distribution coefficients for Ac-227				
R016	Contaminated zone (cm**3/g)	2.000E+01	2.000E+01	---	DCNUCC(1)
R016	Unsaturated zone 1 (cm**3/g)	2.000E+01	2.000E+01	---	DCNUCU(1,1)
R016	Saturated zone (cm**3/g)	2.000E+01	2.000E+01	---	DCNUCS(1)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	4.018E-03	ALEACH(1)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(1)

Site-Specific Parameter Summary (continued)

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R016	Distribution coefficients for C-14				
R016	Contaminated zone (cm**3/g)	0.000E+00	0.000E+00	---	DCNUCC(2)
R016	Unsaturated zone 1 (cm**3/g)	0.000E+00	0.000E+00	---	DCNUCU(2,1)
R016	Saturated zone (cm**3/g)	0.000E+00	0.000E+00	---	DCNUCS(2)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	5.598E-01	ALEACH(2)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(2)
R016	Distribution coefficients for Co-60				
R016	Contaminated zone (cm**3/g)	1.000E+03	1.000E+03	---	DCNUCC(3)
R016	Unsaturated zone 1 (cm**3/g)	1.000E+03	1.000E+03	---	DCNUCU(3,1)
R016	Saturated zone (cm**3/g)	1.000E+03	1.000E+03	---	DCNUCS(3)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	8.092E-05	ALEACH(3)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(3)
R016	Distribution coefficients for Cs-137				
R016	Contaminated zone (cm**3/g)	5.300E+02	4.600E+03	---	DCNUCC(4)
R016	Unsaturated zone 1 (cm**3/g)	5.300E+02	4.600E+03	---	DCNUCU(4,1)
R016	Saturated zone (cm**3/g)	5.300E+02	4.600E+03	---	DCNUCS(4)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	1.527E-04	ALEACH(4)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(4)
R016	Distribution coefficients for Eu-152				
R016	Contaminated zone (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCC(5)
R016	Unsaturated zone 1 (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCU(5,1)
R016	Saturated zone (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCS(5)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	9.810E-05	ALEACH(5)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(5)
R016	Distribution coefficients for Eu-154				
R016	Contaminated zone (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCC(7)
R016	Unsaturated zone 1 (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCU(7,1)
R016	Saturated zone (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCS(7)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	9.810E-05	ALEACH(7)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(7)
R016	Distribution coefficients for Gd-152				
R016	Contaminated zone (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCC(8)
R016	Unsaturated zone 1 (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCU(8,1)
R016	Saturated zone (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCS(8)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	9.810E-05	ALEACH(8)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(8)
R016	Distribution coefficients for H-3				
R016	Contaminated zone (cm**3/g)	0.000E+00	0.000E+00	---	DCNUCC(9)
R016	Unsaturated zone 1 (cm**3/g)	0.000E+00	0.000E+00	---	DCNUCU(9,1)
R016	Saturated zone (cm**3/g)	0.000E+00	0.000E+00	---	DCNUCS(9)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	5.598E-01	ALEACH(9)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(9)

Site-Specific Parameter Summary (continued)

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R016	Distribution coefficients for Ni-63				
R016	Contaminated zone (cm**3/g)	1.000E+03	1.000E+03	---	DCNUCC(10)
R016	Unsaturated zone 1 (cm**3/g)	1.000E+03	1.000E+03	---	DCNUCU(10,1)
R016	Saturated zone (cm**3/g)	1.000E+03	1.000E+03	---	DCNUCS(10)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	8.092E-05	ALEACH(10)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(10)
R016	Distribution coefficients for Pa-231				
R016	Contaminated zone (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCC(11)
R016	Unsaturated zone 1 (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCU(11,1)
R016	Saturated zone (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCS(11)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	1.614E-03	ALEACH(11)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(11)
R016	Distribution coefficients for Pb-210				
R016	Contaminated zone (cm**3/g)	1.000E+02	1.000E+02	---	DCNUCC(12)
R016	Unsaturated zone 1 (cm**3/g)	1.000E+02	1.000E+02	---	DCNUCU(12,1)
R016	Saturated zone (cm**3/g)	1.000E+02	1.000E+02	---	DCNUCS(12)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	8.082E-04	ALEACH(12)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(12)
R016	Distribution coefficients for Ra-226				
R016	Contaminated zone (cm**3/g)	7.000E+01	7.000E+01	---	DCNUCC(13)
R016	Unsaturated zone 1 (cm**3/g)	7.000E+01	7.000E+01	---	DCNUCU(13,1)
R016	Saturated zone (cm**3/g)	7.000E+01	7.000E+01	---	DCNUCS(13)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	1.154E-03	ALEACH(13)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(13)
R016	Distribution coefficients for Sr-90				
R016	Contaminated zone (cm**3/g)	2.200E+01	3.000E+01	---	DCNUCC(14)
R016	Unsaturated zone 1 (cm**3/g)	2.200E+01	3.000E+01	---	DCNUCU(14,1)
R016	Saturated zone (cm**3/g)	2.200E+01	3.000E+01	---	DCNUCS(14)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	3.655E-03	ALEACH(14)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(14)
R016	Distribution coefficients for Th-230				
R016	Contaminated zone (cm**3/g)	6.000E+04	6.000E+04	---	DCNUCC(15)
R016	Unsaturated zone 1 (cm**3/g)	6.000E+04	6.000E+04	---	DCNUCU(15,1)
R016	Saturated zone (cm**3/g)	6.000E+04	6.000E+04	---	DCNUCS(15)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	1.349E-06	ALEACH(15)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(15)
R016	Distribution coefficients for U-234				
R016	Contaminated zone (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCC(16)
R016	Unsaturated zone 1 (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCU(16,1)
R016	Saturated zone (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCS(16)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	1.614E-03	ALEACH(16)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(16)

Site-Specific Parameter Summary (continued)

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R016	Distribution coefficients for U-235				
R016	Contaminated zone (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCC(17)
R016	Unsaturated zone 1 (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCU(17,1)
R016	Saturated zone (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCS(17)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	1.614E-03	ALEACH(17)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(17)
R016	Distribution coefficients for U-238				
R016	Contaminated zone (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCC(18)
R016	Unsaturated zone 1 (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCU(18,1)
R016	Saturated zone (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCS(18)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	1.614E-03	ALEACH(18)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(18)
R017	Inhalation rate (m**3/yr)	7.300E+03	8.400E+03	---	INHALR
R017	Mass loading for inhalation (g/m**3)	1.000E-04	1.000E-04	---	MLINH
R017	Exposure duration	3.000E+01	3.000E+01	---	ED
R017	Shielding factor, inhalation	4.000E-01	4.000E-01	---	SHF3
R017	Shielding factor, external gamma	8.000E-01	7.000E-01	---	SHF1
R017	Fraction of time spent indoors	5.000E-01	5.000E-01	---	FIND
R017	Fraction of time spent outdoors (on site)	2.500E-01	2.500E-01	---	FOTD
R017	Shape factor flag, external gamma	1.000E+00	1.000E+00	>0 shows circular AREA.	FS
R017	Radii of shape factor array (used if FS = -1):				
R017	Outer annular radius (m), ring 1:	not used	5.000E+01	---	RAD_SHAPE(1)
R017	Outer annular radius (m), ring 2:	not used	7.071E+01	---	RAD_SHAPE(2)
R017	Outer annular radius (m), ring 3:	not used	0.000E+00	---	RAD_SHAPE(3)
R017	Outer annular radius (m), ring 4:	not used	0.000E+00	---	RAD_SHAPE(4)
R017	Outer annular radius (m), ring 5:	not used	0.000E+00	---	RAD_SHAPE(5)
R017	Outer annular radius (m), ring 6:	not used	0.000E+00	---	RAD_SHAPE(6)
R017	Outer annular radius (m), ring 7:	not used	0.000E+00	---	RAD_SHAPE(7)
R017	Outer annular radius (m), ring 8:	not used	0.000E+00	---	RAD_SHAPE(8)
R017	Outer annular radius (m), ring 9:	not used	0.000E+00	---	RAD_SHAPE(9)
R017	Outer annular radius (m), ring 10:	not used	0.000E+00	---	RAD_SHAPE(10)
R017	Outer annular radius (m), ring 11:	not used	0.000E+00	---	RAD_SHAPE(11)
R017	Outer annular radius (m), ring 12:	not used	0.000E+00	---	RAD_SHAPE(12)
R017	Fractions of annular areas within AREA:				
R017	Ring 1	not used	1.000E+00	---	FRACA(1)
R017	Ring 2	not used	2.732E-01	---	FRACA(2)
R017	Ring 3	not used	0.000E+00	---	FRACA(3)
R017	Ring 4	not used	0.000E+00	---	FRACA(4)
R017	Ring 5	not used	0.000E+00	---	FRACA(5)
R017	Ring 6	not used	0.000E+00	---	FRACA(6)
R017	Ring 7	not used	0.000E+00	---	FRACA(7)
R017	Ring 8	not used	0.000E+00	---	FRACA(8)
R017	Ring 9	not used	0.000E+00	---	FRACA(9)
R017	Ring 10	not used	0.000E+00	---	FRACA(10)
R017	Ring 11	not used	0.000E+00	---	FRACA(11)
R017	Ring 12	not used	0.000E+00	---	FRACA(12)

Site-Specific Parameter Summary (continued)

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R018	Fruits, vegetables and grain consumption (kg/yr)	not used	1.600E+02	---	DIET(1)
R018	Leafy vegetable consumption (kg/yr)	not used	1.400E+01	---	DIET(2)
R018	Milk consumption (L/yr)	not used	9.200E+01	---	DIET(3)
R018	Meat and poultry consumption (kg/yr)	not used	6.300E+01	---	DIET(4)
R018	Fish consumption (kg/yr)	not used	5.400E+00	---	DIET(5)
R018	Other seafood consumption (kg/yr)	not used	9.000E-01	---	DIET(6)
R018	Soil ingestion rate (g/yr)	4.380E+01	3.650E+01	---	SOIL
R018	Drinking water intake (L/yr)	7.000E+02	5.100E+02	---	DWI
R018	Contamination fraction of drinking water	1.000E+00	1.000E+00	---	FDW
R018	Contamination fraction of household water	not used	1.000E+00	---	FHHW
R018	Contamination fraction of livestock water	not used	1.000E+00	---	FLW
R018	Contamination fraction of irrigation water	not used	1.000E+00	---	FIRW
R018	Contamination fraction of aquatic food	not used	5.000E-01	---	FR9
R018	Contamination fraction of plant food	not used	-1	---	FPLANT
R018	Contamination fraction of meat	not used	-1	---	FMEAT
R018	Contamination fraction of milk	not used	-1	---	FMILK
R019	Livestock fodder intake for meat (kg/day)	not used	6.800E+01	---	LFI5
R019	Livestock fodder intake for milk (kg/day)	not used	5.500E+01	---	LFI6
R019	Livestock water intake for meat (L/day)	not used	5.000E+01	---	LWI5
R019	Livestock water intake for milk (L/day)	not used	1.600E+02	---	LWI6
R019	Livestock soil intake (kg/day)	not used	5.000E-01	---	LSI
R019	Mass loading for foliar deposition (g/m**3)	not used	1.000E-04	---	MLFD
R019	Depth of soil mixing layer (m)	1.500E-01	1.500E-01	---	DM
R019	Depth of roots (m)	not used	9.000E-01	---	DROOT
R019	Drinking water fraction from ground water	1.000E+00	1.000E+00	---	FGWDW
R019	Household water fraction from ground water	not used	1.000E+00	---	FGWHH
R019	Livestock water fraction from ground water	not used	1.000E+00	---	FGWLW
R019	Irrigation fraction from ground water	not used	1.000E+00	---	FGWIR
R19B	Wet weight crop yield for Non-Leafy (kg/m**2)	not used	7.000E-01	---	YV(1)
R19B	Wet weight crop yield for Leafy (kg/m**2)	not used	1.500E+00	---	YV(2)
R19B	Wet weight crop yield for Fodder (kg/m**2)	not used	1.100E+00	---	YV(3)
R19B	Growing Season for Non-Leafy (years)	not used	1.700E-01	---	TE(1)
R19B	Growing Season for Leafy (years)	not used	2.500E-01	---	TE(2)
R19B	Growing Season for Fodder (years)	not used	8.000E-02	---	TE(3)
R19B	Translocation Factor for Non-Leafy	not used	1.000E-01	---	TIV(1)
R19B	Translocation Factor for Leafy	not used	1.000E+00	---	TIV(2)
R19B	Translocation Factor for Fodder	not used	1.000E+00	---	TIV(3)
R19B	Dry Foliar Interception Fraction for Non-Leafy	not used	2.500E-01	---	RDRY(1)
R19B	Dry Foliar Interception Fraction for Leafy	not used	2.500E-01	---	RDRY(2)
R19B	Dry Foliar Interception Fraction for Fodder	not used	2.500E-01	---	RDRY(3)
R19B	Wet Foliar Interception Fraction for Non-Leafy	not used	2.500E-01	---	RWET(1)
R19B	Wet Foliar Interception Fraction for Leafy	not used	2.500E-01	---	RWET(2)
R19B	Wet Foliar Interception Fraction for Fodder	not used	2.500E-01	---	RWET(3)
R19B	Weathering Removal Constant for Vegetation	not used	2.000E+01	---	WLAM
C14	C-12 concentration in water (g/cm**3)	2.000E-05	2.000E-05	---	C12WTR
C14	C-12 concentration in contaminated soil (g/g)	3.000E-02	3.000E-02	---	C12CZ
C14	Fraction of vegetation carbon from soil	2.000E-02	2.000E-02	---	CSOIL

Site-Specific Parameter Summary (continued)

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
C14	Fraction of vegetation carbon from air	9.800E-01	9.800E-01	---	CAIR
C14	C-14 evasion layer thickness in soil (m)	3.000E-01	3.000E-01	---	DMC
C14	C-14 evasion flux rate from soil (1/sec)	7.000E-07	7.000E-07	---	EVSN
C14	C-12 evasion flux rate from soil (1/sec)	1.000E-10	1.000E-10	---	REVSN
C14	Fraction of grain in beef cattle feed	8.000E-01	8.000E-01	---	AVFG4
C14	Fraction of grain in milk cow feed	2.000E-01	2.000E-01	---	AVFG5
STOR	Storage times of contaminated foodstuffs (days):				
STOR	Fruits, non-leafy vegetables, and grain	1.400E+01	1.400E+01	---	STOR_T(1)
STOR	Leafy vegetables	1.000E+00	1.000E+00	---	STOR_T(2)
STOR	Milk	1.000E+00	1.000E+00	---	STOR_T(3)
STOR	Meat and poultry	2.000E+01	2.000E+01	---	STOR_T(4)
STOR	Fish	7.000E+00	7.000E+00	---	STOR_T(5)
STOR	Crustacea and mollusks	7.000E+00	7.000E+00	---	STOR_T(6)
STOR	Well water	1.000E+00	1.000E+00	---	STOR_T(7)
STOR	Surface water	1.000E+00	1.000E+00	---	STOR_T(8)
STOR	Livestock fodder	4.500E+01	4.500E+01	---	STOR_T(9)
R021	Thickness of building foundation (m)	not used	1.500E-01	---	FLOOR1
R021	Bulk density of building foundation (g/cm**3)	not used	2.400E+00	---	DENSFL
R021	Total porosity of the cover material	not used	4.000E-01	---	TPCV
R021	Total porosity of the building foundation	not used	1.000E-01	---	TPFL
R021	Volumetric water content of the cover material	not used	5.000E-02	---	PH2OCV
R021	Volumetric water content of the foundation	not used	3.000E-02	---	PH2OFL
R021	Diffusion coefficient for radon gas (m/sec):				
R021	in cover material	not used	2.000E-06	---	DIFCV
R021	in foundation material	not used	3.000E-07	---	DIFFL
R021	in contaminated zone soil	not used	2.000E-06	---	DIFCZ
R021	Radon vertical dimension of mixing (m)	not used	2.000E+00	---	HMIX
R021	Average building air exchange rate (1/hr)	not used	5.000E-01	---	REXG
R021	Height of the building (room) (m)	not used	2.500E+00	---	HRM
R021	Building interior area factor	not used	0.000E+00	---	FAI
R021	Building depth below ground surface (m)	not used	-1.000E+00	---	DMFL
R021	Emanating power of Rn-222 gas	not used	2.500E-01	---	EMANA(1)
R021	Emanating power of Rn-220 gas	not used	1.500E-01	---	EMANA(2)
TITL	Number of graphical time points	32	---	---	NPTS
TITL	Maximum number of integration points for dose	17	---	---	LYMAX
TITL	Maximum number of integration points for risk	257	---	---	KYMAX

Summary : IV/FSS_SU 7A_Combined_Ind_Bkgd Subtract
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Summary of Pathway Selections

Pathway	User Selection
1 -- external gamma	active
2 -- inhalation (w/o radon)	active
3 -- plant ingestion	suppressed
4 -- meat ingestion	suppressed
5 -- milk ingestion	suppressed
6 -- aquatic foods	suppressed
7 -- drinking water	active
8 -- soil ingestion	active
9 -- radon	suppressed
Find peak pathway doses	suppressed

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Contaminated Zone Dimensions	
Area:	146.00 square meters
Thickness:	5.00 meters
Cover Depth:	0.00 meters

Initial Soil Concentrations, pCi/g	
Ac-227	8.180E-03
C-14	1.036E+00
Co-60	1.300E-02
Cs-137	6.247E+00
Eu-152	6.440E-02
Eu-154	3.830E-02
Gd-152	6.440E-02
H-3	8.823E+01
Ni-63	6.040E-01
Pa-231	8.180E-03
Pb-210	2.200E-01
Ra-226	2.200E-01
Sr-90	2.573E+01
Th-230	3.450E-02
U-234	3.450E-02
U-235	8.180E-03
U-238	3.450E-02

Total Dose TDOSE(t), mrem/yr
Basic Radiation Dose Limit = 2.500E+01 mrem/yr
Total Mixture Sum M(t) = Fraction of Basic Dose Limit Received at Time (t)

t (years):	0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
TDOSE(t):	1.345E+01	1.325E+01	1.238E+01	1.111E+01	5.041E+00	2.366E+00	6.744E-01	3.361E-01
M(t):	5.379E-01	5.299E-01	4.954E-01	4.444E-01	2.016E-01	9.465E-02	2.698E-02	1.344E-02

Maximum TDOSE(t): 1.345E+01 mrem/yr at t = 0.000E+00 years

Summary : IV/FSS_SU 7A_Combined_Ind_Bkgd Subtract
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Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 0.000E+00 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	8.754E-03	0.0007	7.182E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.702E-04	0.0000
C-14	3.470E-06	0.0000	1.014E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.669E-06	0.0000
Co-60	1.043E-01	0.0078	3.546E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.572E-06	0.0000
Cs-137	1.109E+01	0.8251	2.619E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.481E-03	0.0001
Eu-152	2.334E-01	0.0174	1.844E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.950E-06	0.0000
Eu-154	1.496E-01	0.0111	1.400E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.687E-06	0.0000
Gd-152	0.000E+00	0.0000	2.080E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.973E-05	0.0000
H-3	0.000E+00	0.0000	1.715E-03	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.647E-05	0.0000
Ni-63	0.000E+00	0.0000	5.032E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.665E-06	0.0000
Pa-231	9.807E-04	0.0001	1.506E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.246E-04	0.0000
Pb-210	7.210E-04	0.0001	6.677E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.557E-03	0.0006
Ra-226	1.301E+00	0.0968	2.616E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.511E-03	0.0001
Sr-90	3.300E-01	0.0245	4.415E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.860E-02	0.0014
Th-230	6.733E-05	0.0000	1.495E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.072E-05	0.0000
U-234	7.793E-06	0.0000	6.049E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.679E-05	0.0000
U-235	3.415E-03	0.0003	1.337E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.048E-05	0.0000
U-238	2.787E-03	0.0002	5.409E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.443E-05	0.0000
Total	1.323E+01	0.9838	3.617E-03	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.041E-02	0.0023

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Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 0.000E+00 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	3.018E-03	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.306E-02	0.0010
C-14	2.160E-02	0.0016	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.162E-02	0.0016
Co-60	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.043E-01	0.0078
Cs-137	5.272E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.110E+01	0.8252
Eu-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.334E-01	0.0174
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.496E-01	0.0111
Gd-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.577E-04	0.0000
H-3	7.508E-02	0.0056	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.681E-02	0.0057
Ni-63	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.716E-06	0.0000
Pa-231	3.816E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.938E-03	0.0001
Pb-210	1.378E-03	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.723E-03	0.0007
Ra-226	5.913E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.303E+00	0.0969
Sr-90	8.128E-02	0.0060	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.303E-01	0.0320
Th-230	1.153E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.076E-04	0.0000
U-234	3.797E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.530E-04	0.0000
U-235	8.510E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.447E-03	0.0003
U-238	3.605E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.922E-03	0.0002
Total	1.834E-01	0.0136	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.345E+01	1.0000

*Sum of all water independent and dependent pathways.

Summary : IV/FSS_SU 7A_Combined_Ind_Bkgd Subtract
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Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+00 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	8.446E-03	0.0006	6.929E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.502E-04	0.0000
C-14	5.255E-07	0.0000	1.536E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.071E-07	0.0000
Co-60	9.144E-02	0.0069	3.109E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.378E-06	0.0000
Cs-137	1.084E+01	0.8183	2.558E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.447E-03	0.0001
Eu-152	2.215E-01	0.0167	1.750E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.851E-06	0.0000
Eu-154	1.382E-01	0.0104	1.294E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.559E-06	0.0000
Gd-152	0.000E+00	0.0000	2.080E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.972E-05	0.0000
H-3	0.000E+00	0.0000	5.746E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.516E-06	0.0000
Ni-63	0.000E+00	0.0000	4.995E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.653E-06	0.0000
Pa-231	1.253E-03	0.0001	1.728E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.418E-04	0.0000
Pb-210	6.984E-04	0.0001	6.467E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.319E-03	0.0006
Ra-226	1.299E+00	0.0981	2.816E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.739E-03	0.0001
Sr-90	3.211E-01	0.0242	4.295E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.810E-02	0.0014
Th-230	1.557E-04	0.0000	1.495E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.083E-05	0.0000
U-234	7.781E-06	0.0000	6.039E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.671E-05	0.0000
U-235	3.409E-03	0.0003	1.335E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.048E-05	0.0000
U-238	2.783E-03	0.0002	5.400E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.435E-05	0.0000
Total	1.293E+01	0.9759	2.452E-03	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.985E-02	0.0023

Summary : IV/FSS_SU 7A_Combined_Ind_Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\IV_FSS_SU 7A_COMBINED_IND_BKGD SUBTRACT.RAD

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+00 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	8.812E-03	0.0007	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.850E-02	0.0014
C-14	3.686E-03	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.689E-03	0.0003
Co-60	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.144E-02	0.0069
Cs-137	1.572E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.084E+01	0.8184
Eu-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.215E-01	0.0167
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.382E-01	0.0104
Gd-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.577E-04	0.0000
H-3	2.745E-02	0.0021	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.803E-02	0.0021
Ni-63	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.703E-06	0.0000
Pa-231	1.321E-03	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.188E-03	0.0002
Pb-210	4.035E-03	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.212E-02	0.0009
Ra-226	1.921E-03	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.303E+00	0.0984
Sr-90	2.391E-01	0.0180	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.787E-01	0.0437
Th-230	8.550E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.961E-04	0.0000
U-234	1.142E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.291E-04	0.0000
U-235	2.561E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.459E-03	0.0003
U-238	1.084E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.990E-03	0.0002
Total	2.865E-01	0.0216	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.325E+01	1.0000

*Sum of all water independent and dependent pathways.

Summary : IV/FSS_SU 7A_Combined_Ind_Bkgd Subtract
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Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+00 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	7.318E-03	0.0006	6.003E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.767E-04	0.0000
C-14	2.749E-10	0.0000	8.036E-10	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.699E-10	0.0000
Co-60	5.402E-02	0.0044	1.837E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.139E-07	0.0000
Cs-137	9.877E+00	0.7975	2.331E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.318E-03	0.0001
Eu-152	1.799E-01	0.0145	1.421E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.503E-06	0.0000
Eu-154	1.008E-01	0.0081	9.439E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.137E-06	0.0000
Gd-152	0.000E+00	0.0000	2.079E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.970E-05	0.0000
H-3	0.000E+00	0.0000	7.218E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.929E-08	0.0000
Ni-63	0.000E+00	0.0000	4.852E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.606E-06	0.0000
Pa-231	2.243E-03	0.0002	2.536E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.039E-04	0.0000
Pb-210	6.148E-04	0.0000	5.693E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.443E-03	0.0005
Ra-226	1.291E+00	0.1042	3.550E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.580E-03	0.0002
Sr-90	2.877E-01	0.0232	3.848E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.621E-02	0.0013
Th-230	5.076E-04	0.0000	1.495E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.142E-05	0.0000
U-234	7.743E-06	0.0000	6.001E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.642E-05	0.0000
U-235	3.387E-03	0.0003	1.328E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.045E-05	0.0000
U-238	2.765E-03	0.0002	5.366E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.407E-05	0.0000
Total	1.181E+01	0.9534	1.825E-03	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.778E-02	0.0022

Summary : IV/FSS_SU 7A_Combined_Ind_Bkgd Subtract
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Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+00 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	1.621E-02	0.0013	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.461E-02	0.0020
C-14	1.931E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.932E-06	0.0000
Co-60	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.402E-02	0.0044
Cs-137	5.447E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.878E+00	0.7976
Eu-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.799E-01	0.0145
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.008E-01	0.0081
Gd-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.576E-04	0.0000
H-3	3.449E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.522E-04	0.0000
Ni-63	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.654E-06	0.0000
Pa-231	6.649E-03	0.0005	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.650E-03	0.0008
Pb-210	1.308E-02	0.0011	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.019E-02	0.0016
Ra-226	9.203E-03	0.0007	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.303E+00	0.1052
Sr-90	5.016E-01	0.0405	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.059E-01	0.0651
Th-230	1.365E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.499E-04	0.0001
U-234	4.179E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.321E-04	0.0000
U-235	9.421E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.505E-03	0.0003
U-238	3.968E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.259E-03	0.0003
Total	5.480E-01	0.0442	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.238E+01	1.0000

*Sum of all water independent and dependent pathways.

Summary : IV/FSS_SU 7A_Combined_Ind_Bkgd Subtract
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Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+01 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	6.117E-03	0.0006	5.018E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.984E-04	0.0000
C-14	2.149E-14	0.0000	6.282E-14	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.892E-14	0.0000
Co-60	2.798E-02	0.0025	9.513E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.216E-07	0.0000
Cs-137	8.793E+00	0.7914	2.075E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.173E-03	0.0001
Eu-152	1.386E-01	0.0125	1.095E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.158E-06	0.0000
Eu-154	6.797E-02	0.0061	6.363E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.666E-07	0.0000
Gd-152	0.000E+00	0.0000	2.078E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.968E-05	0.0000
H-3	0.000E+00	0.0000	3.023E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.902E-10	0.0000
Ni-63	0.000E+00	0.0000	4.678E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.548E-06	0.0000
Pa-231	3.287E-03	0.0003	3.386E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.690E-04	0.0001
Pb-210	5.242E-04	0.0000	4.854E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.493E-03	0.0005
Ra-226	1.281E+00	0.1153	4.337E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.481E-03	0.0003
Sr-90	2.508E-01	0.0226	3.355E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.413E-02	0.0013
Th-230	9.444E-04	0.0001	1.495E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.245E-05	0.0000
U-234	7.713E-06	0.0000	5.953E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.605E-05	0.0000
U-235	3.360E-03	0.0003	1.320E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.042E-05	0.0000
U-238	2.743E-03	0.0002	5.323E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.372E-05	0.0000
Total	1.058E+01	0.9520	1.753E-03	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.550E-02	0.0023

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Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+01 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	1.355E-02	0.0012	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.056E-02	0.0019
C-14	1.512E-10	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.513E-10	0.0000
Co-60	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.798E-02	0.0025
Cs-137	9.312E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.794E+00	0.7915
Eu-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.386E-01	0.0125
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.797E-02	0.0061
Gd-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.575E-04	0.0000
H-3	1.445E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.475E-06	0.0000
Ni-63	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.595E-06	0.0000
Pa-231	1.103E-02	0.0010	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.523E-02	0.0014
Pb-210	2.134E-02	0.0019	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.741E-02	0.0025
Ra-226	2.209E-02	0.0020	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.307E+00	0.1176
Sr-90	4.372E-01	0.0393	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.024E-01	0.0632
Th-230	6.007E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.192E-03	0.0001
U-234	6.292E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.425E-04	0.0001
U-235	1.428E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.527E-03	0.0003
U-238	5.974E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.437E-03	0.0003
Total	5.066E-01	0.0456	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.111E+01	1.0000

*Sum of all water independent and dependent pathways.

Summary : IV/FSS_SU 7A_Combined_Ind_Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\IV_FSS_SU 7A_COMBINED_IND_BKGD SUBTRACT.RAD

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+01 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	1.458E-03	0.0003	1.196E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.496E-05	0.0000
C-14	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Co-60	1.449E-04	0.0000	4.926E-11	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.183E-09	0.0000
Cs-137	3.468E+00	0.6880	8.185E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.629E-04	0.0001
Eu-152	1.725E-02	0.0034	1.363E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.441E-07	0.0000
Eu-154	2.899E-03	0.0006	2.714E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.270E-08	0.0000
Gd-152	0.000E+00	0.0000	2.070E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.948E-05	0.0000
H-3	0.000E+00	0.0000	2.401E-27	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Ni-63	0.000E+00	0.0000	3.493E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.156E-06	0.0000
Pa-231	7.053E-03	0.0014	6.432E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.919E-04	0.0002
Pb-210	1.464E-04	0.0000	1.355E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.534E-03	0.0003
Ra-226	1.202E+00	0.2386	7.352E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.981E-03	0.0014
Sr-90	8.361E-02	0.0166	1.119E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.713E-03	0.0009
Th-230	4.316E-03	0.0009	1.496E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.078E-04	0.0000
U-234	8.160E-06	0.0000	5.586E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.320E-05	0.0000
U-235	3.155E-03	0.0006	1.282E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.036E-05	0.0000
U-238	2.571E-03	0.0005	4.990E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.099E-05	0.0000
Total	4.793E+00	0.9509	1.438E-03	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.483E-02	0.0029

Summary : IV/FSS_SU 7A_Combined_Ind_Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\IV_FSS_SU 7A_COMBINED_IND_BKGD SUBTRACT.RAD

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+01 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	3.222E-03	0.0006	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.895E-03	0.0010
C-14	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Co-60	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.449E-04	0.0000
Cs-137	1.785E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.469E+00	0.6881
Eu-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.725E-02	0.0034
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.899E-03	0.0006
Gd-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.565E-04	0.0001
H-3	1.150E-25	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.174E-25	0.0000
Ni-63	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.191E-06	0.0000
Pa-231	1.910E-02	0.0038	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.759E-02	0.0055
Pb-210	1.050E-02	0.0021	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.219E-02	0.0024
Ra-226	5.147E-02	0.0102	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.261E+00	0.2502
Sr-90	1.455E-01	0.0289	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.339E-01	0.0464
Th-230	1.104E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.684E-03	0.0009
U-234	5.889E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.961E-04	0.0001
U-235	1.470E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.325E-03	0.0007
U-238	5.593E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.221E-03	0.0006
Total	2.312E-01	0.0459	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.041E+00	1.0000

*Sum of all water independent and dependent pathways.

Summary : IV/FSS_SU 7A_Combined_Ind_Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\IV_FSS_SU 7A_COMBINED_IND_BKGD SUBTRACT.RAD

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+02 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	2.427E-04	0.0001	1.992E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.581E-05	0.0000
C-14	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Co-60	2.012E-07	0.0000	6.842E-14	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.032E-12	0.0000
Cs-137	1.084E+00	0.4581	2.559E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.447E-04	0.0001
Eu-152	1.275E-03	0.0005	1.007E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.065E-08	0.0000
Eu-154	5.620E-05	0.0000	5.262E-11	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.339E-10	0.0000
Gd-152	0.000E+00	0.0000	2.060E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.924E-05	0.0000
H-3	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Ni-63	0.000E+00	0.0000	2.425E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.025E-07	0.0000
Pa-231	7.523E-03	0.0032	6.767E-04	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.964E-04	0.0003
Pb-210	2.971E-05	0.0000	2.751E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.114E-04	0.0001
Ra-226	1.111E+00	0.4694	7.793E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.583E-03	0.0032
Sr-90	2.119E-02	0.0090	2.834E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.194E-03	0.0005
Th-230	8.240E-03	0.0035	1.498E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.330E-04	0.0001
U-234	1.026E-05	0.0000	5.158E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.990E-05	0.0000
U-235	2.918E-03	0.0012	1.251E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.037E-05	0.0000
U-238	2.372E-03	0.0010	4.604E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.782E-05	0.0000
Total	2.239E+00	0.9461	1.272E-03	0.0005	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.032E-02	0.0044

Summary : IV/FSS_SU 7A_Combined_Ind_Bkgd Subtract
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Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+02 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	5.352E-04	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.137E-04	0.0003
C-14	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Co-60	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.012E-07	0.0000
Cs-137	1.119E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.084E+00	0.4582
Eu-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.275E-03	0.0005
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.621E-05	0.0000
Gd-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.552E-04	0.0001
H-3	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Ni-63	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.267E-07	0.0000
Pa-231	1.982E-02	0.0084	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.881E-02	0.0122
Pb-210	2.129E-03	0.0009	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.473E-03	0.0010
Ra-226	5.524E-02	0.0233	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.174E+00	0.4960
Sr-90	3.677E-02	0.0155	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.918E-02	0.0250
Th-230	2.790E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.802E-03	0.0037
U-234	5.422E-04	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.440E-04	0.0003
U-235	1.554E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.096E-03	0.0013
U-238	5.150E-04	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.971E-03	0.0013
Total	1.160E-01	0.0490	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.366E+00	1.0000

*Sum of all water independent and dependent pathways.

Summary : IV/FSS_SU 7A_Combined_Ind_Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\IV_FSS_SU 7A_COMBINED_IND_BKGD SUBTRACT.RAD

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+02 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	1.435E-10	0.0000	1.177E-11	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.348E-12	0.0000
C-14	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Co-60	2.789E-30	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Cs-137	9.881E-05	0.0001	2.332E-11	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.319E-08	0.0000
Eu-152	1.136E-12	0.0000	7.723E-18	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.112E-17	0.0000
Eu-154	1.121E-18	0.0000	1.049E-24	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.264E-23	0.0000
Gd-152	0.000E+00	0.0000	1.981E-04	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.735E-05	0.0001
H-3	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Ni-63	0.000E+00	0.0000	1.307E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.326E-08	0.0000
Pa-231	4.029E-03	0.0060	3.615E-04	0.0005	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.217E-04	0.0006
Pb-210	8.569E-11	0.0000	7.935E-12	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.980E-10	0.0000
Ra-226	5.888E-01	0.8731	4.280E-05	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.188E-03	0.0062
Sr-90	3.598E-07	0.0000	4.814E-10	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.028E-08	0.0000
Th-230	3.050E-02	0.0452	1.508E-04	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.903E-04	0.0004
U-234	6.299E-05	0.0001	2.742E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.150E-05	0.0000
U-235	1.564E-03	0.0023	9.624E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.017E-06	0.0000
U-238	1.244E-03	0.0018	2.417E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.985E-05	0.0000
Total	6.263E-01	0.9287	8.144E-04	0.0012	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.998E-03	0.0074

Summary : IV/FSS_SU 7A_Combined_Ind_Bkgd Subtract
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Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+02 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	3.090E-10	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.736E-10	0.0000
C-14	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Co-60	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.789E-30	0.0000
Cs-137	5.384E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.883E-05	0.0001
Eu-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.136E-12	0.0000
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.121E-18	0.0000
Gd-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.454E-04	0.0004
H-3	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Ni-63	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.457E-08	0.0000
Pa-231	1.034E-02	0.0153	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.515E-02	0.0225
Pb-210	6.074E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.066E-09	0.0000
Ra-226	3.000E-02	0.0445	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.230E-01	0.9238
Sr-90	6.101E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.907E-07	0.0000
Th-230	1.229E-03	0.0018	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.217E-02	0.0477
U-234	2.813E-04	0.0004	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.932E-04	0.0006
U-235	1.676E-04	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.750E-03	0.0026
U-238	2.653E-04	0.0004	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.553E-03	0.0023
Total	4.228E-02	0.0627	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.744E-01	1.0000

*Sum of all water independent and dependent pathways.

Summary : IV/FSS_SU 7A_Combined_Ind_Bkgd Subtract
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Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+03 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	2.352E-18	0.0000	1.930E-19	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.532E-19	0.0000
C-14	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Co-60	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Cs-137	8.800E-10	0.0000	2.077E-16	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.175E-13	0.0000
Eu-152	5.528E-24	0.0000	6.499E-18	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.553E-18	0.0000
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Gd-152	0.000E+00	0.0000	1.886E-04	0.0006	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.508E-05	0.0001
H-3	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Ni-63	0.000E+00	0.0000	3.395E-11	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.124E-09	0.0000
Pa-231	1.779E-03	0.0053	1.596E-04	0.0005	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.862E-04	0.0006
Pb-210	1.018E-17	0.0000	9.429E-19	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.067E-16	0.0000
Ra-226	2.663E-01	0.7922	1.936E-05	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.894E-03	0.0056
Sr-90	3.923E-13	0.0000	5.249E-16	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.211E-14	0.0000
Th-230	4.411E-02	0.1312	1.510E-04	0.0004	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.868E-04	0.0012
U-234	1.488E-04	0.0004	1.268E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.066E-05	0.0000
U-235	7.168E-04	0.0021	5.991E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.003E-06	0.0000
U-238	5.550E-04	0.0017	1.080E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.872E-06	0.0000
Total	3.136E-01	0.9330	5.480E-04	0.0016	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.538E-03	0.0076

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Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+03 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	4.866E-18	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.565E-18	0.0000
C-14	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Co-60	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Cs-137	1.030E-13	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.802E-10	0.0000
Eu-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.052E-18	0.0000
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Gd-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.337E-04	0.0007
H-3	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Ni-63	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.158E-09	0.0000
Pa-231	4.407E-03	0.0131	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.531E-03	0.0194
Pb-210	7.071E-16	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.249E-16	0.0000
Ra-226	1.305E-02	0.0388	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.812E-01	0.8367
Sr-90	6.394E-13	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.054E-12	0.0000
Th-230	1.627E-03	0.0048	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.628E-02	0.1377
U-234	1.270E-04	0.0004	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.991E-04	0.0009
U-235	1.191E-04	0.0004	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.480E-04	0.0025
U-238	1.148E-04	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.895E-04	0.0021
Total	1.944E-02	0.0578	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.361E-01	1.0000

*Sum of all water independent and dependent pathways.

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Dose/Source Ratios Summed Over All Pathways
Parent and Progeny Principal Radionuclide Contributions Indicated

Parent (i)	Product (j)	Thread Fraction	DSR(j,t) At Time in Years (mrem/yr)/(pCi/g) 0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
Ac-227+D	Ac-227+D	1.000E+00	1.597E+00	2.262E+00	3.008E+00	2.514E+00	5.984E-01	9.947E-02	5.790E-08	9.248E-16
C-14	C-14	1.000E+00	2.087E-02	3.560E-03	1.865E-06	1.460E-10	1.275E-43	0.000E+00	0.000E+00	0.000E+00
Co-60	Co-60	1.000E+00	8.023E+00	7.034E+00	4.155E+00	2.152E+00	1.114E-02	1.548E-05	2.145E-28	0.000E+00
Cs-137+D	Cs-137+D	1.000E+00	1.776E+00	1.735E+00	1.581E+00	1.408E+00	5.552E-01	1.736E-01	1.582E-05	1.409E-10
Eu-152	Eu-152	7.208E-01	2.612E+00	2.480E+00	2.013E+00	1.552E+00	1.931E-01	1.427E-02	1.271E-11	6.187E-23
Eu-152	Eu-152	2.792E-01	1.012E+00	9.605E-01	7.798E-01	6.010E-01	7.479E-02	5.528E-03	4.925E-12	2.397E-23
Eu-152	Gd-152	2.792E-01	3.524E-18	1.033E-17	3.428E-17	5.796E-17	1.273E-16	1.358E-16	1.313E-16	1.250E-16
Eu-152	∑DSR(j)		1.012E+00	9.605E-01	7.798E-01	6.010E-01	7.479E-02	5.528E-03	4.925E-12	1.250E-16
Eu-154	Eu-154	1.000E+00	3.905E+00	3.609E+00	2.633E+00	1.775E+00	7.570E-02	1.468E-03	2.927E-17	2.193E-34
Gd-152	Gd-152	1.000E+00	4.002E-03	4.002E-03	4.000E-03	3.998E-03	3.983E-03	3.963E-03	3.811E-03	3.628E-03
H-3	H-3	1.000E+00	8.706E-04	3.177E-04	3.992E-06	1.672E-08	1.331E-27	0.000E+00	0.000E+00	0.000E+00
Ni-63	Ni-63	1.000E+00	2.841E-06	2.820E-06	2.739E-06	2.641E-06	1.972E-06	1.369E-06	7.379E-08	1.917E-09
Pa-231	Pa-231	1.000E+00	2.118E-01	2.942E-01	6.228E-01	8.508E-01	7.959E-01	7.323E-01	3.750E-01	1.613E-01
Pa-231	Ac-227+D	1.000E+00	2.508E-02	9.550E-02	5.568E-01	1.011E+00	2.577E+00	2.790E+00	1.477E+00	6.371E-01
Pa-231	∑DSR(j)		2.369E-01	3.897E-01	1.180E+00	1.861E+00	3.373E+00	3.522E+00	1.852E+00	7.984E-01
Pb-210+D	Pb-210+D	1.000E+00	4.419E-02	5.508E-02	9.179E-02	1.246E-01	5.542E-02	1.124E-02	3.212E-08	3.750E-15
Ra-226+D	Ra-226+D	1.000E+00	5.923E+00	5.919E+00	5.902E+00	5.880E+00	5.526E+00	5.105E+00	2.705E+00	1.223E+00
Ra-226+D	Pb-210+D	1.000E+00	7.585E-04	2.900E-03	2.012E-02	5.830E-02	2.055E-01	2.305E-01	1.267E-01	5.531E-02
Ra-226+D	∑DSR(j)		5.924E+00	5.922E+00	5.922E+00	5.939E+00	5.732E+00	5.335E+00	2.832E+00	1.278E+00
Sr-90+D	Sr-90+D	1.000E+00	1.672E-02	2.249E-02	3.132E-02	2.730E-02	9.091E-03	2.300E-03	3.850E-08	4.098E-14
Th-230	Th-230	1.000E+00	7.632E-03	7.632E-03	7.632E-03	7.631E-03	7.628E-03	7.624E-03	7.593E-03	7.553E-03
Th-230	Ra-226+D	1.000E+00	1.283E-03	3.848E-03	1.409E-02	2.683E-02	1.255E-01	2.404E-01	8.914E-01	1.288E+00
Th-230	Pb-210+D	1.000E+00	1.024E-07	8.410E-07	1.795E-05	9.447E-05	2.611E-03	7.149E-03	3.361E-02	4.539E-02
Th-230	∑DSR(j)		8.915E-03	1.148E-02	2.174E-02	3.456E-02	1.358E-01	2.551E-01	9.326E-01	1.341E+00
U-234	U-234	1.000E+00	4.436E-03	6.640E-03	1.542E-02	2.152E-02	2.015E-02	1.855E-02	9.562E-03	4.145E-03
U-234	Th-230	1.000E+00	3.439E-08	1.031E-07	3.772E-07	7.177E-07	3.342E-06	6.392E-06	2.359E-05	3.396E-05
U-234	Ra-226+D	1.000E+00	3.895E-09	2.706E-08	3.499E-07	1.269E-06	2.819E-05	1.059E-04	1.742E-03	4.310E-03
U-234	Pb-210+D	1.000E+00	1.599E-10	4.486E-10	2.015E-09	5.093E-09	4.309E-07	2.622E-06	6.994E-05	1.804E-04
U-234	∑DSR(j)		4.436E-03	6.640E-03	1.542E-02	2.152E-02	2.018E-02	1.867E-02	1.140E-02	8.669E-03

Summary : IV/FSS_SU 7A_Combined_Ind_Bkgd Subtract
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Dose/Source Ratios Summed Over All Pathways
Parent and Progeny Principal Radionuclide Contributions Indicated

Parent (i)	Product (j)	Thread Fraction	DSR(j,t) At Time in Years (mrem/yr)/(pCi/g) 0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
U-235+D	U-235+D	1.000E+00	4.214E-01	4.228E-01	4.284E-01	4.309E-01	4.039E-01	3.725E-01	1.952E-01	8.699E-02
U-235+D	Pa-231	1.000E+00	2.386E-06	9.483E-06	7.263E-05	1.890E-04	8.509E-04	1.559E-03	3.993E-03	3.451E-03
U-235+D	Ac-227+D	1.000E+00	1.937E-07	1.565E-06	3.266E-05	1.192E-04	1.756E-03	4.408E-03	1.480E-02	1.323E-02
U-235+D	∑DSR(j)		4.214E-01	4.228E-01	4.285E-01	4.312E-01	4.065E-01	3.785E-01	2.140E-01	1.037E-01
U-238	U-238	5.400E-05	2.075E-07	3.147E-07	7.421E-07	1.039E-06	9.727E-07	8.958E-07	4.622E-07	2.006E-07
U-238+D	U-238+D	9.999E-01	8.469E-02	8.665E-02	9.448E-02	9.962E-02	9.337E-02	8.610E-02	4.500E-02	1.997E-02
U-238+D	U-234	9.999E-01	6.810E-09	2.874E-08	2.409E-07	6.405E-07	2.884E-06	5.286E-06	1.358E-05	1.177E-05
U-238+D	Th-230	9.999E-01	5.631E-14	3.020E-13	3.218E-12	1.135E-11	2.421E-10	8.981E-10	1.457E-08	3.589E-08
U-238+D	Ra-226+D	9.999E-01	4.964E-11	1.566E-10	5.616E-10	1.426E-09	1.361E-08	3.376E-08	8.587E-07	3.612E-06
U-238+D	Pb-210+D	9.999E-01	2.098E-10	6.567E-10	2.344E-09	5.766E-09	4.785E-08	9.257E-08	3.897E-07	6.623E-07
U-238+D	∑DSR(j)		8.469E-02	8.665E-02	9.448E-02	9.962E-02	9.337E-02	8.611E-02	4.502E-02	1.998E-02

The DSR includes contributions from associated (half-life ≤ 180 days) daughters.

Single Radionuclide Soil Guidelines G(i,t) in pCi/g
Basic Radiation Dose Limit = 2.500E+01 mrem/yr

Nuclide (i)	t= 0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
Ac-227	1.566E+01	1.105E+01	8.311E+00	9.945E+00	4.178E+01	2.513E+02	4.318E+08	*7.232E+13
C-14	1.198E+03	7.022E+03	1.341E+07	1.712E+11	*4.455E+12	*4.455E+12	*4.455E+12	*4.455E+12
Co-60	3.116E+00	3.554E+00	6.016E+00	1.162E+01	2.243E+03	1.615E+06	*1.132E+15	*1.132E+15
Cs-137	1.407E+01	1.441E+01	1.581E+01	1.776E+01	4.503E+01	1.440E+02	1.580E+06	1.774E+11
Eu-152	6.898E+00	7.267E+00	8.951E+00	1.161E+01	9.333E+01	1.263E+03	1.417E+12	*1.765E+14
Eu-154	6.402E+00	6.927E+00	9.496E+00	1.409E+01	3.302E+02	1.704E+04	*2.639E+14	*2.639E+14
Gd-152	*2.179E+01	*2.179E+01	*2.179E+01	*2.179E+01	*2.179E+01	*2.179E+01	*2.179E+01	*2.179E+01
H-3	2.872E+04	7.869E+04	6.262E+06	1.495E+09	*9.597E+15	*9.597E+15	*9.597E+15	*9.597E+15
Ni-63	8.801E+06	8.865E+06	9.128E+06	9.468E+06	1.268E+07	1.827E+07	3.388E+08	1.304E+10
Pa-231	1.055E+02	6.414E+01	2.119E+01	1.343E+01	7.412E+00	7.097E+00	1.350E+01	3.131E+01
Pb-210	5.657E+02	4.539E+02	2.724E+02	2.007E+02	4.511E+02	2.224E+03	7.784E+08	*7.634E+13
Ra-226	4.220E+00	4.222E+00	4.222E+00	4.210E+00	4.362E+00	4.686E+00	8.828E+00	1.956E+01
Sr-90	1.495E+03	1.112E+03	7.982E+02	9.158E+02	2.750E+03	1.087E+04	6.493E+08	*1.365E+14
Th-230	2.804E+03	2.178E+03	1.150E+03	7.234E+02	1.841E+02	9.799E+01	2.681E+01	1.864E+01
U-234	5.636E+03	3.765E+03	1.621E+03	1.162E+03	1.239E+03	1.339E+03	2.193E+03	2.884E+03
U-235	5.933E+01	5.913E+01	5.834E+01	5.798E+01	6.150E+01	6.605E+01	1.168E+02	2.412E+02
U-238	2.952E+02	2.885E+02	2.646E+02	2.509E+02	2.677E+02	2.903E+02	5.554E+02	1.251E+03

*At specific activity limit

Summary : IV/FSS_SU 7A_Combined_Ind_Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\IV_FSS_SU 7A_COMBINED_IND_BKGD SUBTRACT.RAD

Summed Dose/Source Ratios DSR(i,t) in (mrem/yr)/(pCi/g)
and Single Radionuclide Soil Guidelines G(i,t) in pCi/g
at tmin = time of minimum single radionuclide soil guideline
and at tmax = time of maximum total dose = 0.000E+00 years

Nuclide (i)	Initial (pCi/g)	tmin (years)	DSR(i,tmin)	G(i,tmin) (pCi/g)	DSR(i,tmax)	G(i,tmax) (pCi/g)
Ac-227	8.180E-03	2.916 ± 0.006	3.227E+00	7.748E+00	1.597E+00	1.566E+01
C-14	1.036E+00	0.000E+00	2.087E-02	1.198E+03	2.087E-02	1.198E+03
Co-60	1.300E-02	0.000E+00	8.023E+00	3.116E+00	8.023E+00	3.116E+00
Cs-137	6.247E+00	0.000E+00	1.776E+00	1.407E+01	1.776E+00	1.407E+01
Eu-152	6.440E-02	0.000E+00	3.624E+00	6.898E+00	3.624E+00	6.898E+00
Eu-154	3.830E-02	0.000E+00	3.905E+00	6.402E+00	3.905E+00	6.402E+00
Gd-152	6.440E-02	0.000E+00	4.002E-03	*2.179E+01	4.002E-03	*2.179E+01
H-3	8.823E+01	0.000E+00	8.706E-04	2.872E+04	8.706E-04	2.872E+04
Ni-63	6.040E-01	0.000E+00	2.841E-06	8.801E+06	2.841E-06	8.801E+06
Pa-231	8.180E-03	82.9 ± 0.2	3.549E+00	7.045E+00	2.369E-01	1.055E+02
Pb-210	2.200E-01	17.69 ± 0.04	1.534E-01	1.630E+02	4.419E-02	5.657E+02
Ra-226	2.200E-01	12.23 ± 0.02	5.948E+00	4.203E+00	5.924E+00	4.220E+00
Sr-90	2.573E+01	3.239 ± 0.006	3.274E-02	7.635E+02	1.672E-02	1.495E+03
Th-230	3.450E-02	1.000E+03	1.341E+00	1.864E+01	8.915E-03	2.804E+03
U-234	3.450E-02	8.32 ± 0.02	2.158E-02	1.158E+03	4.436E-03	5.636E+03
U-235	8.180E-03	8.08 ± 0.02	4.324E-01	5.782E+01	4.214E-01	5.933E+01
U-238	3.450E-02	8.26 ± 0.02	9.990E-02	2.502E+02	8.469E-02	2.952E+02

*At specific activity limit

Summary : IV/FSS_SU 7A_Combined_Ind_Bkgd Subtract
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Individual Nuclide Dose Summed Over All Pathways
Parent Nuclide and Branch Fraction Indicated

Nuclide (j)	Parent (i)	THF(i)	DOSE(j,t), mrem/yr t= 0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
Ac-227	Ac-227	1.000E+00	1.306E-02	1.850E-02	2.461E-02	2.056E-02	4.895E-03	8.137E-04	4.736E-10	7.565E-18
Ac-227	Pa-231	1.000E+00	2.051E-04	7.812E-04	4.555E-03	8.267E-03	2.108E-02	2.282E-02	1.208E-02	5.211E-03
Ac-227	U-235	1.000E+00	1.584E-09	1.280E-08	2.671E-07	9.747E-07	1.436E-05	3.606E-05	1.211E-04	1.082E-04
Ac-227	∑DOSE(j)		1.327E-02	1.928E-02	2.916E-02	2.883E-02	2.599E-02	2.367E-02	1.220E-02	5.320E-03
C-14	C-14	1.000E+00	2.162E-02	3.689E-03	1.932E-06	1.513E-10	0.000E+00	0.000E+00	0.000E+00	0.000E+00
Co-60	Co-60	1.000E+00	1.043E-01	9.144E-02	5.402E-02	2.798E-02	1.449E-04	2.012E-07	2.789E-30	0.000E+00
Cs-137	Cs-137	1.000E+00	1.110E+01	1.084E+01	9.878E+00	8.794E+00	3.469E+00	1.084E+00	9.883E-05	8.802E-10
Eu-152	Eu-152	7.208E-01	1.682E-01	1.597E-01	1.297E-01	9.992E-02	1.243E-02	9.191E-04	8.187E-13	3.985E-24
Eu-152	Eu-152	2.792E-01	6.516E-02	6.186E-02	5.022E-02	3.870E-02	4.816E-03	3.560E-04	3.171E-13	1.543E-24
Eu-152	∑DOSE(j)		2.334E-01	2.215E-01	1.799E-01	1.386E-01	1.725E-02	1.275E-03	1.136E-12	5.528E-24
Gd-152	Eu-152	2.792E-01	2.270E-19	6.655E-19	2.207E-18	3.733E-18	8.199E-18	8.748E-18	8.457E-18	8.052E-18
Gd-152	Gd-152	1.000E+00	2.577E-04	2.577E-04	2.576E-04	2.575E-04	2.565E-04	2.552E-04	2.454E-04	2.337E-04
Gd-152	∑DOSE(j)		2.577E-04	2.577E-04	2.576E-04	2.575E-04	2.565E-04	2.552E-04	2.454E-04	2.337E-04
Eu-154	Eu-154	1.000E+00	1.496E-01	1.382E-01	1.008E-01	6.797E-02	2.899E-03	5.621E-05	1.121E-18	0.000E+00
H-3	H-3	1.000E+00	7.681E-02	2.803E-02	3.522E-04	1.475E-06	1.174E-25	0.000E+00	0.000E+00	0.000E+00
Ni-63	Ni-63	1.000E+00	1.716E-06	1.703E-06	1.654E-06	1.595E-06	1.191E-06	8.267E-07	4.457E-08	1.158E-09
Pa-231	Pa-231	1.000E+00	1.732E-03	2.407E-03	5.095E-03	6.959E-03	6.511E-03	5.990E-03	3.068E-03	1.320E-03
Pa-231	U-235	1.000E+00	1.952E-08	7.757E-08	5.941E-07	1.546E-06	6.960E-06	1.275E-05	3.266E-05	2.823E-05
Pa-231	∑DOSE(j)		1.732E-03	2.407E-03	5.095E-03	6.961E-03	6.518E-03	6.003E-03	3.101E-03	1.348E-03
Pb-210	Pb-210	1.000E+00	9.723E-03	1.212E-02	2.019E-02	2.741E-02	1.219E-02	2.473E-03	7.066E-09	8.249E-16
Pb-210	Ra-226	1.000E+00	1.669E-04	6.381E-04	4.426E-03	1.283E-02	4.520E-02	5.072E-02	2.788E-02	1.217E-02
Pb-210	Th-230	1.000E+00	3.532E-09	2.902E-08	6.191E-07	3.259E-06	9.007E-05	2.466E-04	1.160E-03	1.566E-03
Pb-210	U-234	1.000E+00	5.516E-12	1.548E-11	6.951E-11	1.757E-10	1.487E-08	9.047E-08	2.413E-06	6.224E-06
Pb-210	U-238	9.999E-01	7.239E-12	2.266E-11	8.088E-11	1.989E-10	1.651E-09	3.194E-09	1.344E-08	2.285E-08
Pb-210	∑DOSE(j)		9.889E-03	1.276E-02	2.462E-02	4.024E-02	5.749E-02	5.344E-02	2.904E-02	1.374E-02
Ra-226	Ra-226	1.000E+00	1.303E+00	1.302E+00	1.298E+00	1.294E+00	1.216E+00	1.123E+00	5.951E-01	2.691E-01
Ra-226	Th-230	1.000E+00	4.427E-05	1.328E-04	4.860E-04	9.258E-04	4.331E-03	8.292E-03	3.075E-02	4.445E-02
Ra-226	U-234	1.000E+00	1.344E-10	9.337E-10	1.207E-08	4.377E-08	9.725E-07	3.654E-06	6.009E-05	1.487E-04
Ra-226	U-238	9.999E-01	1.713E-12	5.404E-12	1.938E-11	4.921E-11	4.697E-10	1.165E-09	2.963E-08	1.246E-07
Ra-226	∑DOSE(j)		1.303E+00	1.302E+00	1.299E+00	1.295E+00	1.220E+00	1.131E+00	6.260E-01	3.137E-01
Sr-90	Sr-90	1.000E+00	4.303E-01	5.787E-01	8.059E-01	7.024E-01	2.339E-01	5.918E-02	9.907E-07	1.054E-12
Th-230	Th-230	1.000E+00	2.633E-04	2.633E-04	2.633E-04	2.633E-04	2.632E-04	2.630E-04	2.619E-04	2.606E-04
Th-230	U-234	1.000E+00	1.186E-09	3.557E-09	1.301E-08	2.476E-08	1.153E-07	2.205E-07	8.138E-07	1.172E-06
Th-230	U-238	9.999E-01	1.943E-15	1.042E-14	1.110E-13	3.915E-13	8.352E-12	3.098E-11	5.027E-10	1.238E-09
Th-230	∑DOSE(j)		2.633E-04	2.633E-04	2.633E-04	2.633E-04	2.633E-04	2.633E-04	2.628E-04	2.618E-04

Summary : IV/FSS_SU 7A_Combined_Ind_Bkgd Subtract
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Individual Nuclide Dose Summed Over All Pathways
Parent Nuclide and Branch Fraction Indicated

Nuclide	Parent	THF(i)	DOSE(j,t), mrem/yr							
(j)	(i)	t=	0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
U-234	U-234	1.000E+00	1.530E-04	2.291E-04	5.320E-04	7.424E-04	6.950E-04	6.400E-04	3.299E-04	1.430E-04
U-234	U-238	9.999E-01	2.349E-10	9.917E-10	8.312E-09	2.210E-08	9.951E-08	1.824E-07	4.684E-07	4.061E-07
U-234	∑DOSE(j)		1.530E-04	2.291E-04	5.321E-04	7.424E-04	6.951E-04	6.402E-04	3.304E-04	1.434E-04
U-235	U-235	1.000E+00	3.447E-03	3.459E-03	3.504E-03	3.524E-03	3.304E-03	3.047E-03	1.597E-03	7.115E-04
U-238	U-238	5.400E-05	7.158E-09	1.086E-08	2.560E-08	3.584E-08	3.356E-08	3.090E-08	1.595E-08	6.920E-09
U-238	U-238	9.999E-01	2.922E-03	2.990E-03	3.259E-03	3.437E-03	3.221E-03	2.971E-03	1.553E-03	6.889E-04
U-238	∑DOSE(j)		2.922E-03	2.990E-03	3.259E-03	3.437E-03	3.221E-03	2.971E-03	1.553E-03	6.889E-04

THF(i) is the thread fraction of the parent nuclide.

Summary : IV/FSS_SU 7A_Combined_Ind_Bkgd Subtract
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Individual Nuclide Soil Concentration
Parent Nuclide and Branch Fraction Indicated

Nuclide (j)	Parent (i)	THF(i)	S(j,t), pCi/g							
		t=	0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
Ac-227	Ac-227	1.000E+00	8.180E-03	7.892E-03	6.838E-03	5.715E-03	1.362E-03	2.268E-04	1.341E-10	2.198E-18
Ac-227	Pa-231	1.000E+00	0.000E+00	2.556E-04	1.187E-03	2.170E-03	5.746E-03	6.251E-03	3.360E-03	1.483E-03
Ac-227	U-235	1.000E+00	0.000E+00	2.719E-09	6.458E-08	2.426E-07	3.868E-06	9.816E-06	3.364E-05	3.078E-05
Ac-227	∑S(j):		8.180E-03	8.148E-03	8.025E-03	7.885E-03	7.112E-03	6.488E-03	3.394E-03	1.514E-03
C-14	C-14	1.000E+00	1.036E+00	1.569E-01	8.216E-05	6.429E-09	5.572E-42	0.000E+00	0.000E+00	0.000E+00
Co-60	Co-60	1.000E+00	1.300E-02	1.140E-02	6.733E-03	3.487E-03	1.806E-05	2.508E-08	3.476E-31	0.000E+00
Cs-137	Cs-137	1.000E+00	6.247E+00	6.103E+00	5.561E+00	4.951E+00	1.953E+00	6.104E-01	5.564E-05	4.955E-10
Eu-152	Eu-152	7.208E-01	4.642E-02	4.406E-02	3.577E-02	2.757E-02	3.431E-03	2.536E-04	2.259E-13	1.100E-24
Eu-152	Eu-152	2.792E-01	1.798E-02	1.707E-02	1.386E-02	1.068E-02	1.329E-03	9.823E-05	8.751E-14	4.259E-25
Eu-152	∑S(j):		6.440E-02	6.113E-02	4.963E-02	3.825E-02	4.760E-03	3.518E-04	3.134E-13	1.525E-24
Gd-152	Eu-152	2.792E-01	0.000E+00	1.124E-16	5.078E-16	8.990E-16	2.044E-15	2.185E-15	2.113E-15	2.012E-15
Gd-152	Gd-152	1.000E+00	6.440E-02	6.439E-02	6.437E-02	6.434E-02	6.408E-02	6.377E-02	6.132E-02	5.838E-02
Gd-152	∑S(j):		6.440E-02	6.439E-02	6.437E-02	6.434E-02	6.408E-02	6.377E-02	6.132E-02	5.838E-02
Eu-154	Eu-154	1.000E+00	3.830E-02	3.540E-02	2.582E-02	1.741E-02	7.425E-04	1.439E-05	2.870E-19	2.151E-36
H-3	H-3	1.000E+00	8.823E+01	2.955E+01	3.714E-01	1.556E-03	1.240E-22	0.000E+00	0.000E+00	0.000E+00
Ni-63	Ni-63	1.000E+00	6.040E-01	5.996E-01	5.823E-01	5.615E-01	4.193E-01	2.910E-01	1.569E-02	4.075E-04
Pa-231	Pa-231	1.000E+00	8.180E-03	8.167E-03	8.113E-03	8.047E-03	7.538E-03	6.946E-03	3.611E-03	1.594E-03
Pa-231	U-235	1.000E+00	0.000E+00	1.728E-07	8.584E-07	1.703E-06	7.979E-06	1.471E-05	3.841E-05	3.409E-05
Pa-231	∑S(j):		8.180E-03	8.167E-03	8.114E-03	8.049E-03	7.546E-03	6.961E-03	3.650E-03	1.629E-03
Pb-210	Pb-210	1.000E+00	2.200E-01	2.131E-01	1.876E-01	1.599E-01	4.466E-02	9.066E-03	2.614E-08	3.107E-15
Pb-210	Ra-226	1.000E+00	0.000E+00	6.725E-03	3.148E-02	5.806E-02	1.626E-01	1.832E-01	1.021E-01	4.615E-02
Pb-210	Th-230	1.000E+00	0.000E+00	2.297E-07	5.495E-06	2.083E-05	3.537E-04	9.563E-04	4.797E-03	7.158E-03
Pb-210	U-234	1.000E+00	0.000E+00	6.909E-13	8.342E-11	6.396E-10	5.852E-08	3.366E-07	8.865E-06	2.336E-05
Pb-210	U-238	9.999E-01	0.000E+00	4.904E-19	2.977E-16	4.596E-15	2.201E-12	2.635E-11	3.687E-09	1.837E-08
Pb-210	∑S(j):		2.200E-01	2.198E-01	2.191E-01	2.180E-01	2.076E-01	1.933E-01	1.069E-01	5.333E-02
Ra-226	Ra-226	1.000E+00	2.200E-01	2.197E-01	2.183E-01	2.165E-01	2.032E-01	1.877E-01	9.949E-02	4.500E-02
Ra-226	Th-230	1.000E+00	0.000E+00	1.493E-05	7.443E-05	1.483E-04	7.182E-04	1.381E-03	5.143E-03	7.443E-03
Ra-226	U-234	1.000E+00	0.000E+00	6.720E-11	1.673E-09	6.655E-09	1.594E-07	6.048E-07	1.002E-05	2.483E-05
Ra-226	U-238	9.999E-01	0.000E+00	6.349E-17	7.898E-15	6.280E-14	7.481E-12	5.637E-11	4.400E-09	2.002E-08
Ra-226	∑S(j):		2.200E-01	2.197E-01	2.183E-01	2.167E-01	2.039E-01	1.891E-01	1.046E-01	5.246E-02
Sr-90	Sr-90	1.000E+00	2.573E+01	2.503E+01	2.243E+01	1.955E+01	6.519E+00	1.652E+00	2.806E-05	3.059E-11
Th-230	Th-230	1.000E+00	3.450E-02	3.450E-02	3.450E-02	3.450E-02	3.448E-02	3.446E-02	3.432E-02	3.414E-02
Th-230	U-234	1.000E+00	0.000E+00	3.103E-07	1.547E-06	3.081E-06	1.491E-05	2.866E-05	1.062E-04	1.529E-04
Th-230	U-238	9.999E-01	0.000E+00	4.397E-13	1.095E-11	4.355E-11	1.043E-09	3.954E-09	6.531E-08	1.612E-07
Th-230	∑S(j):		3.450E-02	3.450E-02	3.450E-02	3.450E-02	3.450E-02	3.449E-02	3.443E-02	3.430E-02

Summary : IV/FSS_SU 7A_Combined_Ind_Bkgd Subtract
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Individual Nuclide Soil Concentration
Parent Nuclide and Branch Fraction Indicated

Nuclide (j)	Parent (i)	THF(i)	S(j,t), pCi/g t= 0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
U-234	U-234	1.000E+00	3.450E-02	3.444E-02	3.422E-02	3.395E-02	3.182E-02	2.935E-02	1.537E-02	6.849E-03
U-234	U-238	9.999E-01	0.000E+00	9.764E-08	4.851E-07	9.623E-07	4.511E-06	8.321E-06	2.180E-05	1.944E-05
U-234	∑S(j):		3.450E-02	3.444E-02	3.422E-02	3.395E-02	3.183E-02	2.936E-02	1.539E-02	6.868E-03
U-235	U-235	1.000E+00	8.180E-03	8.167E-03	8.114E-03	8.049E-03	7.546E-03	6.961E-03	3.650E-03	1.629E-03
U-238	U-238	5.400E-05	1.863E-06	1.860E-06	1.848E-06	1.833E-06	1.719E-06	1.585E-06	8.312E-07	3.709E-07
U-238	U-238	9.999E-01	3.450E-02	3.444E-02	3.422E-02	3.395E-02	3.182E-02	2.936E-02	1.539E-02	6.868E-03
U-238	∑S(j):		3.450E-02	3.444E-02	3.422E-02	3.395E-02	3.183E-02	2.936E-02	1.539E-02	6.868E-03

THF(i) is the thread fraction of the parent nuclide.

RESCALC.EXE execution time = 19.27 seconds

Summary : IV/FSS_SU 7A_Combined_Res_Bkgd Subtract
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Dose Conversion Factor (and Related) Parameter Summary
Dose Library: FGR 11

Menu	Parameter	Current Value#	Base Case*	Parameter Name
A-1	DCF's for external ground radiation, (mrem/yr)/(pCi/g)			
A-1	Ac-227 (Source: FGR 12)	4.951E-04	4.951E-04	DCF1(1)
A-1	At-218 (Source: FGR 12)	5.847E-03	5.847E-03	DCF1(2)
A-1	Ba-137m (Source: FGR 12)	3.606E+00	3.606E+00	DCF1(3)
A-1	Bi-210 (Source: FGR 12)	3.606E-03	3.606E-03	DCF1(4)
A-1	Bi-211 (Source: FGR 12)	2.559E-01	2.559E-01	DCF1(5)
A-1	Bi-214 (Source: FGR 12)	9.808E+00	9.808E+00	DCF1(6)
A-1	C-14 (Source: FGR 12)	1.345E-05	1.345E-05	DCF1(7)
A-1	Co-60 (Source: FGR 12)	1.622E+01	1.622E+01	DCF1(8)
A-1	Cs-137 (Source: FGR 12)	7.510E-04	7.510E-04	DCF1(9)
A-1	Eu-152 (Source: FGR 12)	7.006E+00	7.006E+00	DCF1(10)
A-1	Eu-154 (Source: FGR 12)	7.678E+00	7.678E+00	DCF1(11)
A-1	Fr-223 (Source: FGR 12)	1.980E-01	1.980E-01	DCF1(12)
A-1	Gd-152 (Source: FGR 12)	0.000E+00	0.000E+00	DCF1(13)
A-1	H-3 (Source: FGR 12)	0.000E+00	0.000E+00	DCF1(14)
A-1	Ni-63 (Source: FGR 12)	0.000E+00	0.000E+00	DCF1(15)
A-1	Pa-231 (Source: FGR 12)	1.906E-01	1.906E-01	DCF1(16)
A-1	Pa-234 (Source: FGR 12)	1.155E+01	1.155E+01	DCF1(17)
A-1	Pa-234m (Source: FGR 12)	8.967E-02	8.967E-02	DCF1(18)
A-1	Pb-210 (Source: FGR 12)	2.447E-03	2.447E-03	DCF1(19)
A-1	Pb-211 (Source: FGR 12)	3.064E-01	3.064E-01	DCF1(20)
A-1	Pb-214 (Source: FGR 12)	1.341E+00	1.341E+00	DCF1(21)
A-1	Po-210 (Source: FGR 12)	5.231E-05	5.231E-05	DCF1(22)
A-1	Po-211 (Source: FGR 12)	4.764E-02	4.764E-02	DCF1(23)
A-1	Po-214 (Source: FGR 12)	5.138E-04	5.138E-04	DCF1(24)
A-1	Po-215 (Source: FGR 12)	1.016E-03	1.016E-03	DCF1(25)
A-1	Po-218 (Source: FGR 12)	5.642E-05	5.642E-05	DCF1(26)
A-1	Ra-223 (Source: FGR 12)	6.034E-01	6.034E-01	DCF1(27)
A-1	Ra-226 (Source: FGR 12)	3.176E-02	3.176E-02	DCF1(28)
A-1	Rn-219 (Source: FGR 12)	3.083E-01	3.083E-01	DCF1(29)
A-1	Rn-222 (Source: FGR 12)	2.354E-03	2.354E-03	DCF1(30)
A-1	Sr-90 (Source: FGR 12)	7.043E-04	7.043E-04	DCF1(31)
A-1	Th-227 (Source: FGR 12)	5.212E-01	5.212E-01	DCF1(32)
A-1	Th-230 (Source: FGR 12)	1.209E-03	1.209E-03	DCF1(33)
A-1	Th-231 (Source: FGR 12)	3.643E-02	3.643E-02	DCF1(34)
A-1	Th-234 (Source: FGR 12)	2.410E-02	2.410E-02	DCF1(35)
A-1	Tl-207 (Source: FGR 12)	1.980E-02	1.980E-02	DCF1(36)
A-1	Tl-210 (Source: no data)	0.000E+00	-2.000E+00	DCF1(37)
A-1	U-234 (Source: FGR 12)	4.017E-04	4.017E-04	DCF1(38)
A-1	U-235 (Source: FGR 12)	7.211E-01	7.211E-01	DCF1(39)
A-1	U-238 (Source: FGR 12)	1.031E-04	1.031E-04	DCF1(40)
A-1	Y-90 (Source: FGR 12)	2.391E-02	2.391E-02	DCF1(41)
B-1	Dose conversion factors for inhalation, mrem/pCi:			
B-1	Ac-227+D	6.724E+00	6.700E+00	DCF2(1)
B-1	C-14(p) (Class: ORGANIC)	2.090E-06	2.090E-06	DCF2(2)
B-1	C-14(g) (Class: CO2)	2.350E-08	2.350E-08	C14GInhDCF
B-1	Co-60	2.190E-04	2.190E-04	DCF2(3)
B-1	Cs-137+D	3.190E-05	3.190E-05	DCF2(4)
B-1	Eu-152	2.210E-04	2.210E-04	DCF2(5)

Dose Conversion Factor (and Related) Parameter Summary (continued)
Dose Library: FGR 11

Menu	Parameter	Current Value#	Base Case*	Parameter Name
B-1	Eu-154	2.860E-04	2.860E-04	DCF2(7)
B-1	Gd-152	2.430E-01	2.430E-01	DCF2(8)
B-1	H-3	6.400E-08	6.400E-08	DCF2(9)
B-1	Ni-63	6.290E-06	6.290E-06	DCF2(10)
B-1	Pa-231	1.280E+00	1.280E+00	DCF2(11)
B-1	Pb-210+D	2.320E-02	1.360E-02	DCF2(12)
B-1	Ra-226+D	8.594E-03	8.580E-03	DCF2(13)
B-1	Sr-90+D	1.308E-03	1.300E-03	DCF2(14)
B-1	Th-230	3.260E-01	3.260E-01	DCF2(15)
B-1	U-234	1.320E-01	1.320E-01	DCF2(16)
B-1	U-235+D	1.230E-01	1.230E-01	DCF2(17)
B-1	U-238	1.180E-01	1.180E-01	DCF2(18)
B-1	U-238+D	1.180E-01	1.180E-01	DCF2(19)
D-1	Dose conversion factors for ingestion, mrem/pCi:			
D-1	Ac-227+D	1.480E-02	1.410E-02	DCF3(1)
D-1	C-14	2.090E-06	2.090E-06	DCF3(2)
D-1	Co-60	2.690E-05	2.690E-05	DCF3(3)
D-1	Cs-137+D	5.000E-05	5.000E-05	DCF3(4)
D-1	Eu-152	6.480E-06	6.480E-06	DCF3(5)
D-1	Eu-154	9.550E-06	9.550E-06	DCF3(7)
D-1	Gd-152	1.610E-04	1.610E-04	DCF3(8)
D-1	H-3	6.400E-08	6.400E-08	DCF3(9)
D-1	Ni-63	5.770E-07	5.770E-07	DCF3(10)
D-1	Pa-231	1.060E-02	1.060E-02	DCF3(11)
D-1	Pb-210+D	7.276E-03	5.370E-03	DCF3(12)
D-1	Ra-226+D	1.321E-03	1.320E-03	DCF3(13)
D-1	Sr-90+D	1.528E-04	1.420E-04	DCF3(14)
D-1	Th-230	5.480E-04	5.480E-04	DCF3(15)
D-1	U-234	2.830E-04	2.830E-04	DCF3(16)
D-1	U-235+D	2.673E-04	2.660E-04	DCF3(17)
D-1	U-238	2.550E-04	2.550E-04	DCF3(18)
D-1	U-238+D	2.687E-04	2.550E-04	DCF3(19)
D-34	Food transfer factors:			
D-34	Ac-227+D , plant/soil concentration ratio, dimensionless	2.500E-03	2.500E-03	RTF(1,1)
D-34	Ac-227+D , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	2.000E-05	2.000E-05	RTF(1,2)
D-34	Ac-227+D , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	2.000E-05	2.000E-05	RTF(1,3)
D-34				
D-34	C-14 , plant/soil concentration ratio, dimensionless	5.500E+00	5.500E+00	RTF(2,1)
D-34	C-14 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	3.100E-02	3.100E-02	RTF(2,2)
D-34	C-14 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	1.200E-02	1.200E-02	RTF(2,3)
D-34				
D-34	Co-60 , plant/soil concentration ratio, dimensionless	8.000E-02	8.000E-02	RTF(3,1)
D-34	Co-60 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	2.000E-02	2.000E-02	RTF(3,2)
D-34	Co-60 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	2.000E-03	2.000E-03	RTF(3,3)
D-34				
D-34	Cs-137+D , plant/soil concentration ratio, dimensionless	4.000E-02	4.000E-02	RTF(4,1)
D-34	Cs-137+D , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	3.000E-02	3.000E-02	RTF(4,2)
D-34	Cs-137+D , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	8.000E-03	8.000E-03	RTF(4,3)

Dose Conversion Factor (and Related) Parameter Summary (continued)
Dose Library: FGR 11

Menu	Parameter	Current Value#	Base Case*	Parameter Name
D-34	Eu-152 , plant/soil concentration ratio, dimensionless	2.500E-03	2.500E-03	RTF(5,1)
D-34	Eu-152 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	2.000E-03	2.000E-03	RTF(5,2)
D-34	Eu-152 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	5.000E-05	5.000E-05	RTF(5,3)
D-34				
D-34	Eu-154 , plant/soil concentration ratio, dimensionless	2.500E-03	2.500E-03	RTF(7,1)
D-34	Eu-154 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	2.000E-03	2.000E-03	RTF(7,2)
D-34	Eu-154 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	5.000E-05	5.000E-05	RTF(7,3)
D-34				
D-34	Gd-152 , plant/soil concentration ratio, dimensionless	2.500E-03	2.500E-03	RTF(8,1)
D-34	Gd-152 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	2.000E-03	2.000E-03	RTF(8,2)
D-34	Gd-152 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	2.000E-05	2.000E-05	RTF(8,3)
D-34				
D-34	H-3 , plant/soil concentration ratio, dimensionless	4.800E+00	4.800E+00	RTF(9,1)
D-34	H-3 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	1.200E-02	1.200E-02	RTF(9,2)
D-34	H-3 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	1.000E-02	1.000E-02	RTF(9,3)
D-34				
D-34	Ni-63 , plant/soil concentration ratio, dimensionless	5.000E-02	5.000E-02	RTF(10,1)
D-34	Ni-63 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	5.000E-03	5.000E-03	RTF(10,2)
D-34	Ni-63 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	2.000E-02	2.000E-02	RTF(10,3)
D-34				
D-34	Pa-231 , plant/soil concentration ratio, dimensionless	1.000E-02	1.000E-02	RTF(11,1)
D-34	Pa-231 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	5.000E-03	5.000E-03	RTF(11,2)
D-34	Pa-231 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	5.000E-06	5.000E-06	RTF(11,3)
D-34				
D-34	Pb-210+D , plant/soil concentration ratio, dimensionless	1.000E-02	1.000E-02	RTF(12,1)
D-34	Pb-210+D , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	8.000E-04	8.000E-04	RTF(12,2)
D-34	Pb-210+D , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	3.000E-04	3.000E-04	RTF(12,3)
D-34				
D-34	Ra-226+D , plant/soil concentration ratio, dimensionless	4.000E-02	4.000E-02	RTF(13,1)
D-34	Ra-226+D , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	1.000E-03	1.000E-03	RTF(13,2)
D-34	Ra-226+D , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	1.000E-03	1.000E-03	RTF(13,3)
D-34				
D-34	Sr-90+D , plant/soil concentration ratio, dimensionless	3.000E-01	3.000E-01	RTF(14,1)
D-34	Sr-90+D , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	8.000E-03	8.000E-03	RTF(14,2)
D-34	Sr-90+D , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	2.000E-03	2.000E-03	RTF(14,3)
D-34				
D-34	Th-230 , plant/soil concentration ratio, dimensionless	1.000E-03	1.000E-03	RTF(15,1)
D-34	Th-230 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	1.000E-04	1.000E-04	RTF(15,2)
D-34	Th-230 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	5.000E-06	5.000E-06	RTF(15,3)
D-34				
D-34	U-234 , plant/soil concentration ratio, dimensionless	2.500E-03	2.500E-03	RTF(16,1)
D-34	U-234 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	3.400E-04	3.400E-04	RTF(16,2)
D-34	U-234 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	6.000E-04	6.000E-04	RTF(16,3)
D-34				
D-34	U-235+D , plant/soil concentration ratio, dimensionless	2.500E-03	2.500E-03	RTF(17,1)
D-34	U-235+D , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	3.400E-04	3.400E-04	RTF(17,2)
D-34	U-235+D , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	6.000E-04	6.000E-04	RTF(17,3)
D-34				

Dose Conversion Factor (and Related) Parameter Summary (continued)
Dose Library: FGR 11

Menu	Parameter	Current Value#	Base Case*	Parameter Name
D-34	U-238 , plant/soil concentration ratio, dimensionless	2.500E-03	2.500E-03	RTF(18,1)
D-34	U-238 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	3.400E-04	3.400E-04	RTF(18,2)
D-34	U-238 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	6.000E-04	6.000E-04	RTF(18,3)
D-34				
D-34	U-238+D , plant/soil concentration ratio, dimensionless	2.500E-03	2.500E-03	RTF(19,1)
D-34	U-238+D , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	3.400E-04	3.400E-04	RTF(19,2)
D-34	U-238+D , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	6.000E-04	6.000E-04	RTF(19,3)
D-5	Bioaccumulation factors, fresh water, L/kg:			
D-5	Ac-227+D , fish	1.500E+01	1.500E+01	BIOFAC(1,1)
D-5	Ac-227+D , crustacea and mollusks	1.000E+03	1.000E+03	BIOFAC(1,2)
D-5				
D-5	C-14 , fish	5.000E+04	5.000E+04	BIOFAC(2,1)
D-5	C-14 , crustacea and mollusks	9.100E+03	9.100E+03	BIOFAC(2,2)
D-5				
D-5	Co-60 , fish	3.000E+02	3.000E+02	BIOFAC(3,1)
D-5	Co-60 , crustacea and mollusks	2.000E+02	2.000E+02	BIOFAC(3,2)
D-5				
D-5	Cs-137+D , fish	2.000E+03	2.000E+03	BIOFAC(4,1)
D-5	Cs-137+D , crustacea and mollusks	1.000E+02	1.000E+02	BIOFAC(4,2)
D-5				
D-5	Eu-152 , fish	5.000E+01	5.000E+01	BIOFAC(5,1)
D-5	Eu-152 , crustacea and mollusks	1.000E+03	1.000E+03	BIOFAC(5,2)
D-5				
D-5	Eu-154 , fish	5.000E+01	5.000E+01	BIOFAC(7,1)
D-5	Eu-154 , crustacea and mollusks	1.000E+03	1.000E+03	BIOFAC(7,2)
D-5				
D-5	Gd-152 , fish	2.500E+01	2.500E+01	BIOFAC(8,1)
D-5	Gd-152 , crustacea and mollusks	1.000E+03	1.000E+03	BIOFAC(8,2)
D-5				
D-5	H-3 , fish	1.000E+00	1.000E+00	BIOFAC(9,1)
D-5	H-3 , crustacea and mollusks	1.000E+00	1.000E+00	BIOFAC(9,2)
D-5				
D-5	Ni-63 , fish	1.000E+02	1.000E+02	BIOFAC(10,1)
D-5	Ni-63 , crustacea and mollusks	1.000E+02	1.000E+02	BIOFAC(10,2)
D-5				
D-5	Pa-231 , fish	1.000E+01	1.000E+01	BIOFAC(11,1)
D-5	Pa-231 , crustacea and mollusks	1.100E+02	1.100E+02	BIOFAC(11,2)
D-5				
D-5	Pb-210+D , fish	3.000E+02	3.000E+02	BIOFAC(12,1)
D-5	Pb-210+D , crustacea and mollusks	1.000E+02	1.000E+02	BIOFAC(12,2)
D-5				
D-5	Ra-226+D , fish	5.000E+01	5.000E+01	BIOFAC(13,1)
D-5	Ra-226+D , crustacea and mollusks	2.500E+02	2.500E+02	BIOFAC(13,2)
D-5				
D-5	Sr-90+D , fish	6.000E+01	6.000E+01	BIOFAC(14,1)
D-5	Sr-90+D , crustacea and mollusks	1.000E+02	1.000E+02	BIOFAC(14,2)
D-5				
D-5	Th-230 , fish	1.000E+02	1.000E+02	BIOFAC(15,1)
D-5	Th-230 , crustacea and mollusks	5.000E+02	5.000E+02	BIOFAC(15,2)

Summary : IV/FSS_SU 7A_Combined_Res_Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\IV_FSS_SU 7A_COMBINED_RES_BKGD SUBTRACT.RAD

Dose Conversion Factor (and Related) Parameter Summary (continued)
Dose Library: FGR 11

Menu	Parameter	Current Value#	Base Case*	Parameter Name
D-5	U-234 , fish	1.000E+01	1.000E+01	BIOFAC(16,1)
D-5	U-234 , crustacea and mollusks	6.000E+01	6.000E+01	BIOFAC(16,2)
D-5				
D-5	U-235+D , fish	1.000E+01	1.000E+01	BIOFAC(17,1)
D-5	U-235+D , crustacea and mollusks	6.000E+01	6.000E+01	BIOFAC(17,2)
D-5				
D-5	U-238 , fish	1.000E+01	1.000E+01	BIOFAC(18,1)
D-5	U-238 , crustacea and mollusks	6.000E+01	6.000E+01	BIOFAC(18,2)
D-5				
D-5	U-238+D , fish	1.000E+01	1.000E+01	BIOFAC(19,1)
D-5	U-238+D , crustacea and mollusks	6.000E+01	6.000E+01	BIOFAC(19,2)

#For DCF1(xxx) only, factors are for infinite depth & area. See ETFG table in Ground Pathway of Detailed Report.
*Base Case means Default.Lib w/o Associate Nuclide contributions.

Summary : IV/FSS_SU 7A_Combined_Res_Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\IV_FSS_SU 7A_COMBINED_RES_BKGD SUBTRACT.RAD

Site-Specific Parameter Summary

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R011	Area of contaminated zone (m**2)	1.460E+02	1.000E+04	---	AREA
R011	Thickness of contaminated zone (m)	5.000E+00	2.000E+00	---	THICK0
R011	Fraction of contamination that is submerged	0.000E+00	0.000E+00	---	SUBMFRACT
R011	Length parallel to aquifer flow (m)	1.200E+01	1.000E+02	---	LCZPAQ
R011	Basic radiation dose limit (mrem/yr)	2.500E+01	3.000E+01	---	BRDL
R011	Time since placement of material (yr)	0.000E+00	0.000E+00	---	TI
R011	Times for calculations (yr)	1.000E+00	1.000E+00	---	T(2)
R011	Times for calculations (yr)	5.000E+00	3.000E+00	---	T(3)
R011	Times for calculations (yr)	1.000E+01	1.000E+01	---	T(4)
R011	Times for calculations (yr)	5.000E+01	3.000E+01	---	T(5)
R011	Times for calculations (yr)	1.000E+02	1.000E+02	---	T(6)
R011	Times for calculations (yr)	5.000E+02	3.000E+02	---	T(7)
R011	Times for calculations (yr)	1.000E+03	1.000E+03	---	T(8)
R011	Times for calculations (yr)	not used	0.000E+00	---	T(9)
R011	Times for calculations (yr)	not used	0.000E+00	---	T(10)
R012	Initial principal radionuclide (pCi/g): Ac-227	8.180E-03	0.000E+00	---	S1(1)
R012	Initial principal radionuclide (pCi/g): C-14	1.036E+00	0.000E+00	---	S1(2)
R012	Initial principal radionuclide (pCi/g): Co-60	1.300E-02	0.000E+00	---	S1(3)
R012	Initial principal radionuclide (pCi/g): Cs-137	6.247E+00	0.000E+00	---	S1(4)
R012	Initial principal radionuclide (pCi/g): Eu-152	6.440E-02	0.000E+00	---	S1(5)
R012	Initial principal radionuclide (pCi/g): Eu-154	3.830E-02	0.000E+00	---	S1(7)
R012	Initial principal radionuclide (pCi/g): Gd-152	6.440E-02	0.000E+00	---	S1(8)
R012	Initial principal radionuclide (pCi/g): H-3	8.823E+01	0.000E+00	---	S1(9)
R012	Initial principal radionuclide (pCi/g): Ni-63	6.040E-01	0.000E+00	---	S1(10)
R012	Initial principal radionuclide (pCi/g): Pa-231	8.180E-03	0.000E+00	---	S1(11)
R012	Initial principal radionuclide (pCi/g): Pb-210	2.200E-01	0.000E+00	---	S1(12)
R012	Initial principal radionuclide (pCi/g): Ra-226	2.200E-01	0.000E+00	---	S1(13)
R012	Initial principal radionuclide (pCi/g): Sr-90	2.573E+01	0.000E+00	---	S1(14)
R012	Initial principal radionuclide (pCi/g): Th-230	3.450E-02	0.000E+00	---	S1(15)
R012	Initial principal radionuclide (pCi/g): U-234	3.450E-02	0.000E+00	---	S1(16)
R012	Initial principal radionuclide (pCi/g): U-235	8.180E-03	0.000E+00	---	S1(17)
R012	Initial principal radionuclide (pCi/g): U-238	3.450E-02	0.000E+00	---	S1(18)
R012	Concentration in groundwater (pCi/L): Ac-227	not used	0.000E+00	---	W1(1)
R012	Concentration in groundwater (pCi/L): C-14	not used	0.000E+00	---	W1(2)
R012	Concentration in groundwater (pCi/L): Co-60	not used	0.000E+00	---	W1(3)
R012	Concentration in groundwater (pCi/L): Cs-137	not used	0.000E+00	---	W1(4)
R012	Concentration in groundwater (pCi/L): Eu-152	not used	0.000E+00	---	W1(5)
R012	Concentration in groundwater (pCi/L): Eu-154	not used	0.000E+00	---	W1(7)
R012	Concentration in groundwater (pCi/L): Gd-152	not used	0.000E+00	---	W1(8)
R012	Concentration in groundwater (pCi/L): H-3	not used	0.000E+00	---	W1(9)
R012	Concentration in groundwater (pCi/L): Ni-63	not used	0.000E+00	---	W1(10)
R012	Concentration in groundwater (pCi/L): Pa-231	not used	0.000E+00	---	W1(11)
R012	Concentration in groundwater (pCi/L): Pb-210	not used	0.000E+00	---	W1(12)
R012	Concentration in groundwater (pCi/L): Ra-226	not used	0.000E+00	---	W1(13)
R012	Concentration in groundwater (pCi/L): Sr-90	not used	0.000E+00	---	W1(14)
R012	Concentration in groundwater (pCi/L): Th-230	not used	0.000E+00	---	W1(15)
R012	Concentration in groundwater (pCi/L): U-234	not used	0.000E+00	---	W1(16)
R012	Concentration in groundwater (pCi/L): U-235	not used	0.000E+00	---	W1(17)
R012	Concentration in groundwater (pCi/L): U-238	not used	0.000E+00	---	W1(18)

Site-Specific Parameter Summary (continued)

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R013	Cover depth (m)	0.000E+00	0.000E+00	---	COVER0
R013	Density of cover material (g/cm**3)	not used	1.500E+00	---	DENSCV
R013	Cover depth erosion rate (m/yr)	not used	1.000E-03	---	VCV
R013	Density of contaminated zone (g/cm**3)	1.660E+00	1.500E+00	---	DENSCZ
R013	Contaminated zone erosion rate (m/yr)	1.000E-03	1.000E-03	---	VCZ
R013	Contaminated zone total porosity	3.300E-01	4.000E-01	---	TPCZ
R013	Contaminated zone field capacity	2.400E-01	2.000E-01	---	FCCZ
R013	Contaminated zone hydraulic conductivity (m/yr)	5.000E+03	1.000E+01	---	HCCZ
R013	Contaminated zone b parameter	4.900E+00	5.300E+00	---	BCZ
R013	Average annual wind speed (m/sec)	6.230E+00	2.000E+00	---	WIND
R013	Humidity in air (g/m**3)	8.000E+00	8.000E+00	---	HUMID
R013	Evapotranspiration coefficient	4.600E-01	5.000E-01	---	EVAPTR
R013	Precipitation (m/yr)	1.230E+00	1.000E+00	---	PRECIP
R013	Irrigation (m/yr)	2.600E-01	2.000E-01	---	RI
R013	Irrigation mode	overhead	overhead	---	IDITCH
R013	Runoff coefficient	2.000E-01	2.000E-01	---	RUNOFF
R013	Watershed area for nearby stream or pond (m**2)	1.000E+06	1.000E+06	---	WAREA
R013	Accuracy for water/soil computations	1.000E-03	1.000E-03	---	EPS
R014	Density of saturated zone (g/cm**3)	1.660E+00	1.500E+00	---	DENSAQ
R014	Saturated zone total porosity	3.300E-01	4.000E-01	---	TPSZ
R014	Saturated zone effective porosity	2.400E-01	2.000E-01	---	EPSZ
R014	Saturated zone field capacity	2.000E-01	2.000E-01	---	FCSZ
R014	Saturated zone hydraulic conductivity (m/yr)	2.000E+04	1.000E+02	---	HCSZ
R014	Saturated zone hydraulic gradient	4.800E-03	2.000E-02	---	HGWT
R014	Saturated zone b parameter	4.900E+00	5.300E+00	---	BSZ
R014	Water table drop rate (m/yr)	1.000E-03	1.000E-03	---	VWT
R014	Well pump intake depth (m below water table)	1.800E+01	1.000E+01	---	DWIBWT
R014	Model: Nondispersion (ND) or Mass-Balance (MB)	ND	ND	---	MODEL
R014	Well pumping rate (m**3/yr)	2.500E+02	2.500E+02	---	UW
R015	Number of unsaturated zone strata	1	1	---	NS
R015	Unsat. zone 1, thickness (m)	0.000E+00	4.000E+00	---	H(1)
R015	Unsat. zone 1, soil density (g/cm**3)	1.660E+00	1.500E+00	---	DENSUZ(1)
R015	Unsat. zone 1, total porosity	3.300E-01	4.000E-01	---	TPUZ(1)
R015	Unsat. zone 1, effective porosity	2.400E-01	2.000E-01	---	EPUZ(1)
R015	Unsat. zone 1, field capacity	2.000E-01	2.000E-01	---	FCUZ(1)
R015	Unsat. zone 1, soil-specific b parameter	4.900E+00	5.300E+00	---	BUZ(1)
R015	Unsat. zone 1, hydraulic conductivity (m/yr)	5.000E+03	1.000E+01	---	HCUZ(1)
R016	Distribution coefficients for Ac-227				
R016	Contaminated zone (cm**3/g)	2.000E+01	2.000E+01	---	DCNUCC(1)
R016	Unsaturated zone 1 (cm**3/g)	2.000E+01	2.000E+01	---	DCNUCU(1,1)
R016	Saturated zone (cm**3/g)	2.000E+01	2.000E+01	---	DCNUCS(1)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	4.018E-03	ALEACH(1)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(1)

Site-Specific Parameter Summary (continued)

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R016	Distribution coefficients for C-14				
R016	Contaminated zone (cm**3/g)	0.000E+00	0.000E+00	---	DCNUCC(2)
R016	Unsaturated zone 1 (cm**3/g)	0.000E+00	0.000E+00	---	DCNUCU(2,1)
R016	Saturated zone (cm**3/g)	0.000E+00	0.000E+00	---	DCNUCS(2)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	5.598E-01	ALEACH(2)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(2)
R016	Distribution coefficients for Co-60				
R016	Contaminated zone (cm**3/g)	1.000E+03	1.000E+03	---	DCNUCC(3)
R016	Unsaturated zone 1 (cm**3/g)	1.000E+03	1.000E+03	---	DCNUCU(3,1)
R016	Saturated zone (cm**3/g)	1.000E+03	1.000E+03	---	DCNUCS(3)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	8.092E-05	ALEACH(3)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(3)
R016	Distribution coefficients for Cs-137				
R016	Contaminated zone (cm**3/g)	5.300E+02	4.600E+03	---	DCNUCC(4)
R016	Unsaturated zone 1 (cm**3/g)	5.300E+02	4.600E+03	---	DCNUCU(4,1)
R016	Saturated zone (cm**3/g)	5.300E+02	4.600E+03	---	DCNUCS(4)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	1.527E-04	ALEACH(4)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(4)
R016	Distribution coefficients for Eu-152				
R016	Contaminated zone (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCC(5)
R016	Unsaturated zone 1 (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCU(5,1)
R016	Saturated zone (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCS(5)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	9.810E-05	ALEACH(5)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(5)
R016	Distribution coefficients for Eu-154				
R016	Contaminated zone (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCC(7)
R016	Unsaturated zone 1 (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCU(7,1)
R016	Saturated zone (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCS(7)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	9.810E-05	ALEACH(7)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(7)
R016	Distribution coefficients for Gd-152				
R016	Contaminated zone (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCC(8)
R016	Unsaturated zone 1 (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCU(8,1)
R016	Saturated zone (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCS(8)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	9.810E-05	ALEACH(8)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(8)
R016	Distribution coefficients for H-3				
R016	Contaminated zone (cm**3/g)	0.000E+00	0.000E+00	---	DCNUCC(9)
R016	Unsaturated zone 1 (cm**3/g)	0.000E+00	0.000E+00	---	DCNUCU(9,1)
R016	Saturated zone (cm**3/g)	0.000E+00	0.000E+00	---	DCNUCS(9)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	5.598E-01	ALEACH(9)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(9)

Site-Specific Parameter Summary (continued)

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R016	Distribution coefficients for Ni-63				
R016	Contaminated zone (cm**3/g)	1.000E+03	1.000E+03	---	DCNUCC(10)
R016	Unsaturated zone 1 (cm**3/g)	1.000E+03	1.000E+03	---	DCNUCU(10,1)
R016	Saturated zone (cm**3/g)	1.000E+03	1.000E+03	---	DCNUCS(10)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	8.092E-05	ALEACH(10)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(10)
R016	Distribution coefficients for Pa-231				
R016	Contaminated zone (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCC(11)
R016	Unsaturated zone 1 (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCU(11,1)
R016	Saturated zone (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCS(11)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	1.614E-03	ALEACH(11)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(11)
R016	Distribution coefficients for Pb-210				
R016	Contaminated zone (cm**3/g)	1.000E+02	1.000E+02	---	DCNUCC(12)
R016	Unsaturated zone 1 (cm**3/g)	1.000E+02	1.000E+02	---	DCNUCU(12,1)
R016	Saturated zone (cm**3/g)	1.000E+02	1.000E+02	---	DCNUCS(12)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	8.082E-04	ALEACH(12)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(12)
R016	Distribution coefficients for Ra-226				
R016	Contaminated zone (cm**3/g)	7.000E+01	7.000E+01	---	DCNUCC(13)
R016	Unsaturated zone 1 (cm**3/g)	7.000E+01	7.000E+01	---	DCNUCU(13,1)
R016	Saturated zone (cm**3/g)	7.000E+01	7.000E+01	---	DCNUCS(13)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	1.154E-03	ALEACH(13)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(13)
R016	Distribution coefficients for Sr-90				
R016	Contaminated zone (cm**3/g)	2.200E+01	3.000E+01	---	DCNUCC(14)
R016	Unsaturated zone 1 (cm**3/g)	2.200E+01	3.000E+01	---	DCNUCU(14,1)
R016	Saturated zone (cm**3/g)	2.200E+01	3.000E+01	---	DCNUCS(14)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	3.655E-03	ALEACH(14)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(14)
R016	Distribution coefficients for Th-230				
R016	Contaminated zone (cm**3/g)	6.000E+04	6.000E+04	---	DCNUCC(15)
R016	Unsaturated zone 1 (cm**3/g)	6.000E+04	6.000E+04	---	DCNUCU(15,1)
R016	Saturated zone (cm**3/g)	6.000E+04	6.000E+04	---	DCNUCS(15)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	1.349E-06	ALEACH(15)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(15)
R016	Distribution coefficients for U-234				
R016	Contaminated zone (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCC(16)
R016	Unsaturated zone 1 (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCU(16,1)
R016	Saturated zone (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCS(16)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	1.614E-03	ALEACH(16)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(16)

Site-Specific Parameter Summary (continued)

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R016	Distribution coefficients for U-235				
R016	Contaminated zone (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCC(17)
R016	Unsaturated zone 1 (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCU(17,1)
R016	Saturated zone (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCS(17)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	1.614E-03	ALEACH(17)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(17)
R016	Distribution coefficients for U-238				
R016	Contaminated zone (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCC(18)
R016	Unsaturated zone 1 (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCU(18,1)
R016	Saturated zone (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCS(18)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	1.614E-03	ALEACH(18)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(18)
R017	Inhalation rate (m**3/yr)	7.300E+03	8.400E+03	---	INHALR
R017	Mass loading for inhalation (g/m**3)	1.000E-04	1.000E-04	---	MLINH
R017	Exposure duration	3.000E+01	3.000E+01	---	ED
R017	Shielding factor, inhalation	4.000E-01	4.000E-01	---	SHF3
R017	Shielding factor, external gamma	8.000E-01	7.000E-01	---	SHF1
R017	Fraction of time spent indoors	5.000E-01	5.000E-01	---	FIND
R017	Fraction of time spent outdoors (on site)	2.500E-01	2.500E-01	---	FOTD
R017	Shape factor flag, external gamma	1.000E+00	1.000E+00	>0 shows circular AREA.	FS
R017	Radii of shape factor array (used if FS = -1):				
R017	Outer annular radius (m), ring 1:	not used	5.000E+01	---	RAD_SHAPE(1)
R017	Outer annular radius (m), ring 2:	not used	7.071E+01	---	RAD_SHAPE(2)
R017	Outer annular radius (m), ring 3:	not used	0.000E+00	---	RAD_SHAPE(3)
R017	Outer annular radius (m), ring 4:	not used	0.000E+00	---	RAD_SHAPE(4)
R017	Outer annular radius (m), ring 5:	not used	0.000E+00	---	RAD_SHAPE(5)
R017	Outer annular radius (m), ring 6:	not used	0.000E+00	---	RAD_SHAPE(6)
R017	Outer annular radius (m), ring 7:	not used	0.000E+00	---	RAD_SHAPE(7)
R017	Outer annular radius (m), ring 8:	not used	0.000E+00	---	RAD_SHAPE(8)
R017	Outer annular radius (m), ring 9:	not used	0.000E+00	---	RAD_SHAPE(9)
R017	Outer annular radius (m), ring 10:	not used	0.000E+00	---	RAD_SHAPE(10)
R017	Outer annular radius (m), ring 11:	not used	0.000E+00	---	RAD_SHAPE(11)
R017	Outer annular radius (m), ring 12:	not used	0.000E+00	---	RAD_SHAPE(12)
R017	Fractions of annular areas within AREA:				
R017	Ring 1	not used	1.000E+00	---	FRACA(1)
R017	Ring 2	not used	2.732E-01	---	FRACA(2)
R017	Ring 3	not used	0.000E+00	---	FRACA(3)
R017	Ring 4	not used	0.000E+00	---	FRACA(4)
R017	Ring 5	not used	0.000E+00	---	FRACA(5)
R017	Ring 6	not used	0.000E+00	---	FRACA(6)
R017	Ring 7	not used	0.000E+00	---	FRACA(7)
R017	Ring 8	not used	0.000E+00	---	FRACA(8)
R017	Ring 9	not used	0.000E+00	---	FRACA(9)
R017	Ring 10	not used	0.000E+00	---	FRACA(10)
R017	Ring 11	not used	0.000E+00	---	FRACA(11)
R017	Ring 12	not used	0.000E+00	---	FRACA(12)

Site-Specific Parameter Summary (continued)

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R018	Fruits, vegetables and grain consumption (kg/yr)	1.600E+02	1.600E+02	---	DIET(1)
R018	Leafy vegetable consumption (kg/yr)	1.400E+01	1.400E+01	---	DIET(2)
R018	Milk consumption (L/yr)	not used	9.200E+01	---	DIET(3)
R018	Meat and poultry consumption (kg/yr)	not used	6.300E+01	---	DIET(4)
R018	Fish consumption (kg/yr)	not used	5.400E+00	---	DIET(5)
R018	Other seafood consumption (kg/yr)	not used	9.000E-01	---	DIET(6)
R018	Soil ingestion rate (g/yr)	4.380E+01	3.650E+01	---	SOIL
R018	Drinking water intake (L/yr)	7.000E+02	5.100E+02	---	DWI
R018	Contamination fraction of drinking water	1.000E+00	1.000E+00	---	FDW
R018	Contamination fraction of household water	not used	1.000E+00	---	FHHW
R018	Contamination fraction of livestock water	not used	1.000E+00	---	FLW
R018	Contamination fraction of irrigation water	1.000E+00	1.000E+00	---	FIRW
R018	Contamination fraction of aquatic food	not used	5.000E-01	---	FR9
R018	Contamination fraction of plant food	-1	-1	0.730E-01	FPLANT
R018	Contamination fraction of meat	not used	-1	---	FMEAT
R018	Contamination fraction of milk	not used	-1	---	FMILK
R019	Livestock fodder intake for meat (kg/day)	not used	6.800E+01	---	LFI5
R019	Livestock fodder intake for milk (kg/day)	not used	5.500E+01	---	LFI6
R019	Livestock water intake for meat (L/day)	not used	5.000E+01	---	LWI5
R019	Livestock water intake for milk (L/day)	not used	1.600E+02	---	LWI6
R019	Livestock soil intake (kg/day)	not used	5.000E-01	---	LSI
R019	Mass loading for foliar deposition (g/m**3)	1.000E-05	1.000E-04	---	MLFD
R019	Depth of soil mixing layer (m)	1.500E-01	1.500E-01	---	DM
R019	Depth of roots (m)	9.000E-01	9.000E-01	---	DROOT
R019	Drinking water fraction from ground water	1.000E+00	1.000E+00	---	FGWDW
R019	Household water fraction from ground water	not used	1.000E+00	---	FGWHH
R019	Livestock water fraction from ground water	not used	1.000E+00	---	FGWLW
R019	Irrigation fraction from ground water	1.000E+00	1.000E+00	---	FGWIR
R19B	Wet weight crop yield for Non-Leafy (kg/m**2)	7.000E-01	7.000E-01	---	YV(1)
R19B	Wet weight crop yield for Leafy (kg/m**2)	1.500E+00	1.500E+00	---	YV(2)
R19B	Wet weight crop yield for Fodder (kg/m**2)	not used	1.100E+00	---	YV(3)
R19B	Growing Season for Non-Leafy (years)	1.700E-01	1.700E-01	---	TE(1)
R19B	Growing Season for Leafy (years)	2.500E-01	2.500E-01	---	TE(2)
R19B	Growing Season for Fodder (years)	not used	8.000E-02	---	TE(3)
R19B	Translocation Factor for Non-Leafy	1.000E-01	1.000E-01	---	TIV(1)
R19B	Translocation Factor for Leafy	1.000E+00	1.000E+00	---	TIV(2)
R19B	Translocation Factor for Fodder	not used	1.000E+00	---	TIV(3)
R19B	Dry Foliar Interception Fraction for Non-Leafy	2.500E-01	2.500E-01	---	RDRY(1)
R19B	Dry Foliar Interception Fraction for Leafy	2.500E-01	2.500E-01	---	RDRY(2)
R19B	Dry Foliar Interception Fraction for Fodder	not used	2.500E-01	---	RDRY(3)
R19B	Wet Foliar Interception Fraction for Non-Leafy	2.500E-01	2.500E-01	---	RWET(1)
R19B	Wet Foliar Interception Fraction for Leafy	2.500E-01	2.500E-01	---	RWET(2)
R19B	Wet Foliar Interception Fraction for Fodder	not used	2.500E-01	---	RWET(3)
R19B	Weathering Removal Constant for Vegetation	2.000E+01	2.000E+01	---	WLAM
C14	C-12 concentration in water (g/cm**3)	2.000E-05	2.000E-05	---	C12WTR
C14	C-12 concentration in contaminated soil (g/g)	3.000E-02	3.000E-02	---	C12CZ
C14	Fraction of vegetation carbon from soil	2.000E-02	2.000E-02	---	CSOIL

Site-Specific Parameter Summary (continued)

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
C14	Fraction of vegetation carbon from air	9.800E-01	9.800E-01	---	CAIR
C14	C-14 evasion layer thickness in soil (m)	3.000E-01	3.000E-01	---	DMC
C14	C-14 evasion flux rate from soil (1/sec)	7.000E-07	7.000E-07	---	EVSN
C14	C-12 evasion flux rate from soil (1/sec)	1.000E-10	1.000E-10	---	REVSN
C14	Fraction of grain in beef cattle feed	8.000E-01	8.000E-01	---	AVFG4
C14	Fraction of grain in milk cow feed	2.000E-01	2.000E-01	---	AVFG5
STOR	Storage times of contaminated foodstuffs (days):				
STOR	Fruits, non-leafy vegetables, and grain	1.400E+01	1.400E+01	---	STOR_T(1)
STOR	Leafy vegetables	1.000E+00	1.000E+00	---	STOR_T(2)
STOR	Milk	1.000E+00	1.000E+00	---	STOR_T(3)
STOR	Meat and poultry	2.000E+01	2.000E+01	---	STOR_T(4)
STOR	Fish	7.000E+00	7.000E+00	---	STOR_T(5)
STOR	Crustacea and mollusks	7.000E+00	7.000E+00	---	STOR_T(6)
STOR	Well water	1.000E+00	1.000E+00	---	STOR_T(7)
STOR	Surface water	1.000E+00	1.000E+00	---	STOR_T(8)
STOR	Livestock fodder	4.500E+01	4.500E+01	---	STOR_T(9)
R021	Thickness of building foundation (m)	not used	1.500E-01	---	FLOOR1
R021	Bulk density of building foundation (g/cm**3)	not used	2.400E+00	---	DENSFL
R021	Total porosity of the cover material	not used	4.000E-01	---	TPCV
R021	Total porosity of the building foundation	not used	1.000E-01	---	TPFL
R021	Volumetric water content of the cover material	not used	5.000E-02	---	PH2OCV
R021	Volumetric water content of the foundation	not used	3.000E-02	---	PH2OFL
R021	Diffusion coefficient for radon gas (m/sec):				
R021	in cover material	not used	2.000E-06	---	DIFCV
R021	in foundation material	not used	3.000E-07	---	DIFFL
R021	in contaminated zone soil	not used	2.000E-06	---	DIFCZ
R021	Radon vertical dimension of mixing (m)	not used	2.000E+00	---	HMIX
R021	Average building air exchange rate (1/hr)	not used	5.000E-01	---	REXG
R021	Height of the building (room) (m)	not used	2.500E+00	---	HRM
R021	Building interior area factor	not used	0.000E+00	---	FAI
R021	Building depth below ground surface (m)	not used	-1.000E+00	---	DMFL
R021	Emanating power of Rn-222 gas	not used	2.500E-01	---	EMANA(1)
R021	Emanating power of Rn-220 gas	not used	1.500E-01	---	EMANA(2)
TITL	Number of graphical time points	32	---	---	NPTS
TITL	Maximum number of integration points for dose	17	---	---	LYMAX
TITL	Maximum number of integration points for risk	257	---	---	KYMAX

Summary : IV/FSS_SU 7A_Combined_Res_Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\IV_FSS_SU 7A_COMBINED_RES_BKGD SUBTRACT.RAD

Summary of Pathway Selections

Pathway	User Selection
1 -- external gamma	active
2 -- inhalation (w/o radon)	active
3 -- plant ingestion	active
4 -- meat ingestion	suppressed
5 -- milk ingestion	suppressed
6 -- aquatic foods	suppressed
7 -- drinking water	active
8 -- soil ingestion	active
9 -- radon	suppressed
Find peak pathway doses	suppressed

Summary : IV/FSS_SU 7A_Combined_Res_Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\IV_FSS_SU 7A_COMBINED_RES_BKGD SUBTRACT.RAD

Contaminated Zone Dimensions		Initial Soil Concentrations, pCi/g	
Area:	146.00 square meters	Ac-227	8.180E-03
Thickness:	5.00 meters	C-14	1.036E+00
Cover Depth:	0.00 meters	Co-60	1.300E-02
		Cs-137	6.247E+00
		Eu-152	6.440E-02
		Eu-154	3.830E-02
		Gd-152	6.440E-02
		H-3	8.823E+01
		Ni-63	6.040E-01
		Pa-231	8.180E-03
		Pb-210	2.200E-01
		Ra-226	2.200E-01
		Sr-90	2.573E+01
		Th-230	3.450E-02
		U-234	3.450E-02
		U-235	8.180E-03
		U-238	3.450E-02

Total Dose TDOSE(t), mrem/yr
Basic Radiation Dose Limit = 2.500E+01 mrem/yr
Total Mixture Sum M(t) = Fraction of Basic Dose Limit Received at Time (t)

t (years):	0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
TDOSE(t):	2.901E+01	2.824E+01	2.578E+01	2.283E+01	9.181E+00	3.651E+00	8.514E-01	4.245E-01
M(t):	1.161E+00	1.129E+00	1.031E+00	9.134E-01	3.672E-01	1.461E-01	3.406E-02	1.698E-02

Maximum TDOSE(t): 2.901E+01 mrem/yr at t = 0.000E+00 years

Summary : IV/FSS_SU 7A_Combined_Res_Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\IV_FSS_SU 7A_COMBINED_RES_BKGD SUBTRACT.RAD

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 0.000E+00 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	8.754E-03	0.0003	7.182E-04	0.0000	0.000E+00	0.0000	3.776E-03	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	5.702E-04	0.0000
C-14	3.470E-06	0.0000	1.014E-05	0.0000	0.000E+00	0.0000	1.224E-02	0.0004	0.000E+00	0.0000	0.000E+00	0.0000	4.669E-06	0.0000
Co-60	1.043E-01	0.0036	3.546E-08	0.0000	0.000E+00	0.0000	3.330E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.572E-06	0.0000
Cs-137	1.109E+01	0.3824	2.619E-06	0.0000	0.000E+00	0.0000	1.569E-01	0.0054	0.000E+00	0.0000	0.000E+00	0.0000	1.481E-03	0.0001
Eu-152	2.334E-01	0.0080	1.844E-07	0.0000	0.000E+00	0.0000	1.291E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.950E-06	0.0000
Eu-154	1.496E-01	0.0052	1.400E-07	0.0000	0.000E+00	0.0000	1.117E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.687E-06	0.0000
Gd-152	0.000E+00	0.0000	2.080E-04	0.0000	0.000E+00	0.0000	3.292E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.973E-05	0.0000
H-3	0.000E+00	0.0000	1.715E-03	0.0001	0.000E+00	0.0000	2.482E-01	0.0086	0.000E+00	0.0000	0.000E+00	0.0000	1.647E-05	0.0000
Ni-63	0.000E+00	0.0000	5.032E-08	0.0000	0.000E+00	0.0000	2.205E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.665E-06	0.0000
Pa-231	9.807E-04	0.0000	1.506E-04	0.0000	0.000E+00	0.0000	1.108E-02	0.0004	0.000E+00	0.0000	0.000E+00	0.0000	4.246E-04	0.0000
Pb-210	7.210E-04	0.0000	6.677E-05	0.0000	0.000E+00	0.0000	2.001E-01	0.0069	0.000E+00	0.0000	0.000E+00	0.0000	7.557E-03	0.0003
Ra-226	1.301E+00	0.0448	2.616E-05	0.0000	0.000E+00	0.0000	1.512E-01	0.0052	0.000E+00	0.0000	0.000E+00	0.0000	1.511E-03	0.0001
Sr-90	3.300E-01	0.0114	4.415E-04	0.0000	0.000E+00	0.0000	1.478E+01	0.5094	0.000E+00	0.0000	0.000E+00	0.0000	1.860E-02	0.0006
Th-230	6.733E-05	0.0000	1.495E-04	0.0000	0.000E+00	0.0000	2.450E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.072E-05	0.0000
U-234	7.793E-06	0.0000	6.049E-05	0.0000	0.000E+00	0.0000	3.098E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.679E-05	0.0000
U-235	3.415E-03	0.0001	1.337E-05	0.0000	0.000E+00	0.0000	6.951E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.048E-05	0.0000
U-238	2.787E-03	0.0001	5.409E-05	0.0000	0.000E+00	0.0000	2.942E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.443E-05	0.0000
Total	1.323E+01	0.4560	3.617E-03	0.0001	0.000E+00	0.0000	1.556E+01	0.5364	0.000E+00	0.0000	0.000E+00	0.0000	3.041E-02	0.0010

Summary : IV/FSS_SU 7A_Combined_Res_Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\IV_FSS_SU 7A_COMBINED_RES_BKGD SUBTRACT.RAD

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 0.000E+00 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	3.018E-03	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	3.051E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.687E-02	0.0006
C-14	2.160E-02	0.0007	0.000E+00	0.0000	0.000E+00	0.0000	7.395E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.394E-02	0.0012
Co-60	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.046E-01	0.0036
Cs-137	5.272E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.478E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.125E+01	0.3878
Eu-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.334E-01	0.0080
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.496E-01	0.0052
Gd-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.870E-04	0.0000
H-3	7.508E-02	0.0026	0.000E+00	0.0000	0.000E+00	0.0000	1.509E-03	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	3.265E-01	0.0113
Ni-63	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.222E-04	0.0000
Pa-231	3.816E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.843E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.302E-02	0.0004
Pb-210	1.378E-03	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.383E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.099E-01	0.0072
Ra-226	5.913E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.014E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.455E+00	0.0501
Sr-90	8.128E-02	0.0028	0.000E+00	0.0000	0.000E+00	0.0000	8.846E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.521E+01	0.5242
Th-230	1.153E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.130E-10	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.525E-04	0.0000
U-234	3.797E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.827E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.632E-04	0.0000
U-235	8.510E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.578E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.517E-03	0.0001
U-238	3.605E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.634E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.216E-03	0.0001
Total	1.834E-01	0.0063	0.000E+00	0.0000	0.000E+00	0.0000	2.523E-03	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	2.901E+01	1.0000

*Sum of all water independent and dependent pathways.

Summary : IV/FSS_SU 7A_Combined_Res_Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\IV_FSS_SU 7A_COMBINED_RES_BKGD SUBTRACT.RAD

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+00 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	8.446E-03	0.0003	6.929E-04	0.0000	0.000E+00	0.0000	3.643E-03	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	5.502E-04	0.0000
C-14	5.255E-07	0.0000	1.536E-06	0.0000	0.000E+00	0.0000	1.891E-03	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	7.071E-07	0.0000
Co-60	9.144E-02	0.0032	3.109E-08	0.0000	0.000E+00	0.0000	2.919E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.378E-06	0.0000
Cs-137	1.084E+01	0.3839	2.558E-06	0.0000	0.000E+00	0.0000	1.533E-01	0.0054	0.000E+00	0.0000	0.000E+00	0.0000	1.447E-03	0.0001
Eu-152	2.215E-01	0.0078	1.750E-07	0.0000	0.000E+00	0.0000	1.226E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.851E-06	0.0000
Eu-154	1.382E-01	0.0049	1.294E-07	0.0000	0.000E+00	0.0000	1.032E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.559E-06	0.0000
Gd-152	0.000E+00	0.0000	2.080E-04	0.0000	0.000E+00	0.0000	3.292E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.972E-05	0.0000
H-3	0.000E+00	0.0000	5.746E-04	0.0000	0.000E+00	0.0000	8.379E-02	0.0030	0.000E+00	0.0000	0.000E+00	0.0000	5.516E-06	0.0000
Ni-63	0.000E+00	0.0000	4.995E-08	0.0000	0.000E+00	0.0000	2.189E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.653E-06	0.0000
Pa-231	1.253E-03	0.0000	1.728E-04	0.0000	0.000E+00	0.0000	1.118E-02	0.0004	0.000E+00	0.0000	0.000E+00	0.0000	4.418E-04	0.0000
Pb-210	6.984E-04	0.0000	6.467E-05	0.0000	0.000E+00	0.0000	1.939E-01	0.0069	0.000E+00	0.0000	0.000E+00	0.0000	7.319E-03	0.0003
Ra-226	1.299E+00	0.0460	2.816E-05	0.0000	0.000E+00	0.0000	1.572E-01	0.0056	0.000E+00	0.0000	0.000E+00	0.0000	1.739E-03	0.0001
Sr-90	3.211E-01	0.0114	4.295E-04	0.0000	0.000E+00	0.0000	1.438E+01	0.5093	0.000E+00	0.0000	0.000E+00	0.0000	1.810E-02	0.0006
Th-230	1.557E-04	0.0000	1.495E-04	0.0000	0.000E+00	0.0000	2.554E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.083E-05	0.0000
U-234	7.781E-06	0.0000	6.039E-05	0.0000	0.000E+00	0.0000	3.093E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.671E-05	0.0000
U-235	3.409E-03	0.0001	1.335E-05	0.0000	0.000E+00	0.0000	6.963E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.048E-05	0.0000
U-238	2.783E-03	0.0001	5.400E-05	0.0000	0.000E+00	0.0000	2.937E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.435E-05	0.0000
Total	1.293E+01	0.4579	2.452E-03	0.0001	0.000E+00	0.0000	1.499E+01	0.5307	0.000E+00	0.0000	0.000E+00	0.0000	2.985E-02	0.0011

Summary : IV/FSS_SU 7A_Combined_Res_Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\IV_FSS_SU 7A_COMBINED_RES_BKGD SUBTRACT.RAD

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+00 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	8.812E-03	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	9.194E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.224E-02	0.0008
C-14	3.686E-03	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	1.276E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.593E-03	0.0002
Co-60	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.173E-02	0.0032
Cs-137	1.572E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.488E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.099E+01	0.3894
Eu-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.216E-01	0.0078
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.382E-01	0.0049
Gd-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.869E-04	0.0000
H-3	2.745E-02	0.0010	0.000E+00	0.0000	0.000E+00	0.0000	5.537E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.124E-01	0.0040
Ni-63	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.206E-04	0.0000
Pa-231	1.321E-03	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.375E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.438E-02	0.0005
Pb-210	4.035E-03	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	4.202E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.060E-01	0.0073
Ra-226	1.921E-03	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	2.021E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.460E+00	0.0517
Sr-90	2.391E-01	0.0085	0.000E+00	0.0000	0.000E+00	0.0000	2.687E-03	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	1.496E+01	0.5298
Th-230	8.550E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.829E-10	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.515E-04	0.0000
U-234	1.142E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.190E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.396E-04	0.0000
U-235	2.561E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.669E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.529E-03	0.0001
U-238	1.084E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.130E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.284E-03	0.0001
Total	2.865E-01	0.0101	0.000E+00	0.0000	0.000E+00	0.0000	3.423E-03	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	2.824E+01	1.0000

*Sum of all water independent and dependent pathways.

Summary : IV/FSS_SU 7A_Combined_Res_Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\IV_FSS_SU 7A_COMBINED_RES_BKGD SUBTRACT.RAD

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+00 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	7.318E-03	0.0003	6.003E-04	0.0000	0.000E+00	0.0000	3.156E-03	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	4.767E-04	0.0000
C-14	2.749E-10	0.0000	8.036E-10	0.0000	0.000E+00	0.0000	9.896E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.699E-10	0.0000
Co-60	5.402E-02	0.0021	1.837E-08	0.0000	0.000E+00	0.0000	1.725E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.139E-07	0.0000
Cs-137	9.877E+00	0.3831	2.331E-06	0.0000	0.000E+00	0.0000	1.396E-01	0.0054	0.000E+00	0.0000	0.000E+00	0.0000	1.318E-03	0.0001
Eu-152	1.799E-01	0.0070	1.421E-07	0.0000	0.000E+00	0.0000	9.952E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.503E-06	0.0000
Eu-154	1.008E-01	0.0039	9.439E-08	0.0000	0.000E+00	0.0000	7.529E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.137E-06	0.0000
Gd-152	0.000E+00	0.0000	2.079E-04	0.0000	0.000E+00	0.0000	3.291E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.970E-05	0.0000
H-3	0.000E+00	0.0000	7.218E-06	0.0000	0.000E+00	0.0000	1.053E-03	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.929E-08	0.0000
Ni-63	0.000E+00	0.0000	4.852E-08	0.0000	0.000E+00	0.0000	2.126E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.606E-06	0.0000
Pa-231	2.243E-03	0.0001	2.536E-04	0.0000	0.000E+00	0.0000	1.154E-02	0.0004	0.000E+00	0.0000	0.000E+00	0.0000	5.039E-04	0.0000
Pb-210	6.148E-04	0.0000	5.693E-05	0.0000	0.000E+00	0.0000	1.706E-01	0.0066	0.000E+00	0.0000	0.000E+00	0.0000	6.443E-03	0.0002
Ra-226	1.291E+00	0.0501	3.550E-05	0.0000	0.000E+00	0.0000	1.788E-01	0.0069	0.000E+00	0.0000	0.000E+00	0.0000	2.580E-03	0.0001
Sr-90	2.877E-01	0.0112	3.848E-04	0.0000	0.000E+00	0.0000	1.288E+01	0.4997	0.000E+00	0.0000	0.000E+00	0.0000	1.621E-02	0.0006
Th-230	5.076E-04	0.0000	1.495E-04	0.0000	0.000E+00	0.0000	3.011E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.142E-05	0.0000
U-234	7.743E-06	0.0000	6.001E-05	0.0000	0.000E+00	0.0000	3.073E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.642E-05	0.0000
U-235	3.387E-03	0.0001	1.328E-05	0.0000	0.000E+00	0.0000	7.014E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.045E-05	0.0000
U-238	2.765E-03	0.0001	5.366E-05	0.0000	0.000E+00	0.0000	2.918E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.407E-05	0.0000
Total	1.181E+01	0.4580	1.825E-03	0.0001	0.000E+00	0.0000	1.339E+01	0.5194	0.000E+00	0.0000	0.000E+00	0.0000	2.778E-02	0.0011

Summary : IV/FSS_SU 7A_Combined_Res_Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\IV_FSS_SU 7A_COMBINED_RES_BKGD SUBTRACT.RAD

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+00 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	1.621E-02	0.0006	0.000E+00	0.0000	0.000E+00	0.0000	1.725E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.793E-02	0.0011
C-14	1.931E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.682E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.928E-06	0.0000
Co-60	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.419E-02	0.0021
Cs-137	5.447E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.216E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.002E+01	0.3886
Eu-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.799E-01	0.0070
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.008E-01	0.0039
Gd-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.867E-04	0.0000
H-3	3.449E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.957E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.412E-03	0.0001
Ni-63	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.143E-04	0.0000
Pa-231	6.649E-03	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	7.042E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.126E-02	0.0008
Pb-210	1.308E-02	0.0005	0.000E+00	0.0000	0.000E+00	0.0000	1.386E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.910E-01	0.0074
Ra-226	9.203E-03	0.0004	0.000E+00	0.0000	0.000E+00	0.0000	9.815E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.482E+00	0.0575
Sr-90	5.016E-01	0.0195	0.000E+00	0.0000	0.000E+00	0.0000	5.750E-03	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	1.370E+01	0.5312
Th-230	1.365E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.449E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.051E-03	0.0000
U-234	4.179E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.421E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.438E-04	0.0000
U-235	9.421E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.966E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.576E-03	0.0001
U-238	3.968E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.198E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.555E-03	0.0001
Total	5.480E-01	0.0213	0.000E+00	0.0000	0.000E+00	0.0000	6.247E-03	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	2.578E+01	1.0000

*Sum of all water independent and dependent pathways.

Summary : IV/FSS_SU 7A_Combined_Res_Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\IV_FSS_SU 7A_COMBINED_RES_BKGD SUBTRACT.RAD

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+01 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	6.117E-03	0.0003	5.018E-04	0.0000	0.000E+00	0.0000	2.638E-03	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	3.984E-04	0.0000
C-14	2.149E-14	0.0000	6.282E-14	0.0000	0.000E+00	0.0000	7.738E-11	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.892E-14	0.0000
Co-60	2.798E-02	0.0012	9.513E-09	0.0000	0.000E+00	0.0000	8.932E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.216E-07	0.0000
Cs-137	8.793E+00	0.3851	2.075E-06	0.0000	0.000E+00	0.0000	1.243E-01	0.0054	0.000E+00	0.0000	0.000E+00	0.0000	1.173E-03	0.0001
Eu-152	1.386E-01	0.0061	1.095E-07	0.0000	0.000E+00	0.0000	7.669E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.158E-06	0.0000
Eu-154	6.797E-02	0.0030	6.363E-08	0.0000	0.000E+00	0.0000	5.076E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.666E-07	0.0000
Gd-152	0.000E+00	0.0000	2.078E-04	0.0000	0.000E+00	0.0000	3.289E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.968E-05	0.0000
H-3	0.000E+00	0.0000	3.023E-08	0.0000	0.000E+00	0.0000	4.408E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.902E-10	0.0000
Ni-63	0.000E+00	0.0000	4.678E-08	0.0000	0.000E+00	0.0000	2.050E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.548E-06	0.0000
Pa-231	3.287E-03	0.0001	3.386E-04	0.0000	0.000E+00	0.0000	1.190E-02	0.0005	0.000E+00	0.0000	0.000E+00	0.0000	5.690E-04	0.0000
Pb-210	5.242E-04	0.0000	4.854E-05	0.0000	0.000E+00	0.0000	1.455E-01	0.0064	0.000E+00	0.0000	0.000E+00	0.0000	5.493E-03	0.0002
Ra-226	1.281E+00	0.0561	4.337E-05	0.0000	0.000E+00	0.0000	2.018E-01	0.0088	0.000E+00	0.0000	0.000E+00	0.0000	3.481E-03	0.0002
Sr-90	2.508E-01	0.0110	3.355E-04	0.0000	0.000E+00	0.0000	1.123E+01	0.4918	0.000E+00	0.0000	0.000E+00	0.0000	1.413E-02	0.0006
Th-230	9.444E-04	0.0000	1.495E-04	0.0000	0.000E+00	0.0000	3.658E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.245E-05	0.0000
U-234	7.713E-06	0.0000	5.953E-05	0.0000	0.000E+00	0.0000	3.049E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.605E-05	0.0000
U-235	3.360E-03	0.0001	1.320E-05	0.0000	0.000E+00	0.0000	7.081E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.042E-05	0.0000
U-238	2.743E-03	0.0001	5.323E-05	0.0000	0.000E+00	0.0000	2.895E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.372E-05	0.0000
Total	1.058E+01	0.4632	1.753E-03	0.0001	0.000E+00	0.0000	1.172E+01	0.5132	0.000E+00	0.0000	0.000E+00	0.0000	2.550E-02	0.0011

Summary : IV/FSS_SU 7A_Combined_Res_Bkgd Subtract
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Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+01 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	1.355E-02	0.0006	0.000E+00	0.0000	0.000E+00	0.0000	1.441E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.335E-02	0.0010
C-14	1.512E-10	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.232E-13	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.292E-10	0.0000
Co-60	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.807E-02	0.0012
Cs-137	9.312E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.437E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.918E+00	0.3906
Eu-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.386E-01	0.0061
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.798E-02	0.0030
Gd-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.864E-04	0.0000
H-3	1.445E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.914E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.913E-06	0.0000
Ni-63	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.066E-04	0.0000
Pa-231	1.103E-02	0.0005	0.000E+00	0.0000	0.000E+00	0.0000	1.174E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.724E-02	0.0012
Pb-210	2.134E-02	0.0009	0.000E+00	0.0000	0.000E+00	0.0000	2.268E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.731E-01	0.0076
Ra-226	2.209E-02	0.0010	0.000E+00	0.0000	0.000E+00	0.0000	2.359E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.509E+00	0.0661
Sr-90	4.372E-01	0.0191	0.000E+00	0.0000	0.000E+00	0.0000	5.012E-03	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	1.194E+01	0.5228
Th-230	6.007E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.404E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.558E-03	0.0001
U-234	6.292E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.693E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.054E-03	0.0000
U-235	1.428E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.519E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.599E-03	0.0002
U-238	5.974E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.356E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.733E-03	0.0002
Total	5.066E-01	0.0222	0.000E+00	0.0000	0.000E+00	0.0000	5.750E-03	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	2.283E+01	1.0000

*Sum of all water independent and dependent pathways.

Summary : IV/FSS_SU 7A_Combined_Res_Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\IV_FSS_SU 7A_COMBINED_RES_BKGD SUBTRACT.RAD

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+01 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	1.458E-03	0.0002	1.196E-04	0.0000	0.000E+00	0.0000	6.288E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	9.496E-05	0.0000
C-14	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Co-60	1.449E-04	0.0000	4.926E-11	0.0000	0.000E+00	0.0000	4.625E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.183E-09	0.0000
Cs-137	3.468E+00	0.3777	8.185E-07	0.0000	0.000E+00	0.0000	4.903E-02	0.0053	0.000E+00	0.0000	0.000E+00	0.0000	4.629E-04	0.0001
Eu-152	1.725E-02	0.0019	1.363E-08	0.0000	0.000E+00	0.0000	9.544E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.441E-07	0.0000
Eu-154	2.899E-03	0.0003	2.714E-09	0.0000	0.000E+00	0.0000	2.165E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.270E-08	0.0000
Gd-152	0.000E+00	0.0000	2.070E-04	0.0000	0.000E+00	0.0000	3.276E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.948E-05	0.0000
H-3	0.000E+00	0.0000	2.401E-27	0.0000	0.000E+00	0.0000	3.503E-25	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Ni-63	0.000E+00	0.0000	3.493E-08	0.0000	0.000E+00	0.0000	1.531E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.156E-06	0.0000
Pa-231	7.053E-03	0.0008	6.432E-04	0.0001	0.000E+00	0.0000	1.286E-02	0.0014	0.000E+00	0.0000	0.000E+00	0.0000	7.919E-04	0.0001
Pb-210	1.464E-04	0.0000	1.355E-05	0.0000	0.000E+00	0.0000	4.063E-02	0.0044	0.000E+00	0.0000	0.000E+00	0.0000	1.534E-03	0.0002
Ra-226	1.202E+00	0.1310	7.352E-05	0.0000	0.000E+00	0.0000	2.877E-01	0.0313	0.000E+00	0.0000	0.000E+00	0.0000	6.981E-03	0.0008
Sr-90	8.361E-02	0.0091	1.119E-04	0.0000	0.000E+00	0.0000	3.745E+00	0.4079	0.000E+00	0.0000	0.000E+00	0.0000	4.713E-03	0.0005
Th-230	4.316E-03	0.0005	1.496E-04	0.0000	0.000E+00	0.0000	1.061E-03	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	1.078E-04	0.0000
U-234	8.160E-06	0.0000	5.586E-05	0.0000	0.000E+00	0.0000	2.860E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.320E-05	0.0000
U-235	3.155E-03	0.0003	1.282E-05	0.0000	0.000E+00	0.0000	7.671E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.036E-05	0.0000
U-238	2.571E-03	0.0003	4.990E-05	0.0000	0.000E+00	0.0000	2.714E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.099E-05	0.0000
Total	4.793E+00	0.5221	1.438E-03	0.0002	0.000E+00	0.0000	4.138E+00	0.4507	0.000E+00	0.0000	0.000E+00	0.0000	1.483E-02	0.0016

Summary : IV/FSS_SU 7A_Combined_Res_Bkgd Subtract
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Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+01 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	3.222E-03	0.0004	0.000E+00	0.0000	0.000E+00	0.0000	3.428E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.558E-03	0.0006
C-14	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Co-60	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.453E-04	0.0000
Cs-137	1.785E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.895E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.518E+00	0.3831
Eu-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.725E-02	0.0019
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.900E-03	0.0003
Gd-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.841E-04	0.0001
H-3	1.150E-25	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.321E-27	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.700E-25	0.0000
Ni-63	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.543E-04	0.0000
Pa-231	1.910E-02	0.0021	0.000E+00	0.0000	0.000E+00	0.0000	2.032E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.066E-02	0.0044
Pb-210	1.050E-02	0.0011	0.000E+00	0.0000	0.000E+00	0.0000	1.119E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.293E-02	0.0058
Ra-226	5.147E-02	0.0056	0.000E+00	0.0000	0.000E+00	0.0000	5.499E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	1.549E+00	0.1687
Sr-90	1.455E-01	0.0158	0.000E+00	0.0000	0.000E+00	0.0000	1.668E-03	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	3.980E+00	0.4335
Th-230	1.104E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.180E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.746E-03	0.0006
U-234	5.889E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	6.265E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.884E-04	0.0001
U-235	1.470E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.563E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.403E-03	0.0004
U-238	5.593E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	5.950E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.499E-03	0.0004
Total	2.312E-01	0.0252	0.000E+00	0.0000	0.000E+00	0.0000	2.582E-03	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	9.181E+00	1.0000

*Sum of all water independent and dependent pathways.

Summary : IV/FSS_SU 7A_Combined_Res_Bkgd Subtract
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Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+02 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	2.427E-04	0.0001	1.992E-05	0.0000	0.000E+00	0.0000	1.047E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.581E-05	0.0000
C-14	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Co-60	2.012E-07	0.0000	6.842E-14	0.0000	0.000E+00	0.0000	6.424E-10	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.032E-12	0.0000
Cs-137	1.084E+00	0.2969	2.559E-07	0.0000	0.000E+00	0.0000	1.533E-02	0.0042	0.000E+00	0.0000	0.000E+00	0.0000	1.447E-04	0.0000
Eu-152	1.275E-03	0.0003	1.007E-09	0.0000	0.000E+00	0.0000	7.054E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.065E-08	0.0000
Eu-154	5.620E-05	0.0000	5.262E-11	0.0000	0.000E+00	0.0000	4.197E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.339E-10	0.0000
Gd-152	0.000E+00	0.0000	2.060E-04	0.0001	0.000E+00	0.0000	3.260E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	4.924E-05	0.0000
H-3	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Ni-63	0.000E+00	0.0000	2.425E-08	0.0000	0.000E+00	0.0000	1.063E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.025E-07	0.0000
Pa-231	7.523E-03	0.0021	6.767E-04	0.0002	0.000E+00	0.0000	1.229E-02	0.0034	0.000E+00	0.0000	0.000E+00	0.0000	7.964E-04	0.0002
Pb-210	2.971E-05	0.0000	2.751E-06	0.0000	0.000E+00	0.0000	8.247E-03	0.0023	0.000E+00	0.0000	0.000E+00	0.0000	3.114E-04	0.0001
Ra-226	1.111E+00	0.3042	7.793E-05	0.0000	0.000E+00	0.0000	2.958E-01	0.0810	0.000E+00	0.0000	0.000E+00	0.0000	7.583E-03	0.0021
Sr-90	2.119E-02	0.0058	2.834E-05	0.0000	0.000E+00	0.0000	9.488E-01	0.2599	0.000E+00	0.0000	0.000E+00	0.0000	1.194E-03	0.0003
Th-230	8.240E-03	0.0023	1.498E-04	0.0000	0.000E+00	0.0000	2.065E-03	0.0006	0.000E+00	0.0000	0.000E+00	0.0000	1.330E-04	0.0000
U-234	1.026E-05	0.0000	5.158E-05	0.0000	0.000E+00	0.0000	2.645E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	3.990E-05	0.0000
U-235	2.918E-03	0.0008	1.251E-05	0.0000	0.000E+00	0.0000	8.360E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.037E-05	0.0000
U-238	2.372E-03	0.0006	4.604E-05	0.0000	0.000E+00	0.0000	2.504E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	3.782E-05	0.0000
Total	2.239E+00	0.6131	1.272E-03	0.0003	0.000E+00	0.0000	1.284E+00	0.3516	0.000E+00	0.0000	0.000E+00	0.0000	1.032E-02	0.0028

Summary : IV/FSS_SU 7A_Combined_Res_Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\IV_FSS_SU 7A_COMBINED_RES_BKGD SUBTRACT.RAD

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+02 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	5.352E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	5.694E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.241E-04	0.0003
C-14	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Co-60	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.019E-07	0.0000
Cs-137	1.119E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.195E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.100E+00	0.3011
Eu-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.275E-03	0.0003
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.621E-05	0.0000
Gd-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.813E-04	0.0002
H-3	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Ni-63	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.071E-04	0.0000
Pa-231	1.982E-02	0.0054	0.000E+00	0.0000	0.000E+00	0.0000	2.108E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	4.132E-02	0.0113
Pb-210	2.129E-03	0.0006	0.000E+00	0.0000	0.000E+00	0.0000	2.269E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.074E-02	0.0029
Ra-226	5.524E-02	0.0151	0.000E+00	0.0000	0.000E+00	0.0000	5.899E-04	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	1.470E+00	0.4026
Sr-90	3.677E-02	0.0101	0.000E+00	0.0000	0.000E+00	0.0000	4.215E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	1.008E+00	0.2762
Th-230	2.790E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	2.980E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.087E-02	0.0030
U-234	5.422E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	5.768E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.142E-04	0.0003
U-235	1.554E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.653E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.182E-03	0.0009
U-238	5.150E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	5.479E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.227E-03	0.0009
Total	1.160E-01	0.0318	0.000E+00	0.0000	0.000E+00	0.0000	1.267E-03	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	3.651E+00	1.0000

*Sum of all water independent and dependent pathways.

Summary : IV/FSS_SU 7A_Combined_Res_Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\IV_FSS_SU 7A_COMBINED_RES_BKGD SUBTRACT.RAD

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+02 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	1.435E-10	0.0000	1.177E-11	0.0000	0.000E+00	0.0000	6.190E-11	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.348E-12	0.0000
C-14	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Co-60	2.789E-30	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Cs-137	9.881E-05	0.0001	2.332E-11	0.0000	0.000E+00	0.0000	1.397E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.319E-08	0.0000
Eu-152	1.136E-12	0.0000	7.723E-18	0.0000	0.000E+00	0.0000	7.365E-17	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.112E-17	0.0000
Eu-154	1.121E-18	0.0000	1.049E-24	0.0000	0.000E+00	0.0000	8.370E-23	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.264E-23	0.0000
Gd-152	0.000E+00	0.0000	1.981E-04	0.0002	0.000E+00	0.0000	3.135E-04	0.0004	0.000E+00	0.0000	0.000E+00	0.0000	4.735E-05	0.0001
H-3	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Ni-63	0.000E+00	0.0000	1.307E-09	0.0000	0.000E+00	0.0000	5.728E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.326E-08	0.0000
Pa-231	4.029E-03	0.0047	3.615E-04	0.0004	0.000E+00	0.0000	6.442E-03	0.0076	0.000E+00	0.0000	0.000E+00	0.0000	4.217E-04	0.0005
Pb-210	8.569E-11	0.0000	7.935E-12	0.0000	0.000E+00	0.0000	2.378E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.980E-10	0.0000
Ra-226	5.888E-01	0.6915	4.280E-05	0.0001	0.000E+00	0.0000	1.613E-01	0.1894	0.000E+00	0.0000	0.000E+00	0.0000	4.188E-03	0.0049
Sr-90	3.598E-07	0.0000	4.814E-10	0.0000	0.000E+00	0.0000	1.612E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.028E-08	0.0000
Th-230	3.050E-02	0.0358	1.508E-04	0.0002	0.000E+00	0.0000	8.146E-03	0.0096	0.000E+00	0.0000	0.000E+00	0.0000	2.903E-04	0.0003
U-234	6.299E-05	0.0001	2.742E-05	0.0000	0.000E+00	0.0000	1.538E-04	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	2.150E-05	0.0000
U-235	1.564E-03	0.0018	9.624E-06	0.0000	0.000E+00	0.0000	9.856E-05	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	9.017E-06	0.0000
U-238	1.244E-03	0.0015	2.417E-05	0.0000	0.000E+00	0.0000	1.315E-04	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	1.985E-05	0.0000
Total	6.263E-01	0.7356	8.144E-04	0.0010	0.000E+00	0.0000	1.766E-01	0.2074	0.000E+00	0.0000	0.000E+00	0.0000	4.998E-03	0.0059

Summary : IV/FSS_SU 7A_Combined_Res_Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\IV_FSS_SU 7A_COMBINED_RES_BKGD SUBTRACT.RAD

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+02 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	3.090E-10	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.287E-12	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.388E-10	0.0000
C-14	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Co-60	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.789E-30	0.0000
Cs-137	5.384E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.776E-11	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.002E-04	0.0001
Eu-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.136E-12	0.0000
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.121E-18	0.0000
Gd-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.589E-04	0.0007
H-3	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Ni-63	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.773E-06	0.0000
Pa-231	1.034E-02	0.0121	0.000E+00	0.0000	0.000E+00	0.0000	1.100E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	2.170E-02	0.0255
Pb-210	6.074E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.474E-11	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.091E-08	0.0000
Ra-226	3.000E-02	0.0352	0.000E+00	0.0000	0.000E+00	0.0000	3.203E-04	0.0004	0.000E+00	0.0000	0.000E+00	0.0000	7.846E-01	0.9215
Sr-90	6.101E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.994E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.711E-05	0.0000
Th-230	1.229E-03	0.0014	0.000E+00	0.0000	0.000E+00	0.0000	1.313E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.033E-02	0.0474
U-234	2.813E-04	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	2.993E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.500E-04	0.0006
U-235	1.676E-04	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	1.783E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.851E-03	0.0022
U-238	2.653E-04	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	2.823E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.687E-03	0.0020
Total	4.228E-02	0.0497	0.000E+00	0.0000	0.000E+00	0.0000	4.510E-04	0.0005	0.000E+00	0.0000	0.000E+00	0.0000	8.514E-01	1.0000

*Sum of all water independent and dependent pathways.

Summary : IV/FSS_SU 7A_Combined_Res_Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\IV_FSS_SU 7A_COMBINED_RES_BKGD SUBTRACT.RAD

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+03 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	2.352E-18	0.0000	1.930E-19	0.0000	0.000E+00	0.0000	1.015E-18	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.532E-19	0.0000
C-14	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Co-60	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Cs-137	8.800E-10	0.0000	2.077E-16	0.0000	0.000E+00	0.0000	1.244E-11	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.175E-13	0.0000
Eu-152	5.528E-24	0.0000	6.499E-18	0.0000	0.000E+00	0.0000	1.029E-17	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.553E-18	0.0000
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Gd-152	0.000E+00	0.0000	1.886E-04	0.0004	0.000E+00	0.0000	2.985E-04	0.0007	0.000E+00	0.0000	0.000E+00	0.0000	4.508E-05	0.0001
H-3	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Ni-63	0.000E+00	0.0000	3.395E-11	0.0000	0.000E+00	0.0000	1.488E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.124E-09	0.0000
Pa-231	1.779E-03	0.0042	1.596E-04	0.0004	0.000E+00	0.0000	2.844E-03	0.0067	0.000E+00	0.0000	0.000E+00	0.0000	1.862E-04	0.0004
Pb-210	1.018E-17	0.0000	9.429E-19	0.0000	0.000E+00	0.0000	2.826E-15	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.067E-16	0.0000
Ra-226	2.663E-01	0.6273	1.936E-05	0.0000	0.000E+00	0.0000	7.294E-02	0.1718	0.000E+00	0.0000	0.000E+00	0.0000	1.894E-03	0.0045
Sr-90	3.923E-13	0.0000	5.249E-16	0.0000	0.000E+00	0.0000	1.757E-11	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.211E-14	0.0000
Th-230	4.411E-02	0.1039	1.510E-04	0.0004	0.000E+00	0.0000	1.187E-02	0.0280	0.000E+00	0.0000	0.000E+00	0.0000	3.868E-04	0.0009
U-234	1.488E-04	0.0004	1.268E-05	0.0000	0.000E+00	0.0000	1.009E-04	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	1.066E-05	0.0000
U-235	7.168E-04	0.0017	5.991E-06	0.0000	0.000E+00	0.0000	7.422E-05	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	6.003E-06	0.0000
U-238	5.550E-04	0.0013	1.080E-05	0.0000	0.000E+00	0.0000	5.877E-05	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	8.872E-06	0.0000
Total	3.136E-01	0.7387	5.480E-04	0.0013	0.000E+00	0.0000	8.819E-02	0.2077	0.000E+00	0.0000	0.000E+00	0.0000	2.538E-03	0.0060

Summary : IV/FSS_SU 7A_Combined_Res_Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\IV_FSS_SU 7A_COMBINED_RES_BKGD SUBTRACT.RAD

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+03 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	4.866E-18	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.177E-20	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.631E-18	0.0000
C-14	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Co-60	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Cs-137	1.030E-13	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.106E-15	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.927E-10	0.0000
Eu-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.834E-17	0.0000
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Gd-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.321E-04	0.0013
H-3	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Ni-63	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.500E-07	0.0000
Pa-231	4.407E-03	0.0104	0.000E+00	0.0000	0.000E+00	0.0000	4.688E-05	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	9.422E-03	0.0222
Pb-210	7.071E-16	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.536E-18	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.659E-15	0.0000
Ra-226	1.305E-02	0.0307	0.000E+00	0.0000	0.000E+00	0.0000	1.393E-04	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	3.543E-01	0.8346
Sr-90	6.394E-13	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.330E-15	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.863E-11	0.0000
Th-230	1.627E-03	0.0038	0.000E+00	0.0000	0.000E+00	0.0000	1.738E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.817E-02	0.1370
U-234	1.270E-04	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	1.351E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.014E-04	0.0009
U-235	1.191E-04	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	1.268E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.235E-04	0.0022
U-238	1.148E-04	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	1.221E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.495E-04	0.0018
Total	1.944E-02	0.0458	0.000E+00	0.0000	0.000E+00	0.0000	2.074E-04	0.0005	0.000E+00	0.0000	0.000E+00	0.0000	4.245E-01	1.0000

*Sum of all water independent and dependent pathways.

Summary : IV/FSS_SU 7A_Combined_Res_Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\IV_FSS_SU 7A_COMBINED_RES_BKGD SUBTRACT.RAD

Dose/Source Ratios Summed Over All Pathways
Parent and Progeny Principal Radionuclide Contributions Indicated

Parent (i)	Product (j)	Thread Fraction	DSR(j,t) At Time in Years (mrem/yr)/(pCi/g) 0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
Ac-227+D	Ac-227+D	1.000E+00	2.062E+00	2.718E+00	3.415E+00	2.854E+00	6.794E-01	1.130E-01	6.587E-08	1.055E-15
C-14	C-14	1.000E+00	3.276E-02	5.398E-03	2.827E-06	2.212E-10	1.920E-43	0.000E+00	0.000E+00	0.000E+00
Co-60	Co-60	1.000E+00	8.049E+00	7.056E+00	4.169E+00	2.159E+00	1.118E-02	1.553E-05	2.152E-28	0.000E+00
Cs-137+D	Cs-137+D	1.000E+00	1.801E+00	1.760E+00	1.604E+00	1.428E+00	5.631E-01	1.760E-01	1.604E-05	1.429E-10
Eu-152	Eu-152	7.208E-01	2.612E+00	2.480E+00	2.013E+00	1.552E+00	1.931E-01	1.427E-02	1.271E-11	6.188E-23
Eu-152	Eu-152	2.792E-01	1.012E+00	9.605E-01	7.799E-01	6.010E-01	7.479E-02	5.528E-03	4.925E-12	2.397E-23
Eu-152	Gd-152	2.792E-01	8.026E-18	2.353E-17	7.806E-17	1.320E-16	2.899E-16	3.094E-16	2.991E-16	2.847E-16
Eu-152	∑DSR(j)		1.012E+00	9.605E-01	7.799E-01	6.010E-01	7.479E-02	5.528E-03	4.925E-12	2.847E-16
Eu-154	Eu-154	1.000E+00	3.905E+00	3.609E+00	2.633E+00	1.775E+00	7.571E-02	1.468E-03	2.927E-17	2.193E-34
Gd-152	Gd-152	1.000E+00	9.115E-03	9.114E-03	9.110E-03	9.106E-03	9.070E-03	9.026E-03	8.678E-03	8.263E-03
H-3	H-3	1.000E+00	3.700E-03	1.274E-03	1.600E-05	6.702E-08	5.328E-27	0.000E+00	0.000E+00	0.000E+00
Ni-63	Ni-63	1.000E+00	3.680E-04	3.653E-04	3.548E-04	3.421E-04	2.554E-04	1.773E-04	9.558E-06	2.483E-07
Pa-231	Pa-231	1.000E+00	1.558E+00	1.639E+00	1.962E+00	2.182E+00	2.043E+00	1.881E+00	9.722E-01	4.249E-01
Pa-231	Ac-227+D	1.000E+00	3.388E-02	1.193E-01	6.365E-01	1.149E+00	2.928E+00	3.170E+00	1.681E+00	7.269E-01
Pa-231	∑DSR(j)		1.591E+00	1.758E+00	2.599E+00	3.331E+00	4.970E+00	5.051E+00	2.653E+00	1.152E+00
Pb-210+D	Pb-210+D	1.000E+00	9.539E-01	9.364E-01	8.680E-01	7.869E-01	2.406E-01	4.883E-02	1.405E-07	1.663E-14
Ra-226+D	Ra-226+D	1.000E+00	6.594E+00	6.589E+00	6.567E+00	6.541E+00	6.146E+00	5.677E+00	3.009E+00	1.360E+00
Ra-226+D	Pb-210+D	1.000E+00	1.757E-02	4.795E-02	1.675E-01	3.159E-01	8.958E-01	1.005E+00	5.577E-01	2.502E-01
Ra-226+D	∑DSR(j)		6.612E+00	6.637E+00	6.735E+00	6.857E+00	7.042E+00	6.683E+00	3.566E+00	1.611E+00
Sr-90+D	Sr-90+D	1.000E+00	5.912E-01	5.814E-01	5.323E-01	4.640E-01	1.547E-01	3.919E-02	6.651E-07	7.242E-13
Th-230	Th-230	1.000E+00	1.459E-02	1.459E-02	1.459E-02	1.459E-02	1.459E-02	1.458E-02	1.452E-02	1.444E-02
Th-230	Ra-226+D	1.000E+00	1.420E-03	4.274E-03	1.567E-02	2.985E-02	1.396E-01	2.674E-01	9.916E-01	1.433E+00
Th-230	Pb-210+D	1.000E+00	2.759E-06	1.703E-05	2.029E-04	7.213E-04	1.232E-02	3.312E-02	1.630E-01	2.383E-01
Th-230	∑DSR(j)		1.602E-02	1.888E-02	3.046E-02	4.517E-02	1.666E-01	3.151E-01	1.169E+00	1.686E+00
U-234	U-234	1.000E+00	1.343E-02	1.564E-02	2.446E-02	3.055E-02	2.861E-02	2.636E-02	1.365E-02	5.965E-03
U-234	Th-230	1.000E+00	6.855E-08	2.003E-07	7.237E-07	1.373E-06	6.384E-06	1.220E-05	4.503E-05	6.483E-05
U-234	Ra-226+D	1.000E+00	4.289E-09	2.998E-08	3.889E-07	1.411E-06	3.135E-05	1.178E-04	1.937E-03	4.793E-03
U-234	Pb-210+D	1.000E+00	1.678E-10	5.356E-10	5.197E-09	2.558E-08	2.059E-06	1.183E-05	3.093E-04	8.106E-04
U-234	∑DSR(j)		1.343E-02	1.564E-02	2.446E-02	3.055E-02	2.865E-02	2.650E-02	1.594E-02	1.163E-02

Summary : IV/FSS_SU 7A_Combined_Res_Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\IV_FSS_SU 7A_COMBINED_RES_BKGD SUBTRACT.RAD

Dose/Source Ratios Summed Over All Pathways
Parent and Progeny Principal Radionuclide Contributions Indicated

Parent (i)	Product (j)	Thread Fraction	DSR(j,t) At Time in Years (mrem/yr)/(pCi/g) 0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
U-235+D	U-235+D	1.000E+00	4.299E-01	4.313E-01	4.370E-01	4.394E-01	4.119E-01	3.799E-01	1.991E-01	8.871E-02
U-235+D	Pa-231	1.000E+00	1.597E-05	5.140E-05	2.277E-04	4.840E-04	2.183E-03	4.003E-03	1.035E-02	9.091E-03
U-235+D	Ac-227+D	1.000E+00	2.619E-07	1.981E-06	3.753E-05	1.356E-04	1.995E-03	5.009E-03	1.684E-02	1.509E-02
U-235+D	∑DSR(j)		4.299E-01	4.314E-01	4.372E-01	4.400E-01	4.161E-01	3.889E-01	2.263E-01	1.129E-01
U-238	U-238	5.400E-05	6.450E-07	7.526E-07	1.182E-06	1.478E-06	1.385E-06	1.276E-06	6.614E-07	2.894E-07
U-238+D	U-238+D	9.999E-01	9.323E-02	9.520E-02	1.031E-01	1.082E-01	1.014E-01	9.352E-02	4.889E-02	2.170E-02
U-238+D	U-234	9.999E-01	1.956E-08	6.702E-08	3.818E-07	9.092E-07	4.096E-06	7.510E-06	1.938E-05	1.694E-05
U-238+D	Th-230	9.999E-01	9.064E-14	5.238E-13	5.951E-12	2.114E-11	4.571E-10	1.704E-09	2.777E-08	6.844E-08
U-238+D	Ra-226+D	9.999E-01	5.014E-11	1.583E-10	5.676E-10	1.443E-09	1.390E-08	3.513E-08	9.456E-07	4.004E-06
U-238+D	Pb-210+D	9.999E-01	2.119E-10	6.638E-10	2.369E-09	5.829E-09	4.842E-08	9.428E-08	4.932E-07	1.164E-06
U-238+D	∑DSR(j)		9.323E-02	9.520E-02	1.031E-01	1.082E-01	1.014E-01	9.352E-02	4.891E-02	2.172E-02

The DSR includes contributions from associated (half-life ≤ 180 days) daughters.

Single Radionuclide Soil Guidelines G(i,t) in pCi/g
Basic Radiation Dose Limit = 2.500E+01 mrem/yr

Nuclide (i)	t= 0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
Ac-227	1.212E+01	9.197E+00	7.321E+00	8.759E+00	3.680E+01	2.213E+02	3.795E+08	*7.232E+13
C-14	7.632E+02	4.631E+03	8.845E+06	1.130E+11	*4.455E+12	*4.455E+12	*4.455E+12	*4.455E+12
Co-60	3.106E+00	3.543E+00	5.997E+00	1.158E+01	2.236E+03	1.610E+06	*1.132E+15	*1.132E+15
Cs-137	1.388E+01	1.420E+01	1.559E+01	1.751E+01	4.440E+01	1.420E+02	1.558E+06	1.750E+11
Eu-152	6.898E+00	7.267E+00	8.950E+00	1.161E+01	9.332E+01	1.263E+03	1.417E+12	*1.765E+14
Eu-154	6.401E+00	6.927E+00	9.496E+00	1.409E+01	3.302E+02	1.703E+04	*2.639E+14	*2.639E+14
Gd-152	*2.179E+01	*2.179E+01	*2.179E+01	*2.179E+01	*2.179E+01	*2.179E+01	*2.179E+01	*2.179E+01
H-3	6.756E+03	1.963E+04	1.562E+06	3.730E+08	*9.597E+15	*9.597E+15	*9.597E+15	*9.597E+15
Ni-63	6.794E+04	6.844E+04	7.047E+04	7.309E+04	9.788E+04	1.410E+05	2.616E+06	1.007E+08
Pa-231	1.571E+01	1.422E+01	9.621E+00	7.506E+00	5.030E+00	4.950E+00	9.424E+00	2.170E+01
Pb-210	2.621E+01	2.670E+01	2.880E+01	3.177E+01	1.039E+02	5.120E+02	1.779E+08	*7.634E+13
Ra-226	3.781E+00	3.767E+00	3.712E+00	3.646E+00	3.550E+00	3.741E+00	7.010E+00	1.552E+01
Sr-90	4.229E+01	4.300E+01	4.697E+01	5.388E+01	1.616E+02	6.379E+02	3.759E+07	3.452E+13
Th-230	1.561E+03	1.324E+03	8.207E+02	5.535E+02	1.501E+02	7.935E+01	2.138E+01	1.483E+01
U-234	1.862E+03	1.598E+03	1.022E+03	8.183E+02	8.726E+02	9.434E+02	1.568E+03	2.149E+03
U-235	5.815E+01	5.796E+01	5.718E+01	5.682E+01	6.009E+01	6.428E+01	1.105E+02	2.214E+02
U-238	2.682E+02	2.626E+02	2.426E+02	2.311E+02	2.465E+02	2.673E+02	5.112E+02	1.151E+03

*At specific activity limit

Summary : IV/FSS_SU 7A_Combined_Res_Bkgd Subtract
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Summed Dose/Source Ratios DSR(i,t) in (mrem/yr)/(pCi/g)
and Single Radionuclide Soil Guidelines G(i,t) in pCi/g
at tmin = time of minimum single radionuclide soil guideline
and at tmax = time of maximum total dose = 0.000E+00 years

Nuclide (i)	Initial (pCi/g)	tmin (years)	DSR(i,tmin)	G(i,tmin) (pCi/g)	DSR(i,tmax)	G(i,tmax) (pCi/g)
Ac-227	8.180E-03	2.889 ± 0.006	3.661E+00	6.828E+00	2.062E+00	1.212E+01
C-14	1.036E+00	0.000E+00	3.276E-02	7.632E+02	3.276E-02	7.632E+02
Co-60	1.300E-02	0.000E+00	8.049E+00	3.106E+00	8.049E+00	3.106E+00
Cs-137	6.247E+00	0.000E+00	1.801E+00	1.388E+01	1.801E+00	1.388E+01
Eu-152	6.440E-02	0.000E+00	3.624E+00	6.898E+00	3.624E+00	6.898E+00
Eu-154	3.830E-02	0.000E+00	3.905E+00	6.401E+00	3.905E+00	6.401E+00
Gd-152	6.440E-02	0.000E+00	9.115E-03	*2.179E+01	9.115E-03	*2.179E+01
H-3	8.823E+01	0.000E+00	3.700E-03	6.756E+03	3.700E-03	6.756E+03
Ni-63	6.040E-01	0.000E+00	3.680E-04	6.794E+04	3.680E-04	6.794E+04
Pa-231	8.180E-03	76.0 ± 0.2	5.117E+00	4.886E+00	1.591E+00	1.571E+01
Pb-210	2.200E-01	0.000E+00	9.539E-01	2.621E+01	9.539E-01	2.621E+01
Ra-226	2.200E-01	37.24 ± 0.07	7.067E+00	3.537E+00	6.612E+00	3.781E+00
Sr-90	2.573E+01	0.000E+00	5.912E-01	4.229E+01	5.912E-01	4.229E+01
Th-230	3.450E-02	1.000E+03	1.686E+00	1.483E+01	1.602E-02	1.561E+03
U-234	3.450E-02	8.32 ± 0.02	3.064E-02	8.161E+02	1.343E-02	1.862E+03
U-235	8.180E-03	8.07 ± 0.02	4.412E-01	5.666E+01	4.299E-01	5.815E+01
U-238	3.450E-02	8.26 ± 0.02	1.085E-01	2.304E+02	9.323E-02	2.682E+02

*At specific activity limit

Summary : IV/FSS_SU 7A_Combined_Res_Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\IV_FSS_SU 7A_COMBINED_RES_BKGD SUBTRACT.RAD

Individual Nuclide Dose Summed Over All Pathways
Parent Nuclide and Branch Fraction Indicated

Nuclide (j)	Parent (i)	THF(i)	DOSE(j,t), mrem/yr t= 0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
Ac-227	Ac-227	1.000E+00	1.687E-02	2.224E-02	2.793E-02	2.335E-02	5.558E-03	9.241E-04	5.388E-10	8.631E-18
Ac-227	Pa-231	1.000E+00	2.771E-04	9.757E-04	5.207E-03	9.398E-03	2.395E-02	2.593E-02	1.375E-02	5.946E-03
Ac-227	U-235	1.000E+00	2.142E-09	1.621E-08	3.070E-07	1.109E-06	1.632E-05	4.097E-05	1.378E-04	1.235E-04
Ac-227	∑DOSE(j)		1.714E-02	2.321E-02	3.314E-02	3.275E-02	2.952E-02	2.690E-02	1.388E-02	6.070E-03
C-14	C-14	1.000E+00	3.394E-02	5.593E-03	2.928E-06	2.292E-10	0.000E+00	0.000E+00	0.000E+00	0.000E+00
Co-60	Co-60	1.000E+00	1.046E-01	9.173E-02	5.419E-02	2.807E-02	1.453E-04	2.019E-07	2.789E-30	0.000E+00
Cs-137	Cs-137	1.000E+00	1.125E+01	1.099E+01	1.002E+01	8.918E+00	3.518E+00	1.100E+00	1.002E-04	8.927E-10
Eu-152	Eu-152	7.208E-01	1.682E-01	1.597E-01	1.297E-01	9.992E-02	1.244E-02	9.191E-04	8.188E-13	3.985E-24
Eu-152	Eu-152	2.792E-01	6.517E-02	6.186E-02	5.022E-02	3.871E-02	4.817E-03	3.560E-04	3.172E-13	1.544E-24
Eu-152	∑DOSE(j)		2.334E-01	2.216E-01	1.799E-01	1.386E-01	1.725E-02	1.275E-03	1.136E-12	5.529E-24
Gd-152	Eu-152	2.792E-01	5.169E-19	1.516E-18	5.027E-18	8.501E-18	1.867E-17	1.992E-17	1.926E-17	1.834E-17
Gd-152	Gd-152	1.000E+00	5.870E-04	5.869E-04	5.867E-04	5.864E-04	5.841E-04	5.813E-04	5.589E-04	5.321E-04
Gd-152	∑DOSE(j)		5.870E-04	5.869E-04	5.867E-04	5.864E-04	5.841E-04	5.813E-04	5.589E-04	5.321E-04
Eu-154	Eu-154	1.000E+00	1.496E-01	1.382E-01	1.008E-01	6.798E-02	2.900E-03	5.621E-05	1.121E-18	0.000E+00
H-3	H-3	1.000E+00	3.265E-01	1.124E-01	1.412E-03	5.913E-06	4.700E-25	0.000E+00	0.000E+00	0.000E+00
Ni-63	Ni-63	1.000E+00	2.222E-04	2.206E-04	2.143E-04	2.066E-04	1.543E-04	1.071E-04	5.773E-06	1.500E-07
Pa-231	Pa-231	1.000E+00	1.274E-02	1.340E-02	1.605E-02	1.785E-02	1.671E-02	1.539E-02	7.953E-03	3.476E-03
Pa-231	U-235	1.000E+00	1.307E-07	4.204E-07	1.863E-06	3.959E-06	1.786E-05	3.275E-05	8.466E-05	7.436E-05
Pa-231	∑DOSE(j)		1.274E-02	1.341E-02	1.605E-02	1.785E-02	1.673E-02	1.542E-02	8.037E-03	3.550E-03
Pb-210	Pb-210	1.000E+00	2.099E-01	2.060E-01	1.910E-01	1.731E-01	5.293E-02	1.074E-02	3.091E-08	3.659E-15
Pb-210	Ra-226	1.000E+00	3.866E-03	1.055E-02	3.686E-02	6.949E-02	1.971E-01	2.211E-01	1.227E-01	5.504E-02
Pb-210	Th-230	1.000E+00	9.518E-08	5.876E-07	6.999E-06	2.488E-05	4.251E-04	1.143E-03	5.623E-03	8.220E-03
Pb-210	U-234	1.000E+00	5.790E-12	1.848E-11	1.793E-10	8.823E-10	7.103E-08	4.080E-07	1.067E-05	2.796E-05
Pb-210	U-238	9.999E-01	7.311E-12	2.290E-11	8.172E-11	2.011E-10	1.671E-09	3.253E-09	1.702E-08	4.014E-08
Pb-210	∑DOSE(j)		2.137E-01	2.166E-01	2.278E-01	2.426E-01	2.504E-01	2.330E-01	1.283E-01	6.329E-02
Ra-226	Ra-226	1.000E+00	1.451E+00	1.450E+00	1.445E+00	1.439E+00	1.352E+00	1.249E+00	6.619E-01	2.993E-01
Ra-226	Th-230	1.000E+00	4.899E-05	1.474E-04	5.406E-04	1.030E-03	4.818E-03	9.224E-03	3.421E-02	4.945E-02
Ra-226	U-234	1.000E+00	1.480E-10	1.034E-09	1.342E-08	4.867E-08	1.082E-06	4.064E-06	6.683E-05	1.654E-04
Ra-226	U-238	9.999E-01	1.730E-12	5.462E-12	1.958E-11	4.979E-11	4.794E-10	1.212E-09	3.262E-08	1.381E-07
Ra-226	∑DOSE(j)		1.451E+00	1.450E+00	1.445E+00	1.440E+00	1.357E+00	1.258E+00	6.962E-01	3.489E-01
Sr-90	Sr-90	1.000E+00	1.521E+01	1.496E+01	1.370E+01	1.194E+01	3.980E+00	1.008E+00	1.711E-05	1.863E-11
Th-230	Th-230	1.000E+00	5.035E-04	5.034E-04	5.034E-04	5.034E-04	5.032E-04	5.029E-04	5.009E-04	4.983E-04
Th-230	U-234	1.000E+00	2.365E-09	6.911E-09	2.497E-08	4.738E-08	2.202E-07	4.211E-07	1.553E-06	2.237E-06
Th-230	U-238	9.999E-01	3.127E-15	1.807E-14	2.053E-13	7.295E-13	1.577E-11	5.880E-11	9.582E-10	2.361E-09
Th-230	∑DOSE(j)		5.035E-04	5.035E-04	5.035E-04	5.034E-04	5.034E-04	5.034E-04	5.024E-04	5.005E-04

Summary : IV/FSS_SU 7A_Combined_Res_Bkgd Subtract
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Individual Nuclide Dose Summed Over All Pathways
Parent Nuclide and Branch Fraction Indicated

Nuclide	Parent	THF(i)	DOSE(j,t), mrem/yr							
(j)	(i)	t=	0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
U-234	U-234	1.000E+00	4.632E-04	5.396E-04	8.438E-04	1.054E-03	9.870E-04	9.093E-04	4.709E-04	2.058E-04
U-234	U-238	9.999E-01	6.747E-10	2.312E-09	1.317E-08	3.137E-08	1.413E-07	2.591E-07	6.686E-07	5.845E-07
U-234	∑DOSE(j)		4.632E-04	5.396E-04	8.438E-04	1.054E-03	9.872E-04	9.096E-04	4.716E-04	2.064E-04
U-235	U-235	1.000E+00	3.516E-03	3.528E-03	3.574E-03	3.594E-03	3.369E-03	3.108E-03	1.628E-03	7.256E-04
U-238	U-238	5.400E-05	2.225E-08	2.597E-08	4.077E-08	5.100E-08	4.777E-08	4.401E-08	2.282E-08	9.984E-09
U-238	U-238	9.999E-01	3.216E-03	3.284E-03	3.555E-03	3.733E-03	3.499E-03	3.226E-03	1.687E-03	7.487E-04
U-238	∑DOSE(j)		3.216E-03	3.284E-03	3.555E-03	3.733E-03	3.499E-03	3.226E-03	1.687E-03	7.487E-04

THF(i) is the thread fraction of the parent nuclide.

Summary : IV/FSS_SU 7A_Combined_Res_Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\IV_FSS_SU 7A_COMBINED_RES_BKGD SUBTRACT.RAD

Individual Nuclide Soil Concentration
Parent Nuclide and Branch Fraction Indicated

Nuclide (j)	Parent (i)	THF(i)	S(j,t), pCi/g t= 0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
Ac-227	Ac-227	1.000E+00	8.180E-03	7.892E-03	6.838E-03	5.715E-03	1.362E-03	2.268E-04	1.341E-10	2.198E-18
Ac-227	Pa-231	1.000E+00	0.000E+00	2.556E-04	1.187E-03	2.170E-03	5.746E-03	6.251E-03	3.360E-03	1.483E-03
Ac-227	U-235	1.000E+00	0.000E+00	2.719E-09	6.458E-08	2.426E-07	3.868E-06	9.816E-06	3.364E-05	3.078E-05
Ac-227	∑S(j):		8.180E-03	8.148E-03	8.025E-03	7.885E-03	7.112E-03	6.488E-03	3.394E-03	1.514E-03
C-14	C-14	1.000E+00	1.036E+00	1.569E-01	8.216E-05	6.429E-09	5.572E-42	0.000E+00	0.000E+00	0.000E+00
Co-60	Co-60	1.000E+00	1.300E-02	1.140E-02	6.733E-03	3.487E-03	1.806E-05	2.508E-08	3.476E-31	0.000E+00
Cs-137	Cs-137	1.000E+00	6.247E+00	6.103E+00	5.561E+00	4.951E+00	1.953E+00	6.104E-01	5.564E-05	4.955E-10
Eu-152	Eu-152	7.208E-01	4.642E-02	4.406E-02	3.577E-02	2.757E-02	3.431E-03	2.536E-04	2.259E-13	1.100E-24
Eu-152	Eu-152	2.792E-01	1.798E-02	1.707E-02	1.386E-02	1.068E-02	1.329E-03	9.823E-05	8.751E-14	4.259E-25
Eu-152	∑S(j):		6.440E-02	6.113E-02	4.963E-02	3.825E-02	4.760E-03	3.518E-04	3.134E-13	1.525E-24
Gd-152	Eu-152	2.792E-01	0.000E+00	1.124E-16	5.078E-16	8.990E-16	2.044E-15	2.185E-15	2.113E-15	2.012E-15
Gd-152	Gd-152	1.000E+00	6.440E-02	6.439E-02	6.437E-02	6.434E-02	6.408E-02	6.377E-02	6.132E-02	5.838E-02
Gd-152	∑S(j):		6.440E-02	6.439E-02	6.437E-02	6.434E-02	6.408E-02	6.377E-02	6.132E-02	5.838E-02
Eu-154	Eu-154	1.000E+00	3.830E-02	3.540E-02	2.582E-02	1.741E-02	7.425E-04	1.439E-05	2.870E-19	2.151E-36
H-3	H-3	1.000E+00	8.823E+01	2.955E+01	3.714E-01	1.556E-03	1.240E-22	0.000E+00	0.000E+00	0.000E+00
Ni-63	Ni-63	1.000E+00	6.040E-01	5.996E-01	5.823E-01	5.615E-01	4.193E-01	2.910E-01	1.569E-02	4.075E-04
Pa-231	Pa-231	1.000E+00	8.180E-03	8.167E-03	8.113E-03	8.047E-03	7.538E-03	6.946E-03	3.611E-03	1.594E-03
Pa-231	U-235	1.000E+00	0.000E+00	1.728E-07	8.584E-07	1.703E-06	7.979E-06	1.471E-05	3.841E-05	3.409E-05
Pa-231	∑S(j):		8.180E-03	8.167E-03	8.114E-03	8.049E-03	7.546E-03	6.961E-03	3.650E-03	1.629E-03
Pb-210	Pb-210	1.000E+00	2.200E-01	2.131E-01	1.876E-01	1.599E-01	4.466E-02	9.066E-03	2.614E-08	3.107E-15
Pb-210	Ra-226	1.000E+00	0.000E+00	6.725E-03	3.148E-02	5.806E-02	1.626E-01	1.832E-01	1.021E-01	4.615E-02
Pb-210	Th-230	1.000E+00	0.000E+00	2.297E-07	5.495E-06	2.083E-05	3.537E-04	9.563E-04	4.797E-03	7.158E-03
Pb-210	U-234	1.000E+00	0.000E+00	6.909E-13	8.342E-11	6.396E-10	5.852E-08	3.366E-07	8.865E-06	2.336E-05
Pb-210	U-238	9.999E-01	0.000E+00	4.904E-19	2.977E-16	4.596E-15	2.201E-12	2.635E-11	3.687E-09	1.837E-08
Pb-210	∑S(j):		2.200E-01	2.198E-01	2.191E-01	2.180E-01	2.076E-01	1.933E-01	1.069E-01	5.333E-02
Ra-226	Ra-226	1.000E+00	2.200E-01	2.197E-01	2.183E-01	2.165E-01	2.032E-01	1.877E-01	9.949E-02	4.500E-02
Ra-226	Th-230	1.000E+00	0.000E+00	1.493E-05	7.443E-05	1.483E-04	7.182E-04	1.381E-03	5.143E-03	7.443E-03
Ra-226	U-234	1.000E+00	0.000E+00	6.720E-11	1.673E-09	6.655E-09	1.594E-07	6.048E-07	1.002E-05	2.483E-05
Ra-226	U-238	9.999E-01	0.000E+00	6.349E-17	7.898E-15	6.280E-14	7.481E-12	5.637E-11	4.400E-09	2.002E-08
Ra-226	∑S(j):		2.200E-01	2.197E-01	2.183E-01	2.167E-01	2.039E-01	1.891E-01	1.046E-01	5.246E-02
Sr-90	Sr-90	1.000E+00	2.573E+01	2.503E+01	2.243E+01	1.955E+01	6.519E+00	1.652E+00	2.806E-05	3.059E-11
Th-230	Th-230	1.000E+00	3.450E-02	3.450E-02	3.450E-02	3.450E-02	3.448E-02	3.446E-02	3.432E-02	3.414E-02
Th-230	U-234	1.000E+00	0.000E+00	3.103E-07	1.547E-06	3.081E-06	1.491E-05	2.866E-05	1.062E-04	1.529E-04
Th-230	U-238	9.999E-01	0.000E+00	4.397E-13	1.095E-11	4.355E-11	1.043E-09	3.954E-09	6.531E-08	1.612E-07
Th-230	∑S(j):		3.450E-02	3.450E-02	3.450E-02	3.450E-02	3.450E-02	3.449E-02	3.443E-02	3.430E-02

Summary : IV/FSS_SU 7A_Combined_Res_Bkgd Subtract
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Individual Nuclide Soil Concentration
Parent Nuclide and Branch Fraction Indicated

Nuclide (j)	Parent (i)	THF(i)	S(j,t), pCi/g							
		t=	0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
U-234	U-234	1.000E+00	3.450E-02	3.444E-02	3.422E-02	3.395E-02	3.182E-02	2.935E-02	1.537E-02	6.849E-03
U-234	U-238	9.999E-01	0.000E+00	9.764E-08	4.851E-07	9.623E-07	4.511E-06	8.321E-06	2.180E-05	1.944E-05
U-234	∑S(j):		3.450E-02	3.444E-02	3.422E-02	3.395E-02	3.183E-02	2.936E-02	1.539E-02	6.868E-03
U-235	U-235	1.000E+00	8.180E-03	8.167E-03	8.114E-03	8.049E-03	7.546E-03	6.961E-03	3.650E-03	1.629E-03
U-238	U-238	5.400E-05	1.863E-06	1.860E-06	1.848E-06	1.833E-06	1.719E-06	1.585E-06	8.312E-07	3.709E-07
U-238	U-238	9.999E-01	3.450E-02	3.444E-02	3.422E-02	3.395E-02	3.182E-02	2.936E-02	1.539E-02	6.868E-03
U-238	∑S(j):		3.450E-02	3.444E-02	3.422E-02	3.395E-02	3.183E-02	2.936E-02	1.539E-02	6.868E-03

THF(i) is the thread fraction of the parent nuclide.

RESCALC.EXE execution time = 21.01 seconds

Summary : IV/FSS_SU 7A_Sys_Ind_Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\IR_FSS_SU 7A_SYSTEMATIC_INDUSTRIAL_BKGD SUBTRACT.RAD

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Dose Conversion Factor (and Related) Parameter Summary
Dose Library: FGR 11

Menu	Parameter	Current Value#	Base Case*	Parameter Name
A-1	DCF's for external ground radiation, (mrem/yr)/(pCi/g)			
A-1	At-218 (Source: FGR 12)	5.847E-03	5.847E-03	DCF1(1)
A-1	Ba-137m (Source: FGR 12)	3.606E+00	3.606E+00	DCF1(2)
A-1	Bi-210 (Source: FGR 12)	3.606E-03	3.606E-03	DCF1(3)
A-1	Bi-214 (Source: FGR 12)	9.808E+00	9.808E+00	DCF1(4)
A-1	C-14 (Source: FGR 12)	1.345E-05	1.345E-05	DCF1(5)
A-1	Co-60 (Source: FGR 12)	1.622E+01	1.622E+01	DCF1(6)
A-1	Cs-137 (Source: FGR 12)	7.510E-04	7.510E-04	DCF1(7)
A-1	Eu-152 (Source: FGR 12)	7.006E+00	7.006E+00	DCF1(8)
A-1	Eu-154 (Source: FGR 12)	7.678E+00	7.678E+00	DCF1(9)
A-1	Gd-152 (Source: FGR 12)	0.000E+00	0.000E+00	DCF1(10)
A-1	H-3 (Source: FGR 12)	0.000E+00	0.000E+00	DCF1(11)
A-1	Ni-63 (Source: FGR 12)	0.000E+00	0.000E+00	DCF1(12)
A-1	Pa-234 (Source: FGR 12)	1.155E+01	1.155E+01	DCF1(13)
A-1	Pa-234m (Source: FGR 12)	8.967E-02	8.967E-02	DCF1(14)
A-1	Pb-210 (Source: FGR 12)	2.447E-03	2.447E-03	DCF1(15)
A-1	Pb-214 (Source: FGR 12)	1.341E+00	1.341E+00	DCF1(16)
A-1	Po-210 (Source: FGR 12)	5.231E-05	5.231E-05	DCF1(17)
A-1	Po-214 (Source: FGR 12)	5.138E-04	5.138E-04	DCF1(18)
A-1	Po-218 (Source: FGR 12)	5.642E-05	5.642E-05	DCF1(19)
A-1	Ra-226 (Source: FGR 12)	3.176E-02	3.176E-02	DCF1(20)
A-1	Rn-222 (Source: FGR 12)	2.354E-03	2.354E-03	DCF1(21)
A-1	Sr-90 (Source: FGR 12)	7.043E-04	7.043E-04	DCF1(22)
A-1	Th-230 (Source: FGR 12)	1.209E-03	1.209E-03	DCF1(23)
A-1	Th-234 (Source: FGR 12)	2.410E-02	2.410E-02	DCF1(24)
A-1	Tl-210 (Source: no data)	0.000E+00	-2.000E+00	DCF1(25)
A-1	U-234 (Source: FGR 12)	4.017E-04	4.017E-04	DCF1(26)
A-1	U-238 (Source: FGR 12)	1.031E-04	1.031E-04	DCF1(27)
A-1	Y-90 (Source: FGR 12)	2.391E-02	2.391E-02	DCF1(28)
B-1	Dose conversion factors for inhalation, mrem/pCi:			
B-1	C-14(p) (Class: ORGANIC)	2.090E-06	2.090E-06	DCF2(1)
B-1	C-14(g) (Class: CO2)	2.350E-08	2.350E-08	C14GInhDCF
B-1	Co-60	2.190E-04	2.190E-04	DCF2(2)
B-1	Cs-137+D	3.190E-05	3.190E-05	DCF2(3)
B-1	Eu-152	2.210E-04	2.210E-04	DCF2(4)
B-1	Eu-154	2.860E-04	2.860E-04	DCF2(6)
B-1	Gd-152	2.430E-01	2.430E-01	DCF2(7)
B-1	H-3	6.400E-08	6.400E-08	DCF2(8)
B-1	Ni-63	6.290E-06	6.290E-06	DCF2(9)
B-1	Pb-210+D	2.320E-02	1.360E-02	DCF2(10)
B-1	Ra-226+D	8.594E-03	8.580E-03	DCF2(11)
B-1	Sr-90+D	1.308E-03	1.300E-03	DCF2(12)
B-1	Th-230	3.260E-01	3.260E-01	DCF2(13)
B-1	U-234	1.320E-01	1.320E-01	DCF2(14)
B-1	U-238	1.180E-01	1.180E-01	DCF2(15)
B-1	U-238+D	1.180E-01	1.180E-01	DCF2(16)
D-1	Dose conversion factors for ingestion, mrem/pCi:			
D-1	C-14	2.090E-06	2.090E-06	DCF3(1)

Dose Conversion Factor (and Related) Parameter Summary (continued)
Dose Library: FGR 11

Menu	Parameter	Current Value#	Base Case*	Parameter Name
D-1	Co-60	2.690E-05	2.690E-05	DCF3(2)
D-1	Cs-137+D	5.000E-05	5.000E-05	DCF3(3)
D-1	Eu-152	6.480E-06	6.480E-06	DCF3(4)
D-1	Eu-154	9.550E-06	9.550E-06	DCF3(6)
D-1	Gd-152	1.610E-04	1.610E-04	DCF3(7)
D-1	H-3	6.400E-08	6.400E-08	DCF3(8)
D-1	Ni-63	5.770E-07	5.770E-07	DCF3(9)
D-1	Pb-210+D	7.276E-03	5.370E-03	DCF3(10)
D-1	Ra-226+D	1.321E-03	1.320E-03	DCF3(11)
D-1	Sr-90+D	1.528E-04	1.420E-04	DCF3(12)
D-1	Th-230	5.480E-04	5.480E-04	DCF3(13)
D-1	U-234	2.830E-04	2.830E-04	DCF3(14)
D-1	U-238	2.550E-04	2.550E-04	DCF3(15)
D-1	U-238+D	2.687E-04	2.550E-04	DCF3(16)
D-34	Food transfer factors:			
D-34	C-14 , plant/soil concentration ratio, dimensionless	5.500E+00	5.500E+00	RTF(1,1)
D-34	C-14 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	3.100E-02	3.100E-02	RTF(1,2)
D-34	C-14 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	1.200E-02	1.200E-02	RTF(1,3)
D-34				
D-34	Co-60 , plant/soil concentration ratio, dimensionless	8.000E-02	8.000E-02	RTF(2,1)
D-34	Co-60 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	2.000E-02	2.000E-02	RTF(2,2)
D-34	Co-60 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	2.000E-03	2.000E-03	RTF(2,3)
D-34				
D-34	Cs-137+D , plant/soil concentration ratio, dimensionless	4.000E-02	4.000E-02	RTF(3,1)
D-34	Cs-137+D , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	3.000E-02	3.000E-02	RTF(3,2)
D-34	Cs-137+D , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	8.000E-03	8.000E-03	RTF(3,3)
D-34				
D-34	Eu-152 , plant/soil concentration ratio, dimensionless	2.500E-03	2.500E-03	RTF(4,1)
D-34	Eu-152 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	2.000E-03	2.000E-03	RTF(4,2)
D-34	Eu-152 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	5.000E-05	5.000E-05	RTF(4,3)
D-34				
D-34	Eu-154 , plant/soil concentration ratio, dimensionless	2.500E-03	2.500E-03	RTF(6,1)
D-34	Eu-154 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	2.000E-03	2.000E-03	RTF(6,2)
D-34	Eu-154 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	5.000E-05	5.000E-05	RTF(6,3)
D-34				
D-34	Gd-152 , plant/soil concentration ratio, dimensionless	2.500E-03	2.500E-03	RTF(7,1)
D-34	Gd-152 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	2.000E-03	2.000E-03	RTF(7,2)
D-34	Gd-152 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	2.000E-05	2.000E-05	RTF(7,3)
D-34				
D-34	H-3 , plant/soil concentration ratio, dimensionless	4.800E+00	4.800E+00	RTF(8,1)
D-34	H-3 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	1.200E-02	1.200E-02	RTF(8,2)
D-34	H-3 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	1.000E-02	1.000E-02	RTF(8,3)
D-34				
D-34	Ni-63 , plant/soil concentration ratio, dimensionless	5.000E-02	5.000E-02	RTF(9,1)
D-34	Ni-63 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	5.000E-03	5.000E-03	RTF(9,2)
D-34	Ni-63 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	2.000E-02	2.000E-02	RTF(9,3)
D-34				

Dose Conversion Factor (and Related) Parameter Summary (continued)
Dose Library: FGR 11

Menu	Parameter	Current Value#	Base Case*	Parameter Name
D-34	Pb-210+D , plant/soil concentration ratio, dimensionless	1.000E-02	1.000E-02	RTF(10,1)
D-34	Pb-210+D , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	8.000E-04	8.000E-04	RTF(10,2)
D-34	Pb-210+D , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	3.000E-04	3.000E-04	RTF(10,3)
D-34				
D-34	Ra-226+D , plant/soil concentration ratio, dimensionless	4.000E-02	4.000E-02	RTF(11,1)
D-34	Ra-226+D , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	1.000E-03	1.000E-03	RTF(11,2)
D-34	Ra-226+D , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	1.000E-03	1.000E-03	RTF(11,3)
D-34				
D-34	Sr-90+D , plant/soil concentration ratio, dimensionless	3.000E-01	3.000E-01	RTF(12,1)
D-34	Sr-90+D , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	8.000E-03	8.000E-03	RTF(12,2)
D-34	Sr-90+D , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	2.000E-03	2.000E-03	RTF(12,3)
D-34				
D-34	Th-230 , plant/soil concentration ratio, dimensionless	1.000E-03	1.000E-03	RTF(13,1)
D-34	Th-230 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	1.000E-04	1.000E-04	RTF(13,2)
D-34	Th-230 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	5.000E-06	5.000E-06	RTF(13,3)
D-34				
D-34	U-234 , plant/soil concentration ratio, dimensionless	2.500E-03	2.500E-03	RTF(14,1)
D-34	U-234 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	3.400E-04	3.400E-04	RTF(14,2)
D-34	U-234 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	6.000E-04	6.000E-04	RTF(14,3)
D-34				
D-34	U-238 , plant/soil concentration ratio, dimensionless	2.500E-03	2.500E-03	RTF(15,1)
D-34	U-238 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	3.400E-04	3.400E-04	RTF(15,2)
D-34	U-238 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	6.000E-04	6.000E-04	RTF(15,3)
D-34				
D-34	U-238+D , plant/soil concentration ratio, dimensionless	2.500E-03	2.500E-03	RTF(16,1)
D-34	U-238+D , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	3.400E-04	3.400E-04	RTF(16,2)
D-34	U-238+D , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	6.000E-04	6.000E-04	RTF(16,3)
D-5	Bioaccumulation factors, fresh water, L/kg:			
D-5	C-14 , fish	5.000E+04	5.000E+04	BIOFAC(1,1)
D-5	C-14 , crustacea and mollusks	9.100E+03	9.100E+03	BIOFAC(1,2)
D-5				
D-5	Co-60 , fish	3.000E+02	3.000E+02	BIOFAC(2,1)
D-5	Co-60 , crustacea and mollusks	2.000E+02	2.000E+02	BIOFAC(2,2)
D-5				
D-5	Cs-137+D , fish	2.000E+03	2.000E+03	BIOFAC(3,1)
D-5	Cs-137+D , crustacea and mollusks	1.000E+02	1.000E+02	BIOFAC(3,2)
D-5				
D-5	Eu-152 , fish	5.000E+01	5.000E+01	BIOFAC(4,1)
D-5	Eu-152 , crustacea and mollusks	1.000E+03	1.000E+03	BIOFAC(4,2)
D-5				
D-5	Eu-154 , fish	5.000E+01	5.000E+01	BIOFAC(6,1)
D-5	Eu-154 , crustacea and mollusks	1.000E+03	1.000E+03	BIOFAC(6,2)
D-5				
D-5	Gd-152 , fish	2.500E+01	2.500E+01	BIOFAC(7,1)
D-5	Gd-152 , crustacea and mollusks	1.000E+03	1.000E+03	BIOFAC(7,2)
D-5				
D-5	H-3 , fish	1.000E+00	1.000E+00	BIOFAC(8,1)
D-5	H-3 , crustacea and mollusks	1.000E+00	1.000E+00	BIOFAC(8,2)
D-5				

Summary : IV/FSS_SU 7A_Sys_Ind_Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\IR_FSS_SU 7A_SYSTEMATIC_INDUSTRIAL_BKGD SUBTRACT.RAD

Dose Conversion Factor (and Related) Parameter Summary (continued)
Dose Library: FGR 11

Menu	Parameter	Current Value#	Base Case*	Parameter Name
D-5	Ni-63 , fish	1.000E+02	1.000E+02	BIOFAC(9,1)
D-5	Ni-63 , crustacea and mollusks	1.000E+02	1.000E+02	BIOFAC(9,2)
D-5				
D-5	Pb-210+D , fish	3.000E+02	3.000E+02	BIOFAC(10,1)
D-5	Pb-210+D , crustacea and mollusks	1.000E+02	1.000E+02	BIOFAC(10,2)
D-5				
D-5	Ra-226+D , fish	5.000E+01	5.000E+01	BIOFAC(11,1)
D-5	Ra-226+D , crustacea and mollusks	2.500E+02	2.500E+02	BIOFAC(11,2)
D-5				
D-5	Sr-90+D , fish	6.000E+01	6.000E+01	BIOFAC(12,1)
D-5	Sr-90+D , crustacea and mollusks	1.000E+02	1.000E+02	BIOFAC(12,2)
D-5				
D-5	Th-230 , fish	1.000E+02	1.000E+02	BIOFAC(13,1)
D-5	Th-230 , crustacea and mollusks	5.000E+02	5.000E+02	BIOFAC(13,2)
D-5				
D-5	U-234 , fish	1.000E+01	1.000E+01	BIOFAC(14,1)
D-5	U-234 , crustacea and mollusks	6.000E+01	6.000E+01	BIOFAC(14,2)
D-5				
D-5	U-238 , fish	1.000E+01	1.000E+01	BIOFAC(15,1)
D-5	U-238 , crustacea and mollusks	6.000E+01	6.000E+01	BIOFAC(15,2)
D-5				
D-5	U-238+D , fish	1.000E+01	1.000E+01	BIOFAC(16,1)
D-5	U-238+D , crustacea and mollusks	6.000E+01	6.000E+01	BIOFAC(16,2)

#For DCF1(xxx) only, factors are for infinite depth & area. See ETFG table in Ground Pathway of Detailed Report.
*Base Case means Default.Lib w/o Associate Nuclide contributions.

Summary : IV/FSS_SU 7A_Sys_Ind_Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\IR_FSS_SU 7A_SYSTEMATIC_INDUSTRIAL_BKGD SUBTRACT.RAD

Site-Specific Parameter Summary

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R011	Area of contaminated zone (m**2)	1.460E+02	1.000E+04	---	AREA
R011	Thickness of contaminated zone (m)	5.000E+00	2.000E+00	---	THICK0
R011	Fraction of contamination that is submerged	0.000E+00	0.000E+00	---	SUBMFRACT
R011	Length parallel to aquifer flow (m)	1.200E+01	1.000E+02	---	LCZPAQ
R011	Basic radiation dose limit (mrem/yr)	2.500E+01	3.000E+01	---	BRDL
R011	Time since placement of material (yr)	0.000E+00	0.000E+00	---	TI
R011	Times for calculations (yr)	1.000E+00	1.000E+00	---	T(2)
R011	Times for calculations (yr)	5.000E+00	3.000E+00	---	T(3)
R011	Times for calculations (yr)	1.000E+01	1.000E+01	---	T(4)
R011	Times for calculations (yr)	5.000E+01	3.000E+01	---	T(5)
R011	Times for calculations (yr)	1.000E+02	1.000E+02	---	T(6)
R011	Times for calculations (yr)	5.000E+02	3.000E+02	---	T(7)
R011	Times for calculations (yr)	1.000E+03	1.000E+03	---	T(8)
R011	Times for calculations (yr)	not used	0.000E+00	---	T(9)
R011	Times for calculations (yr)	not used	0.000E+00	---	T(10)
R012	Initial principal radionuclide (pCi/g): C-14	9.900E-01	0.000E+00	---	S1(1)
R012	Initial principal radionuclide (pCi/g): Co-60	1.500E-02	0.000E+00	---	S1(2)
R012	Initial principal radionuclide (pCi/g): Cs-137	2.070E-03	0.000E+00	---	S1(3)
R012	Initial principal radionuclide (pCi/g): Eu-152	9.240E-02	0.000E+00	---	S1(4)
R012	Initial principal radionuclide (pCi/g): Eu-154	4.770E-02	0.000E+00	---	S1(6)
R012	Initial principal radionuclide (pCi/g): Gd-152	9.240E-02	0.000E+00	---	S1(7)
R012	Initial principal radionuclide (pCi/g): H-3	8.208E+01	0.000E+00	---	S1(8)
R012	Initial principal radionuclide (pCi/g): Ni-63	5.400E-01	0.000E+00	---	S1(9)
R012	Initial principal radionuclide (pCi/g): Pb-210	2.200E-01	0.000E+00	---	S1(10)
R012	Initial principal radionuclide (pCi/g): Ra-226	2.200E-01	0.000E+00	---	S1(11)
R012	Initial principal radionuclide (pCi/g): Sr-90	1.470E-01	0.000E+00	---	S1(12)
R012	Initial principal radionuclide (pCi/g): Th-230	2.730E-02	0.000E+00	---	S1(13)
R012	Initial principal radionuclide (pCi/g): U-234	2.730E-02	0.000E+00	---	S1(14)
R012	Initial principal radionuclide (pCi/g): U-238	2.730E-02	0.000E+00	---	S1(15)
R012	Concentration in groundwater (pCi/L): C-14	not used	0.000E+00	---	W1(1)
R012	Concentration in groundwater (pCi/L): Co-60	not used	0.000E+00	---	W1(2)
R012	Concentration in groundwater (pCi/L): Cs-137	not used	0.000E+00	---	W1(3)
R012	Concentration in groundwater (pCi/L): Eu-152	not used	0.000E+00	---	W1(4)
R012	Concentration in groundwater (pCi/L): Eu-154	not used	0.000E+00	---	W1(6)
R012	Concentration in groundwater (pCi/L): Gd-152	not used	0.000E+00	---	W1(7)
R012	Concentration in groundwater (pCi/L): H-3	not used	0.000E+00	---	W1(8)
R012	Concentration in groundwater (pCi/L): Ni-63	not used	0.000E+00	---	W1(9)
R012	Concentration in groundwater (pCi/L): Pb-210	not used	0.000E+00	---	W1(10)
R012	Concentration in groundwater (pCi/L): Ra-226	not used	0.000E+00	---	W1(11)
R012	Concentration in groundwater (pCi/L): Sr-90	not used	0.000E+00	---	W1(12)
R012	Concentration in groundwater (pCi/L): Th-230	not used	0.000E+00	---	W1(13)
R012	Concentration in groundwater (pCi/L): U-234	not used	0.000E+00	---	W1(14)
R012	Concentration in groundwater (pCi/L): U-238	not used	0.000E+00	---	W1(15)
R013	Cover depth (m)	0.000E+00	0.000E+00	---	COVER0
R013	Density of cover material (g/cm**3)	not used	1.500E+00	---	DENSCV
R013	Cover depth erosion rate (m/yr)	not used	1.000E-03	---	VCV
R013	Density of contaminated zone (g/cm**3)	1.660E+00	1.500E+00	---	DENSCZ
R013	Contaminated zone erosion rate (m/yr)	1.000E-03	1.000E-03	---	VCZ

Site-Specific Parameter Summary (continued)

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R013	Contaminated zone total porosity	3.300E-01	4.000E-01	---	TPCZ
R013	Contaminated zone field capacity	2.400E-01	2.000E-01	---	FCCZ
R013	Contaminated zone hydraulic conductivity (m/yr)	5.000E+03	1.000E+01	---	HCCZ
R013	Contaminated zone b parameter	4.900E+00	5.300E+00	---	BCZ
R013	Average annual wind speed (m/sec)	6.230E+00	2.000E+00	---	WIND
R013	Humidity in air (g/m**3)	8.000E+00	8.000E+00	---	HUMID
R013	Evapotranspiration coefficient	4.600E-01	5.000E-01	---	EVAPTR
R013	Precipitation (m/yr)	1.230E+00	1.000E+00	---	PRECIP
R013	Irrigation (m/yr)	2.600E-01	2.000E-01	---	RI
R013	Irrigation mode	overhead	overhead	---	IDITCH
R013	Runoff coefficient	2.000E-01	2.000E-01	---	RUNOFF
R013	Watershed area for nearby stream or pond (m**2)	1.000E+06	1.000E+06	---	WAREA
R013	Accuracy for water/soil computations	1.000E-03	1.000E-03	---	EPS
R014	Density of saturated zone (g/cm**3)	1.660E+00	1.500E+00	---	DENSAQ
R014	Saturated zone total porosity	3.300E-01	4.000E-01	---	TPSZ
R014	Saturated zone effective porosity	2.400E-01	2.000E-01	---	EPSZ
R014	Saturated zone field capacity	2.000E-01	2.000E-01	---	FCSZ
R014	Saturated zone hydraulic conductivity (m/yr)	2.000E+04	1.000E+02	---	HCSZ
R014	Saturated zone hydraulic gradient	4.800E-03	2.000E-02	---	HGWT
R014	Saturated zone b parameter	4.900E+00	5.300E+00	---	BSZ
R014	Water table drop rate (m/yr)	1.000E-03	1.000E-03	---	VWT
R014	Well pump intake depth (m below water table)	1.800E+01	1.000E+01	---	DWIBWT
R014	Model: Nondispersion (ND) or Mass-Balance (MB)	ND	ND	---	MODEL
R014	Well pumping rate (m**3/yr)	2.500E+02	2.500E+02	---	UW
R015	Number of unsaturated zone strata	1	1	---	NS
R015	Unsat. zone 1, thickness (m)	0.000E+00	4.000E+00	---	H(1)
R015	Unsat. zone 1, soil density (g/cm**3)	1.660E+00	1.500E+00	---	DENSUZ(1)
R015	Unsat. zone 1, total porosity	3.300E-01	4.000E-01	---	TPUZ(1)
R015	Unsat. zone 1, effective porosity	2.400E-01	2.000E-01	---	EPUZ(1)
R015	Unsat. zone 1, field capacity	2.000E-01	2.000E-01	---	FCUZ(1)
R015	Unsat. zone 1, soil-specific b parameter	4.900E+00	5.300E+00	---	BUZ(1)
R015	Unsat. zone 1, hydraulic conductivity (m/yr)	5.000E+03	1.000E+01	---	HCUZ(1)
R016	Distribution coefficients for C-14				
R016	Contaminated zone (cm**3/g)	0.000E+00	0.000E+00	---	DCNUCC(1)
R016	Unsaturated zone 1 (cm**3/g)	0.000E+00	0.000E+00	---	DCNUCU(1,1)
R016	Saturated zone (cm**3/g)	0.000E+00	0.000E+00	---	DCNUCS(1)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	5.598E-01	ALEACH(1)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(1)
R016	Distribution coefficients for Co-60				
R016	Contaminated zone (cm**3/g)	1.000E+03	1.000E+03	---	DCNUCC(2)
R016	Unsaturated zone 1 (cm**3/g)	1.000E+03	1.000E+03	---	DCNUCU(2,1)
R016	Saturated zone (cm**3/g)	1.000E+03	1.000E+03	---	DCNUCS(2)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	8.092E-05	ALEACH(2)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(2)

Site-Specific Parameter Summary (continued)

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R016	Distribution coefficients for Cs-137				
R016	Contaminated zone (cm**3/g)	5.300E+02	4.600E+03	---	DCNUCC(3)
R016	Unsaturated zone 1 (cm**3/g)	5.300E+02	4.600E+03	---	DCNUCU(3,1)
R016	Saturated zone (cm**3/g)	5.300E+02	4.600E+03	---	DCNUCS(3)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	1.527E-04	ALEACH(3)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(3)
R016	Distribution coefficients for Eu-152				
R016	Contaminated zone (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCC(4)
R016	Unsaturated zone 1 (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCU(4,1)
R016	Saturated zone (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCS(4)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	9.810E-05	ALEACH(4)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(4)
R016	Distribution coefficients for Eu-154				
R016	Contaminated zone (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCC(6)
R016	Unsaturated zone 1 (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCU(6,1)
R016	Saturated zone (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCS(6)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	9.810E-05	ALEACH(6)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(6)
R016	Distribution coefficients for Gd-152				
R016	Contaminated zone (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCC(7)
R016	Unsaturated zone 1 (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCU(7,1)
R016	Saturated zone (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCS(7)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	9.810E-05	ALEACH(7)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(7)
R016	Distribution coefficients for H-3				
R016	Contaminated zone (cm**3/g)	0.000E+00	0.000E+00	---	DCNUCC(8)
R016	Unsaturated zone 1 (cm**3/g)	0.000E+00	0.000E+00	---	DCNUCU(8,1)
R016	Saturated zone (cm**3/g)	0.000E+00	0.000E+00	---	DCNUCS(8)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	5.598E-01	ALEACH(8)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(8)
R016	Distribution coefficients for Ni-63				
R016	Contaminated zone (cm**3/g)	1.000E+03	1.000E+03	---	DCNUCC(9)
R016	Unsaturated zone 1 (cm**3/g)	1.000E+03	1.000E+03	---	DCNUCU(9,1)
R016	Saturated zone (cm**3/g)	1.000E+03	1.000E+03	---	DCNUCS(9)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	8.092E-05	ALEACH(9)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(9)
R016	Distribution coefficients for Pb-210				
R016	Contaminated zone (cm**3/g)	1.000E+02	1.000E+02	---	DCNUCC(10)
R016	Unsaturated zone 1 (cm**3/g)	1.000E+02	1.000E+02	---	DCNUCU(10,1)
R016	Saturated zone (cm**3/g)	1.000E+02	1.000E+02	---	DCNUCS(10)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	8.082E-04	ALEACH(10)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(10)

Site-Specific Parameter Summary (continued)

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R016	Distribution coefficients for Ra-226				
R016	Contaminated zone (cm**3/g)	7.000E+01	7.000E+01	---	DCNUCC(11)
R016	Unsaturated zone 1 (cm**3/g)	7.000E+01	7.000E+01	---	DCNUCU(11,1)
R016	Saturated zone (cm**3/g)	7.000E+01	7.000E+01	---	DCNUCS(11)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	1.154E-03	ALEACH(11)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(11)
R016	Distribution coefficients for Sr-90				
R016	Contaminated zone (cm**3/g)	2.200E+01	3.000E+01	---	DCNUCC(12)
R016	Unsaturated zone 1 (cm**3/g)	2.200E+01	3.000E+01	---	DCNUCU(12,1)
R016	Saturated zone (cm**3/g)	2.200E+01	3.000E+01	---	DCNUCS(12)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	3.655E-03	ALEACH(12)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(12)
R016	Distribution coefficients for Th-230				
R016	Contaminated zone (cm**3/g)	6.000E+04	6.000E+04	---	DCNUCC(13)
R016	Unsaturated zone 1 (cm**3/g)	6.000E+04	6.000E+04	---	DCNUCU(13,1)
R016	Saturated zone (cm**3/g)	6.000E+04	6.000E+04	---	DCNUCS(13)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	1.349E-06	ALEACH(13)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(13)
R016	Distribution coefficients for U-234				
R016	Contaminated zone (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCC(14)
R016	Unsaturated zone 1 (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCU(14,1)
R016	Saturated zone (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCS(14)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	1.614E-03	ALEACH(14)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(14)
R016	Distribution coefficients for U-238				
R016	Contaminated zone (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCC(15)
R016	Unsaturated zone 1 (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCU(15,1)
R016	Saturated zone (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCS(15)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	1.614E-03	ALEACH(15)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(15)
R017	Inhalation rate (m**3/yr)	7.300E+03	8.400E+03	---	INHALR
R017	Mass loading for inhalation (g/m**3)	1.000E-04	1.000E-04	---	MLINH
R017	Exposure duration	3.000E+01	3.000E+01	---	ED
R017	Shielding factor, inhalation	4.000E-01	4.000E-01	---	SHF3
R017	Shielding factor, external gamma	8.000E-01	7.000E-01	---	SHF1
R017	Fraction of time spent indoors	5.000E-01	5.000E-01	---	FIND
R017	Fraction of time spent outdoors (on site)	2.500E-01	2.500E-01	---	FOTD
R017	Shape factor flag, external gamma	1.000E+00	1.000E+00	>0 shows circular AREA.	FS

Site-Specific Parameter Summary (continued)

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R017	Radii of shape factor array (used if FS = -1):				
R017	Outer annular radius (m), ring 1:	not used	5.000E+01	---	RAD_SHAPE(1)
R017	Outer annular radius (m), ring 2:	not used	7.071E+01	---	RAD_SHAPE(2)
R017	Outer annular radius (m), ring 3:	not used	0.000E+00	---	RAD_SHAPE(3)
R017	Outer annular radius (m), ring 4:	not used	0.000E+00	---	RAD_SHAPE(4)
R017	Outer annular radius (m), ring 5:	not used	0.000E+00	---	RAD_SHAPE(5)
R017	Outer annular radius (m), ring 6:	not used	0.000E+00	---	RAD_SHAPE(6)
R017	Outer annular radius (m), ring 7:	not used	0.000E+00	---	RAD_SHAPE(7)
R017	Outer annular radius (m), ring 8:	not used	0.000E+00	---	RAD_SHAPE(8)
R017	Outer annular radius (m), ring 9:	not used	0.000E+00	---	RAD_SHAPE(9)
R017	Outer annular radius (m), ring 10:	not used	0.000E+00	---	RAD_SHAPE(10)
R017	Outer annular radius (m), ring 11:	not used	0.000E+00	---	RAD_SHAPE(11)
R017	Outer annular radius (m), ring 12:	not used	0.000E+00	---	RAD_SHAPE(12)
R017	Fractions of annular areas within AREA:				
R017	Ring 1	not used	1.000E+00	---	FRACA(1)
R017	Ring 2	not used	2.732E-01	---	FRACA(2)
R017	Ring 3	not used	0.000E+00	---	FRACA(3)
R017	Ring 4	not used	0.000E+00	---	FRACA(4)
R017	Ring 5	not used	0.000E+00	---	FRACA(5)
R017	Ring 6	not used	0.000E+00	---	FRACA(6)
R017	Ring 7	not used	0.000E+00	---	FRACA(7)
R017	Ring 8	not used	0.000E+00	---	FRACA(8)
R017	Ring 9	not used	0.000E+00	---	FRACA(9)
R017	Ring 10	not used	0.000E+00	---	FRACA(10)
R017	Ring 11	not used	0.000E+00	---	FRACA(11)
R017	Ring 12	not used	0.000E+00	---	FRACA(12)
R018	Fruits, vegetables and grain consumption (kg/yr)	not used	1.600E+02	---	DIET(1)
R018	Leafy vegetable consumption (kg/yr)	not used	1.400E+01	---	DIET(2)
R018	Milk consumption (L/yr)	not used	9.200E+01	---	DIET(3)
R018	Meat and poultry consumption (kg/yr)	not used	6.300E+01	---	DIET(4)
R018	Fish consumption (kg/yr)	not used	5.400E+00	---	DIET(5)
R018	Other seafood consumption (kg/yr)	not used	9.000E-01	---	DIET(6)
R018	Soil ingestion rate (g/yr)	4.380E+01	3.650E+01	---	SOIL
R018	Drinking water intake (L/yr)	7.000E+02	5.100E+02	---	DWI
R018	Contamination fraction of drinking water	1.000E+00	1.000E+00	---	FDW
R018	Contamination fraction of household water	not used	1.000E+00	---	FHHW
R018	Contamination fraction of livestock water	not used	1.000E+00	---	FLW
R018	Contamination fraction of irrigation water	not used	1.000E+00	---	FIRW
R018	Contamination fraction of aquatic food	not used	5.000E-01	---	FR9
R018	Contamination fraction of plant food	not used	-1	---	FPLANT
R018	Contamination fraction of meat	not used	-1	---	FMEAT
R018	Contamination fraction of milk	not used	-1	---	FMILK
R019	Livestock fodder intake for meat (kg/day)	not used	6.800E+01	---	LFI5
R019	Livestock fodder intake for milk (kg/day)	not used	5.500E+01	---	LFI6
R019	Livestock water intake for meat (L/day)	not used	5.000E+01	---	LWI5
R019	Livestock water intake for milk (L/day)	not used	1.600E+02	---	LWI6
R019	Livestock soil intake (kg/day)	not used	5.000E-01	---	LSI

Site-Specific Parameter Summary (continued)

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R019	Mass loading for foliar deposition (g/m**3)	not used	1.000E-04	---	MLFD
R019	Depth of soil mixing layer (m)	1.500E-01	1.500E-01	---	DM
R019	Depth of roots (m)	not used	9.000E-01	---	DROOT
R019	Drinking water fraction from ground water	1.000E+00	1.000E+00	---	FGWDW
R019	Household water fraction from ground water	not used	1.000E+00	---	FGWHH
R019	Livestock water fraction from ground water	not used	1.000E+00	---	FGWLW
R019	Irrigation fraction from ground water	not used	1.000E+00	---	FGWIR
R19B	Wet weight crop yield for Non-Leafy (kg/m**2)	not used	7.000E-01	---	YV(1)
R19B	Wet weight crop yield for Leafy (kg/m**2)	not used	1.500E+00	---	YV(2)
R19B	Wet weight crop yield for Fodder (kg/m**2)	not used	1.100E+00	---	YV(3)
R19B	Growing Season for Non-Leafy (years)	not used	1.700E-01	---	TE(1)
R19B	Growing Season for Leafy (years)	not used	2.500E-01	---	TE(2)
R19B	Growing Season for Fodder (years)	not used	8.000E-02	---	TE(3)
R19B	Translocation Factor for Non-Leafy	not used	1.000E-01	---	TIV(1)
R19B	Translocation Factor for Leafy	not used	1.000E+00	---	TIV(2)
R19B	Translocation Factor for Fodder	not used	1.000E+00	---	TIV(3)
R19B	Dry Foliar Interception Fraction for Non-Leafy	not used	2.500E-01	---	RDRY(1)
R19B	Dry Foliar Interception Fraction for Leafy	not used	2.500E-01	---	RDRY(2)
R19B	Dry Foliar Interception Fraction for Fodder	not used	2.500E-01	---	RDRY(3)
R19B	Wet Foliar Interception Fraction for Non-Leafy	not used	2.500E-01	---	RWET(1)
R19B	Wet Foliar Interception Fraction for Leafy	not used	2.500E-01	---	RWET(2)
R19B	Wet Foliar Interception Fraction for Fodder	not used	2.500E-01	---	RWET(3)
R19B	Weathering Removal Constant for Vegetation	not used	2.000E+01	---	WLAM
C14	C-12 concentration in water (g/cm**3)	2.000E-05	2.000E-05	---	C12WTR
C14	C-12 concentration in contaminated soil (g/g)	3.000E-02	3.000E-02	---	C12CZ
C14	Fraction of vegetation carbon from soil	2.000E-02	2.000E-02	---	CSOIL
C14	Fraction of vegetation carbon from air	9.800E-01	9.800E-01	---	CAIR
C14	C-14 evasion layer thickness in soil (m)	3.000E-01	3.000E-01	---	DMC
C14	C-14 evasion flux rate from soil (1/sec)	7.000E-07	7.000E-07	---	EVSN
C14	C-12 evasion flux rate from soil (1/sec)	1.000E-10	1.000E-10	---	REVSN
C14	Fraction of grain in beef cattle feed	8.000E-01	8.000E-01	---	AVFG4
C14	Fraction of grain in milk cow feed	2.000E-01	2.000E-01	---	AVFG5
STOR	Storage times of contaminated foodstuffs (days):				
STOR	Fruits, non-leafy vegetables, and grain	1.400E+01	1.400E+01	---	STOR_T(1)
STOR	Leafy vegetables	1.000E+00	1.000E+00	---	STOR_T(2)
STOR	Milk	1.000E+00	1.000E+00	---	STOR_T(3)
STOR	Meat and poultry	2.000E+01	2.000E+01	---	STOR_T(4)
STOR	Fish	7.000E+00	7.000E+00	---	STOR_T(5)
STOR	Crustacea and mollusks	7.000E+00	7.000E+00	---	STOR_T(6)
STOR	Well water	1.000E+00	1.000E+00	---	STOR_T(7)
STOR	Surface water	1.000E+00	1.000E+00	---	STOR_T(8)
STOR	Livestock fodder	4.500E+01	4.500E+01	---	STOR_T(9)
R021	Thickness of building foundation (m)	not used	1.500E-01	---	FLOOR1
R021	Bulk density of building foundation (g/cm**3)	not used	2.400E+00	---	DENSFL
R021	Total porosity of the cover material	not used	4.000E-01	---	TPCV
R021	Total porosity of the building foundation	not used	1.000E-01	---	TPFL

Summary : IV/FSS_SU 7A_Sys_Ind_Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\IR_FSS_SU 7A_SYSTEMATIC_INDUSTRIAL_BKGD SUBTRACT.RAD

Site-Specific Parameter Summary (continued)

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R021	Volumetric water content of the cover material	not used	5.000E-02	---	PH2OCV
R021	Volumetric water content of the foundation	not used	3.000E-02	---	PH2OFL
R021	Diffusion coefficient for radon gas (m/sec):				
R021	in cover material	not used	2.000E-06	---	DIFCV
R021	in foundation material	not used	3.000E-07	---	DIFFL
R021	in contaminated zone soil	not used	2.000E-06	---	DIFCZ
R021	Radon vertical dimension of mixing (m)	not used	2.000E+00	---	HMIX
R021	Average building air exchange rate (1/hr)	not used	5.000E-01	---	REXG
R021	Height of the building (room) (m)	not used	2.500E+00	---	HRM
R021	Building interior area factor	not used	0.000E+00	---	FAI
R021	Building depth below ground surface (m)	not used	-1.000E+00	---	DMFL
R021	Emanating power of Rn-222 gas	not used	2.500E-01	---	EMANA(1)
R021	Emanating power of Rn-220 gas	not used	1.500E-01	---	EMANA(2)
TITL	Number of graphical time points	32	---	---	NPTS
TITL	Maximum number of integration points for dose	17	---	---	LYMAX
TITL	Maximum number of integration points for risk	257	---	---	KYMAX

Summary of Pathway Selections

Pathway	User Selection
1 -- external gamma	active
2 -- inhalation (w/o radon)	active
3 -- plant ingestion	suppressed
4 -- meat ingestion	suppressed
5 -- milk ingestion	suppressed
6 -- aquatic foods	suppressed
7 -- drinking water	active
8 -- soil ingestion	active
9 -- radon	suppressed
Find peak pathway doses	suppressed

Summary : IV/FSS_SU 7A_Sys_Ind_Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\IR_FSS_SU 7A_SYSTEMATIC_INDUSTRIAL_BKGD SUBTRACT.RAD

Contaminated Zone Dimensions		Initial Soil Concentrations, pCi/g	
Area:	146.00 square meters	C-14	9.900E-01
Thickness:	5.00 meters	Co-60	1.500E-02
Cover Depth:	0.00 meters	Cs-137	2.070E-03
		Eu-152	9.240E-02
		Eu-154	4.770E-02
		Gd-152	9.240E-02
		H-3	8.208E+01
		Ni-63	5.400E-01
		Pb-210	2.200E-01
		Ra-226	2.200E-01
		Sr-90	1.470E-01
		Th-230	2.730E-02
		U-234	2.730E-02
		U-238	2.730E-02

Total Dose TDOSE(t), mrem/yr
Basic Radiation Dose Limit = 2.500E+01 mrem/yr
Total Mixture Sum M(t) = Fraction of Basic Dose Limit Received at Time (t)

t (years):	0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
TDOSE(t):	2.056E+00	1.950E+00	1.781E+00	1.661E+00	1.311E+00	1.189E+00	6.504E-01	3.190E-01
M(t):	8.223E-02	7.801E-02	7.125E-02	6.645E-02	5.246E-02	4.756E-02	2.602E-02	1.276E-02

Maximum TDOSE(t): 2.056E+00 mrem/yr at t = 0.000E+00 years

Summary : IV/FSS_SU 7A_Sys_Ind_Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\IR_FSS_SU 7A_SYSTEMATIC_INDUSTRIAL_BKGD SUBTRACT.RAD

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 0.000E+00 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
C-14	3.316E-06	0.0000	9.692E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.462E-06	0.0000
Co-60	1.203E-01	0.0585	4.092E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.813E-06	0.0000
Cs-137	3.676E-03	0.0018	8.677E-10	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.907E-07	0.0000
Eu-152	3.349E-01	0.1629	2.645E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.798E-06	0.0000
Eu-154	1.863E-01	0.0906	1.744E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.101E-06	0.0000
Gd-152	0.000E+00	0.0000	2.985E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.135E-05	0.0000
H-3	0.000E+00	0.0000	1.596E-03	0.0008	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.532E-05	0.0000
Ni-63	0.000E+00	0.0000	4.499E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.489E-06	0.0000
Pb-210	7.210E-04	0.0004	6.677E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.557E-03	0.0037
Ra-226	1.301E+00	0.6329	2.616E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.511E-03	0.0007
Sr-90	1.885E-03	0.0009	2.522E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.063E-04	0.0001
Th-230	5.328E-05	0.0000	1.183E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.179E-05	0.0000
U-234	6.166E-06	0.0000	4.787E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.702E-05	0.0000
U-238	2.206E-03	0.0011	4.280E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.515E-05	0.0000
Total	1.951E+00	0.9491	2.209E-03	0.0011	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.417E-03	0.0046

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 0.000E+00 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
C-14	2.064E-02	0.0100	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.066E-02	0.0100
Co-60	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.203E-01	0.0585
Cs-137	1.747E-10	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.677E-03	0.0018
Eu-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.349E-01	0.1629
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.863E-01	0.0906
Gd-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.698E-04	0.0002
H-3	6.984E-02	0.0340	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.146E-02	0.0348
Ni-63	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.534E-06	0.0000
Pb-210	1.378E-03	0.0007	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.723E-03	0.0047
Ra-226	5.913E-04	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.303E+00	0.6340
Sr-90	4.644E-04	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.459E-03	0.0012
Th-230	9.121E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.434E-04	0.0001
U-234	3.004E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.211E-04	0.0001
U-238	2.853E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.312E-03	0.0011
Total	9.298E-02	0.0452	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.056E+00	1.0000

*Sum of all water independent and dependent pathways.

Summary : IV/FSS_SU 7A_Sys_Ind_Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\IR_FSS_SU 7A_SYSTEMATIC_INDUSTRIAL_BKGD SUBTRACT.RAD

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+00 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
C-14	5.022E-07	0.0000	1.468E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.757E-07	0.0000
Co-60	1.055E-01	0.0541	3.587E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.590E-06	0.0000
Cs-137	3.592E-03	0.0018	8.477E-10	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.794E-07	0.0000
Eu-152	3.179E-01	0.1630	2.511E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.656E-06	0.0000
Eu-154	1.721E-01	0.0883	1.612E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.942E-06	0.0000
Gd-152	0.000E+00	0.0000	2.984E-04	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.134E-05	0.0000
H-3	0.000E+00	0.0000	5.345E-04	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.131E-06	0.0000
Ni-63	0.000E+00	0.0000	4.466E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.478E-06	0.0000
Pb-210	6.984E-04	0.0004	6.467E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.319E-03	0.0038
Ra-226	1.299E+00	0.6662	2.816E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.739E-03	0.0009
Sr-90	1.834E-03	0.0009	2.454E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.034E-04	0.0001
Th-230	1.232E-04	0.0001	1.183E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.188E-05	0.0000
U-234	6.157E-06	0.0000	4.779E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.697E-05	0.0000
U-238	2.202E-03	0.0011	4.273E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.510E-05	0.0000
Total	1.903E+00	0.9759	1.139E-03	0.0006	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.391E-03	0.0048

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+00 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
C-14	3.522E-03	0.0018	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.525E-03	0.0018
Co-60	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.055E-01	0.0541
Cs-137	5.207E-10	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.592E-03	0.0018
Eu-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.179E-01	0.1630
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.721E-01	0.0883
Gd-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.698E-04	0.0002
H-3	2.554E-02	0.0131	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.608E-02	0.0134
Ni-63	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.523E-06	0.0000
Pb-210	4.035E-03	0.0021	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.212E-02	0.0062
Ra-226	1.921E-03	0.0010	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.303E+00	0.6681
Sr-90	1.366E-03	0.0007	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.306E-03	0.0017
Th-230	6.766E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.134E-04	0.0002
U-234	9.035E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.813E-04	0.0001
U-238	8.579E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.366E-03	0.0012
Total	3.656E-02	0.0187	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.950E+00	1.0000

*Sum of all water independent and dependent pathways.

Summary : IV/FSS_SU 7A_Sys_Ind_Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\IR_FSS_SU 7A_SYSTEMATIC_INDUSTRIAL_BKGD SUBTRACT.RAD

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+00 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
C-14	2.627E-10	0.0000	7.679E-10	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.535E-10	0.0000
Co-60	6.233E-02	0.0350	2.119E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.392E-07	0.0000
Cs-137	3.273E-03	0.0018	7.724E-10	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.368E-07	0.0000
Eu-152	2.581E-01	0.1449	2.039E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.156E-06	0.0000
Eu-154	1.256E-01	0.0705	1.176E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.416E-06	0.0000
Gd-152	0.000E+00	0.0000	2.983E-04	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.131E-05	0.0000
H-3	0.000E+00	0.0000	6.715E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.446E-08	0.0000
Ni-63	0.000E+00	0.0000	4.338E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.436E-06	0.0000
Pb-210	6.148E-04	0.0003	5.693E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.443E-03	0.0036
Ra-226	1.291E+00	0.7248	3.550E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.580E-03	0.0014
Sr-90	1.643E-03	0.0009	2.199E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.263E-05	0.0001
Th-230	4.016E-04	0.0002	1.183E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.234E-05	0.0000
U-234	6.127E-06	0.0000	4.749E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.673E-05	0.0000
U-238	2.188E-03	0.0012	4.246E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.487E-05	0.0000
Total	1.745E+00	0.9798	6.083E-04	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.337E-03	0.0052

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+00 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
C-14	1.845E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.846E-06	0.0000
Co-60	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.233E-02	0.0350
Cs-137	1.805E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.273E-03	0.0018
Eu-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.581E-01	0.1449
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.256E-01	0.0705
Gd-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.696E-04	0.0002
H-3	3.209E-04	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.277E-04	0.0002
Ni-63	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.479E-06	0.0000
Pb-210	1.308E-02	0.0073	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.019E-02	0.0113
Ra-226	9.203E-03	0.0052	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.303E+00	0.7314
Sr-90	2.866E-03	0.0016	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.604E-03	0.0026
Th-230	1.080E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.934E-04	0.0003
U-234	3.307E-04	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.210E-04	0.0002
U-238	3.140E-04	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.579E-03	0.0014
Total	2.612E-02	0.0147	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.781E+00	1.0000

*Sum of all water independent and dependent pathways.

Summary : IV/FSS_SU 7A_Sys_Ind_Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\IR_FSS_SU 7A_SYSTEMATIC_INDUSTRIAL_BKGD SUBTRACT.RAD

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+01 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
C-14	2.054E-14	0.0000	6.003E-14	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.764E-14	0.0000
Co-60	3.228E-02	0.0194	1.098E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.864E-07	0.0000
Cs-137	2.914E-03	0.0018	6.876E-10	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.888E-07	0.0000
Eu-152	1.989E-01	0.1197	1.571E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.662E-06	0.0000
Eu-154	8.465E-02	0.0510	7.925E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.548E-07	0.0000
Gd-152	0.000E+00	0.0000	2.982E-04	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.128E-05	0.0000
H-3	0.000E+00	0.0000	2.812E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.699E-10	0.0000
Ni-63	0.000E+00	0.0000	4.182E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.384E-06	0.0000
Pb-210	5.242E-04	0.0003	4.854E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.493E-03	0.0033
Ra-226	1.281E+00	0.7710	4.337E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.481E-03	0.0021
Sr-90	1.433E-03	0.0009	1.917E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.075E-05	0.0000
Th-230	7.473E-04	0.0004	1.183E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.316E-05	0.0000
U-234	6.103E-06	0.0000	4.711E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.644E-05	0.0000
U-238	2.170E-03	0.0013	4.212E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.459E-05	0.0000
Total	1.605E+00	0.9658	5.999E-04	0.0004	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.275E-03	0.0056

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+01 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
C-14	1.444E-10	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.446E-10	0.0000
Co-60	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.228E-02	0.0194
Cs-137	3.085E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.914E-03	0.0018
Eu-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.989E-01	0.1197
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.465E-02	0.0510
Gd-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.695E-04	0.0002
H-3	1.344E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.373E-06	0.0000
Ni-63	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.426E-06	0.0000
Pb-210	2.134E-02	0.0128	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.741E-02	0.0165
Ra-226	2.209E-02	0.0133	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.307E+00	0.7864
Sr-90	2.498E-03	0.0015	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.013E-03	0.0024
Th-230	4.753E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.435E-04	0.0006
U-234	4.979E-04	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.875E-04	0.0004
U-238	4.728E-04	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.720E-03	0.0016
Total	4.690E-02	0.0282	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.661E+00	1.0000

*Sum of all water independent and dependent pathways.

Summary : IV/FSS_SU 7A_Sys_Ind_Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\IR_FSS_SU 7A_SYSTEMATIC_INDUSTRIAL_BKGD SUBTRACT.RAD

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+01 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
C-14	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Co-60	1.672E-04	0.0001	5.684E-11	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.519E-09	0.0000
Cs-137	1.149E-03	0.0009	2.712E-10	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.534E-07	0.0000
Eu-152	2.475E-02	0.0189	1.955E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.068E-07	0.0000
Eu-154	3.611E-03	0.0028	3.381E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.073E-08	0.0000
Gd-152	0.000E+00	0.0000	2.970E-04	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.100E-05	0.0001
H-3	0.000E+00	0.0000	2.234E-27	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Ni-63	0.000E+00	0.0000	3.123E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.034E-06	0.0000
Pb-210	1.464E-04	0.0001	1.355E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.534E-03	0.0012
Ra-226	1.202E+00	0.9169	7.352E-05	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.981E-03	0.0053
Sr-90	4.777E-04	0.0004	6.390E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.692E-05	0.0000
Th-230	3.416E-03	0.0026	1.184E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.527E-05	0.0001
U-234	6.457E-06	0.0000	4.420E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.418E-05	0.0000
U-238	2.035E-03	0.0016	3.949E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.243E-05	0.0000
Total	1.238E+00	0.9442	5.869E-04	0.0004	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.767E-03	0.0067

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+01 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
C-14	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Co-60	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.672E-04	0.0001
Cs-137	5.914E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.149E-03	0.0009
Eu-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.475E-02	0.0189
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.611E-03	0.0028
Gd-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.680E-04	0.0003
H-3	1.070E-25	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.093E-25	0.0000
Ni-63	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.065E-06	0.0000
Pb-210	1.050E-02	0.0080	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.219E-02	0.0093
Ra-226	5.147E-02	0.0393	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.261E+00	0.9616
Sr-90	8.312E-04	0.0006	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.336E-03	0.0010
Th-230	8.738E-05	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.707E-03	0.0028
U-234	4.660E-04	0.0004	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.509E-04	0.0004
U-238	4.426E-04	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.549E-03	0.0019
Total	6.380E-02	0.0487	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.311E+00	1.0000

*Sum of all water independent and dependent pathways.

Summary : IV/FSS_SU 7A_Sys_Ind_Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\IR_FSS_SU 7A_SYSTEMATIC_INDUSTRIAL_BKGD SUBTRACT.RAD

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+02 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
C-14	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Co-60	2.322E-07	0.0000	7.895E-14	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.499E-12	0.0000
Cs-137	3.592E-04	0.0003	8.478E-11	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.794E-08	0.0000
Eu-152	1.829E-03	0.0015	1.445E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.529E-08	0.0000
Eu-154	7.000E-05	0.0001	6.553E-11	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.895E-10	0.0000
Gd-152	0.000E+00	0.0000	2.956E-04	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.065E-05	0.0001
H-3	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Ni-63	0.000E+00	0.0000	2.168E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.174E-07	0.0000
Pb-210	2.971E-05	0.0000	2.751E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.114E-04	0.0003
Ra-226	1.111E+00	0.9343	7.793E-05	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.583E-03	0.0064
Sr-90	1.210E-04	0.0001	1.619E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.822E-06	0.0000
Th-230	6.520E-03	0.0055	1.185E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.052E-04	0.0001
U-234	8.121E-06	0.0000	4.082E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.157E-05	0.0000
U-238	1.877E-03	0.0016	3.643E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.992E-05	0.0000
Total	1.122E+00	0.9434	5.722E-04	0.0005	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.139E-03	0.0068

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+02 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
C-14	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Co-60	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.322E-07	0.0000
Cs-137	3.708E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.593E-04	0.0003
Eu-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.829E-03	0.0015
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.000E-05	0.0001
Gd-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.662E-04	0.0003
H-3	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Ni-63	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.391E-07	0.0000
Pb-210	2.129E-03	0.0018	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.473E-03	0.0021
Ra-226	5.524E-02	0.0465	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.174E+00	0.9872
Sr-90	2.101E-04	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.381E-04	0.0003
Th-230	2.208E-04	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.965E-03	0.0059
U-234	4.291E-04	0.0004	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.096E-04	0.0004
U-238	4.075E-04	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.351E-03	0.0020
Total	5.863E-02	0.0493	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.189E+00	1.0000

*Sum of all water independent and dependent pathways.

Summary : IV/FSS_SU 7A_Sys_Ind_Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\IR_FSS_SU 7A_SYSTEMATIC_INDUSTRIAL_BKGD SUBTRACT.RAD

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+02 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
C-14	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Co-60	3.218E-30	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Cs-137	3.274E-08	0.0000	7.728E-15	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.370E-12	0.0000
Eu-152	1.630E-12	0.0000	1.108E-17	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.596E-17	0.0000
Eu-154	1.396E-18	0.0000	1.307E-24	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.574E-23	0.0000
Gd-152	0.000E+00	0.0000	2.842E-04	0.0004	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.793E-05	0.0001
H-3	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Ni-63	0.000E+00	0.0000	1.169E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.868E-08	0.0000
Pb-210	8.569E-11	0.0000	7.935E-12	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.980E-10	0.0000
Ra-226	5.888E-01	0.9053	4.280E-05	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.188E-03	0.0064
Sr-90	2.056E-09	0.0000	2.750E-12	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.159E-10	0.0000
Th-230	2.414E-02	0.0371	1.193E-04	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.298E-04	0.0004
U-234	4.985E-05	0.0001	2.169E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.701E-05	0.0000
U-238	9.841E-04	0.0015	1.913E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.571E-05	0.0000
Total	6.140E-01	0.9440	4.871E-04	0.0007	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.519E-03	0.0069

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+02 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
C-14	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Co-60	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.218E-30	0.0000
Cs-137	1.784E-12	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.275E-08	0.0000
Eu-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.630E-12	0.0000
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.396E-18	0.0000
Gd-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.521E-04	0.0005
H-3	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Ni-63	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.984E-08	0.0000
Pb-210	6.074E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.066E-09	0.0000
Ra-226	3.000E-02	0.0461	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.230E-01	0.9579
Sr-90	3.486E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.660E-09	0.0000
Th-230	9.727E-04	0.0015	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.546E-02	0.0391
U-234	2.226E-04	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.112E-04	0.0005
U-238	2.100E-04	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.229E-03	0.0019
Total	3.140E-02	0.0483	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.504E-01	1.0000

*Sum of all water independent and dependent pathways.

Summary : IV/FSS_SU 7A_Sys_Ind_Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\IR_FSS_SU 7A_SYSTEMATIC_INDUSTRIAL_BKGD SUBTRACT.RAD

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+03 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
C-14	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Co-60	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Cs-137	2.916E-13	0.0000	6.882E-20	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.892E-17	0.0000
Eu-152	7.932E-24	0.0000	9.324E-18	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.229E-18	0.0000
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Gd-152	0.000E+00	0.0000	2.706E-04	0.0008	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.468E-05	0.0002
H-3	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Ni-63	0.000E+00	0.0000	3.035E-11	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.005E-09	0.0000
Pb-210	1.018E-17	0.0000	9.429E-19	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.067E-16	0.0000
Ra-226	2.663E-01	0.8348	1.936E-05	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.894E-03	0.0059
Sr-90	2.242E-15	0.0000	2.999E-18	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.263E-16	0.0000
Th-230	3.491E-02	0.1094	1.195E-04	0.0004	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.061E-04	0.0010
U-234	1.177E-04	0.0004	1.003E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.438E-06	0.0000
U-238	4.392E-04	0.0014	8.549E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.020E-06	0.0000
Total	3.017E-01	0.9460	4.280E-04	0.0013	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.280E-03	0.0071

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+03 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
C-14	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Co-60	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Cs-137	3.414E-17	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.917E-13	0.0000
Eu-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.155E-17	0.0000
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Gd-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.353E-04	0.0011
H-3	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Ni-63	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.035E-09	0.0000
Pb-210	7.071E-16	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.249E-16	0.0000
Ra-226	1.305E-02	0.0409	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.812E-01	0.8817
Sr-90	3.653E-15	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.024E-15	0.0000
Th-230	1.288E-03	0.0040	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.662E-02	0.1148
U-234	1.005E-04	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.367E-04	0.0007
U-238	9.082E-05	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.456E-04	0.0017
Total	1.453E-02	0.0455	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.190E-01	1.0000

*Sum of all water independent and dependent pathways.

Summary : IV/FSS_SU 7A_Sys_Ind_Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\IR_FSS_SU 7A_SYSTEMATIC_INDUSTRIAL_BKGD SUBTRACT.RAD

Dose/Source Ratios Summed Over All Pathways
Parent and Progeny Principal Radionuclide Contributions Indicated

Parent (i)	Product (j)	Thread Fraction	DSR(j,t) At Time in Years (mrem/yr)/(pCi/g) 0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
C-14	C-14	1.000E+00	2.087E-02	3.560E-03	1.865E-06	1.460E-10	1.275E-43	0.000E+00	0.000E+00	0.000E+00
Co-60	Co-60	1.000E+00	8.023E+00	7.034E+00	4.155E+00	2.152E+00	1.114E-02	1.548E-05	2.145E-28	0.000E+00
Cs-137+D	Cs-137+D	1.000E+00	1.776E+00	1.735E+00	1.581E+00	1.408E+00	5.552E-01	1.736E-01	1.582E-05	1.409E-10
Eu-152	Eu-152	7.208E-01	2.612E+00	2.480E+00	2.013E+00	1.552E+00	1.931E-01	1.427E-02	1.271E-11	6.187E-23
Eu-152	Eu-152	2.792E-01	1.012E+00	9.605E-01	7.798E-01	6.010E-01	7.479E-02	5.528E-03	4.925E-12	2.397E-23
Eu-152	Gd-152	2.792E-01	3.524E-18	1.033E-17	3.428E-17	5.796E-17	1.273E-16	1.358E-16	1.313E-16	1.250E-16
Eu-152	∑DSR(j)		1.012E+00	9.605E-01	7.798E-01	6.010E-01	7.479E-02	5.528E-03	4.925E-12	1.250E-16
Eu-154	Eu-154	1.000E+00	3.905E+00	3.609E+00	2.633E+00	1.775E+00	7.570E-02	1.468E-03	2.927E-17	2.193E-34
Gd-152	Gd-152	1.000E+00	4.002E-03	4.002E-03	4.000E-03	3.998E-03	3.983E-03	3.963E-03	3.811E-03	3.628E-03
H-3	H-3	1.000E+00	8.706E-04	3.177E-04	3.992E-06	1.672E-08	1.331E-27	0.000E+00	0.000E+00	0.000E+00
Ni-63	Ni-63	1.000E+00	2.841E-06	2.820E-06	2.739E-06	2.641E-06	1.972E-06	1.369E-06	7.379E-08	1.917E-09
Pb-210+D	Pb-210+D	1.000E+00	4.419E-02	5.508E-02	9.179E-02	1.246E-01	5.542E-02	1.124E-02	3.212E-08	3.750E-15
Ra-226+D	Ra-226+D	1.000E+00	5.923E+00	5.919E+00	5.902E+00	5.880E+00	5.526E+00	5.105E+00	2.705E+00	1.223E+00
Ra-226+D	Pb-210+D	1.000E+00	7.585E-04	2.900E-03	2.012E-02	5.830E-02	2.055E-01	2.305E-01	1.267E-01	5.531E-02
Ra-226+D	∑DSR(j)		5.924E+00	5.922E+00	5.922E+00	5.939E+00	5.732E+00	5.335E+00	2.832E+00	1.278E+00
Sr-90+D	Sr-90+D	1.000E+00	1.672E-02	2.249E-02	3.132E-02	2.730E-02	9.091E-03	2.300E-03	3.850E-08	4.098E-14
Th-230	Th-230	1.000E+00	7.632E-03	7.632E-03	7.632E-03	7.631E-03	7.628E-03	7.624E-03	7.593E-03	7.553E-03
Th-230	Ra-226+D	1.000E+00	1.283E-03	3.848E-03	1.409E-02	2.683E-02	1.255E-01	2.404E-01	8.914E-01	1.288E+00
Th-230	Pb-210+D	1.000E+00	1.024E-07	8.410E-07	1.795E-05	9.447E-05	2.611E-03	7.149E-03	3.361E-02	4.539E-02
Th-230	∑DSR(j)		8.915E-03	1.148E-02	2.174E-02	3.456E-02	1.358E-01	2.551E-01	9.326E-01	1.341E+00
U-234	U-234	1.000E+00	4.436E-03	6.640E-03	1.542E-02	2.152E-02	2.015E-02	1.855E-02	9.562E-03	4.145E-03
U-234	Th-230	1.000E+00	3.439E-08	1.031E-07	3.772E-07	7.177E-07	3.342E-06	6.392E-06	2.359E-05	3.396E-05
U-234	Ra-226+D	1.000E+00	3.895E-09	2.706E-08	3.499E-07	1.269E-06	2.819E-05	1.059E-04	1.742E-03	4.310E-03
U-234	Pb-210+D	1.000E+00	1.599E-10	4.486E-10	2.015E-09	5.093E-09	4.309E-07	2.622E-06	6.994E-05	1.804E-04
U-234	∑DSR(j)		4.436E-03	6.640E-03	1.542E-02	2.152E-02	2.018E-02	1.867E-02	1.140E-02	8.669E-03
U-238	U-238	5.400E-05	2.075E-07	3.147E-07	7.421E-07	1.039E-06	9.727E-07	8.958E-07	4.622E-07	2.006E-07
U-238+D	U-238+D	9.999E-01	8.469E-02	8.665E-02	9.448E-02	9.962E-02	9.337E-02	8.610E-02	4.500E-02	1.997E-02
U-238+D	U-234	9.999E-01	6.810E-09	2.874E-08	2.409E-07	6.405E-07	2.884E-06	5.286E-06	1.358E-05	1.177E-05
U-238+D	Th-230	9.999E-01	5.631E-14	3.020E-13	3.218E-12	1.135E-11	2.421E-10	8.981E-10	1.457E-08	3.589E-08
U-238+D	Ra-226+D	9.999E-01	4.964E-11	1.566E-10	5.616E-10	1.426E-09	1.361E-08	3.376E-08	8.587E-07	3.612E-06
U-238+D	Pb-210+D	9.999E-01	2.098E-10	6.567E-10	2.344E-09	5.766E-09	4.785E-08	9.257E-08	3.897E-07	6.623E-07
U-238+D	∑DSR(j)		8.469E-02	8.665E-02	9.448E-02	9.962E-02	9.337E-02	8.611E-02	4.502E-02	1.998E-02

The DSR includes contributions from associated (half-life ≤ 180 days) daughters.

Summary : IV/FSS_SU 7A_Sys_Ind_Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\IR_FSS_SU 7A_SYSTEMATIC_INDUSTRIAL_BKGD SUBTRACT.RAD

Single Radionuclide Soil Guidelines G(i,t) in pCi/g
Basic Radiation Dose Limit = 2.500E+01 mrem/yr

Nuclide (i)	t= 0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
C-14	1.198E+03	7.022E+03	1.341E+07	1.712E+11	*4.455E+12	*4.455E+12	*4.455E+12	*4.455E+12
Co-60	3.116E+00	3.554E+00	6.016E+00	1.162E+01	2.243E+03	1.615E+06	*1.132E+15	*1.132E+15
Cs-137	1.407E+01	1.441E+01	1.581E+01	1.776E+01	4.503E+01	1.440E+02	1.580E+06	1.774E+11
Eu-152	6.898E+00	7.267E+00	8.951E+00	1.161E+01	9.333E+01	1.263E+03	1.417E+12	*1.765E+14
Eu-154	6.402E+00	6.927E+00	9.496E+00	1.409E+01	3.302E+02	1.704E+04	*2.639E+14	*2.639E+14
Gd-152	*2.179E+01	*2.179E+01	*2.179E+01	*2.179E+01	*2.179E+01	*2.179E+01	*2.179E+01	*2.179E+01
H-3	2.872E+04	7.869E+04	6.262E+06	1.495E+09	*9.597E+15	*9.597E+15	*9.597E+15	*9.597E+15
Ni-63	8.801E+06	8.865E+06	9.128E+06	9.468E+06	1.268E+07	1.827E+07	3.388E+08	1.304E+10
Pb-210	5.657E+02	4.539E+02	2.724E+02	2.007E+02	4.511E+02	2.224E+03	7.784E+08	*7.634E+13
Ra-226	4.220E+00	4.222E+00	4.222E+00	4.210E+00	4.362E+00	4.686E+00	8.828E+00	1.956E+01
Sr-90	1.495E+03	1.112E+03	7.982E+02	9.158E+02	2.750E+03	1.087E+04	6.493E+08	*1.365E+14
Th-230	2.804E+03	2.178E+03	1.150E+03	7.234E+02	1.841E+02	9.799E+01	2.681E+01	1.864E+01
U-234	5.636E+03	3.765E+03	1.621E+03	1.162E+03	1.239E+03	1.339E+03	2.193E+03	2.884E+03
U-238	2.952E+02	2.885E+02	2.646E+02	2.509E+02	2.677E+02	2.903E+02	5.554E+02	1.251E+03

*At specific activity limit

Summed Dose/Source Ratios DSR(i,t) in (mrem/yr)/(pCi/g)
and Single Radionuclide Soil Guidelines G(i,t) in pCi/g
at tmin = time of minimum single radionuclide soil guideline
and at tmax = time of maximum total dose = 0.000E+00 years

Nuclide (i)	Initial (pCi/g)	tmin (years)	DSR(i,tmin)	G(i,tmin) (pCi/g)	DSR(i,tmax)	G(i,tmax) (pCi/g)
C-14	9.900E-01	0.000E+00	2.087E-02	1.198E+03	2.087E-02	1.198E+03
Co-60	1.500E-02	0.000E+00	8.023E+00	3.116E+00	8.023E+00	3.116E+00
Cs-137	2.070E-03	0.000E+00	1.776E+00	1.407E+01	1.776E+00	1.407E+01
Eu-152	9.240E-02	0.000E+00	3.624E+00	6.898E+00	3.624E+00	6.898E+00
Eu-154	4.770E-02	0.000E+00	3.905E+00	6.402E+00	3.905E+00	6.402E+00
Gd-152	9.240E-02	0.000E+00	4.002E-03	*2.179E+01	4.002E-03	*2.179E+01
H-3	8.208E+01	0.000E+00	8.706E-04	2.872E+04	8.706E-04	2.872E+04
Ni-63	5.400E-01	0.000E+00	2.841E-06	8.801E+06	2.841E-06	8.801E+06
Pb-210	2.200E-01	17.69 ± 0.04	1.534E-01	1.630E+02	4.419E-02	5.657E+02
Ra-226	2.200E-01	12.23 ± 0.02	5.948E+00	4.203E+00	5.924E+00	4.220E+00
Sr-90	1.470E-01	3.239 ± 0.006	3.274E-02	7.635E+02	1.672E-02	1.495E+03
Th-230	2.730E-02	1.000E+03	1.341E+00	1.864E+01	8.915E-03	2.804E+03
U-234	2.730E-02	8.32 ± 0.02	2.158E-02	1.158E+03	4.436E-03	5.636E+03
U-238	2.730E-02	8.26 ± 0.02	9.990E-02	2.502E+02	8.469E-02	2.952E+02

*At specific activity limit

Summary : IV/FSS_SU 7A_Sys_Ind_Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\IR_FSS_SU 7A_SYSTEMATIC_INDUSTRIAL_BKGD SUBTRACT.RAD

Individual Nuclide Dose Summed Over All Pathways
Parent Nuclide and Branch Fraction Indicated

Nuclide (j)	Parent (i)	THF(i)	DOSE(j,t), mrem/yr t= 0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
C-14	C-14	1.000E+00	2.066E-02	3.525E-03	1.846E-06	1.446E-10	0.000E+00	0.000E+00	0.000E+00	0.000E+00
Co-60	Co-60	1.000E+00	1.203E-01	1.055E-01	6.233E-02	3.228E-02	1.672E-04	2.322E-07	3.218E-30	0.000E+00
Cs-137	Cs-137	1.000E+00	3.677E-03	3.592E-03	3.273E-03	2.914E-03	1.149E-03	3.593E-04	3.275E-08	2.917E-13
Eu-152	Eu-152	7.208E-01	2.414E-01	2.291E-01	1.860E-01	1.434E-01	1.784E-02	1.319E-03	1.175E-12	5.717E-24
Eu-152	Eu-152	2.792E-01	9.349E-02	8.875E-02	7.205E-02	5.553E-02	6.911E-03	5.108E-04	4.550E-13	2.215E-24
Eu-152	∑DOSE(j)		3.349E-01	3.179E-01	2.581E-01	1.989E-01	2.475E-02	1.829E-03	1.630E-12	7.932E-24
Gd-152	Eu-152	2.792E-01	3.257E-19	9.548E-19	3.167E-18	5.356E-18	1.176E-17	1.255E-17	1.213E-17	1.155E-17
Gd-152	Gd-152	1.000E+00	3.698E-04	3.698E-04	3.696E-04	3.695E-04	3.680E-04	3.662E-04	3.521E-04	3.353E-04
Gd-152	∑DOSE(j)		3.698E-04	3.698E-04	3.696E-04	3.695E-04	3.680E-04	3.662E-04	3.521E-04	3.353E-04
Eu-154	Eu-154	1.000E+00	1.863E-01	1.721E-01	1.256E-01	8.465E-02	3.611E-03	7.000E-05	1.396E-18	0.000E+00
H-3	H-3	1.000E+00	7.146E-02	2.608E-02	3.277E-04	1.373E-06	1.093E-25	0.000E+00	0.000E+00	0.000E+00
Ni-63	Ni-63	1.000E+00	1.534E-06	1.523E-06	1.479E-06	1.426E-06	1.065E-06	7.391E-07	3.984E-08	1.035E-09
Pb-210	Pb-210	1.000E+00	9.723E-03	1.212E-02	2.019E-02	2.741E-02	1.219E-02	2.473E-03	7.066E-09	8.249E-16
Pb-210	Ra-226	1.000E+00	1.669E-04	6.381E-04	4.426E-03	1.283E-02	4.520E-02	5.072E-02	2.788E-02	1.217E-02
Pb-210	Th-230	1.000E+00	2.795E-09	2.296E-08	4.899E-07	2.579E-06	7.127E-05	1.952E-04	9.176E-04	1.239E-03
Pb-210	U-234	1.000E+00	4.365E-12	1.225E-11	5.501E-11	1.390E-10	1.176E-08	7.159E-08	1.909E-06	4.925E-06
Pb-210	U-238	9.999E-01	5.728E-12	1.793E-11	6.400E-11	1.574E-10	1.306E-09	2.527E-09	1.064E-08	1.808E-08
Pb-210	∑DOSE(j)		9.889E-03	1.276E-02	2.462E-02	4.024E-02	5.747E-02	5.339E-02	2.880E-02	1.341E-02
Ra-226	Ra-226	1.000E+00	1.303E+00	1.302E+00	1.298E+00	1.294E+00	1.216E+00	1.123E+00	5.951E-01	2.691E-01
Ra-226	Th-230	1.000E+00	3.503E-05	1.051E-04	3.845E-04	7.326E-04	3.427E-03	6.562E-03	2.433E-02	3.517E-02
Ra-226	U-234	1.000E+00	1.063E-10	7.388E-10	9.553E-09	3.464E-08	7.695E-07	2.891E-06	4.755E-05	1.177E-04
Ra-226	U-238	9.999E-01	1.355E-12	4.276E-12	1.533E-11	3.894E-11	3.717E-10	9.217E-10	2.344E-08	9.861E-08
Ra-226	∑DOSE(j)		1.303E+00	1.302E+00	1.299E+00	1.294E+00	1.219E+00	1.130E+00	6.195E-01	3.044E-01
Sr-90	Sr-90	1.000E+00	2.459E-03	3.306E-03	4.604E-03	4.013E-03	1.336E-03	3.381E-04	5.660E-09	6.024E-15
Th-230	Th-230	1.000E+00	2.084E-04	2.084E-04	2.083E-04	2.083E-04	2.082E-04	2.081E-04	2.073E-04	2.062E-04
Th-230	U-234	1.000E+00	9.388E-10	2.815E-09	1.030E-08	1.959E-08	9.125E-08	1.745E-07	6.439E-07	9.271E-07
Th-230	U-238	9.999E-01	1.537E-15	8.246E-15	8.785E-14	3.098E-13	6.609E-12	2.452E-11	3.978E-10	9.798E-10
Th-230	∑DOSE(j)		2.084E-04	2.084E-04	2.084E-04	2.084E-04	2.083E-04	2.083E-04	2.079E-04	2.071E-04
U-234	U-234	1.000E+00	1.211E-04	1.813E-04	4.210E-04	5.875E-04	5.500E-04	5.064E-04	2.611E-04	1.132E-04
U-234	U-238	9.999E-01	1.859E-10	7.847E-10	6.578E-09	1.748E-08	7.874E-08	1.443E-07	3.707E-07	3.214E-07
U-234	∑DOSE(j)		1.211E-04	1.813E-04	4.210E-04	5.875E-04	5.501E-04	5.066E-04	2.614E-04	1.135E-04
U-238	U-238	5.400E-05	5.664E-09	8.592E-09	2.026E-08	2.836E-08	2.655E-08	2.445E-08	1.262E-08	5.476E-09
U-238	U-238	9.999E-01	2.312E-03	2.366E-03	2.579E-03	2.720E-03	2.549E-03	2.351E-03	1.229E-03	5.451E-04
U-238	∑DOSE(j)		2.312E-03	2.366E-03	2.579E-03	2.720E-03	2.549E-03	2.351E-03	1.229E-03	5.452E-04

THF(i) is the thread fraction of the parent nuclide.

Summary : IV/FSS_SU 7A_Sys_Ind_Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\IR_FSS_SU 7A_SYSTEMATIC_INDUSTRIAL_BKGD SUBTRACT.RAD

Individual Nuclide Soil Concentration
Parent Nuclide and Branch Fraction Indicated

Nuclide (j)	Parent (i)	THF(i)	S(j,t), pCi/g t= 0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
C-14	C-14	1.000E+00	9.900E-01	1.500E-01	7.851E-05	6.144E-09	5.325E-42	0.000E+00	0.000E+00	0.000E+00
Co-60	Co-60	1.000E+00	1.500E-02	1.315E-02	7.769E-03	4.024E-03	2.084E-05	2.894E-08	4.011E-31	0.000E+00
Cs-137	Cs-137	1.000E+00	2.070E-03	2.022E-03	1.843E-03	1.640E-03	6.471E-04	2.023E-04	1.844E-08	1.642E-13
Eu-152	Eu-152	7.208E-01	6.660E-02	6.322E-02	5.133E-02	3.956E-02	4.923E-03	3.639E-04	3.241E-13	1.578E-24
Eu-152	Eu-152	2.792E-01	2.580E-02	2.449E-02	1.988E-02	1.532E-02	1.907E-03	1.409E-04	1.256E-13	6.111E-25
Eu-152	∑S(j):		9.240E-02	8.771E-02	7.121E-02	5.488E-02	6.830E-03	5.048E-04	4.497E-13	2.189E-24
Gd-152	Eu-152	2.792E-01	0.000E+00	1.613E-16	7.286E-16	1.290E-15	2.933E-15	3.136E-15	3.032E-15	2.887E-15
Gd-152	Gd-152	1.000E+00	9.240E-02	9.239E-02	9.235E-02	9.231E-02	9.195E-02	9.150E-02	8.798E-02	8.377E-02
Gd-152	∑S(j):		9.240E-02	9.239E-02	9.235E-02	9.231E-02	9.195E-02	9.150E-02	8.798E-02	8.377E-02
Eu-154	Eu-154	1.000E+00	4.770E-02	4.408E-02	3.216E-02	2.168E-02	9.247E-04	1.793E-05	3.575E-19	2.679E-36
H-3	H-3	1.000E+00	8.208E+01	2.749E+01	3.455E-01	1.447E-03	1.153E-22	0.000E+00	0.000E+00	0.000E+00
Ni-63	Ni-63	1.000E+00	5.400E-01	5.361E-01	5.206E-01	5.020E-01	3.748E-01	2.602E-01	1.403E-02	3.644E-04
Pb-210	Pb-210	1.000E+00	2.200E-01	2.131E-01	1.876E-01	1.599E-01	4.466E-02	9.066E-03	2.614E-08	3.107E-15
Pb-210	Ra-226	1.000E+00	0.000E+00	6.725E-03	3.148E-02	5.806E-02	1.626E-01	1.832E-01	1.021E-01	4.615E-02
Pb-210	Th-230	1.000E+00	0.000E+00	1.818E-07	4.349E-06	1.648E-05	2.799E-04	7.567E-04	3.796E-03	5.664E-03
Pb-210	U-234	1.000E+00	0.000E+00	5.467E-13	6.601E-11	5.061E-10	4.631E-08	2.664E-07	7.015E-06	1.849E-05
Pb-210	U-238	9.999E-01	0.000E+00	3.880E-19	2.356E-16	3.636E-15	1.742E-12	2.085E-11	2.918E-09	1.454E-08
Pb-210	∑S(j):		2.200E-01	2.198E-01	2.191E-01	2.180E-01	2.076E-01	1.931E-01	1.059E-01	5.184E-02
Ra-226	Ra-226	1.000E+00	2.200E-01	2.197E-01	2.183E-01	2.165E-01	2.032E-01	1.877E-01	9.949E-02	4.500E-02
Ra-226	Th-230	1.000E+00	0.000E+00	1.182E-05	5.890E-05	1.173E-04	5.683E-04	1.093E-03	4.070E-03	5.890E-03
Ra-226	U-234	1.000E+00	0.000E+00	5.318E-11	1.324E-09	5.267E-09	1.262E-07	4.786E-07	7.931E-06	1.965E-05
Ra-226	U-238	9.999E-01	0.000E+00	5.024E-17	6.250E-15	4.970E-14	5.920E-12	4.460E-11	3.482E-09	1.585E-08
Ra-226	∑S(j):		2.200E-01	2.197E-01	2.183E-01	2.167E-01	2.038E-01	1.888E-01	1.036E-01	5.091E-02
Sr-90	Sr-90	1.000E+00	1.470E-01	1.430E-01	1.281E-01	1.117E-01	3.725E-02	9.437E-03	1.603E-07	1.748E-13
Th-230	Th-230	1.000E+00	2.730E-02	2.730E-02	2.730E-02	2.730E-02	2.729E-02	2.727E-02	2.716E-02	2.702E-02
Th-230	U-234	1.000E+00	0.000E+00	2.456E-07	1.224E-06	2.438E-06	1.180E-05	2.268E-05	8.402E-05	1.210E-04
Th-230	U-238	9.999E-01	0.000E+00	3.480E-13	8.661E-12	3.446E-11	8.252E-10	3.129E-09	5.168E-08	1.276E-07
Th-230	∑S(j):		2.730E-02	2.730E-02	2.730E-02	2.730E-02	2.730E-02	2.729E-02	2.724E-02	2.714E-02
U-234	U-234	1.000E+00	2.730E-02	2.726E-02	2.708E-02	2.686E-02	2.518E-02	2.322E-02	1.216E-02	5.420E-03
U-234	U-238	9.999E-01	0.000E+00	7.727E-08	3.838E-07	7.615E-07	3.569E-06	6.585E-06	1.725E-05	1.539E-05
U-234	∑S(j):		2.730E-02	2.726E-02	2.708E-02	2.686E-02	2.518E-02	2.323E-02	1.218E-02	5.435E-03
U-238	U-238	5.400E-05	1.474E-06	1.472E-06	1.462E-06	1.451E-06	1.360E-06	1.254E-06	6.578E-07	2.935E-07
U-238	U-238	9.999E-01	2.730E-02	2.725E-02	2.708E-02	2.686E-02	2.518E-02	2.323E-02	1.218E-02	5.435E-03
U-238	∑S(j):		2.730E-02	2.726E-02	2.708E-02	2.686E-02	2.518E-02	2.323E-02	1.218E-02	5.435E-03

THF(i) is the thread fraction of the parent nuclide.

RESCALC.EXE execution time = 17.87 seconds

Summary : IV/FSS_SU 7A_Sys_Res_Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\IR_FSS_SU 7A_SYSTEMATIC_RESIDENTIAL_BKGD SUBTRACT.RAD

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Dose Conversion Factor (and Related) Parameter Summary
Dose Library: FGR 11

Menu	Parameter	Current Value#	Base Case*	Parameter Name
A-1	DCF's for external ground radiation, (mrem/yr)/(pCi/g)			
A-1	At-218 (Source: FGR 12)	5.847E-03	5.847E-03	DCF1(1)
A-1	Ba-137m (Source: FGR 12)	3.606E+00	3.606E+00	DCF1(2)
A-1	Bi-210 (Source: FGR 12)	3.606E-03	3.606E-03	DCF1(3)
A-1	Bi-214 (Source: FGR 12)	9.808E+00	9.808E+00	DCF1(4)
A-1	C-14 (Source: FGR 12)	1.345E-05	1.345E-05	DCF1(5)
A-1	Co-60 (Source: FGR 12)	1.622E+01	1.622E+01	DCF1(6)
A-1	Cs-137 (Source: FGR 12)	7.510E-04	7.510E-04	DCF1(7)
A-1	Eu-152 (Source: FGR 12)	7.006E+00	7.006E+00	DCF1(8)
A-1	Eu-154 (Source: FGR 12)	7.678E+00	7.678E+00	DCF1(9)
A-1	Gd-152 (Source: FGR 12)	0.000E+00	0.000E+00	DCF1(10)
A-1	H-3 (Source: FGR 12)	0.000E+00	0.000E+00	DCF1(11)
A-1	Ni-63 (Source: FGR 12)	0.000E+00	0.000E+00	DCF1(12)
A-1	Pa-234 (Source: FGR 12)	1.155E+01	1.155E+01	DCF1(13)
A-1	Pa-234m (Source: FGR 12)	8.967E-02	8.967E-02	DCF1(14)
A-1	Pb-210 (Source: FGR 12)	2.447E-03	2.447E-03	DCF1(15)
A-1	Pb-214 (Source: FGR 12)	1.341E+00	1.341E+00	DCF1(16)
A-1	Po-210 (Source: FGR 12)	5.231E-05	5.231E-05	DCF1(17)
A-1	Po-214 (Source: FGR 12)	5.138E-04	5.138E-04	DCF1(18)
A-1	Po-218 (Source: FGR 12)	5.642E-05	5.642E-05	DCF1(19)
A-1	Ra-226 (Source: FGR 12)	3.176E-02	3.176E-02	DCF1(20)
A-1	Rn-222 (Source: FGR 12)	2.354E-03	2.354E-03	DCF1(21)
A-1	Sr-90 (Source: FGR 12)	7.043E-04	7.043E-04	DCF1(22)
A-1	Th-230 (Source: FGR 12)	1.209E-03	1.209E-03	DCF1(23)
A-1	Th-234 (Source: FGR 12)	2.410E-02	2.410E-02	DCF1(24)
A-1	Tl-210 (Source: no data)	0.000E+00	-2.000E+00	DCF1(25)
A-1	U-234 (Source: FGR 12)	4.017E-04	4.017E-04	DCF1(26)
A-1	U-238 (Source: FGR 12)	1.031E-04	1.031E-04	DCF1(27)
A-1	Y-90 (Source: FGR 12)	2.391E-02	2.391E-02	DCF1(28)
B-1	Dose conversion factors for inhalation, mrem/pCi:			
B-1	C-14(p) (Class: ORGANIC)	2.090E-06	2.090E-06	DCF2(1)
B-1	C-14(g) (Class: CO2)	2.350E-08	2.350E-08	C14GInhDCF
B-1	Co-60	2.190E-04	2.190E-04	DCF2(2)
B-1	Cs-137+D	3.190E-05	3.190E-05	DCF2(3)
B-1	Eu-152	2.210E-04	2.210E-04	DCF2(4)
B-1	Eu-154	2.860E-04	2.860E-04	DCF2(6)
B-1	Gd-152	2.430E-01	2.430E-01	DCF2(7)
B-1	H-3	6.400E-08	6.400E-08	DCF2(8)
B-1	Ni-63	6.290E-06	6.290E-06	DCF2(9)
B-1	Pb-210+D	2.320E-02	1.360E-02	DCF2(10)
B-1	Ra-226+D	8.594E-03	8.580E-03	DCF2(11)
B-1	Sr-90+D	1.308E-03	1.300E-03	DCF2(12)
B-1	Th-230	3.260E-01	3.260E-01	DCF2(13)
B-1	U-234	1.320E-01	1.320E-01	DCF2(14)
B-1	U-238	1.180E-01	1.180E-01	DCF2(15)
B-1	U-238+D	1.180E-01	1.180E-01	DCF2(16)
D-1	Dose conversion factors for ingestion, mrem/pCi:			
D-1	C-14	2.090E-06	2.090E-06	DCF3(1)

Dose Conversion Factor (and Related) Parameter Summary (continued)
Dose Library: FGR 11

Menu	Parameter	Current Value#	Base Case*	Parameter Name
D-1	Co-60	2.690E-05	2.690E-05	DCF3(2)
D-1	Cs-137+D	5.000E-05	5.000E-05	DCF3(3)
D-1	Eu-152	6.480E-06	6.480E-06	DCF3(4)
D-1	Eu-154	9.550E-06	9.550E-06	DCF3(6)
D-1	Gd-152	1.610E-04	1.610E-04	DCF3(7)
D-1	H-3	6.400E-08	6.400E-08	DCF3(8)
D-1	Ni-63	5.770E-07	5.770E-07	DCF3(9)
D-1	Pb-210+D	7.276E-03	5.370E-03	DCF3(10)
D-1	Ra-226+D	1.321E-03	1.320E-03	DCF3(11)
D-1	Sr-90+D	1.528E-04	1.420E-04	DCF3(12)
D-1	Th-230	5.480E-04	5.480E-04	DCF3(13)
D-1	U-234	2.830E-04	2.830E-04	DCF3(14)
D-1	U-238	2.550E-04	2.550E-04	DCF3(15)
D-1	U-238+D	2.687E-04	2.550E-04	DCF3(16)
D-34	Food transfer factors:			
D-34	C-14 , plant/soil concentration ratio, dimensionless	5.500E+00	5.500E+00	RTF(1,1)
D-34	C-14 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	3.100E-02	3.100E-02	RTF(1,2)
D-34	C-14 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	1.200E-02	1.200E-02	RTF(1,3)
D-34				
D-34	Co-60 , plant/soil concentration ratio, dimensionless	8.000E-02	8.000E-02	RTF(2,1)
D-34	Co-60 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	2.000E-02	2.000E-02	RTF(2,2)
D-34	Co-60 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	2.000E-03	2.000E-03	RTF(2,3)
D-34				
D-34	Cs-137+D , plant/soil concentration ratio, dimensionless	4.000E-02	4.000E-02	RTF(3,1)
D-34	Cs-137+D , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	3.000E-02	3.000E-02	RTF(3,2)
D-34	Cs-137+D , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	8.000E-03	8.000E-03	RTF(3,3)
D-34				
D-34	Eu-152 , plant/soil concentration ratio, dimensionless	2.500E-03	2.500E-03	RTF(4,1)
D-34	Eu-152 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	2.000E-03	2.000E-03	RTF(4,2)
D-34	Eu-152 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	5.000E-05	5.000E-05	RTF(4,3)
D-34				
D-34	Eu-154 , plant/soil concentration ratio, dimensionless	2.500E-03	2.500E-03	RTF(6,1)
D-34	Eu-154 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	2.000E-03	2.000E-03	RTF(6,2)
D-34	Eu-154 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	5.000E-05	5.000E-05	RTF(6,3)
D-34				
D-34	Gd-152 , plant/soil concentration ratio, dimensionless	2.500E-03	2.500E-03	RTF(7,1)
D-34	Gd-152 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	2.000E-03	2.000E-03	RTF(7,2)
D-34	Gd-152 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	2.000E-05	2.000E-05	RTF(7,3)
D-34				
D-34	H-3 , plant/soil concentration ratio, dimensionless	4.800E+00	4.800E+00	RTF(8,1)
D-34	H-3 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	1.200E-02	1.200E-02	RTF(8,2)
D-34	H-3 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	1.000E-02	1.000E-02	RTF(8,3)
D-34				
D-34	Ni-63 , plant/soil concentration ratio, dimensionless	5.000E-02	5.000E-02	RTF(9,1)
D-34	Ni-63 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	5.000E-03	5.000E-03	RTF(9,2)
D-34	Ni-63 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	2.000E-02	2.000E-02	RTF(9,3)
D-34				

Dose Conversion Factor (and Related) Parameter Summary (continued)
Dose Library: FGR 11

Menu	Parameter	Current Value#	Base Case*	Parameter Name
D-34	Pb-210+D , plant/soil concentration ratio, dimensionless	1.000E-02	1.000E-02	RTF(10,1)
D-34	Pb-210+D , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	8.000E-04	8.000E-04	RTF(10,2)
D-34	Pb-210+D , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	3.000E-04	3.000E-04	RTF(10,3)
D-34				
D-34	Ra-226+D , plant/soil concentration ratio, dimensionless	4.000E-02	4.000E-02	RTF(11,1)
D-34	Ra-226+D , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	1.000E-03	1.000E-03	RTF(11,2)
D-34	Ra-226+D , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	1.000E-03	1.000E-03	RTF(11,3)
D-34				
D-34	Sr-90+D , plant/soil concentration ratio, dimensionless	3.000E-01	3.000E-01	RTF(12,1)
D-34	Sr-90+D , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	8.000E-03	8.000E-03	RTF(12,2)
D-34	Sr-90+D , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	2.000E-03	2.000E-03	RTF(12,3)
D-34				
D-34	Th-230 , plant/soil concentration ratio, dimensionless	1.000E-03	1.000E-03	RTF(13,1)
D-34	Th-230 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	1.000E-04	1.000E-04	RTF(13,2)
D-34	Th-230 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	5.000E-06	5.000E-06	RTF(13,3)
D-34				
D-34	U-234 , plant/soil concentration ratio, dimensionless	2.500E-03	2.500E-03	RTF(14,1)
D-34	U-234 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	3.400E-04	3.400E-04	RTF(14,2)
D-34	U-234 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	6.000E-04	6.000E-04	RTF(14,3)
D-34				
D-34	U-238 , plant/soil concentration ratio, dimensionless	2.500E-03	2.500E-03	RTF(15,1)
D-34	U-238 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	3.400E-04	3.400E-04	RTF(15,2)
D-34	U-238 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	6.000E-04	6.000E-04	RTF(15,3)
D-34				
D-34	U-238+D , plant/soil concentration ratio, dimensionless	2.500E-03	2.500E-03	RTF(16,1)
D-34	U-238+D , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	3.400E-04	3.400E-04	RTF(16,2)
D-34	U-238+D , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	6.000E-04	6.000E-04	RTF(16,3)
D-5	Bioaccumulation factors, fresh water, L/kg:			
D-5	C-14 , fish	5.000E+04	5.000E+04	BIOFAC(1,1)
D-5	C-14 , crustacea and mollusks	9.100E+03	9.100E+03	BIOFAC(1,2)
D-5				
D-5	Co-60 , fish	3.000E+02	3.000E+02	BIOFAC(2,1)
D-5	Co-60 , crustacea and mollusks	2.000E+02	2.000E+02	BIOFAC(2,2)
D-5				
D-5	Cs-137+D , fish	2.000E+03	2.000E+03	BIOFAC(3,1)
D-5	Cs-137+D , crustacea and mollusks	1.000E+02	1.000E+02	BIOFAC(3,2)
D-5				
D-5	Eu-152 , fish	5.000E+01	5.000E+01	BIOFAC(4,1)
D-5	Eu-152 , crustacea and mollusks	1.000E+03	1.000E+03	BIOFAC(4,2)
D-5				
D-5	Eu-154 , fish	5.000E+01	5.000E+01	BIOFAC(6,1)
D-5	Eu-154 , crustacea and mollusks	1.000E+03	1.000E+03	BIOFAC(6,2)
D-5				
D-5	Gd-152 , fish	2.500E+01	2.500E+01	BIOFAC(7,1)
D-5	Gd-152 , crustacea and mollusks	1.000E+03	1.000E+03	BIOFAC(7,2)
D-5				
D-5	H-3 , fish	1.000E+00	1.000E+00	BIOFAC(8,1)
D-5	H-3 , crustacea and mollusks	1.000E+00	1.000E+00	BIOFAC(8,2)
D-5				

Dose Conversion Factor (and Related) Parameter Summary (continued)
Dose Library: FGR 11

Menu	Parameter	Current Value#	Base Case*	Parameter Name
D-5	Ni-63 , fish	1.000E+02	1.000E+02	BIOFAC(9,1)
D-5	Ni-63 , crustacea and mollusks	1.000E+02	1.000E+02	BIOFAC(9,2)
D-5				
D-5	Pb-210+D , fish	3.000E+02	3.000E+02	BIOFAC(10,1)
D-5	Pb-210+D , crustacea and mollusks	1.000E+02	1.000E+02	BIOFAC(10,2)
D-5				
D-5	Ra-226+D , fish	5.000E+01	5.000E+01	BIOFAC(11,1)
D-5	Ra-226+D , crustacea and mollusks	2.500E+02	2.500E+02	BIOFAC(11,2)
D-5				
D-5	Sr-90+D , fish	6.000E+01	6.000E+01	BIOFAC(12,1)
D-5	Sr-90+D , crustacea and mollusks	1.000E+02	1.000E+02	BIOFAC(12,2)
D-5				
D-5	Th-230 , fish	1.000E+02	1.000E+02	BIOFAC(13,1)
D-5	Th-230 , crustacea and mollusks	5.000E+02	5.000E+02	BIOFAC(13,2)
D-5				
D-5	U-234 , fish	1.000E+01	1.000E+01	BIOFAC(14,1)
D-5	U-234 , crustacea and mollusks	6.000E+01	6.000E+01	BIOFAC(14,2)
D-5				
D-5	U-238 , fish	1.000E+01	1.000E+01	BIOFAC(15,1)
D-5	U-238 , crustacea and mollusks	6.000E+01	6.000E+01	BIOFAC(15,2)
D-5				
D-5	U-238+D , fish	1.000E+01	1.000E+01	BIOFAC(16,1)
D-5	U-238+D , crustacea and mollusks	6.000E+01	6.000E+01	BIOFAC(16,2)

#For DCF1(xxx) only, factors are for infinite depth & area. See ETFG table in Ground Pathway of Detailed Report.
*Base Case means Default.Lib w/o Associate Nuclide contributions.

Summary : IV/FSS_SU 7A_Sys_Res_Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\IR_FSS_SU 7A_SYSTEMATIC_RESIDENTIAL_BKGD SUBTRACT.RAD

Site-Specific Parameter Summary

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R011	Area of contaminated zone (m**2)	1.460E+02	1.000E+04	---	AREA
R011	Thickness of contaminated zone (m)	5.000E+00	2.000E+00	---	THICK0
R011	Fraction of contamination that is submerged	0.000E+00	0.000E+00	---	SUBMFRACT
R011	Length parallel to aquifer flow (m)	1.200E+01	1.000E+02	---	LCZPAQ
R011	Basic radiation dose limit (mrem/yr)	2.500E+01	3.000E+01	---	BRDL
R011	Time since placement of material (yr)	0.000E+00	0.000E+00	---	TI
R011	Times for calculations (yr)	1.000E+00	1.000E+00	---	T(2)
R011	Times for calculations (yr)	5.000E+00	3.000E+00	---	T(3)
R011	Times for calculations (yr)	1.000E+01	1.000E+01	---	T(4)
R011	Times for calculations (yr)	5.000E+01	3.000E+01	---	T(5)
R011	Times for calculations (yr)	1.000E+02	1.000E+02	---	T(6)
R011	Times for calculations (yr)	5.000E+02	3.000E+02	---	T(7)
R011	Times for calculations (yr)	1.000E+03	1.000E+03	---	T(8)
R011	Times for calculations (yr)	not used	0.000E+00	---	T(9)
R011	Times for calculations (yr)	not used	0.000E+00	---	T(10)
R012	Initial principal radionuclide (pCi/g): C-14	9.900E-01	0.000E+00	---	S1(1)
R012	Initial principal radionuclide (pCi/g): Co-60	1.500E-02	0.000E+00	---	S1(2)
R012	Initial principal radionuclide (pCi/g): Cs-137	2.070E-03	0.000E+00	---	S1(3)
R012	Initial principal radionuclide (pCi/g): Eu-152	9.240E-02	0.000E+00	---	S1(4)
R012	Initial principal radionuclide (pCi/g): Eu-154	4.770E-02	0.000E+00	---	S1(6)
R012	Initial principal radionuclide (pCi/g): Gd-152	9.240E-02	0.000E+00	---	S1(7)
R012	Initial principal radionuclide (pCi/g): H-3	8.208E+01	0.000E+00	---	S1(8)
R012	Initial principal radionuclide (pCi/g): Ni-63	5.400E-01	0.000E+00	---	S1(9)
R012	Initial principal radionuclide (pCi/g): Pb-210	2.200E-01	0.000E+00	---	S1(10)
R012	Initial principal radionuclide (pCi/g): Ra-226	2.200E-01	0.000E+00	---	S1(11)
R012	Initial principal radionuclide (pCi/g): Sr-90	1.470E-01	0.000E+00	---	S1(12)
R012	Initial principal radionuclide (pCi/g): Th-230	2.730E-02	0.000E+00	---	S1(13)
R012	Initial principal radionuclide (pCi/g): U-234	2.730E-02	0.000E+00	---	S1(14)
R012	Initial principal radionuclide (pCi/g): U-238	2.730E-02	0.000E+00	---	S1(15)
R012	Concentration in groundwater (pCi/L): C-14	not used	0.000E+00	---	W1(1)
R012	Concentration in groundwater (pCi/L): Co-60	not used	0.000E+00	---	W1(2)
R012	Concentration in groundwater (pCi/L): Cs-137	not used	0.000E+00	---	W1(3)
R012	Concentration in groundwater (pCi/L): Eu-152	not used	0.000E+00	---	W1(4)
R012	Concentration in groundwater (pCi/L): Eu-154	not used	0.000E+00	---	W1(6)
R012	Concentration in groundwater (pCi/L): Gd-152	not used	0.000E+00	---	W1(7)
R012	Concentration in groundwater (pCi/L): H-3	not used	0.000E+00	---	W1(8)
R012	Concentration in groundwater (pCi/L): Ni-63	not used	0.000E+00	---	W1(9)
R012	Concentration in groundwater (pCi/L): Pb-210	not used	0.000E+00	---	W1(10)
R012	Concentration in groundwater (pCi/L): Ra-226	not used	0.000E+00	---	W1(11)
R012	Concentration in groundwater (pCi/L): Sr-90	not used	0.000E+00	---	W1(12)
R012	Concentration in groundwater (pCi/L): Th-230	not used	0.000E+00	---	W1(13)
R012	Concentration in groundwater (pCi/L): U-234	not used	0.000E+00	---	W1(14)
R012	Concentration in groundwater (pCi/L): U-238	not used	0.000E+00	---	W1(15)
R013	Cover depth (m)	0.000E+00	0.000E+00	---	COVER0
R013	Density of cover material (g/cm**3)	not used	1.500E+00	---	DENSCV
R013	Cover depth erosion rate (m/yr)	not used	1.000E-03	---	VCV
R013	Density of contaminated zone (g/cm**3)	1.660E+00	1.500E+00	---	DENSCZ
R013	Contaminated zone erosion rate (m/yr)	1.000E-03	1.000E-03	---	VCZ

Site-Specific Parameter Summary (continued)

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R013	Contaminated zone total porosity	3.300E-01	4.000E-01	---	TPCZ
R013	Contaminated zone field capacity	2.400E-01	2.000E-01	---	FCCZ
R013	Contaminated zone hydraulic conductivity (m/yr)	5.000E+03	1.000E+01	---	HCCZ
R013	Contaminated zone b parameter	4.900E+00	5.300E+00	---	BCZ
R013	Average annual wind speed (m/sec)	6.230E+00	2.000E+00	---	WIND
R013	Humidity in air (g/m**3)	8.000E+00	8.000E+00	---	HUMID
R013	Evapotranspiration coefficient	4.600E-01	5.000E-01	---	EVAPTR
R013	Precipitation (m/yr)	1.230E+00	1.000E+00	---	PRECIP
R013	Irrigation (m/yr)	2.600E-01	2.000E-01	---	RI
R013	Irrigation mode	overhead	overhead	---	IDITCH
R013	Runoff coefficient	2.000E-01	2.000E-01	---	RUNOFF
R013	Watershed area for nearby stream or pond (m**2)	1.000E+06	1.000E+06	---	WAREA
R013	Accuracy for water/soil computations	1.000E-03	1.000E-03	---	EPS
R014	Density of saturated zone (g/cm**3)	1.660E+00	1.500E+00	---	DENSAQ
R014	Saturated zone total porosity	3.300E-01	4.000E-01	---	TPSZ
R014	Saturated zone effective porosity	2.400E-01	2.000E-01	---	EPSZ
R014	Saturated zone field capacity	2.000E-01	2.000E-01	---	FCSZ
R014	Saturated zone hydraulic conductivity (m/yr)	2.000E+04	1.000E+02	---	HCSZ
R014	Saturated zone hydraulic gradient	4.800E-03	2.000E-02	---	HGWT
R014	Saturated zone b parameter	4.900E+00	5.300E+00	---	BSZ
R014	Water table drop rate (m/yr)	1.000E-03	1.000E-03	---	VWT
R014	Well pump intake depth (m below water table)	1.800E+01	1.000E+01	---	DWIBWT
R014	Model: Nondispersion (ND) or Mass-Balance (MB)	ND	ND	---	MODEL
R014	Well pumping rate (m**3/yr)	2.500E+02	2.500E+02	---	UW
R015	Number of unsaturated zone strata	1	1	---	NS
R015	Unsat. zone 1, thickness (m)	0.000E+00	4.000E+00	---	H(1)
R015	Unsat. zone 1, soil density (g/cm**3)	1.660E+00	1.500E+00	---	DENSUZ(1)
R015	Unsat. zone 1, total porosity	3.300E-01	4.000E-01	---	TPUZ(1)
R015	Unsat. zone 1, effective porosity	2.400E-01	2.000E-01	---	EPUZ(1)
R015	Unsat. zone 1, field capacity	2.000E-01	2.000E-01	---	FCUZ(1)
R015	Unsat. zone 1, soil-specific b parameter	4.900E+00	5.300E+00	---	BUZ(1)
R015	Unsat. zone 1, hydraulic conductivity (m/yr)	5.000E+03	1.000E+01	---	HCUZ(1)
R016	Distribution coefficients for C-14				
R016	Contaminated zone (cm**3/g)	0.000E+00	0.000E+00	---	DCNUCC(1)
R016	Unsaturated zone 1 (cm**3/g)	0.000E+00	0.000E+00	---	DCNUCU(1,1)
R016	Saturated zone (cm**3/g)	0.000E+00	0.000E+00	---	DCNUCS(1)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	5.598E-01	ALEACH(1)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(1)
R016	Distribution coefficients for Co-60				
R016	Contaminated zone (cm**3/g)	1.000E+03	1.000E+03	---	DCNUCC(2)
R016	Unsaturated zone 1 (cm**3/g)	1.000E+03	1.000E+03	---	DCNUCU(2,1)
R016	Saturated zone (cm**3/g)	1.000E+03	1.000E+03	---	DCNUCS(2)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	8.092E-05	ALEACH(2)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(2)

Site-Specific Parameter Summary (continued)

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R016	Distribution coefficients for Cs-137				
R016	Contaminated zone (cm**3/g)	5.300E+02	4.600E+03	---	DCNUCC(3)
R016	Unsaturated zone 1 (cm**3/g)	5.300E+02	4.600E+03	---	DCNUCU(3,1)
R016	Saturated zone (cm**3/g)	5.300E+02	4.600E+03	---	DCNUCS(3)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	1.527E-04	ALEACH(3)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(3)
R016	Distribution coefficients for Eu-152				
R016	Contaminated zone (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCC(4)
R016	Unsaturated zone 1 (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCU(4,1)
R016	Saturated zone (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCS(4)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	9.810E-05	ALEACH(4)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(4)
R016	Distribution coefficients for Eu-154				
R016	Contaminated zone (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCC(6)
R016	Unsaturated zone 1 (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCU(6,1)
R016	Saturated zone (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCS(6)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	9.810E-05	ALEACH(6)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(6)
R016	Distribution coefficients for Gd-152				
R016	Contaminated zone (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCC(7)
R016	Unsaturated zone 1 (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCU(7,1)
R016	Saturated zone (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCS(7)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	9.810E-05	ALEACH(7)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(7)
R016	Distribution coefficients for H-3				
R016	Contaminated zone (cm**3/g)	0.000E+00	0.000E+00	---	DCNUCC(8)
R016	Unsaturated zone 1 (cm**3/g)	0.000E+00	0.000E+00	---	DCNUCU(8,1)
R016	Saturated zone (cm**3/g)	0.000E+00	0.000E+00	---	DCNUCS(8)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	5.598E-01	ALEACH(8)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(8)
R016	Distribution coefficients for Ni-63				
R016	Contaminated zone (cm**3/g)	1.000E+03	1.000E+03	---	DCNUCC(9)
R016	Unsaturated zone 1 (cm**3/g)	1.000E+03	1.000E+03	---	DCNUCU(9,1)
R016	Saturated zone (cm**3/g)	1.000E+03	1.000E+03	---	DCNUCS(9)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	8.092E-05	ALEACH(9)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(9)
R016	Distribution coefficients for Pb-210				
R016	Contaminated zone (cm**3/g)	1.000E+02	1.000E+02	---	DCNUCC(10)
R016	Unsaturated zone 1 (cm**3/g)	1.000E+02	1.000E+02	---	DCNUCU(10,1)
R016	Saturated zone (cm**3/g)	1.000E+02	1.000E+02	---	DCNUCS(10)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	8.082E-04	ALEACH(10)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(10)

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Site-Specific Parameter Summary (continued)

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R016	Distribution coefficients for Ra-226				
R016	Contaminated zone (cm**3/g)	7.000E+01	7.000E+01	---	DCNUCC(11)
R016	Unsaturated zone 1 (cm**3/g)	7.000E+01	7.000E+01	---	DCNUCU(11,1)
R016	Saturated zone (cm**3/g)	7.000E+01	7.000E+01	---	DCNUCS(11)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	1.154E-03	ALEACH(11)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(11)
R016	Distribution coefficients for Sr-90				
R016	Contaminated zone (cm**3/g)	2.200E+01	3.000E+01	---	DCNUCC(12)
R016	Unsaturated zone 1 (cm**3/g)	2.200E+01	3.000E+01	---	DCNUCU(12,1)
R016	Saturated zone (cm**3/g)	2.200E+01	3.000E+01	---	DCNUCS(12)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	3.655E-03	ALEACH(12)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(12)
R016	Distribution coefficients for Th-230				
R016	Contaminated zone (cm**3/g)	6.000E+04	6.000E+04	---	DCNUCC(13)
R016	Unsaturated zone 1 (cm**3/g)	6.000E+04	6.000E+04	---	DCNUCU(13,1)
R016	Saturated zone (cm**3/g)	6.000E+04	6.000E+04	---	DCNUCS(13)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	1.349E-06	ALEACH(13)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(13)
R016	Distribution coefficients for U-234				
R016	Contaminated zone (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCC(14)
R016	Unsaturated zone 1 (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCU(14,1)
R016	Saturated zone (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCS(14)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	1.614E-03	ALEACH(14)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(14)
R016	Distribution coefficients for U-238				
R016	Contaminated zone (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCC(15)
R016	Unsaturated zone 1 (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCU(15,1)
R016	Saturated zone (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCS(15)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	1.614E-03	ALEACH(15)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(15)
R017	Inhalation rate (m**3/yr)	7.300E+03	8.400E+03	---	INHALR
R017	Mass loading for inhalation (g/m**3)	1.000E-04	1.000E-04	---	MLINH
R017	Exposure duration	3.000E+01	3.000E+01	---	ED
R017	Shielding factor, inhalation	4.000E-01	4.000E-01	---	SHF3
R017	Shielding factor, external gamma	8.000E-01	7.000E-01	---	SHF1
R017	Fraction of time spent indoors	5.000E-01	5.000E-01	---	FIND
R017	Fraction of time spent outdoors (on site)	2.500E-01	2.500E-01	---	FOTD
R017	Shape factor flag, external gamma	1.000E+00	1.000E+00	>0 shows circular AREA.	FS

Site-Specific Parameter Summary (continued)

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R017	Radii of shape factor array (used if FS = -1):				
R017	Outer annular radius (m), ring 1:	not used	5.000E+01	---	RAD_SHAPE(1)
R017	Outer annular radius (m), ring 2:	not used	7.071E+01	---	RAD_SHAPE(2)
R017	Outer annular radius (m), ring 3:	not used	0.000E+00	---	RAD_SHAPE(3)
R017	Outer annular radius (m), ring 4:	not used	0.000E+00	---	RAD_SHAPE(4)
R017	Outer annular radius (m), ring 5:	not used	0.000E+00	---	RAD_SHAPE(5)
R017	Outer annular radius (m), ring 6:	not used	0.000E+00	---	RAD_SHAPE(6)
R017	Outer annular radius (m), ring 7:	not used	0.000E+00	---	RAD_SHAPE(7)
R017	Outer annular radius (m), ring 8:	not used	0.000E+00	---	RAD_SHAPE(8)
R017	Outer annular radius (m), ring 9:	not used	0.000E+00	---	RAD_SHAPE(9)
R017	Outer annular radius (m), ring 10:	not used	0.000E+00	---	RAD_SHAPE(10)
R017	Outer annular radius (m), ring 11:	not used	0.000E+00	---	RAD_SHAPE(11)
R017	Outer annular radius (m), ring 12:	not used	0.000E+00	---	RAD_SHAPE(12)
R017	Fractions of annular areas within AREA:				
R017	Ring 1	not used	1.000E+00	---	FRACA(1)
R017	Ring 2	not used	2.732E-01	---	FRACA(2)
R017	Ring 3	not used	0.000E+00	---	FRACA(3)
R017	Ring 4	not used	0.000E+00	---	FRACA(4)
R017	Ring 5	not used	0.000E+00	---	FRACA(5)
R017	Ring 6	not used	0.000E+00	---	FRACA(6)
R017	Ring 7	not used	0.000E+00	---	FRACA(7)
R017	Ring 8	not used	0.000E+00	---	FRACA(8)
R017	Ring 9	not used	0.000E+00	---	FRACA(9)
R017	Ring 10	not used	0.000E+00	---	FRACA(10)
R017	Ring 11	not used	0.000E+00	---	FRACA(11)
R017	Ring 12	not used	0.000E+00	---	FRACA(12)
R018	Fruits, vegetables and grain consumption (kg/yr)	1.600E+02	1.600E+02	---	DIET(1)
R018	Leafy vegetable consumption (kg/yr)	1.400E+01	1.400E+01	---	DIET(2)
R018	Milk consumption (L/yr)	not used	9.200E+01	---	DIET(3)
R018	Meat and poultry consumption (kg/yr)	not used	6.300E+01	---	DIET(4)
R018	Fish consumption (kg/yr)	not used	5.400E+00	---	DIET(5)
R018	Other seafood consumption (kg/yr)	not used	9.000E-01	---	DIET(6)
R018	Soil ingestion rate (g/yr)	4.380E+01	3.650E+01	---	SOIL
R018	Drinking water intake (L/yr)	7.000E+02	5.100E+02	---	DWI
R018	Contamination fraction of drinking water	1.000E+00	1.000E+00	---	FDW
R018	Contamination fraction of household water	not used	1.000E+00	---	FHHW
R018	Contamination fraction of livestock water	not used	1.000E+00	---	FLW
R018	Contamination fraction of irrigation water	1.000E+00	1.000E+00	---	FIRW
R018	Contamination fraction of aquatic food	not used	5.000E-01	---	FR9
R018	Contamination fraction of plant food	-1	-1	0.730E-01	FPLANT
R018	Contamination fraction of meat	not used	-1	---	FMEAT
R018	Contamination fraction of milk	not used	-1	---	FMILK
R019	Livestock fodder intake for meat (kg/day)	not used	6.800E+01	---	LFI5
R019	Livestock fodder intake for milk (kg/day)	not used	5.500E+01	---	LFI6
R019	Livestock water intake for meat (L/day)	not used	5.000E+01	---	LWI5
R019	Livestock water intake for milk (L/day)	not used	1.600E+02	---	LWI6
R019	Livestock soil intake (kg/day)	not used	5.000E-01	---	LSI

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Site-Specific Parameter Summary (continued)

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R019	Mass loading for foliar deposition (g/m**3)	1.000E-05	1.000E-04	---	MLFD
R019	Depth of soil mixing layer (m)	1.500E-01	1.500E-01	---	DM
R019	Depth of roots (m)	9.000E-01	9.000E-01	---	DROOT
R019	Drinking water fraction from ground water	1.000E+00	1.000E+00	---	FGWDW
R019	Household water fraction from ground water	not used	1.000E+00	---	FGWHH
R019	Livestock water fraction from ground water	not used	1.000E+00	---	FGWLW
R019	Irrigation fraction from ground water	1.000E+00	1.000E+00	---	FGWIR
R19B	Wet weight crop yield for Non-Leafy (kg/m**2)	7.000E-01	7.000E-01	---	YV(1)
R19B	Wet weight crop yield for Leafy (kg/m**2)	1.500E+00	1.500E+00	---	YV(2)
R19B	Wet weight crop yield for Fodder (kg/m**2)	not used	1.100E+00	---	YV(3)
R19B	Growing Season for Non-Leafy (years)	1.700E-01	1.700E-01	---	TE(1)
R19B	Growing Season for Leafy (years)	2.500E-01	2.500E-01	---	TE(2)
R19B	Growing Season for Fodder (years)	not used	8.000E-02	---	TE(3)
R19B	Translocation Factor for Non-Leafy	1.000E-01	1.000E-01	---	TIV(1)
R19B	Translocation Factor for Leafy	1.000E+00	1.000E+00	---	TIV(2)
R19B	Translocation Factor for Fodder	not used	1.000E+00	---	TIV(3)
R19B	Dry Foliar Interception Fraction for Non-Leafy	2.500E-01	2.500E-01	---	RDRY(1)
R19B	Dry Foliar Interception Fraction for Leafy	2.500E-01	2.500E-01	---	RDRY(2)
R19B	Dry Foliar Interception Fraction for Fodder	not used	2.500E-01	---	RDRY(3)
R19B	Wet Foliar Interception Fraction for Non-Leafy	2.500E-01	2.500E-01	---	RWET(1)
R19B	Wet Foliar Interception Fraction for Leafy	2.500E-01	2.500E-01	---	RWET(2)
R19B	Wet Foliar Interception Fraction for Fodder	not used	2.500E-01	---	RWET(3)
R19B	Weathering Removal Constant for Vegetation	2.000E+01	2.000E+01	---	WLAM
C14	C-12 concentration in water (g/cm**3)	2.000E-05	2.000E-05	---	C12WTR
C14	C-12 concentration in contaminated soil (g/g)	3.000E-02	3.000E-02	---	C12CZ
C14	Fraction of vegetation carbon from soil	2.000E-02	2.000E-02	---	CSOIL
C14	Fraction of vegetation carbon from air	9.800E-01	9.800E-01	---	CAIR
C14	C-14 evasion layer thickness in soil (m)	3.000E-01	3.000E-01	---	DMC
C14	C-14 evasion flux rate from soil (1/sec)	7.000E-07	7.000E-07	---	EVSN
C14	C-12 evasion flux rate from soil (1/sec)	1.000E-10	1.000E-10	---	REVSN
C14	Fraction of grain in beef cattle feed	8.000E-01	8.000E-01	---	AVFG4
C14	Fraction of grain in milk cow feed	2.000E-01	2.000E-01	---	AVFG5
STOR	Storage times of contaminated foodstuffs (days):				
STOR	Fruits, non-leafy vegetables, and grain	1.400E+01	1.400E+01	---	STOR_T(1)
STOR	Leafy vegetables	1.000E+00	1.000E+00	---	STOR_T(2)
STOR	Milk	1.000E+00	1.000E+00	---	STOR_T(3)
STOR	Meat and poultry	2.000E+01	2.000E+01	---	STOR_T(4)
STOR	Fish	7.000E+00	7.000E+00	---	STOR_T(5)
STOR	Crustacea and mollusks	7.000E+00	7.000E+00	---	STOR_T(6)
STOR	Well water	1.000E+00	1.000E+00	---	STOR_T(7)
STOR	Surface water	1.000E+00	1.000E+00	---	STOR_T(8)
STOR	Livestock fodder	4.500E+01	4.500E+01	---	STOR_T(9)
R021	Thickness of building foundation (m)	not used	1.500E-01	---	FLOOR1
R021	Bulk density of building foundation (g/cm**3)	not used	2.400E+00	---	DENSFL
R021	Total porosity of the cover material	not used	4.000E-01	---	TPCV
R021	Total porosity of the building foundation	not used	1.000E-01	---	TPFL

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Site-Specific Parameter Summary (continued)

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R021	Volumetric water content of the cover material	not used	5.000E-02	---	PH2OCV
R021	Volumetric water content of the foundation	not used	3.000E-02	---	PH2OFL
R021	Diffusion coefficient for radon gas (m/sec):				
R021	in cover material	not used	2.000E-06	---	DIFCV
R021	in foundation material	not used	3.000E-07	---	DIFFL
R021	in contaminated zone soil	not used	2.000E-06	---	DIFCZ
R021	Radon vertical dimension of mixing (m)	not used	2.000E+00	---	HMIX
R021	Average building air exchange rate (1/hr)	not used	5.000E-01	---	REXG
R021	Height of the building (room) (m)	not used	2.500E+00	---	HRM
R021	Building interior area factor	not used	0.000E+00	---	FAI
R021	Building depth below ground surface (m)	not used	-1.000E+00	---	DMFL
R021	Emanating power of Rn-222 gas	not used	2.500E-01	---	EMANA(1)
R021	Emanating power of Rn-220 gas	not used	1.500E-01	---	EMANA(2)
TITL	Number of graphical time points	32	---	---	NPTS
TITL	Maximum number of integration points for dose	17	---	---	LYMAX
TITL	Maximum number of integration points for risk	257	---	---	KYMAX

Summary of Pathway Selections

Pathway	User Selection
1 -- external gamma	active
2 -- inhalation (w/o radon)	active
3 -- plant ingestion	active
4 -- meat ingestion	suppressed
5 -- milk ingestion	suppressed
6 -- aquatic foods	suppressed
7 -- drinking water	active
8 -- soil ingestion	active
9 -- radon	suppressed
Find peak pathway doses	suppressed

Summary : IV/FSS_SU 7A_Sys_Res_Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\IR_FSS_SU 7A_SYSTEMATIC_RESIDENTIAL_BKGD SUBTRACT.RAD

Contaminated Zone Dimensions		Initial Soil Concentrations, pCi/g	
Area:	146.00 square meters	C-14	9.900E-01
Thickness:	5.00 meters	Co-60	1.500E-02
Cover Depth:	0.00 meters	Cs-137	2.070E-03
		Eu-152	9.240E-02
		Eu-154	4.770E-02
		Gd-152	9.240E-02
		H-3	8.208E+01
		Ni-63	5.400E-01
		Pb-210	2.200E-01
		Ra-226	2.200E-01
		Sr-90	1.470E-01
		Th-230	2.730E-02
		U-234	2.730E-02
		U-238	2.730E-02

Total Dose TDOSE(t), mrem/yr
Basic Radiation Dose Limit = 2.500E+01 mrem/yr
Total Mixture Sum M(t) = Fraction of Basic Dose Limit Received at Time (t)

t (years):	0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
TDOSE(t):	2.738E+00	2.466E+00	2.207E+00	2.075E+00	1.664E+00	1.502E+00	8.191E-01	4.020E-01
M(t):	1.095E-01	9.862E-02	8.828E-02	8.299E-02	6.655E-02	6.007E-02	3.276E-02	1.608E-02

Maximum TDOSE(t): 2.738E+00 mrem/yr at t = 0.000E+00 years

Summary : IV/FSS_SU 7A_Sys_Res_Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\IR_FSS_SU 7A_SYSTEMATIC_RESIDENTIAL_BKGD SUBTRACT.RAD

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 0.000E+00 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
C-14	3.316E-06	0.0000	9.692E-06	0.0000	0.000E+00	0.0000	1.170E-02	0.0043	0.000E+00	0.0000	0.000E+00	0.0000	4.462E-06	0.0000
Co-60	1.203E-01	0.0440	4.092E-08	0.0000	0.000E+00	0.0000	3.842E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	1.813E-06	0.0000
Cs-137	3.676E-03	0.0013	8.677E-10	0.0000	0.000E+00	0.0000	5.198E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.907E-07	0.0000
Eu-152	3.349E-01	0.1223	2.645E-07	0.0000	0.000E+00	0.0000	1.853E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.798E-06	0.0000
Eu-154	1.863E-01	0.0680	1.744E-07	0.0000	0.000E+00	0.0000	1.391E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.101E-06	0.0000
Gd-152	0.000E+00	0.0000	2.985E-04	0.0001	0.000E+00	0.0000	4.724E-04	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	7.135E-05	0.0000
H-3	0.000E+00	0.0000	1.596E-03	0.0006	0.000E+00	0.0000	2.309E-01	0.0843	0.000E+00	0.0000	0.000E+00	0.0000	1.532E-05	0.0000
Ni-63	0.000E+00	0.0000	4.499E-08	0.0000	0.000E+00	0.0000	1.972E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	1.489E-06	0.0000
Pb-210	7.210E-04	0.0003	6.677E-05	0.0000	0.000E+00	0.0000	2.001E-01	0.0731	0.000E+00	0.0000	0.000E+00	0.0000	7.557E-03	0.0028
Ra-226	1.301E+00	0.4753	2.616E-05	0.0000	0.000E+00	0.0000	1.512E-01	0.0552	0.000E+00	0.0000	0.000E+00	0.0000	1.511E-03	0.0006
Sr-90	1.885E-03	0.0007	2.522E-06	0.0000	0.000E+00	0.0000	8.444E-02	0.0308	0.000E+00	0.0000	0.000E+00	0.0000	1.063E-04	0.0000
Th-230	5.328E-05	0.0000	1.183E-04	0.0000	0.000E+00	0.0000	1.938E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	7.179E-05	0.0000
U-234	6.166E-06	0.0000	4.787E-05	0.0000	0.000E+00	0.0000	2.452E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	3.702E-05	0.0000
U-238	2.206E-03	0.0008	4.280E-05	0.0000	0.000E+00	0.0000	2.328E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	3.515E-05	0.0000
Total	1.951E+00	0.7128	2.209E-03	0.0008	0.000E+00	0.0000	6.802E-01	0.2485	0.000E+00	0.0000	0.000E+00	0.0000	9.417E-03	0.0034

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 0.000E+00 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
C-14	2.064E-02	0.0075	0.000E+00	0.0000	0.000E+00	0.0000	7.067E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.243E-02	0.0118
Co-60	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.207E-01	0.0441
Cs-137	1.747E-10	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.212E-13	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.729E-03	0.0014
Eu-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.349E-01	0.1223
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.863E-01	0.0681
Gd-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.422E-04	0.0003
H-3	6.984E-02	0.0255	0.000E+00	0.0000	0.000E+00	0.0000	1.404E-03	0.0005	0.000E+00	0.0000	0.000E+00	0.0000	3.037E-01	0.1109
Ni-63	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.987E-04	0.0001
Pb-210	1.378E-03	0.0005	0.000E+00	0.0000	0.000E+00	0.0000	1.383E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.099E-01	0.0767
Ra-226	5.913E-04	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	6.014E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.455E+00	0.5313
Sr-90	4.644E-04	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	5.054E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.690E-02	0.0317
Th-230	9.121E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.938E-11	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.372E-04	0.0002
U-234	3.004E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.028E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.666E-04	0.0001
U-238	2.853E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.875E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.545E-03	0.0009
Total	9.298E-02	0.0340	0.000E+00	0.0000	0.000E+00	0.0000	1.500E-03	0.0005	0.000E+00	0.0000	0.000E+00	0.0000	2.738E+00	1.0000

*Sum of all water independent and dependent pathways.

Summary : IV/FSS_SU 7A_Sys_Res_Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\IR_FSS_SU 7A_SYSTEMATIC_RESIDENTIAL_BKGD SUBTRACT.RAD

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+00 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
C-14	5.022E-07	0.0000	1.468E-06	0.0000	0.000E+00	0.0000	1.807E-03	0.0007	0.000E+00	0.0000	0.000E+00	0.0000	6.757E-07	0.0000
Co-60	1.055E-01	0.0428	3.587E-08	0.0000	0.000E+00	0.0000	3.368E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	1.590E-06	0.0000
Cs-137	3.592E-03	0.0015	8.477E-10	0.0000	0.000E+00	0.0000	5.078E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.794E-07	0.0000
Eu-152	3.179E-01	0.1289	2.511E-07	0.0000	0.000E+00	0.0000	1.759E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.656E-06	0.0000
Eu-154	1.721E-01	0.0698	1.612E-07	0.0000	0.000E+00	0.0000	1.286E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.942E-06	0.0000
Gd-152	0.000E+00	0.0000	2.984E-04	0.0001	0.000E+00	0.0000	4.723E-04	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	7.134E-05	0.0000
H-3	0.000E+00	0.0000	5.345E-04	0.0002	0.000E+00	0.0000	7.795E-02	0.0316	0.000E+00	0.0000	0.000E+00	0.0000	5.131E-06	0.0000
Ni-63	0.000E+00	0.0000	4.466E-08	0.0000	0.000E+00	0.0000	1.957E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	1.478E-06	0.0000
Pb-210	6.984E-04	0.0003	6.467E-05	0.0000	0.000E+00	0.0000	1.939E-01	0.0786	0.000E+00	0.0000	0.000E+00	0.0000	7.319E-03	0.0030
Ra-226	1.299E+00	0.5269	2.816E-05	0.0000	0.000E+00	0.0000	1.572E-01	0.0638	0.000E+00	0.0000	0.000E+00	0.0000	1.739E-03	0.0007
Sr-90	1.834E-03	0.0007	2.454E-06	0.0000	0.000E+00	0.0000	8.215E-02	0.0333	0.000E+00	0.0000	0.000E+00	0.0000	1.034E-04	0.0000
Th-230	1.232E-04	0.0000	1.183E-04	0.0000	0.000E+00	0.0000	2.021E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	7.188E-05	0.0000
U-234	6.157E-06	0.0000	4.779E-05	0.0000	0.000E+00	0.0000	2.448E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	3.697E-05	0.0000
U-238	2.202E-03	0.0009	4.273E-05	0.0000	0.000E+00	0.0000	2.324E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	3.510E-05	0.0000
Total	1.903E+00	0.7719	1.139E-03	0.0005	0.000E+00	0.0000	5.147E-01	0.2088	0.000E+00	0.0000	0.000E+00	0.0000	9.391E-03	0.0038

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+00 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
C-14	3.522E-03	0.0014	0.000E+00	0.0000	0.000E+00	0.0000	1.219E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.344E-03	0.0022
Co-60	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.058E-01	0.0429
Cs-137	5.207E-10	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.144E-12	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.643E-03	0.0015
Eu-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.179E-01	0.1289
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.722E-01	0.0698
Gd-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.421E-04	0.0003
H-3	2.554E-02	0.0104	0.000E+00	0.0000	0.000E+00	0.0000	5.151E-04	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	1.045E-01	0.0424
Ni-63	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.973E-04	0.0001
Pb-210	4.035E-03	0.0016	0.000E+00	0.0000	0.000E+00	0.0000	4.202E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.060E-01	0.0836
Ra-226	1.921E-03	0.0008	0.000E+00	0.0000	0.000E+00	0.0000	2.021E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.460E+00	0.5922
Sr-90	1.366E-03	0.0006	0.000E+00	0.0000	0.000E+00	0.0000	1.535E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.547E-02	0.0347
Th-230	6.766E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.987E-10	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.155E-04	0.0002
U-234	9.035E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.415E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.270E-04	0.0002
U-238	8.579E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.939E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.599E-03	0.0011
Total	3.656E-02	0.0148	0.000E+00	0.0000	0.000E+00	0.0000	6.067E-04	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	2.466E+00	1.0000

*Sum of all water independent and dependent pathways.

Summary : IV/FSS_SU 7A_Sys_Res_Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\IR_FSS_SU 7A_SYSTEMATIC_RESIDENTIAL_BKGD SUBTRACT.RAD

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+00 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
C-14	2.627E-10	0.0000	7.679E-10	0.0000	0.000E+00	0.0000	9.457E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.535E-10	0.0000
Co-60	6.233E-02	0.0282	2.119E-08	0.0000	0.000E+00	0.0000	1.990E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	9.392E-07	0.0000
Cs-137	3.273E-03	0.0015	7.724E-10	0.0000	0.000E+00	0.0000	4.627E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.368E-07	0.0000
Eu-152	2.581E-01	0.1169	2.039E-07	0.0000	0.000E+00	0.0000	1.428E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.156E-06	0.0000
Eu-154	1.256E-01	0.0569	1.176E-07	0.0000	0.000E+00	0.0000	9.377E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.416E-06	0.0000
Gd-152	0.000E+00	0.0000	2.983E-04	0.0001	0.000E+00	0.0000	4.722E-04	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	7.131E-05	0.0000
H-3	0.000E+00	0.0000	6.715E-06	0.0000	0.000E+00	0.0000	9.793E-04	0.0004	0.000E+00	0.0000	0.000E+00	0.0000	6.446E-08	0.0000
Ni-63	0.000E+00	0.0000	4.338E-08	0.0000	0.000E+00	0.0000	1.901E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	1.436E-06	0.0000
Pb-210	6.148E-04	0.0003	5.693E-05	0.0000	0.000E+00	0.0000	1.706E-01	0.0773	0.000E+00	0.0000	0.000E+00	0.0000	6.443E-03	0.0029
Ra-226	1.291E+00	0.5849	3.550E-05	0.0000	0.000E+00	0.0000	1.788E-01	0.0810	0.000E+00	0.0000	0.000E+00	0.0000	2.580E-03	0.0012
Sr-90	1.643E-03	0.0007	2.199E-06	0.0000	0.000E+00	0.0000	7.361E-02	0.0333	0.000E+00	0.0000	0.000E+00	0.0000	9.263E-05	0.0000
Th-230	4.016E-04	0.0002	1.183E-04	0.0001	0.000E+00	0.0000	2.383E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	7.234E-05	0.0000
U-234	6.127E-06	0.0000	4.749E-05	0.0000	0.000E+00	0.0000	2.432E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	3.673E-05	0.0000
U-238	2.188E-03	0.0010	4.246E-05	0.0000	0.000E+00	0.0000	2.309E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	3.487E-05	0.0000
Total	1.745E+00	0.7907	6.083E-04	0.0003	0.000E+00	0.0000	4.256E-01	0.1928	0.000E+00	0.0000	0.000E+00	0.0000	9.337E-03	0.0042

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+00 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
C-14	1.845E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.385E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.798E-06	0.0000
Co-60	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.253E-02	0.0283
Cs-137	1.805E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.728E-11	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.320E-03	0.0015
Eu-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.581E-01	0.1169
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.256E-01	0.0569
Gd-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.418E-04	0.0004
H-3	3.209E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	6.472E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.313E-03	0.0006
Ni-63	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.916E-04	0.0001
Pb-210	1.308E-02	0.0059	0.000E+00	0.0000	0.000E+00	0.0000	1.386E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	1.910E-01	0.0865
Ra-226	9.203E-03	0.0042	0.000E+00	0.0000	0.000E+00	0.0000	9.815E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.482E+00	0.6713
Sr-90	2.866E-03	0.0013	0.000E+00	0.0000	0.000E+00	0.0000	3.285E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.824E-02	0.0355
Th-230	1.080E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.146E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.316E-04	0.0004
U-234	3.307E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	3.498E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.677E-04	0.0003
U-238	3.140E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	3.322E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.813E-03	0.0013
Total	2.612E-02	0.0118	0.000E+00	0.0000	0.000E+00	0.0000	2.829E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	2.207E+00	1.0000

*Sum of all water independent and dependent pathways.

Summary : IV/FSS_SU 7A_Sys_Res_Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\IR_FSS_SU 7A_SYSTEMATIC_RESIDENTIAL_BKGD SUBTRACT.RAD

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+01 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
C-14	2.054E-14	0.0000	6.003E-14	0.0000	0.000E+00	0.0000	7.394E-11	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.764E-14	0.0000
Co-60	3.228E-02	0.0156	1.098E-08	0.0000	0.000E+00	0.0000	1.031E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.864E-07	0.0000
Cs-137	2.914E-03	0.0014	6.876E-10	0.0000	0.000E+00	0.0000	4.119E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.888E-07	0.0000
Eu-152	1.989E-01	0.0959	1.571E-07	0.0000	0.000E+00	0.0000	1.100E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.662E-06	0.0000
Eu-154	8.465E-02	0.0408	7.925E-08	0.0000	0.000E+00	0.0000	6.322E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.548E-07	0.0000
Gd-152	0.000E+00	0.0000	2.982E-04	0.0001	0.000E+00	0.0000	4.719E-04	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	7.128E-05	0.0000
H-3	0.000E+00	0.0000	2.812E-08	0.0000	0.000E+00	0.0000	4.101E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.699E-10	0.0000
Ni-63	0.000E+00	0.0000	4.182E-08	0.0000	0.000E+00	0.0000	1.833E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	1.384E-06	0.0000
Pb-210	5.242E-04	0.0003	4.854E-05	0.0000	0.000E+00	0.0000	1.455E-01	0.0701	0.000E+00	0.0000	0.000E+00	0.0000	5.493E-03	0.0026
Ra-226	1.281E+00	0.6174	4.337E-05	0.0000	0.000E+00	0.0000	2.018E-01	0.0972	0.000E+00	0.0000	0.000E+00	0.0000	3.481E-03	0.0017
Sr-90	1.433E-03	0.0007	1.917E-06	0.0000	0.000E+00	0.0000	6.416E-02	0.0309	0.000E+00	0.0000	0.000E+00	0.0000	8.075E-05	0.0000
Th-230	7.473E-04	0.0004	1.183E-04	0.0001	0.000E+00	0.0000	2.895E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	7.316E-05	0.0000
U-234	6.103E-06	0.0000	4.711E-05	0.0000	0.000E+00	0.0000	2.412E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	3.644E-05	0.0000
U-238	2.170E-03	0.0010	4.212E-05	0.0000	0.000E+00	0.0000	2.291E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	3.459E-05	0.0000
Total	1.605E+00	0.7733	5.999E-04	0.0003	0.000E+00	0.0000	4.130E-01	0.1991	0.000E+00	0.0000	0.000E+00	0.0000	9.275E-03	0.0045

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+01 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
C-14	1.444E-10	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.000E-13	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.190E-10	0.0000
Co-60	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.239E-02	0.0156
Cs-137	3.085E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.127E-11	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.955E-03	0.0014
Eu-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.989E-01	0.0959
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.466E-02	0.0408
Gd-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.414E-04	0.0004
H-3	1.344E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.711E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.501E-06	0.0000
Ni-63	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.847E-04	0.0001
Pb-210	2.134E-02	0.0103	0.000E+00	0.0000	0.000E+00	0.0000	2.268E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	1.731E-01	0.0834
Ra-226	2.209E-02	0.0106	0.000E+00	0.0000	0.000E+00	0.0000	2.359E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	1.509E+00	0.7271
Sr-90	2.498E-03	0.0012	0.000E+00	0.0000	0.000E+00	0.0000	2.863E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.821E-02	0.0329
Th-230	4.753E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.068E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.233E-03	0.0006
U-234	4.979E-04	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	5.296E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.341E-04	0.0004
U-238	4.728E-04	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	5.029E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.954E-03	0.0014
Total	4.690E-02	0.0226	0.000E+00	0.0000	0.000E+00	0.0000	5.017E-04	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	2.075E+00	1.0000

*Sum of all water independent and dependent pathways.

Summary : IV/FSS_SU 7A_Sys_Res_Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\IR_FSS_SU 7A_SYSTEMATIC_RESIDENTIAL_BKGD SUBTRACT.RAD

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+01 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
C-14	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Co-60	1.672E-04	0.0001	5.684E-11	0.0000	0.000E+00	0.0000	5.337E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.519E-09	0.0000
Cs-137	1.149E-03	0.0007	2.712E-10	0.0000	0.000E+00	0.0000	1.625E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.534E-07	0.0000
Eu-152	2.475E-02	0.0149	1.955E-08	0.0000	0.000E+00	0.0000	1.369E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.068E-07	0.0000
Eu-154	3.611E-03	0.0022	3.381E-09	0.0000	0.000E+00	0.0000	2.696E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.073E-08	0.0000
Gd-152	0.000E+00	0.0000	2.970E-04	0.0002	0.000E+00	0.0000	4.701E-04	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	7.100E-05	0.0000
H-3	0.000E+00	0.0000	2.234E-27	0.0000	0.000E+00	0.0000	3.258E-25	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Ni-63	0.000E+00	0.0000	3.123E-08	0.0000	0.000E+00	0.0000	1.369E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	1.034E-06	0.0000
Pb-210	1.464E-04	0.0001	1.355E-05	0.0000	0.000E+00	0.0000	4.063E-02	0.0244	0.000E+00	0.0000	0.000E+00	0.0000	1.534E-03	0.0009
Ra-226	1.202E+00	0.7228	7.352E-05	0.0000	0.000E+00	0.0000	2.877E-01	0.1729	0.000E+00	0.0000	0.000E+00	0.0000	6.981E-03	0.0042
Sr-90	4.777E-04	0.0003	6.390E-07	0.0000	0.000E+00	0.0000	2.139E-02	0.0129	0.000E+00	0.0000	0.000E+00	0.0000	2.692E-05	0.0000
Th-230	3.416E-03	0.0021	1.184E-04	0.0001	0.000E+00	0.0000	8.392E-04	0.0005	0.000E+00	0.0000	0.000E+00	0.0000	8.527E-05	0.0001
U-234	6.457E-06	0.0000	4.420E-05	0.0000	0.000E+00	0.0000	2.263E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	3.418E-05	0.0000
U-238	2.035E-03	0.0012	3.949E-05	0.0000	0.000E+00	0.0000	2.148E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	3.243E-05	0.0000
Total	1.238E+00	0.7443	5.869E-04	0.0004	0.000E+00	0.0000	3.517E-01	0.2114	0.000E+00	0.0000	0.000E+00	0.0000	8.767E-03	0.0053

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+01 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
C-14	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Co-60	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.677E-04	0.0001
Cs-137	5.914E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.278E-11	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.166E-03	0.0007
Eu-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.475E-02	0.0149
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.611E-03	0.0022
Gd-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.381E-04	0.0005
H-3	1.070E-25	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.159E-27	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.373E-25	0.0000
Ni-63	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.379E-04	0.0001
Pb-210	1.050E-02	0.0063	0.000E+00	0.0000	0.000E+00	0.0000	1.119E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	5.293E-02	0.0318
Ra-226	5.147E-02	0.0309	0.000E+00	0.0000	0.000E+00	0.0000	5.499E-04	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	1.549E+00	0.9312
Sr-90	8.312E-04	0.0005	0.000E+00	0.0000	0.000E+00	0.0000	9.529E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.274E-02	0.0137
Th-230	8.738E-05	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	9.336E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.547E-03	0.0027
U-234	4.660E-04	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	4.957E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.821E-04	0.0005
U-238	4.426E-04	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	4.708E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.769E-03	0.0017
Total	6.380E-02	0.0383	0.000E+00	0.0000	0.000E+00	0.0000	6.819E-04	0.0004	0.000E+00	0.0000	0.000E+00	0.0000	1.664E+00	1.0000

*Sum of all water independent and dependent pathways.

Summary : IV/FSS_SU 7A_Sys_Res_Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\IR_FSS_SU 7A_SYSTEMATIC_RESIDENTIAL_BKGD SUBTRACT.RAD

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+02 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
C-14	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Co-60	2.322E-07	0.0000	7.895E-14	0.0000	0.000E+00	0.0000	7.413E-10	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.499E-12	0.0000
Cs-137	3.592E-04	0.0002	8.478E-11	0.0000	0.000E+00	0.0000	5.079E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.794E-08	0.0000
Eu-152	1.829E-03	0.0012	1.445E-09	0.0000	0.000E+00	0.0000	1.012E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.529E-08	0.0000
Eu-154	7.000E-05	0.0000	6.553E-11	0.0000	0.000E+00	0.0000	5.227E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.895E-10	0.0000
Gd-152	0.000E+00	0.0000	2.956E-04	0.0002	0.000E+00	0.0000	4.678E-04	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	7.065E-05	0.0000
H-3	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Ni-63	0.000E+00	0.0000	2.168E-08	0.0000	0.000E+00	0.0000	9.500E-05	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	7.174E-07	0.0000
Pb-210	2.971E-05	0.0000	2.751E-06	0.0000	0.000E+00	0.0000	8.247E-03	0.0055	0.000E+00	0.0000	0.000E+00	0.0000	3.114E-04	0.0002
Ra-226	1.111E+00	0.7397	7.793E-05	0.0001	0.000E+00	0.0000	2.958E-01	0.1970	0.000E+00	0.0000	0.000E+00	0.0000	7.583E-03	0.0050
Sr-90	1.210E-04	0.0001	1.619E-07	0.0000	0.000E+00	0.0000	5.421E-03	0.0036	0.000E+00	0.0000	0.000E+00	0.0000	6.822E-06	0.0000
Th-230	6.520E-03	0.0043	1.185E-04	0.0001	0.000E+00	0.0000	1.634E-03	0.0011	0.000E+00	0.0000	0.000E+00	0.0000	1.052E-04	0.0001
U-234	8.121E-06	0.0000	4.082E-05	0.0000	0.000E+00	0.0000	2.093E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	3.157E-05	0.0000
U-238	1.877E-03	0.0012	3.643E-05	0.0000	0.000E+00	0.0000	1.981E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	2.992E-05	0.0000
Total	1.122E+00	0.7469	5.722E-04	0.0004	0.000E+00	0.0000	3.121E-01	0.2078	0.000E+00	0.0000	0.000E+00	0.0000	8.139E-03	0.0054

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+02 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
C-14	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Co-60	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.329E-07	0.0000
Cs-137	3.708E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.959E-11	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.644E-04	0.0002
Eu-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.830E-03	0.0012
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.001E-05	0.0000
Gd-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.340E-04	0.0006
H-3	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Ni-63	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.574E-05	0.0001
Pb-210	2.129E-03	0.0014	0.000E+00	0.0000	0.000E+00	0.0000	2.269E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.074E-02	0.0072
Ra-226	5.524E-02	0.0368	0.000E+00	0.0000	0.000E+00	0.0000	5.899E-04	0.0004	0.000E+00	0.0000	0.000E+00	0.0000	1.470E+00	0.9790
Sr-90	2.101E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	2.408E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.761E-03	0.0038
Th-230	2.208E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	2.358E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.601E-03	0.0057
U-234	4.291E-04	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	4.564E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.234E-04	0.0005
U-238	4.075E-04	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	4.335E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.553E-03	0.0017
Total	5.863E-02	0.0390	0.000E+00	0.0000	0.000E+00	0.0000	6.263E-04	0.0004	0.000E+00	0.0000	0.000E+00	0.0000	1.502E+00	1.0000

*Sum of all water independent and dependent pathways.

Summary : IV/FSS_SU 7A_Sys_Res_Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\IR_FSS_SU 7A_SYSTEMATIC_RESIDENTIAL_BKGD SUBTRACT.RAD

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+02 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
C-14	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Co-60	3.218E-30	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Cs-137	3.274E-08	0.0000	7.728E-15	0.0000	0.000E+00	0.0000	4.629E-10	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.370E-12	0.0000
Eu-152	1.630E-12	0.0000	1.108E-17	0.0000	0.000E+00	0.0000	1.057E-16	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.596E-17	0.0000
Eu-154	1.396E-18	0.0000	1.307E-24	0.0000	0.000E+00	0.0000	1.042E-22	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.574E-23	0.0000
Gd-152	0.000E+00	0.0000	2.842E-04	0.0003	0.000E+00	0.0000	4.498E-04	0.0005	0.000E+00	0.0000	0.000E+00	0.0000	6.793E-05	0.0001
H-3	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Ni-63	0.000E+00	0.0000	1.169E-09	0.0000	0.000E+00	0.0000	5.121E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.868E-08	0.0000
Pb-210	8.569E-11	0.0000	7.935E-12	0.0000	0.000E+00	0.0000	2.378E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.980E-10	0.0000
Ra-226	5.888E-01	0.7188	4.280E-05	0.0001	0.000E+00	0.0000	1.613E-01	0.1969	0.000E+00	0.0000	0.000E+00	0.0000	4.188E-03	0.0051
Sr-90	2.056E-09	0.0000	2.750E-12	0.0000	0.000E+00	0.0000	9.207E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.159E-10	0.0000
Th-230	2.414E-02	0.0295	1.193E-04	0.0001	0.000E+00	0.0000	6.446E-03	0.0079	0.000E+00	0.0000	0.000E+00	0.0000	2.298E-04	0.0003
U-234	4.985E-05	0.0001	2.169E-05	0.0000	0.000E+00	0.0000	1.217E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	1.701E-05	0.0000
U-238	9.841E-04	0.0012	1.913E-05	0.0000	0.000E+00	0.0000	1.040E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	1.571E-05	0.0000
Total	6.140E-01	0.7496	4.871E-04	0.0006	0.000E+00	0.0000	1.684E-01	0.2056	0.000E+00	0.0000	0.000E+00	0.0000	4.519E-03	0.0055

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+02 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
C-14	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Co-60	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.218E-30	0.0000
Cs-137	1.784E-12	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.914E-14	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.321E-08	0.0000
Eu-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.630E-12	0.0000
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.396E-18	0.0000
Gd-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.019E-04	0.0010
H-3	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Ni-63	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.161E-06	0.0000
Pb-210	6.074E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.474E-11	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.091E-08	0.0000
Ra-226	3.000E-02	0.0366	0.000E+00	0.0000	0.000E+00	0.0000	3.203E-04	0.0004	0.000E+00	0.0000	0.000E+00	0.0000	7.846E-01	0.9579
Sr-90	3.486E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.996E-11	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.777E-08	0.0000
Th-230	9.727E-04	0.0012	0.000E+00	0.0000	0.000E+00	0.0000	1.039E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.192E-02	0.0390
U-234	2.226E-04	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	2.368E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.352E-04	0.0005
U-238	2.100E-04	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	2.234E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.335E-03	0.0016
Total	3.140E-02	0.0383	0.000E+00	0.0000	0.000E+00	0.0000	3.353E-04	0.0004	0.000E+00	0.0000	0.000E+00	0.0000	8.191E-01	1.0000

*Sum of all water independent and dependent pathways.

Summary : IV/FSS_SU 7A_Sys_Res_Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\IR_FSS_SU 7A_SYSTEMATIC_RESIDENTIAL_BKGD SUBTRACT.RAD

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+03 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
C-14	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Co-60	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Cs-137	2.916E-13	0.0000	6.882E-20	0.0000	0.000E+00	0.0000	4.123E-15	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.892E-17	0.0000
Eu-152	7.932E-24	0.0000	9.324E-18	0.0000	0.000E+00	0.0000	1.476E-17	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.229E-18	0.0000
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Gd-152	0.000E+00	0.0000	2.706E-04	0.0007	0.000E+00	0.0000	4.282E-04	0.0011	0.000E+00	0.0000	0.000E+00	0.0000	6.468E-05	0.0002
H-3	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Ni-63	0.000E+00	0.0000	3.035E-11	0.0000	0.000E+00	0.0000	1.330E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.005E-09	0.0000
Pb-210	1.018E-17	0.0000	9.429E-19	0.0000	0.000E+00	0.0000	2.826E-15	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.067E-16	0.0000
Ra-226	2.663E-01	0.6624	1.936E-05	0.0000	0.000E+00	0.0000	7.294E-02	0.1814	0.000E+00	0.0000	0.000E+00	0.0000	1.894E-03	0.0047
Sr-90	2.242E-15	0.0000	2.999E-18	0.0000	0.000E+00	0.0000	1.004E-13	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.263E-16	0.0000
Th-230	3.491E-02	0.0868	1.195E-04	0.0003	0.000E+00	0.0000	9.396E-03	0.0234	0.000E+00	0.0000	0.000E+00	0.0000	3.061E-04	0.0008
U-234	1.177E-04	0.0003	1.003E-05	0.0000	0.000E+00	0.0000	7.986E-05	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	8.438E-06	0.0000
U-238	4.392E-04	0.0011	8.549E-06	0.0000	0.000E+00	0.0000	4.650E-05	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	7.020E-06	0.0000
Total	3.017E-01	0.7506	4.280E-04	0.0011	0.000E+00	0.0000	8.289E-02	0.2062	0.000E+00	0.0000	0.000E+00	0.0000	2.280E-03	0.0057

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+03 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
C-14	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Co-60	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Cs-137	3.414E-17	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.665E-19	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.958E-13	0.0000
Eu-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.631E-17	0.0000
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Gd-152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.635E-04	0.0019
H-3	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Ni-63	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.341E-07	0.0000
Pb-210	7.071E-16	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.536E-18	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.659E-15	0.0000
Ra-226	1.305E-02	0.0325	0.000E+00	0.0000	0.000E+00	0.0000	1.393E-04	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	3.543E-01	0.8813
Sr-90	3.653E-15	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.188E-17	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.065E-13	0.0000
Th-230	1.288E-03	0.0032	0.000E+00	0.0000	0.000E+00	0.0000	1.375E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.603E-02	0.1145
U-234	1.005E-04	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	1.069E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.176E-04	0.0008
U-238	9.082E-05	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	9.662E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.931E-04	0.0015
Total	1.453E-02	0.0361	0.000E+00	0.0000	0.000E+00	0.0000	1.551E-04	0.0004	0.000E+00	0.0000	0.000E+00	0.0000	4.020E-01	1.0000

*Sum of all water independent and dependent pathways.

Summary : IV/FSS_SU 7A_Sys_Res_Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\IR_FSS_SU 7A_SYSTEMATIC_RESIDENTIAL_BKGD SUBTRACT.RAD

Dose/Source Ratios Summed Over All Pathways
Parent and Progeny Principal Radionuclide Contributions Indicated

Parent (i)	Product (j)	Thread Fraction	DSR(j,t) At Time in Years (mrem/yr)/(pCi/g) 0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
C-14	C-14	1.000E+00	3.276E-02	5.398E-03	2.827E-06	2.212E-10	1.920E-43	0.000E+00	0.000E+00	0.000E+00
Co-60	Co-60	1.000E+00	8.049E+00	7.056E+00	4.169E+00	2.159E+00	1.118E-02	1.553E-05	2.152E-28	0.000E+00
Cs-137+D	Cs-137+D	1.000E+00	1.801E+00	1.760E+00	1.604E+00	1.428E+00	5.631E-01	1.760E-01	1.604E-05	1.429E-10
Eu-152	Eu-152	7.208E-01	2.612E+00	2.480E+00	2.013E+00	1.552E+00	1.931E-01	1.427E-02	1.271E-11	6.188E-23
Eu-152	Eu-152	2.792E-01	1.012E+00	9.605E-01	7.799E-01	6.010E-01	7.479E-02	5.528E-03	4.925E-12	2.397E-23
Eu-152	Gd-152	2.792E-01	8.026E-18	2.353E-17	7.806E-17	1.320E-16	2.899E-16	3.094E-16	2.991E-16	2.847E-16
Eu-152	∑DSR(j)		1.012E+00	9.605E-01	7.799E-01	6.010E-01	7.479E-02	5.528E-03	4.925E-12	2.847E-16
Eu-154	Eu-154	1.000E+00	3.905E+00	3.609E+00	2.633E+00	1.775E+00	7.571E-02	1.468E-03	2.927E-17	2.193E-34
Gd-152	Gd-152	1.000E+00	9.115E-03	9.114E-03	9.110E-03	9.106E-03	9.070E-03	9.026E-03	8.678E-03	8.263E-03
H-3	H-3	1.000E+00	3.700E-03	1.274E-03	1.600E-05	6.702E-08	5.328E-27	0.000E+00	0.000E+00	0.000E+00
Ni-63	Ni-63	1.000E+00	3.680E-04	3.653E-04	3.548E-04	3.421E-04	2.554E-04	1.773E-04	9.558E-06	2.483E-07
Pb-210+D	Pb-210+D	1.000E+00	9.539E-01	9.364E-01	8.680E-01	7.869E-01	2.406E-01	4.883E-02	1.405E-07	1.663E-14
Ra-226+D	Ra-226+D	1.000E+00	6.594E+00	6.589E+00	6.567E+00	6.541E+00	6.146E+00	5.677E+00	3.009E+00	1.360E+00
Ra-226+D	Pb-210+D	1.000E+00	1.757E-02	4.795E-02	1.675E-01	3.159E-01	8.958E-01	1.005E+00	5.577E-01	2.502E-01
Ra-226+D	∑DSR(j)		6.612E+00	6.637E+00	6.735E+00	6.857E+00	7.042E+00	6.683E+00	3.566E+00	1.611E+00
Sr-90+D	Sr-90+D	1.000E+00	5.912E-01	5.814E-01	5.323E-01	4.640E-01	1.547E-01	3.919E-02	6.651E-07	7.242E-13
Th-230	Th-230	1.000E+00	1.459E-02	1.459E-02	1.459E-02	1.459E-02	1.459E-02	1.458E-02	1.452E-02	1.444E-02
Th-230	Ra-226+D	1.000E+00	1.420E-03	4.274E-03	1.567E-02	2.985E-02	1.396E-01	2.674E-01	9.916E-01	1.433E+00
Th-230	Pb-210+D	1.000E+00	2.759E-06	1.703E-05	2.029E-04	7.213E-04	1.232E-02	3.312E-02	1.630E-01	2.383E-01
Th-230	∑DSR(j)		1.602E-02	1.888E-02	3.046E-02	4.517E-02	1.666E-01	3.151E-01	1.169E+00	1.686E+00
U-234	U-234	1.000E+00	1.343E-02	1.564E-02	2.446E-02	3.055E-02	2.861E-02	2.636E-02	1.365E-02	5.965E-03
U-234	Th-230	1.000E+00	6.855E-08	2.003E-07	7.237E-07	1.373E-06	6.384E-06	1.220E-05	4.503E-05	6.483E-05
U-234	Ra-226+D	1.000E+00	4.289E-09	2.998E-08	3.889E-07	1.411E-06	3.135E-05	1.178E-04	1.937E-03	4.793E-03
U-234	Pb-210+D	1.000E+00	1.678E-10	5.356E-10	5.197E-09	2.558E-08	2.059E-06	1.183E-05	3.093E-04	8.106E-04
U-234	∑DSR(j)		1.343E-02	1.564E-02	2.446E-02	3.055E-02	2.865E-02	2.650E-02	1.594E-02	1.163E-02
U-238	U-238	5.400E-05	6.450E-07	7.526E-07	1.182E-06	1.478E-06	1.385E-06	1.276E-06	6.614E-07	2.894E-07
U-238+D	U-238+D	9.999E-01	9.323E-02	9.520E-02	1.031E-01	1.082E-01	1.014E-01	9.352E-02	4.889E-02	2.170E-02
U-238+D	U-234	9.999E-01	1.956E-08	6.702E-08	3.818E-07	9.092E-07	4.096E-06	7.510E-06	1.938E-05	1.694E-05
U-238+D	Th-230	9.999E-01	9.064E-14	5.238E-13	5.951E-12	2.114E-11	4.571E-10	1.704E-09	2.777E-08	6.844E-08
U-238+D	Ra-226+D	9.999E-01	5.014E-11	1.583E-10	5.676E-10	1.443E-09	1.390E-08	3.513E-08	9.456E-07	4.004E-06
U-238+D	Pb-210+D	9.999E-01	2.119E-10	6.638E-10	2.369E-09	5.829E-09	4.842E-08	9.428E-08	4.932E-07	1.164E-06
U-238+D	∑DSR(j)		9.323E-02	9.520E-02	1.031E-01	1.082E-01	1.014E-01	9.352E-02	4.891E-02	2.172E-02

The DSR includes contributions from associated (half-life ≤ 180 days) daughters.

Summary : IV/FSS_SU 7A_Sys_Res_Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\IR_FSS_SU 7A_SYSTEMATIC_RESIDENTIAL_BKGD SUBTRACT.RAD

Single Radionuclide Soil Guidelines G(i,t) in pCi/g
Basic Radiation Dose Limit = 2.500E+01 mrem/yr

Nuclide (i)	t= 0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
C-14	7.632E+02	4.631E+03	8.845E+06	1.130E+11	*4.455E+12	*4.455E+12	*4.455E+12	*4.455E+12
Co-60	3.106E+00	3.543E+00	5.997E+00	1.158E+01	2.236E+03	1.610E+06	*1.132E+15	*1.132E+15
Cs-137	1.388E+01	1.420E+01	1.559E+01	1.751E+01	4.440E+01	1.420E+02	1.558E+06	1.750E+11
Eu-152	6.898E+00	7.267E+00	8.950E+00	1.161E+01	9.332E+01	1.263E+03	1.417E+12	*1.765E+14
Eu-154	6.401E+00	6.927E+00	9.496E+00	1.409E+01	3.302E+02	1.703E+04	*2.639E+14	*2.639E+14
Gd-152	*2.179E+01	*2.179E+01	*2.179E+01	*2.179E+01	*2.179E+01	*2.179E+01	*2.179E+01	*2.179E+01
H-3	6.756E+03	1.963E+04	1.562E+06	3.730E+08	*9.597E+15	*9.597E+15	*9.597E+15	*9.597E+15
Ni-63	6.794E+04	6.844E+04	7.047E+04	7.309E+04	9.788E+04	1.410E+05	2.616E+06	1.007E+08
Pb-210	2.621E+01	2.670E+01	2.880E+01	3.177E+01	1.039E+02	5.120E+02	1.779E+08	*7.634E+13
Ra-226	3.781E+00	3.767E+00	3.712E+00	3.646E+00	3.550E+00	3.741E+00	7.010E+00	1.552E+01
Sr-90	4.229E+01	4.300E+01	4.697E+01	5.388E+01	1.616E+02	6.379E+02	3.759E+07	3.452E+13
Th-230	1.561E+03	1.324E+03	8.207E+02	5.535E+02	1.501E+02	7.935E+01	2.138E+01	1.483E+01
U-234	1.862E+03	1.598E+03	1.022E+03	8.183E+02	8.726E+02	9.434E+02	1.568E+03	2.149E+03
U-238	2.682E+02	2.626E+02	2.426E+02	2.311E+02	2.465E+02	2.673E+02	5.112E+02	1.151E+03

*At specific activity limit

Summed Dose/Source Ratios DSR(i,t) in (mrem/yr)/(pCi/g)
and Single Radionuclide Soil Guidelines G(i,t) in pCi/g
at tmin = time of minimum single radionuclide soil guideline
and at tmax = time of maximum total dose = 0.000E+00 years

Nuclide (i)	Initial (pCi/g)	tmin (years)	DSR(i,tmin)	G(i,tmin) (pCi/g)	DSR(i,tmax)	G(i,tmax) (pCi/g)
C-14	9.900E-01	0.000E+00	3.276E-02	7.632E+02	3.276E-02	7.632E+02
Co-60	1.500E-02	0.000E+00	8.049E+00	3.106E+00	8.049E+00	3.106E+00
Cs-137	2.070E-03	0.000E+00	1.801E+00	1.388E+01	1.801E+00	1.388E+01
Eu-152	9.240E-02	0.000E+00	3.624E+00	6.898E+00	3.624E+00	6.898E+00
Eu-154	4.770E-02	0.000E+00	3.905E+00	6.401E+00	3.905E+00	6.401E+00
Gd-152	9.240E-02	0.000E+00	9.115E-03	*2.179E+01	9.115E-03	*2.179E+01
H-3	8.208E+01	0.000E+00	3.700E-03	6.756E+03	3.700E-03	6.756E+03
Ni-63	5.400E-01	0.000E+00	3.680E-04	6.794E+04	3.680E-04	6.794E+04
Pb-210	2.200E-01	0.000E+00	9.539E-01	2.621E+01	9.539E-01	2.621E+01
Ra-226	2.200E-01	37.24 ± 0.07	7.067E+00	3.537E+00	6.612E+00	3.781E+00
Sr-90	1.470E-01	0.000E+00	5.912E-01	4.229E+01	5.912E-01	4.229E+01
Th-230	2.730E-02	1.000E+03	1.686E+00	1.483E+01	1.602E-02	1.561E+03
U-234	2.730E-02	8.32 ± 0.02	3.064E-02	8.161E+02	1.343E-02	1.862E+03
U-238	2.730E-02	8.26 ± 0.02	1.085E-01	2.304E+02	9.323E-02	2.682E+02

*At specific activity limit

Summary : IV/FSS_SU 7A_Sys_Res_Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\IR_FSS_SU 7A_SYSTEMATIC_RESIDENTIAL_BKGD SUBTRACT.RAD

Individual Nuclide Dose Summed Over All Pathways
Parent Nuclide and Branch Fraction Indicated

Nuclide (j)	Parent (i)	THF(i)	DOSE(j,t), mrem/yr t= 0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
C-14	C-14	1.000E+00	3.243E-02	5.344E-03	2.798E-06	2.190E-10	0.000E+00	0.000E+00	0.000E+00	0.000E+00
Co-60	Co-60	1.000E+00	1.207E-01	1.058E-01	6.253E-02	3.239E-02	1.677E-04	2.329E-07	3.218E-30	0.000E+00
Cs-137	Cs-137	1.000E+00	3.729E-03	3.643E-03	3.320E-03	2.955E-03	1.166E-03	3.644E-04	3.321E-08	2.958E-13
Eu-152	Eu-152	7.208E-01	2.414E-01	2.291E-01	1.860E-01	1.434E-01	1.784E-02	1.319E-03	1.175E-12	5.718E-24
Eu-152	Eu-152	2.792E-01	9.350E-02	8.875E-02	7.206E-02	5.553E-02	6.911E-03	5.108E-04	4.551E-13	2.215E-24
Eu-152	∑DOSE(j)		3.349E-01	3.179E-01	2.581E-01	1.989E-01	2.475E-02	1.830E-03	1.630E-12	7.932E-24
Gd-152	Eu-152	2.792E-01	7.416E-19	2.174E-18	7.213E-18	1.220E-17	2.679E-17	2.858E-17	2.763E-17	2.631E-17
Gd-152	Gd-152	1.000E+00	8.422E-04	8.421E-04	8.418E-04	8.414E-04	8.381E-04	8.340E-04	8.019E-04	7.635E-04
Gd-152	∑DOSE(j)		8.422E-04	8.421E-04	8.418E-04	8.414E-04	8.381E-04	8.340E-04	8.019E-04	7.635E-04
Eu-154	Eu-154	1.000E+00	1.863E-01	1.722E-01	1.256E-01	8.466E-02	3.611E-03	7.001E-05	1.396E-18	0.000E+00
H-3	H-3	1.000E+00	3.037E-01	1.045E-01	1.313E-03	5.501E-06	4.373E-25	0.000E+00	0.000E+00	0.000E+00
Ni-63	Ni-63	1.000E+00	1.987E-04	1.973E-04	1.916E-04	1.847E-04	1.379E-04	9.574E-05	5.161E-06	1.341E-07
Pb-210	Pb-210	1.000E+00	2.099E-01	2.060E-01	1.910E-01	1.731E-01	5.293E-02	1.074E-02	3.091E-08	3.659E-15
Pb-210	Ra-226	1.000E+00	3.866E-03	1.055E-02	3.686E-02	6.949E-02	1.971E-01	2.211E-01	1.227E-01	5.504E-02
Pb-210	Th-230	1.000E+00	7.532E-08	4.650E-07	5.538E-06	1.969E-05	3.364E-04	9.042E-04	4.449E-03	6.505E-03
Pb-210	U-234	1.000E+00	4.582E-12	1.462E-11	1.419E-10	6.982E-10	5.621E-08	3.229E-07	8.445E-06	2.213E-05
Pb-210	U-238	9.999E-01	5.786E-12	1.812E-11	6.466E-11	1.591E-10	1.322E-09	2.574E-09	1.346E-08	3.176E-08
Pb-210	∑DOSE(j)		2.137E-01	2.166E-01	2.278E-01	2.426E-01	2.503E-01	2.328E-01	1.271E-01	6.157E-02
Ra-226	Ra-226	1.000E+00	1.451E+00	1.450E+00	1.445E+00	1.439E+00	1.352E+00	1.249E+00	6.619E-01	2.993E-01
Ra-226	Th-230	1.000E+00	3.876E-05	1.167E-04	4.277E-04	8.150E-04	3.812E-03	7.299E-03	2.707E-02	3.913E-02
Ra-226	U-234	1.000E+00	1.171E-10	8.185E-10	1.062E-08	3.851E-08	8.558E-07	3.216E-06	5.288E-05	1.309E-04
Ra-226	U-238	9.999E-01	1.369E-12	4.322E-12	1.550E-11	3.940E-11	3.793E-10	9.590E-10	2.582E-08	1.093E-07
Ra-226	∑DOSE(j)		1.451E+00	1.450E+00	1.445E+00	1.440E+00	1.356E+00	1.256E+00	6.891E-01	3.385E-01
Sr-90	Sr-90	1.000E+00	8.690E-02	8.547E-02	7.824E-02	6.821E-02	2.274E-02	5.761E-03	9.777E-08	1.065E-13
Th-230	Th-230	1.000E+00	3.984E-04	3.984E-04	3.984E-04	3.983E-04	3.982E-04	3.980E-04	3.963E-04	3.943E-04
Th-230	U-234	1.000E+00	1.872E-09	5.469E-09	1.976E-08	3.749E-08	1.743E-07	3.332E-07	1.229E-06	1.770E-06
Th-230	U-238	9.999E-01	2.474E-15	1.430E-14	1.625E-13	5.772E-13	1.248E-11	4.653E-11	7.582E-10	1.868E-09
Th-230	∑DOSE(j)		3.984E-04	3.984E-04	3.984E-04	3.984E-04	3.984E-04	3.983E-04	3.976E-04	3.961E-04
U-234	U-234	1.000E+00	3.666E-04	4.270E-04	6.677E-04	8.340E-04	7.811E-04	7.196E-04	3.726E-04	1.628E-04
U-234	U-238	9.999E-01	5.339E-10	1.830E-09	1.042E-08	2.482E-08	1.118E-07	2.050E-07	5.291E-07	4.625E-07
U-234	∑DOSE(j)		3.666E-04	4.270E-04	6.677E-04	8.340E-04	7.812E-04	7.198E-04	3.732E-04	1.633E-04
U-238	U-238	5.400E-05	1.761E-08	2.055E-08	3.226E-08	4.036E-08	3.780E-08	3.483E-08	1.805E-08	7.900E-09
U-238	U-238	9.999E-01	2.545E-03	2.599E-03	2.813E-03	2.954E-03	2.768E-03	2.553E-03	1.335E-03	5.924E-04
U-238	∑DOSE(j)		2.545E-03	2.599E-03	2.813E-03	2.954E-03	2.768E-03	2.553E-03	1.335E-03	5.925E-04

THF(i) is the thread fraction of the parent nuclide.

Summary : IV/FSS_SU 7A_Sys_Res_Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\IR_FSS_SU 7A_SYSTEMATIC_RESIDENTIAL_BKGD SUBTRACT.RAD

Individual Nuclide Soil Concentration
Parent Nuclide and Branch Fraction Indicated

Nuclide (j)	Parent (i)	THF(i)	S(j,t), pCi/g t= 0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
C-14	C-14	1.000E+00	9.900E-01	1.500E-01	7.851E-05	6.144E-09	5.325E-42	0.000E+00	0.000E+00	0.000E+00
Co-60	Co-60	1.000E+00	1.500E-02	1.315E-02	7.769E-03	4.024E-03	2.084E-05	2.894E-08	4.011E-31	0.000E+00
Cs-137	Cs-137	1.000E+00	2.070E-03	2.022E-03	1.843E-03	1.640E-03	6.471E-04	2.023E-04	1.844E-08	1.642E-13
Eu-152	Eu-152	7.208E-01	6.660E-02	6.322E-02	5.133E-02	3.956E-02	4.923E-03	3.639E-04	3.241E-13	1.578E-24
Eu-152	Eu-152	2.792E-01	2.580E-02	2.449E-02	1.988E-02	1.532E-02	1.907E-03	1.409E-04	1.256E-13	6.111E-25
Eu-152	∑S(j):		9.240E-02	8.771E-02	7.121E-02	5.488E-02	6.830E-03	5.048E-04	4.497E-13	2.189E-24
Gd-152	Eu-152	2.792E-01	0.000E+00	1.613E-16	7.286E-16	1.290E-15	2.933E-15	3.136E-15	3.032E-15	2.887E-15
Gd-152	Gd-152	1.000E+00	9.240E-02	9.239E-02	9.235E-02	9.231E-02	9.195E-02	9.150E-02	8.798E-02	8.377E-02
Gd-152	∑S(j):		9.240E-02	9.239E-02	9.235E-02	9.231E-02	9.195E-02	9.150E-02	8.798E-02	8.377E-02
Eu-154	Eu-154	1.000E+00	4.770E-02	4.408E-02	3.216E-02	2.168E-02	9.247E-04	1.793E-05	3.575E-19	2.679E-36
H-3	H-3	1.000E+00	8.208E+01	2.749E+01	3.455E-01	1.447E-03	1.153E-22	0.000E+00	0.000E+00	0.000E+00
Ni-63	Ni-63	1.000E+00	5.400E-01	5.361E-01	5.206E-01	5.020E-01	3.748E-01	2.602E-01	1.403E-02	3.644E-04
Pb-210	Pb-210	1.000E+00	2.200E-01	2.131E-01	1.876E-01	1.599E-01	4.466E-02	9.066E-03	2.614E-08	3.107E-15
Pb-210	Ra-226	1.000E+00	0.000E+00	6.725E-03	3.148E-02	5.806E-02	1.626E-01	1.832E-01	1.021E-01	4.615E-02
Pb-210	Th-230	1.000E+00	0.000E+00	1.818E-07	4.349E-06	1.648E-05	2.799E-04	7.567E-04	3.796E-03	5.664E-03
Pb-210	U-234	1.000E+00	0.000E+00	5.467E-13	6.601E-11	5.061E-10	4.631E-08	2.664E-07	7.015E-06	1.849E-05
Pb-210	U-238	9.999E-01	0.000E+00	3.880E-19	2.356E-16	3.636E-15	1.742E-12	2.085E-11	2.918E-09	1.454E-08
Pb-210	∑S(j):		2.200E-01	2.198E-01	2.191E-01	2.180E-01	2.076E-01	1.931E-01	1.059E-01	5.184E-02
Ra-226	Ra-226	1.000E+00	2.200E-01	2.197E-01	2.183E-01	2.165E-01	2.032E-01	1.877E-01	9.949E-02	4.500E-02
Ra-226	Th-230	1.000E+00	0.000E+00	1.182E-05	5.890E-05	1.173E-04	5.683E-04	1.093E-03	4.070E-03	5.890E-03
Ra-226	U-234	1.000E+00	0.000E+00	5.318E-11	1.324E-09	5.267E-09	1.262E-07	4.786E-07	7.931E-06	1.965E-05
Ra-226	U-238	9.999E-01	0.000E+00	5.024E-17	6.250E-15	4.970E-14	5.920E-12	4.460E-11	3.482E-09	1.585E-08
Ra-226	∑S(j):		2.200E-01	2.197E-01	2.183E-01	2.167E-01	2.038E-01	1.888E-01	1.036E-01	5.091E-02
Sr-90	Sr-90	1.000E+00	1.470E-01	1.430E-01	1.281E-01	1.117E-01	3.725E-02	9.437E-03	1.603E-07	1.748E-13
Th-230	Th-230	1.000E+00	2.730E-02	2.730E-02	2.730E-02	2.730E-02	2.729E-02	2.727E-02	2.716E-02	2.702E-02
Th-230	U-234	1.000E+00	0.000E+00	2.456E-07	1.224E-06	2.438E-06	1.180E-05	2.268E-05	8.402E-05	1.210E-04
Th-230	U-238	9.999E-01	0.000E+00	3.480E-13	8.661E-12	3.446E-11	8.252E-10	3.129E-09	5.168E-08	1.276E-07
Th-230	∑S(j):		2.730E-02	2.730E-02	2.730E-02	2.730E-02	2.730E-02	2.729E-02	2.724E-02	2.714E-02
U-234	U-234	1.000E+00	2.730E-02	2.726E-02	2.708E-02	2.686E-02	2.518E-02	2.322E-02	1.216E-02	5.420E-03
U-234	U-238	9.999E-01	0.000E+00	7.727E-08	3.838E-07	7.615E-07	3.569E-06	6.585E-06	1.725E-05	1.539E-05
U-234	∑S(j):		2.730E-02	2.726E-02	2.708E-02	2.686E-02	2.518E-02	2.323E-02	1.218E-02	5.435E-03
U-238	U-238	5.400E-05	1.474E-06	1.472E-06	1.462E-06	1.451E-06	1.360E-06	1.254E-06	6.578E-07	2.935E-07
U-238	U-238	9.999E-01	2.730E-02	2.725E-02	2.708E-02	2.686E-02	2.518E-02	2.323E-02	1.218E-02	5.435E-03
U-238	∑S(j):		2.730E-02	2.726E-02	2.708E-02	2.686E-02	2.518E-02	2.323E-02	1.218E-02	5.435E-03

THF(i) is the thread fraction of the parent nuclide.

RESCALC.EXE execution time = 19.59 seconds

Summary : IR/FSS_7A B01_Ind_Avg Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\IR_FSS_SU7A B01_IND_AVG BKGD SUBTRACT.RAD

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Dose Conversion Factor (and Related) Parameter Summary
Dose Library: FGR 11

Menu	Parameter	Current Value#	Base Case*	Parameter Name
A-1	DCF's for external ground radiation, (mrem/yr)/(pCi/g)			
A-1	Ac-227 (Source: FGR 12)	4.951E-04	4.951E-04	DCF1(1)
A-1	At-218 (Source: FGR 12)	5.847E-03	5.847E-03	DCF1(2)
A-1	Ba-137m (Source: FGR 12)	3.606E+00	3.606E+00	DCF1(3)
A-1	Bi-210 (Source: FGR 12)	3.606E-03	3.606E-03	DCF1(4)
A-1	Bi-211 (Source: FGR 12)	2.559E-01	2.559E-01	DCF1(5)
A-1	Bi-214 (Source: FGR 12)	9.808E+00	9.808E+00	DCF1(6)
A-1	C-14 (Source: FGR 12)	1.345E-05	1.345E-05	DCF1(7)
A-1	Cs-137 (Source: FGR 12)	7.510E-04	7.510E-04	DCF1(8)
A-1	Eu-154 (Source: FGR 12)	7.678E+00	7.678E+00	DCF1(9)
A-1	Fr-223 (Source: FGR 12)	1.980E-01	1.980E-01	DCF1(10)
A-1	H-3 (Source: FGR 12)	0.000E+00	0.000E+00	DCF1(11)
A-1	Ni-63 (Source: FGR 12)	0.000E+00	0.000E+00	DCF1(12)
A-1	Pa-231 (Source: FGR 12)	1.906E-01	1.906E-01	DCF1(13)
A-1	Pa-234 (Source: FGR 12)	1.155E+01	1.155E+01	DCF1(14)
A-1	Pa-234m (Source: FGR 12)	8.967E-02	8.967E-02	DCF1(15)
A-1	Pb-210 (Source: FGR 12)	2.447E-03	2.447E-03	DCF1(16)
A-1	Pb-211 (Source: FGR 12)	3.064E-01	3.064E-01	DCF1(17)
A-1	Pb-214 (Source: FGR 12)	1.341E+00	1.341E+00	DCF1(18)
A-1	Po-210 (Source: FGR 12)	5.231E-05	5.231E-05	DCF1(19)
A-1	Po-211 (Source: FGR 12)	4.764E-02	4.764E-02	DCF1(20)
A-1	Po-214 (Source: FGR 12)	5.138E-04	5.138E-04	DCF1(21)
A-1	Po-215 (Source: FGR 12)	1.016E-03	1.016E-03	DCF1(22)
A-1	Po-218 (Source: FGR 12)	5.642E-05	5.642E-05	DCF1(23)
A-1	Ra-223 (Source: FGR 12)	6.034E-01	6.034E-01	DCF1(24)
A-1	Ra-226 (Source: FGR 12)	3.176E-02	3.176E-02	DCF1(25)
A-1	Rn-219 (Source: FGR 12)	3.083E-01	3.083E-01	DCF1(26)
A-1	Rn-222 (Source: FGR 12)	2.354E-03	2.354E-03	DCF1(27)
A-1	Sr-90 (Source: FGR 12)	7.043E-04	7.043E-04	DCF1(28)
A-1	Th-227 (Source: FGR 12)	5.212E-01	5.212E-01	DCF1(29)
A-1	Th-230 (Source: FGR 12)	1.209E-03	1.209E-03	DCF1(30)
A-1	Th-231 (Source: FGR 12)	3.643E-02	3.643E-02	DCF1(31)
A-1	Th-234 (Source: FGR 12)	2.410E-02	2.410E-02	DCF1(32)
A-1	Tl-207 (Source: FGR 12)	1.980E-02	1.980E-02	DCF1(33)
A-1	Tl-210 (Source: no data)	0.000E+00	-2.000E+00	DCF1(34)
A-1	U-234 (Source: FGR 12)	4.017E-04	4.017E-04	DCF1(35)
A-1	U-235 (Source: FGR 12)	7.211E-01	7.211E-01	DCF1(36)
A-1	U-238 (Source: FGR 12)	1.031E-04	1.031E-04	DCF1(37)
A-1	Y-90 (Source: FGR 12)	2.391E-02	2.391E-02	DCF1(38)
B-1	Dose conversion factors for inhalation, mrem/pCi:			
B-1	Ac-227+D	6.724E+00	6.700E+00	DCF2(1)
B-1	C-14(p) (Class: ORGANIC)	2.090E-06	2.090E-06	DCF2(2)
B-1	C-14(g) (Class: CO2)	2.350E-08	2.350E-08	C14GInhDCF
B-1	Cs-137+D	3.190E-05	3.190E-05	DCF2(3)
B-1	Eu-154	2.860E-04	2.860E-04	DCF2(4)
B-1	H-3	6.400E-08	6.400E-08	DCF2(5)
B-1	Ni-63	6.290E-06	6.290E-06	DCF2(6)
B-1	Pa-231	1.280E+00	1.280E+00	DCF2(7)
B-1	Pb-210+D	2.320E-02	1.360E-02	DCF2(8)

Dose Conversion Factor (and Related) Parameter Summary (continued)
Dose Library: FGR 11

Menu	Parameter	Current Value#	Base Case*	Parameter Name
B-1	Ra-226+D	8.594E-03	8.580E-03	DCF2(9)
B-1	Sr-90+D	1.308E-03	1.300E-03	DCF2(10)
B-1	Th-230	3.260E-01	3.260E-01	DCF2(11)
B-1	U-234	1.320E-01	1.320E-01	DCF2(12)
B-1	U-235+D	1.230E-01	1.230E-01	DCF2(13)
B-1	U-238	1.180E-01	1.180E-01	DCF2(14)
B-1	U-238+D	1.180E-01	1.180E-01	DCF2(15)
D-1	Dose conversion factors for ingestion, mrem/pCi:			
D-1	Ac-227+D	1.480E-02	1.410E-02	DCF3(1)
D-1	C-14	2.090E-06	2.090E-06	DCF3(2)
D-1	Cs-137+D	5.000E-05	5.000E-05	DCF3(3)
D-1	Eu-154	9.550E-06	9.550E-06	DCF3(4)
D-1	H-3	6.400E-08	6.400E-08	DCF3(5)
D-1	Ni-63	5.770E-07	5.770E-07	DCF3(6)
D-1	Pa-231	1.060E-02	1.060E-02	DCF3(7)
D-1	Pb-210+D	7.276E-03	5.370E-03	DCF3(8)
D-1	Ra-226+D	1.321E-03	1.320E-03	DCF3(9)
D-1	Sr-90+D	1.528E-04	1.420E-04	DCF3(10)
D-1	Th-230	5.480E-04	5.480E-04	DCF3(11)
D-1	U-234	2.830E-04	2.830E-04	DCF3(12)
D-1	U-235+D	2.673E-04	2.660E-04	DCF3(13)
D-1	U-238	2.550E-04	2.550E-04	DCF3(14)
D-1	U-238+D	2.687E-04	2.550E-04	DCF3(15)
D-34	Food transfer factors:			
D-34	Ac-227+D , plant/soil concentration ratio, dimensionless	2.500E-03	2.500E-03	RTF(1,1)
D-34	Ac-227+D , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	2.000E-05	2.000E-05	RTF(1,2)
D-34	Ac-227+D , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	2.000E-05	2.000E-05	RTF(1,3)
D-34				
D-34	C-14 , plant/soil concentration ratio, dimensionless	5.500E+00	5.500E+00	RTF(2,1)
D-34	C-14 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	3.100E-02	3.100E-02	RTF(2,2)
D-34	C-14 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	1.200E-02	1.200E-02	RTF(2,3)
D-34				
D-34	Cs-137+D , plant/soil concentration ratio, dimensionless	4.000E-02	4.000E-02	RTF(3,1)
D-34	Cs-137+D , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	3.000E-02	3.000E-02	RTF(3,2)
D-34	Cs-137+D , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	8.000E-03	8.000E-03	RTF(3,3)
D-34				
D-34	Eu-154 , plant/soil concentration ratio, dimensionless	2.500E-03	2.500E-03	RTF(4,1)
D-34	Eu-154 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	2.000E-03	2.000E-03	RTF(4,2)
D-34	Eu-154 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	5.000E-05	5.000E-05	RTF(4,3)
D-34				
D-34	H-3 , plant/soil concentration ratio, dimensionless	4.800E+00	4.800E+00	RTF(5,1)
D-34	H-3 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	1.200E-02	1.200E-02	RTF(5,2)
D-34	H-3 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	1.000E-02	1.000E-02	RTF(5,3)
D-34				
D-34	Ni-63 , plant/soil concentration ratio, dimensionless	5.000E-02	5.000E-02	RTF(6,1)
D-34	Ni-63 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	5.000E-03	5.000E-03	RTF(6,2)
D-34	Ni-63 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	2.000E-02	2.000E-02	RTF(6,3)
D-34				

Dose Conversion Factor (and Related) Parameter Summary (continued)
Dose Library: FGR 11

Menu	Parameter	Current Value#	Base Case*	Parameter Name
D-34	Pa-231 , plant/soil concentration ratio, dimensionless	1.000E-02	1.000E-02	RTF(7,1)
D-34	Pa-231 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	5.000E-03	5.000E-03	RTF(7,2)
D-34	Pa-231 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	5.000E-06	5.000E-06	RTF(7,3)
D-34				
D-34	Pb-210+D , plant/soil concentration ratio, dimensionless	1.000E-02	1.000E-02	RTF(8,1)
D-34	Pb-210+D , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	8.000E-04	8.000E-04	RTF(8,2)
D-34	Pb-210+D , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	3.000E-04	3.000E-04	RTF(8,3)
D-34				
D-34	Ra-226+D , plant/soil concentration ratio, dimensionless	4.000E-02	4.000E-02	RTF(9,1)
D-34	Ra-226+D , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	1.000E-03	1.000E-03	RTF(9,2)
D-34	Ra-226+D , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	1.000E-03	1.000E-03	RTF(9,3)
D-34				
D-34	Sr-90+D , plant/soil concentration ratio, dimensionless	3.000E-01	3.000E-01	RTF(10,1)
D-34	Sr-90+D , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	8.000E-03	8.000E-03	RTF(10,2)
D-34	Sr-90+D , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	2.000E-03	2.000E-03	RTF(10,3)
D-34				
D-34	Th-230 , plant/soil concentration ratio, dimensionless	1.000E-03	1.000E-03	RTF(11,1)
D-34	Th-230 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	1.000E-04	1.000E-04	RTF(11,2)
D-34	Th-230 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	5.000E-06	5.000E-06	RTF(11,3)
D-34				
D-34	U-234 , plant/soil concentration ratio, dimensionless	2.500E-03	2.500E-03	RTF(12,1)
D-34	U-234 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	3.400E-04	3.400E-04	RTF(12,2)
D-34	U-234 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	6.000E-04	6.000E-04	RTF(12,3)
D-34				
D-34	U-235+D , plant/soil concentration ratio, dimensionless	2.500E-03	2.500E-03	RTF(13,1)
D-34	U-235+D , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	3.400E-04	3.400E-04	RTF(13,2)
D-34	U-235+D , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	6.000E-04	6.000E-04	RTF(13,3)
D-34				
D-34	U-238 , plant/soil concentration ratio, dimensionless	2.500E-03	2.500E-03	RTF(14,1)
D-34	U-238 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	3.400E-04	3.400E-04	RTF(14,2)
D-34	U-238 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	6.000E-04	6.000E-04	RTF(14,3)
D-34				
D-34	U-238+D , plant/soil concentration ratio, dimensionless	2.500E-03	2.500E-03	RTF(15,1)
D-34	U-238+D , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	3.400E-04	3.400E-04	RTF(15,2)
D-34	U-238+D , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	6.000E-04	6.000E-04	RTF(15,3)
D-5	Bioaccumulation factors, fresh water, L/kg:			
D-5	Ac-227+D , fish	1.500E+01	1.500E+01	BIOFAC(1,1)
D-5	Ac-227+D , crustacea and mollusks	1.000E+03	1.000E+03	BIOFAC(1,2)
D-5				
D-5	C-14 , fish	5.000E+04	5.000E+04	BIOFAC(2,1)
D-5	C-14 , crustacea and mollusks	9.100E+03	9.100E+03	BIOFAC(2,2)
D-5				
D-5	Cs-137+D , fish	2.000E+03	2.000E+03	BIOFAC(3,1)
D-5	Cs-137+D , crustacea and mollusks	1.000E+02	1.000E+02	BIOFAC(3,2)
D-5				
D-5	Eu-154 , fish	5.000E+01	5.000E+01	BIOFAC(4,1)
D-5	Eu-154 , crustacea and mollusks	1.000E+03	1.000E+03	BIOFAC(4,2)
D-5				

Dose Conversion Factor (and Related) Parameter Summary (continued)
Dose Library: FGR 11

Menu	Parameter	Current Value#	Base Case*	Parameter Name
D-5	H-3 , fish	1.000E+00	1.000E+00	BIOFAC(5,1)
D-5	H-3 , crustacea and mollusks	1.000E+00	1.000E+00	BIOFAC(5,2)
D-5				
D-5	Ni-63 , fish	1.000E+02	1.000E+02	BIOFAC(6,1)
D-5	Ni-63 , crustacea and mollusks	1.000E+02	1.000E+02	BIOFAC(6,2)
D-5				
D-5	Pa-231 , fish	1.000E+01	1.000E+01	BIOFAC(7,1)
D-5	Pa-231 , crustacea and mollusks	1.100E+02	1.100E+02	BIOFAC(7,2)
D-5				
D-5	Pb-210+D , fish	3.000E+02	3.000E+02	BIOFAC(8,1)
D-5	Pb-210+D , crustacea and mollusks	1.000E+02	1.000E+02	BIOFAC(8,2)
D-5				
D-5	Ra-226+D , fish	5.000E+01	5.000E+01	BIOFAC(9,1)
D-5	Ra-226+D , crustacea and mollusks	2.500E+02	2.500E+02	BIOFAC(9,2)
D-5				
D-5	Sr-90+D , fish	6.000E+01	6.000E+01	BIOFAC(10,1)
D-5	Sr-90+D , crustacea and mollusks	1.000E+02	1.000E+02	BIOFAC(10,2)
D-5				
D-5	Th-230 , fish	1.000E+02	1.000E+02	BIOFAC(11,1)
D-5	Th-230 , crustacea and mollusks	5.000E+02	5.000E+02	BIOFAC(11,2)
D-5				
D-5	U-234 , fish	1.000E+01	1.000E+01	BIOFAC(12,1)
D-5	U-234 , crustacea and mollusks	6.000E+01	6.000E+01	BIOFAC(12,2)
D-5				
D-5	U-235+D , fish	1.000E+01	1.000E+01	BIOFAC(13,1)
D-5	U-235+D , crustacea and mollusks	6.000E+01	6.000E+01	BIOFAC(13,2)
D-5				
D-5	U-238 , fish	1.000E+01	1.000E+01	BIOFAC(14,1)
D-5	U-238 , crustacea and mollusks	6.000E+01	6.000E+01	BIOFAC(14,2)
D-5				
D-5	U-238+D , fish	1.000E+01	1.000E+01	BIOFAC(15,1)
D-5	U-238+D , crustacea and mollusks	6.000E+01	6.000E+01	BIOFAC(15,2)

#For DCF1(xxx) only, factors are for infinite depth & area. See ETFG table in Ground Pathway of Detailed Report.
*Base Case means Default.Lib w/o Associate Nuclide contributions.

Summary : IR/FSS_7A B01_Ind_Avg Bkgd Subtract
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Site-Specific Parameter Summary

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R011	Area of contaminated zone (m**2)	1.000E+00	1.000E+04	---	AREA
R011	Thickness of contaminated zone (m)	2.000E+00	2.000E+00	---	THICK0
R011	Fraction of contamination that is submerged	0.000E+00	0.000E+00	---	SUBMFRACT
R011	Length parallel to aquifer flow (m)	1.000E+00	1.000E+02	---	LCZPAQ
R011	Basic radiation dose limit (mrem/yr)	2.500E+01	3.000E+01	---	BRDL
R011	Time since placement of material (yr)	0.000E+00	0.000E+00	---	TI
R011	Times for calculations (yr)	1.000E+00	1.000E+00	---	T(2)
R011	Times for calculations (yr)	5.000E+00	3.000E+00	---	T(3)
R011	Times for calculations (yr)	1.000E+01	1.000E+01	---	T(4)
R011	Times for calculations (yr)	5.000E+01	3.000E+01	---	T(5)
R011	Times for calculations (yr)	1.000E+02	1.000E+02	---	T(6)
R011	Times for calculations (yr)	5.000E+02	3.000E+02	---	T(7)
R011	Times for calculations (yr)	1.000E+03	1.000E+03	---	T(8)
R011	Times for calculations (yr)	not used	0.000E+00	---	T(9)
R011	Times for calculations (yr)	not used	0.000E+00	---	T(10)
R012	Initial principal radionuclide (pCi/g): Ac-227	8.000E-04	0.000E+00	---	S1(1)
R012	Initial principal radionuclide (pCi/g): C-14	1.160E+00	0.000E+00	---	S1(2)
R012	Initial principal radionuclide (pCi/g): Cs-137	4.050E+00	0.000E+00	---	S1(3)
R012	Initial principal radionuclide (pCi/g): Eu-154	8.010E-02	0.000E+00	---	S1(4)
R012	Initial principal radionuclide (pCi/g): H-3	4.120E+01	0.000E+00	---	S1(5)
R012	Initial principal radionuclide (pCi/g): Ni-63	1.010E+00	0.000E+00	---	S1(6)
R012	Initial principal radionuclide (pCi/g): Pa-231	8.000E-04	0.000E+00	---	S1(7)
R012	Initial principal radionuclide (pCi/g): Pb-210	2.720E-01	0.000E+00	---	S1(8)
R012	Initial principal radionuclide (pCi/g): Ra-226	2.720E-01	0.000E+00	---	S1(9)
R012	Initial principal radionuclide (pCi/g): Sr-90	7.520E+00	0.000E+00	---	S1(10)
R012	Initial principal radionuclide (pCi/g): Th-230	5.900E-02	0.000E+00	---	S1(11)
R012	Initial principal radionuclide (pCi/g): U-234	5.900E-02	0.000E+00	---	S1(12)
R012	Initial principal radionuclide (pCi/g): U-235	8.000E-04	0.000E+00	---	S1(13)
R012	Initial principal radionuclide (pCi/g): U-238	5.900E-02	0.000E+00	---	S1(14)
R012	Concentration in groundwater (pCi/L): Ac-227	not used	0.000E+00	---	W1(1)
R012	Concentration in groundwater (pCi/L): C-14	not used	0.000E+00	---	W1(2)
R012	Concentration in groundwater (pCi/L): Cs-137	not used	0.000E+00	---	W1(3)
R012	Concentration in groundwater (pCi/L): Eu-154	not used	0.000E+00	---	W1(4)
R012	Concentration in groundwater (pCi/L): H-3	not used	0.000E+00	---	W1(5)
R012	Concentration in groundwater (pCi/L): Ni-63	not used	0.000E+00	---	W1(6)
R012	Concentration in groundwater (pCi/L): Pa-231	not used	0.000E+00	---	W1(7)
R012	Concentration in groundwater (pCi/L): Pb-210	not used	0.000E+00	---	W1(8)
R012	Concentration in groundwater (pCi/L): Ra-226	not used	0.000E+00	---	W1(9)
R012	Concentration in groundwater (pCi/L): Sr-90	not used	0.000E+00	---	W1(10)
R012	Concentration in groundwater (pCi/L): Th-230	not used	0.000E+00	---	W1(11)
R012	Concentration in groundwater (pCi/L): U-234	not used	0.000E+00	---	W1(12)
R012	Concentration in groundwater (pCi/L): U-235	not used	0.000E+00	---	W1(13)
R012	Concentration in groundwater (pCi/L): U-238	not used	0.000E+00	---	W1(14)
R013	Cover depth (m)	0.000E+00	0.000E+00	---	COVER0
R013	Density of cover material (g/cm**3)	not used	1.500E+00	---	DENSCV
R013	Cover depth erosion rate (m/yr)	not used	1.000E-03	---	VCV
R013	Density of contaminated zone (g/cm**3)	1.660E+00	1.500E+00	---	DENSCZ
R013	Contaminated zone erosion rate (m/yr)	1.000E-03	1.000E-03	---	VCZ

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Site-Specific Parameter Summary (continued)

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R013	Contaminated zone total porosity	3.300E-01	4.000E-01	---	TPCZ
R013	Contaminated zone field capacity	2.400E-01	2.000E-01	---	FCCZ
R013	Contaminated zone hydraulic conductivity (m/yr)	5.000E+03	1.000E+01	---	HCCZ
R013	Contaminated zone b parameter	4.900E+00	5.300E+00	---	BCZ
R013	Average annual wind speed (m/sec)	6.230E+00	2.000E+00	---	WIND
R013	Humidity in air (g/m**3)	8.000E+00	8.000E+00	---	HUMID
R013	Evapotranspiration coefficient	4.600E-01	5.000E-01	---	EVAPTR
R013	Precipitation (m/yr)	1.230E+00	1.000E+00	---	PRECIP
R013	Irrigation (m/yr)	2.600E-01	2.000E-01	---	RI
R013	Irrigation mode	overhead	overhead	---	IDITCH
R013	Runoff coefficient	2.000E-01	2.000E-01	---	RUNOFF
R013	Watershed area for nearby stream or pond (m**2)	1.000E+06	1.000E+06	---	WAREA
R013	Accuracy for water/soil computations	1.000E-03	1.000E-03	Romberg failures occurred	EPS
R014	Density of saturated zone (g/cm**3)	1.660E+00	1.500E+00	---	DENSAQ
R014	Saturated zone total porosity	3.300E-01	4.000E-01	---	TPSZ
R014	Saturated zone effective porosity	2.400E-01	2.000E-01	---	EPSZ
R014	Saturated zone field capacity	2.000E-01	2.000E-01	---	FCSZ
R014	Saturated zone hydraulic conductivity (m/yr)	2.000E+04	1.000E+02	---	HCSZ
R014	Saturated zone hydraulic gradient	4.800E-03	2.000E-02	---	HGWT
R014	Saturated zone b parameter	4.900E+00	5.300E+00	---	BSZ
R014	Water table drop rate (m/yr)	1.000E-03	1.000E-03	---	VWT
R014	Well pump intake depth (m below water table)	1.800E+01	1.000E+01	---	DWIBWT
R014	Model: Nondispersion (ND) or Mass-Balance (MB)	ND	ND	---	MODEL
R014	Well pumping rate (m**3/yr)	2.500E+02	2.500E+02	---	UW
R015	Number of unsaturated zone strata	1	1	---	NS
R015	Unsat. zone 1, thickness (m)	0.000E+00	4.000E+00	---	H(1)
R015	Unsat. zone 1, soil density (g/cm**3)	1.660E+00	1.500E+00	---	DENSUZ(1)
R015	Unsat. zone 1, total porosity	3.300E-01	4.000E-01	---	TPUZ(1)
R015	Unsat. zone 1, effective porosity	2.400E-01	2.000E-01	---	EPUZ(1)
R015	Unsat. zone 1, field capacity	2.000E-01	2.000E-01	---	FCUZ(1)
R015	Unsat. zone 1, soil-specific b parameter	4.900E+00	5.300E+00	---	BUZ(1)
R015	Unsat. zone 1, hydraulic conductivity (m/yr)	5.000E+03	1.000E+01	---	HCUZ(1)
R016	Distribution coefficients for Ac-227				
R016	Contaminated zone (cm**3/g)	2.000E+01	2.000E+01	---	DCNUCC(1)
R016	Unsaturated zone 1 (cm**3/g)	2.000E+01	2.000E+01	---	DCNUCU(1,1)
R016	Saturated zone (cm**3/g)	2.000E+01	2.000E+01	---	DCNUCS(1)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	1.004E-02	ALEACH(1)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(1)
R016	Distribution coefficients for C-14				
R016	Contaminated zone (cm**3/g)	0.000E+00	0.000E+00	---	DCNUCC(2)
R016	Unsaturated zone 1 (cm**3/g)	0.000E+00	0.000E+00	---	DCNUCU(2,1)
R016	Saturated zone (cm**3/g)	0.000E+00	0.000E+00	---	DCNUCS(2)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	1.399E+00	ALEACH(2)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(2)

Site-Specific Parameter Summary (continued)

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R016	Distribution coefficients for Cs-137				
R016	Contaminated zone (cm**3/g)	5.300E+02	4.600E+03	---	DCNUCC(3)
R016	Unsaturated zone 1 (cm**3/g)	5.300E+02	4.600E+03	---	DCNUCU(3,1)
R016	Saturated zone (cm**3/g)	5.300E+02	4.600E+03	---	DCNUCS(3)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	3.817E-04	ALEACH(3)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(3)
R016	Distribution coefficients for Eu-154				
R016	Contaminated zone (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCC(4)
R016	Unsaturated zone 1 (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCU(4,1)
R016	Saturated zone (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCS(4)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	2.453E-04	ALEACH(4)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(4)
R016	Distribution coefficients for H-3				
R016	Contaminated zone (cm**3/g)	0.000E+00	0.000E+00	---	DCNUCC(5)
R016	Unsaturated zone 1 (cm**3/g)	0.000E+00	0.000E+00	---	DCNUCU(5,1)
R016	Saturated zone (cm**3/g)	0.000E+00	0.000E+00	---	DCNUCS(5)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	1.399E+00	ALEACH(5)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(5)
R016	Distribution coefficients for Ni-63				
R016	Contaminated zone (cm**3/g)	1.000E+03	1.000E+03	---	DCNUCC(6)
R016	Unsaturated zone 1 (cm**3/g)	1.000E+03	1.000E+03	---	DCNUCU(6,1)
R016	Saturated zone (cm**3/g)	1.000E+03	1.000E+03	---	DCNUCS(6)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	2.023E-04	ALEACH(6)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(6)
R016	Distribution coefficients for Pa-231				
R016	Contaminated zone (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCC(7)
R016	Unsaturated zone 1 (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCU(7,1)
R016	Saturated zone (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCS(7)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	4.035E-03	ALEACH(7)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(7)
R016	Distribution coefficients for Pb-210				
R016	Contaminated zone (cm**3/g)	1.000E+02	1.000E+02	---	DCNUCC(8)
R016	Unsaturated zone 1 (cm**3/g)	1.000E+02	1.000E+02	---	DCNUCU(8,1)
R016	Saturated zone (cm**3/g)	1.000E+02	1.000E+02	---	DCNUCS(8)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	2.020E-03	ALEACH(8)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(8)
R016	Distribution coefficients for Ra-226				
R016	Contaminated zone (cm**3/g)	7.000E+01	7.000E+01	---	DCNUCC(9)
R016	Unsaturated zone 1 (cm**3/g)	7.000E+01	7.000E+01	---	DCNUCU(9,1)
R016	Saturated zone (cm**3/g)	7.000E+01	7.000E+01	---	DCNUCS(9)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	2.885E-03	ALEACH(9)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(9)

Site-Specific Parameter Summary (continued)

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R016	Distribution coefficients for Sr-90				
R016	Contaminated zone (cm**3/g)	2.200E+01	3.000E+01	---	DCNUCC(10)
R016	Unsaturated zone 1 (cm**3/g)	2.200E+01	3.000E+01	---	DCNUCU(10,1)
R016	Saturated zone (cm**3/g)	2.200E+01	3.000E+01	---	DCNUCS(10)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	9.137E-03	ALEACH(10)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(10)
R016	Distribution coefficients for Th-230				
R016	Contaminated zone (cm**3/g)	6.000E+04	6.000E+04	---	DCNUCC(11)
R016	Unsaturated zone 1 (cm**3/g)	6.000E+04	6.000E+04	---	DCNUCU(11,1)
R016	Saturated zone (cm**3/g)	6.000E+04	6.000E+04	---	DCNUCS(11)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	3.372E-06	ALEACH(11)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(11)
R016	Distribution coefficients for U-234				
R016	Contaminated zone (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCC(12)
R016	Unsaturated zone 1 (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCU(12,1)
R016	Saturated zone (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCS(12)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	4.035E-03	ALEACH(12)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(12)
R016	Distribution coefficients for U-235				
R016	Contaminated zone (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCC(13)
R016	Unsaturated zone 1 (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCU(13,1)
R016	Saturated zone (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCS(13)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	4.035E-03	ALEACH(13)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(13)
R016	Distribution coefficients for U-238				
R016	Contaminated zone (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCC(14)
R016	Unsaturated zone 1 (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCU(14,1)
R016	Saturated zone (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCS(14)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	4.035E-03	ALEACH(14)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(14)
R017	Inhalation rate (m**3/yr)	7.300E+03	8.400E+03	---	INHALR
R017	Mass loading for inhalation (g/m**3)	1.000E-04	1.000E-04	---	MLINH
R017	Exposure duration	3.000E+01	3.000E+01	---	ED
R017	Shielding factor, inhalation	4.000E-01	4.000E-01	---	SHF3
R017	Shielding factor, external gamma	8.000E-01	7.000E-01	---	SHF1
R017	Fraction of time spent indoors	5.000E-01	5.000E-01	---	FIND
R017	Fraction of time spent outdoors (on site)	2.500E-01	2.500E-01	---	FOTD
R017	Shape factor flag, external gamma	1.000E+00	1.000E+00	>0 shows circular AREA.	FS

Site-Specific Parameter Summary (continued)

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R017	Radii of shape factor array (used if FS = -1):				
R017	Outer annular radius (m), ring 1:	not used	5.000E+01	---	RAD_SHAPE(1)
R017	Outer annular radius (m), ring 2:	not used	7.071E+01	---	RAD_SHAPE(2)
R017	Outer annular radius (m), ring 3:	not used	0.000E+00	---	RAD_SHAPE(3)
R017	Outer annular radius (m), ring 4:	not used	0.000E+00	---	RAD_SHAPE(4)
R017	Outer annular radius (m), ring 5:	not used	0.000E+00	---	RAD_SHAPE(5)
R017	Outer annular radius (m), ring 6:	not used	0.000E+00	---	RAD_SHAPE(6)
R017	Outer annular radius (m), ring 7:	not used	0.000E+00	---	RAD_SHAPE(7)
R017	Outer annular radius (m), ring 8:	not used	0.000E+00	---	RAD_SHAPE(8)
R017	Outer annular radius (m), ring 9:	not used	0.000E+00	---	RAD_SHAPE(9)
R017	Outer annular radius (m), ring 10:	not used	0.000E+00	---	RAD_SHAPE(10)
R017	Outer annular radius (m), ring 11:	not used	0.000E+00	---	RAD_SHAPE(11)
R017	Outer annular radius (m), ring 12:	not used	0.000E+00	---	RAD_SHAPE(12)
R017	Fractions of annular areas within AREA:				
R017	Ring 1	not used	1.000E+00	---	FRACA(1)
R017	Ring 2	not used	2.732E-01	---	FRACA(2)
R017	Ring 3	not used	0.000E+00	---	FRACA(3)
R017	Ring 4	not used	0.000E+00	---	FRACA(4)
R017	Ring 5	not used	0.000E+00	---	FRACA(5)
R017	Ring 6	not used	0.000E+00	---	FRACA(6)
R017	Ring 7	not used	0.000E+00	---	FRACA(7)
R017	Ring 8	not used	0.000E+00	---	FRACA(8)
R017	Ring 9	not used	0.000E+00	---	FRACA(9)
R017	Ring 10	not used	0.000E+00	---	FRACA(10)
R017	Ring 11	not used	0.000E+00	---	FRACA(11)
R017	Ring 12	not used	0.000E+00	---	FRACA(12)
R018	Fruits, vegetables and grain consumption (kg/yr)	not used	1.600E+02	---	DIET(1)
R018	Leafy vegetable consumption (kg/yr)	not used	1.400E+01	---	DIET(2)
R018	Milk consumption (L/yr)	not used	9.200E+01	---	DIET(3)
R018	Meat and poultry consumption (kg/yr)	not used	6.300E+01	---	DIET(4)
R018	Fish consumption (kg/yr)	not used	5.400E+00	---	DIET(5)
R018	Other seafood consumption (kg/yr)	not used	9.000E-01	---	DIET(6)
R018	Soil ingestion rate (g/yr)	4.380E+01	3.650E+01	---	SOIL
R018	Drinking water intake (L/yr)	7.000E+02	5.100E+02	---	DWI
R018	Contamination fraction of drinking water	1.000E+00	1.000E+00	---	FDW
R018	Contamination fraction of household water	not used	1.000E+00	---	FHHW
R018	Contamination fraction of livestock water	not used	1.000E+00	---	FLW
R018	Contamination fraction of irrigation water	not used	1.000E+00	---	FIRW
R018	Contamination fraction of aquatic food	not used	5.000E-01	---	FR9
R018	Contamination fraction of plant food	not used	-1	---	FPLANT
R018	Contamination fraction of meat	not used	-1	---	FMEAT
R018	Contamination fraction of milk	not used	-1	---	FMILK
R019	Livestock fodder intake for meat (kg/day)	not used	6.800E+01	---	LFI5
R019	Livestock fodder intake for milk (kg/day)	not used	5.500E+01	---	LFI6
R019	Livestock water intake for meat (L/day)	not used	5.000E+01	---	LWI5
R019	Livestock water intake for milk (L/day)	not used	1.600E+02	---	LWI6
R019	Livestock soil intake (kg/day)	not used	5.000E-01	---	LSI

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Site-Specific Parameter Summary (continued)

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R019	Mass loading for foliar deposition (g/m**3)	not used	1.000E-04	---	MLFD
R019	Depth of soil mixing layer (m)	1.500E-01	1.500E-01	---	DM
R019	Depth of roots (m)	not used	9.000E-01	---	DROOT
R019	Drinking water fraction from ground water	1.000E+00	1.000E+00	---	FGWDW
R019	Household water fraction from ground water	not used	1.000E+00	---	FGWHH
R019	Livestock water fraction from ground water	not used	1.000E+00	---	FGWLW
R019	Irrigation fraction from ground water	not used	1.000E+00	---	FGWIR
R19B	Wet weight crop yield for Non-Leafy (kg/m**2)	not used	7.000E-01	---	YV(1)
R19B	Wet weight crop yield for Leafy (kg/m**2)	not used	1.500E+00	---	YV(2)
R19B	Wet weight crop yield for Fodder (kg/m**2)	not used	1.100E+00	---	YV(3)
R19B	Growing Season for Non-Leafy (years)	not used	1.700E-01	---	TE(1)
R19B	Growing Season for Leafy (years)	not used	2.500E-01	---	TE(2)
R19B	Growing Season for Fodder (years)	not used	8.000E-02	---	TE(3)
R19B	Translocation Factor for Non-Leafy	not used	1.000E-01	---	TIV(1)
R19B	Translocation Factor for Leafy	not used	1.000E+00	---	TIV(2)
R19B	Translocation Factor for Fodder	not used	1.000E+00	---	TIV(3)
R19B	Dry Foliar Interception Fraction for Non-Leafy	not used	2.500E-01	---	RDRY(1)
R19B	Dry Foliar Interception Fraction for Leafy	not used	2.500E-01	---	RDRY(2)
R19B	Dry Foliar Interception Fraction for Fodder	not used	2.500E-01	---	RDRY(3)
R19B	Wet Foliar Interception Fraction for Non-Leafy	not used	2.500E-01	---	RWET(1)
R19B	Wet Foliar Interception Fraction for Leafy	not used	2.500E-01	---	RWET(2)
R19B	Wet Foliar Interception Fraction for Fodder	not used	2.500E-01	---	RWET(3)
R19B	Weathering Removal Constant for Vegetation	not used	2.000E+01	---	WLAM
C14	C-12 concentration in water (g/cm**3)	2.000E-05	2.000E-05	---	C12WTR
C14	C-12 concentration in contaminated soil (g/g)	3.000E-02	3.000E-02	---	C12CZ
C14	Fraction of vegetation carbon from soil	2.000E-02	2.000E-02	---	CSOIL
C14	Fraction of vegetation carbon from air	9.800E-01	9.800E-01	---	CAIR
C14	C-14 evasion layer thickness in soil (m)	3.000E-01	3.000E-01	---	DMC
C14	C-14 evasion flux rate from soil (1/sec)	7.000E-07	7.000E-07	---	EVSN
C14	C-12 evasion flux rate from soil (1/sec)	1.000E-10	1.000E-10	---	REVSN
C14	Fraction of grain in beef cattle feed	8.000E-01	8.000E-01	---	AVFG4
C14	Fraction of grain in milk cow feed	2.000E-01	2.000E-01	---	AVFG5
STOR	Storage times of contaminated foodstuffs (days):				
STOR	Fruits, non-leafy vegetables, and grain	1.400E+01	1.400E+01	---	STOR_T(1)
STOR	Leafy vegetables	1.000E+00	1.000E+00	---	STOR_T(2)
STOR	Milk	1.000E+00	1.000E+00	---	STOR_T(3)
STOR	Meat and poultry	2.000E+01	2.000E+01	---	STOR_T(4)
STOR	Fish	7.000E+00	7.000E+00	---	STOR_T(5)
STOR	Crustacea and mollusks	7.000E+00	7.000E+00	---	STOR_T(6)
STOR	Well water	1.000E+00	1.000E+00	---	STOR_T(7)
STOR	Surface water	1.000E+00	1.000E+00	---	STOR_T(8)
STOR	Livestock fodder	4.500E+01	4.500E+01	---	STOR_T(9)
R021	Thickness of building foundation (m)	not used	1.500E-01	---	FLOOR1
R021	Bulk density of building foundation (g/cm**3)	not used	2.400E+00	---	DENSFL
R021	Total porosity of the cover material	not used	4.000E-01	---	TPCV
R021	Total porosity of the building foundation	not used	1.000E-01	---	TPFL

Summary : IR/FSS_7A B01_Ind_Avg Bkgd Subtract
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Site-Specific Parameter Summary (continued)

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R021	Volumetric water content of the cover material	not used	5.000E-02	---	PH2OCV
R021	Volumetric water content of the foundation	not used	3.000E-02	---	PH2OFL
R021	Diffusion coefficient for radon gas (m/sec):				
R021	in cover material	not used	2.000E-06	---	DIFCV
R021	in foundation material	not used	3.000E-07	---	DIFFL
R021	in contaminated zone soil	not used	2.000E-06	---	DIFCZ
R021	Radon vertical dimension of mixing (m)	not used	2.000E+00	---	HMIX
R021	Average building air exchange rate (1/hr)	not used	5.000E-01	---	REXG
R021	Height of the building (room) (m)	not used	2.500E+00	---	HRM
R021	Building interior area factor	not used	0.000E+00	---	FAI
R021	Building depth below ground surface (m)	not used	-1.000E+00	---	DMFL
R021	Emanating power of Rn-222 gas	not used	2.500E-01	---	EMANA(1)
R021	Emanating power of Rn-220 gas	not used	1.500E-01	---	EMANA(2)
TITL	Number of graphical time points	32	---	---	NPTS
TITL	Maximum number of integration points for dose	17	---	---	LYMAX
TITL	Maximum number of integration points for risk	257	---	---	KYMAX

Summary of Pathway Selections

Pathway	User Selection
1 -- external gamma	active
2 -- inhalation (w/o radon)	active
3 -- plant ingestion	suppressed
4 -- meat ingestion	suppressed
5 -- milk ingestion	suppressed
6 -- aquatic foods	suppressed
7 -- drinking water	active
8 -- soil ingestion	active
9 -- radon	suppressed
Find peak pathway doses	suppressed

Summary : IR/FSS_7A B01_Ind_Avg Bkgd Subtract
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Contaminated Zone Dimensions	
Area:	1.00 square meters
Thickness:	2.00 meters
Cover Depth:	0.00 meters

Initial Soil Concentrations, pCi/g	
Ac-227	8.000E-04
C-14	1.160E+00
Cs-137	4.050E+00
Eu-154	8.010E-02
H-3	4.120E+01
Ni-63	1.010E+00
Pa-231	8.000E-04
Pb-210	2.720E-01
Ra-226	2.720E-01
Sr-90	7.520E+00
Th-230	5.900E-02
U-234	5.900E-02
U-235	8.000E-04
U-238	5.900E-02

Total Dose TDOSE(t), mrem/yr
Basic Radiation Dose Limit = 2.500E+01 mrem/yr
Total Mixture Sum M(t) = Fraction of Basic Dose Limit Received at Time (t)

t (years):	0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
TDOSE(t):	1.171E+00	1.149E+00	1.055E+00	9.503E-01	4.597E-01	2.358E-01	4.348E-02	1.288E-02
M(t):	4.684E-02	4.596E-02	4.218E-02	3.801E-02	1.839E-02	9.431E-03	1.739E-03	5.153E-04

Maximum TDOSE(t): 1.171E+00 mrem/yr at t = 0.000E+00 years

Summary : IR/FSS_7A B01_Ind_Avg Bkgd Subtract
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Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 0.000E+00 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	1.108E-04	0.0001	3.985E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.808E-07	0.0000
C-14	2.749E-07	0.0000	4.424E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.673E-08	0.0000
Cs-137	9.061E-01	0.7739	9.660E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.575E-06	0.0000
Eu-154	3.831E-02	0.0327	1.666E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.416E-08	0.0000
H-3	0.000E+00	0.0000	3.823E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.038E-08	0.0000
Ni-63	0.000E+00	0.0000	4.788E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.907E-08	0.0000
Pa-231	1.241E-05	0.0000	8.369E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.841E-07	0.0000
Pb-210	1.236E-04	0.0001	4.695E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.395E-05	0.0001
Ra-226	1.957E-01	0.1672	1.839E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.278E-05	0.0000
Sr-90	1.199E-02	0.0102	7.322E-05	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.713E-05	0.0000
Th-230	1.467E-05	0.0000	1.455E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.063E-06	0.0000
U-234	1.899E-06	0.0000	5.880E-05	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.474E-07	0.0000
U-235	4.380E-05	0.0000	7.430E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.015E-09	0.0000
U-238	6.056E-04	0.0005	5.258E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.197E-07	0.0000
Total	1.153E+00	0.9848	4.843E-04	0.0004	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.233E-04	0.0001

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 0.000E+00 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	1.355E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.865E-04	0.0002
C-14	9.569E-04	0.0008	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.576E-04	0.0008
Cs-137	3.418E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.061E-01	0.7739
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.831E-02	0.0327
H-3	1.717E-03	0.0015	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.756E-03	0.0015
Ni-63	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.695E-08	0.0000
Pa-231	3.227E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.333E-05	0.0000
Pb-210	1.703E-03	0.0015	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.938E-03	0.0017
Ra-226	7.306E-04	0.0006	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.965E-01	0.1678
Sr-90	1.183E-02	0.0101	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.394E-02	0.0204
Th-230	1.970E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.613E-04	0.0001
U-234	5.892E-05	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.202E-04	0.0001
U-235	7.552E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.530E-05	0.0000
U-238	5.594E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.147E-04	0.0006
Total	1.723E-02	0.0147	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.171E+00	1.0000

*Sum of all water independent and dependent pathways.

Summary : IR/FSS_7A B01_Ind_Avg Bkgd Subtract
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Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+00 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	1.063E-04	0.0001	3.822E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.652E-07	0.0000
C-14	2.451E-09	0.0000	3.944E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.492E-10	0.0000
Cs-137	8.851E-01	0.7704	9.436E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.422E-06	0.0000
Eu-154	3.540E-02	0.0308	1.540E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.233E-08	0.0000
H-3	0.000E+00	0.0000	2.699E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.144E-09	0.0000
Ni-63	0.000E+00	0.0000	4.753E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.893E-08	0.0000
Pa-231	1.581E-05	0.0000	9.575E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.948E-07	0.0000
Pb-210	1.195E-04	0.0001	4.542E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.187E-05	0.0001
Ra-226	1.951E-01	0.1698	1.976E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.469E-05	0.0000
Sr-90	1.161E-02	0.0101	7.085E-05	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.593E-05	0.0000
Th-230	3.303E-05	0.0000	1.455E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.064E-06	0.0000
U-234	1.891E-06	0.0000	5.856E-05	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.452E-07	0.0000
U-235	4.362E-05	0.0000	7.402E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.993E-09	0.0000
U-238	6.032E-04	0.0005	5.237E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.177E-07	0.0000
Total	1.128E+00	0.9819	4.448E-04	0.0004	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.217E-04	0.0001

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+00 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	1.504E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.952E-04	0.0003
C-14	1.109E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.109E-05	0.0000
Cs-137	1.019E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.851E-01	0.7704
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.540E-02	0.0308
H-3	1.414E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.441E-04	0.0001
Ni-63	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.646E-08	0.0000
Pa-231	5.317E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.885E-05	0.0001
Pb-210	4.633E-03	0.0040	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.860E-03	0.0042
Ra-226	1.628E-03	0.0014	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.967E-01	0.1712
Sr-90	1.346E-02	0.0117	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.517E-02	0.0219
Th-230	1.263E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.797E-04	0.0002
U-234	9.018E-05	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.512E-04	0.0001
U-235	1.157E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.552E-05	0.0000
U-238	8.563E-05	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.417E-04	0.0006
Total	2.025E-02	0.0176	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.149E+00	1.0000

*Sum of all water independent and dependent pathways.

Summary : IR/FSS_7A B01_Ind_Avg Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\IR_FSS_SU7A B01_IND_AVG BKGD SUBTRACT.RAD

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+00 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	8.989E-05	0.0001	3.232E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.089E-07	0.0000
C-14	1.498E-17	0.0000	2.411E-17	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.115E-19	0.0000
Cs-137	8.057E-01	0.7640	8.589E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.846E-06	0.0000
Eu-154	2.581E-02	0.0245	1.123E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.628E-08	0.0000
H-3	0.000E+00	0.0000	6.624E-11	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.262E-14	0.0000
Ni-63	0.000E+00	0.0000	4.614E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.838E-08	0.0000
Pa-231	2.791E-05	0.0000	1.386E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.325E-07	0.0000
Pb-210	1.047E-04	0.0001	3.979E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.420E-05	0.0001
Ra-226	1.925E-01	0.1826	2.475E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.165E-05	0.0000
Sr-90	1.017E-02	0.0096	6.210E-05	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.149E-05	0.0000
Th-230	1.059E-04	0.0001	1.455E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.071E-06	0.0000
U-234	1.863E-06	0.0000	5.763E-05	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.365E-07	0.0000
U-235	4.292E-05	0.0000	7.293E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.907E-09	0.0000
U-238	5.935E-04	0.0006	5.153E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.094E-07	0.0000
Total	1.035E+00	0.9816	4.292E-04	0.0004	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.160E-04	0.0001

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+00 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	1.271E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.496E-04	0.0002
C-14	6.806E-14	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.810E-14	0.0000
Cs-137	3.531E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.057E-01	0.7640
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.581E-02	0.0245
H-3	3.473E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.539E-09	0.0000
Ni-63	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.452E-08	0.0000
Pa-231	6.977E-05	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.119E-04	0.0001
Pb-210	4.489E-03	0.0043	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.688E-03	0.0044
Ra-226	2.205E-03	0.0021	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.948E-01	0.1847
Sr-90	1.179E-02	0.0112	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.206E-02	0.0209
Th-230	7.754E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.532E-04	0.0002
U-234	8.870E-05	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.487E-04	0.0001
U-235	1.143E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.480E-05	0.0000
U-238	8.423E-05	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.298E-04	0.0007
Total	1.886E-02	0.0179	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.055E+00	1.0000

*Sum of all water independent and dependent pathways.

Summary : IR/FSS_7A B01_Ind_Avg Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\IR_FSS_SU7A B01_IND_AVG BKGD SUBTRACT.RAD

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+01 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	7.291E-05	0.0001	2.622E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.505E-07	0.0000
C-14	7.508E-28	0.0000	1.208E-27	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.568E-29	0.0000
Cs-137	7.164E-01	0.7539	7.638E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.198E-06	0.0000
Eu-154	1.739E-02	0.0183	7.562E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.096E-08	0.0000
H-3	0.000E+00	0.0000	1.114E-16	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.847E-20	0.0000
Ni-63	0.000E+00	0.0000	4.446E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.771E-08	0.0000
Pa-231	4.013E-05	0.0000	1.818E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.697E-07	0.0000
Pb-210	8.873E-05	0.0001	3.372E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.593E-05	0.0000
Ra-226	1.894E-01	0.1993	3.000E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.899E-05	0.0000
Sr-90	8.628E-03	0.0091	5.267E-05	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.671E-05	0.0000
Th-230	1.956E-04	0.0002	1.455E-04	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.083E-06	0.0000
U-234	1.833E-06	0.0000	5.648E-05	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.258E-07	0.0000
U-235	4.207E-05	0.0000	7.164E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.806E-09	0.0000
U-238	5.817E-04	0.0006	5.050E-05	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.992E-07	0.0000
Total	9.328E-01	0.9816	4.149E-04	0.0004	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.096E-04	0.0001

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+01 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	1.030E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.024E-04	0.0002
C-14	3.430E-24	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.432E-24	0.0000
Cs-137	6.036E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.164E-01	0.7539
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.739E-02	0.0183
H-3	5.846E-15	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.957E-15	0.0000
Ni-63	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.217E-08	0.0000
Pa-231	8.639E-05	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.451E-04	0.0002
Pb-210	3.803E-03	0.0040	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.972E-03	0.0042
Ra-226	2.805E-03	0.0030	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.922E-01	0.2023
Sr-90	9.993E-03	0.0105	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.870E-02	0.0197
Th-230	1.855E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.440E-04	0.0004
U-234	8.689E-05	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.457E-04	0.0002
U-235	1.128E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.392E-05	0.0000
U-238	8.251E-05	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.152E-04	0.0008
Total	1.697E-02	0.0179	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.503E-01	1.0000

*Sum of all water independent and dependent pathways.

Summary : IR/FSS_7A B01_Ind_Avg Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\IR_FSS_SU7A B01_IND_AVG BKGD SUBTRACT.RAD

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+01 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	1.365E-05	0.0000	4.910E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.692E-08	0.0000
C-14	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Cs-137	2.800E-01	0.6091	2.985E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.032E-06	0.0000
Eu-154	7.372E-04	0.0016	3.207E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.649E-10	0.0000
H-3	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Ni-63	0.000E+00	0.0000	3.304E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.316E-08	0.0000
Pa-231	7.480E-05	0.0002	3.009E-05	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.542E-07	0.0000
Pb-210	2.361E-05	0.0001	8.970E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.222E-05	0.0000
Ra-226	1.659E-01	0.3608	4.772E-05	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.461E-05	0.0001
Sr-90	2.310E-03	0.0050	1.410E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.152E-06	0.0000
Th-230	8.620E-04	0.0019	1.456E-04	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.253E-06	0.0000
U-234	1.741E-06	0.0000	4.811E-05	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.478E-07	0.0000
U-235	3.585E-05	0.0001	6.304E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.131E-09	0.0000
U-238	4.950E-04	0.0011	4.298E-05	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.248E-07	0.0000
Total	4.505E-01	0.9798	3.434E-04	0.0007	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.866E-05	0.0002

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+01 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	1.920E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.781E-05	0.0001
C-14	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Cs-137	1.156E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.800E-01	0.6091
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.373E-04	0.0016
H-3	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Ni-63	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.620E-08	0.0000
Pa-231	1.304E-04	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.357E-04	0.0005
Pb-210	1.010E-03	0.0022	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.055E-03	0.0023
Ra-226	4.865E-03	0.0106	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.709E-01	0.3716
Sr-90	2.663E-03	0.0058	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.994E-03	0.0109
Th-230	1.632E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.025E-03	0.0022
U-234	7.365E-05	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.239E-04	0.0003
U-235	1.048E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.753E-05	0.0001
U-238	6.994E-05	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.083E-04	0.0013
Total	8.859E-03	0.0193	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.597E-01	1.0000

*Sum of all water independent and dependent pathways.

Summary : IR/FSS_7A B01_Ind_Avg Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\IR_FSS_SU7A B01_IND_AVG BKGD SUBTRACT.RAD

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+02 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	1.682E-06	0.0000	6.049E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.780E-09	0.0000
C-14	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Cs-137	8.653E-02	0.3670	9.225E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.279E-07	0.0000
Eu-154	1.419E-05	0.0001	6.170E-11	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.947E-12	0.0000
H-3	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Ni-63	0.000E+00	0.0000	2.279E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.080E-09	0.0000
Pa-231	6.904E-05	0.0003	2.743E-05	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.982E-07	0.0000
Pb-210	4.510E-06	0.0000	1.714E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.335E-06	0.0000
Ra-226	1.405E-01	0.5961	4.657E-05	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.463E-05	0.0002
Sr-90	4.451E-04	0.0019	2.717E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.378E-06	0.0000
Th-230	1.580E-03	0.0067	1.457E-04	0.0006	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.515E-06	0.0000
U-234	1.929E-06	0.0000	3.937E-05	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.665E-07	0.0000
U-235	2.937E-05	0.0001	5.432E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.422E-09	0.0000
U-238	4.045E-04	0.0017	3.513E-05	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.473E-07	0.0000
Total	2.296E-01	0.9740	2.999E-04	0.0013	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.162E-05	0.0003

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+02 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	2.349E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.642E-06	0.0000
C-14	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Cs-137	7.245E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.654E-02	0.3671
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.419E-05	0.0001
H-3	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Ni-63	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.187E-08	0.0000
Pa-231	1.169E-04	0.0005	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.137E-04	0.0009
Pb-210	1.923E-04	0.0008	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.009E-04	0.0009
Ra-226	4.793E-03	0.0203	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.454E-01	0.6169
Sr-90	5.095E-04	0.0022	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.586E-04	0.0041
Th-230	3.747E-05	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.764E-03	0.0075
U-234	5.987E-05	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.015E-04	0.0004
U-235	9.714E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.089E-05	0.0001
U-238	5.687E-05	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.969E-04	0.0021
Total	5.776E-03	0.0245	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.358E-01	1.0000

*Sum of all water independent and dependent pathways.

Summary : IR/FSS_7A B01_Ind_Avg Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\IR_FSS_SU7A B01_IND_AVG BKGD SUBTRACT.RAD

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+02 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	8.926E-14	0.0000	3.210E-14	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.067E-16	0.0000
C-14	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Cs-137	7.197E-06	0.0002	7.672E-12	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.222E-11	0.0000
Eu-154	2.667E-19	0.0000	1.160E-24	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.682E-25	0.0000
H-3	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Ni-63	0.000E+00	0.0000	1.171E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.663E-10	0.0000
Pa-231	1.391E-05	0.0003	5.515E-06	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.956E-08	0.0000
Pb-210	8.009E-12	0.0000	3.043E-12	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.145E-12	0.0000
Ra-226	3.728E-02	0.8574	1.283E-05	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.514E-05	0.0003
Sr-90	8.435E-10	0.0000	5.150E-12	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.611E-12	0.0000
Th-230	4.488E-03	0.1032	1.460E-04	0.0034	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.684E-06	0.0001
U-234	6.994E-06	0.0002	8.090E-06	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.711E-08	0.0000
U-235	5.965E-06	0.0001	1.550E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.755E-09	0.0000
U-238	8.054E-05	0.0019	7.003E-06	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.922E-08	0.0000
Total	4.188E-02	0.9633	1.796E-04	0.0041	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.805E-05	0.0004

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+02 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	1.149E-13	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.366E-13	0.0000
C-14	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Cs-137	9.701E-10	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.198E-06	0.0002
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.668E-19	0.0000
H-3	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Ni-63	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.637E-09	0.0000
Pa-231	2.163E-05	0.0005	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.113E-05	0.0009
Pb-210	3.275E-10	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.427E-10	0.0000
Ra-226	1.246E-03	0.0286	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.855E-02	0.8867
Sr-90	8.913E-10	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.743E-09	0.0000
Th-230	1.105E-04	0.0025	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.747E-03	0.1092
U-234	1.133E-05	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.649E-05	0.0006
U-235	3.641E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.486E-06	0.0001
U-238	1.061E-05	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.822E-05	0.0023
Total	1.400E-03	0.0322	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.348E-02	1.0000

*Sum of all water independent and dependent pathways.

Summary : IR/FSS_7A B01_Ind_Avg Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\IR_FSS_SU7A B01_IND_AVG BKGD SUBTRACT.RAD

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+03 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	7.189E-23	0.0000	2.585E-23	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.470E-25	0.0000
C-14	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Cs-137	5.716E-11	0.0000	6.094E-17	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.147E-16	0.0000
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
H-3	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Ni-63	0.000E+00	0.0000	2.861E-11	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.140E-11	0.0000
Pa-231	1.830E-06	0.0001	7.257E-07	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.047E-08	0.0000
Pb-210	5.191E-19	0.0000	1.973E-19	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.687E-19	0.0000
Ra-226	7.096E-03	0.5508	2.441E-06	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.881E-06	0.0002
Sr-90	5.932E-17	0.0000	3.621E-19	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.836E-19	0.0000
Th-230	5.312E-03	0.4123	1.454E-04	0.0113	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.013E-06	0.0002
U-234	1.085E-05	0.0008	1.356E-06	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.593E-08	0.0000
U-235	8.127E-07	0.0001	2.833E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.447E-10	0.0000
U-238	1.072E-05	0.0008	9.329E-07	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.223E-09	0.0000
Total	1.243E-02	0.9650	1.509E-04	0.0117	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.931E-06	0.0005

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+03 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	7.576E-23	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.737E-22	0.0000
C-14	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Cs-137	9.131E-15	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.717E-11	0.0000
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
H-3	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Ni-63	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.001E-11	0.0000
Pa-231	2.357E-06	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.923E-06	0.0004
Pb-210	1.889E-17	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.988E-17	0.0000
Ra-226	1.964E-04	0.0152	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.298E-03	0.5665
Sr-90	5.141E-17	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.113E-16	0.0000
Th-230	9.246E-05	0.0072	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.553E-03	0.4310
U-234	1.544E-06	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.376E-05	0.0011
U-235	6.551E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.069E-07	0.0001
U-238	1.199E-06	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.286E-05	0.0010
Total	2.940E-04	0.0228	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.288E-02	1.0000

*Sum of all water independent and dependent pathways.

Summary : IR/FSS_7A B01_Ind_Avg Bkgd Subtract
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Dose/Source Ratios Summed Over All Pathways
Parent and Progeny Principal Radionuclide Contributions Indicated

Parent (i)	Product (j)	Thread Fraction	DSR(j,t) At Time in Years (mrem/yr)/(pCi/g) 0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
Ac-227+D	Ac-227+D	1.000E+00	3.582E-01	3.690E-01	3.120E-01	2.530E-01	4.726E-02	5.802E-03	2.958E-10	2.172E-19
C-14	C-14	1.000E+00	8.255E-04	9.564E-06	5.870E-14	2.958E-24	0.000E+00	0.000E+00	0.000E+00	0.000E+00
Cs-137+D	Cs-137+D	1.000E+00	2.237E-01	2.185E-01	1.989E-01	1.769E-01	6.914E-02	2.137E-02	1.777E-06	1.412E-11
Eu-154	Eu-154	1.000E+00	4.783E-01	4.420E-01	3.222E-01	2.171E-01	9.204E-03	1.771E-04	3.330E-18	2.319E-35
H-3	H-3	1.000E+00	4.261E-05	3.497E-06	8.590E-11	1.446E-16	0.000E+00	0.000E+00	0.000E+00	0.000E+00
Ni-63	Ni-63	1.000E+00	6.629E-08	6.580E-08	6.388E-08	6.155E-08	4.574E-08	3.156E-08	1.621E-09	3.962E-11
Pa-231	Pa-231	1.000E+00	6.071E-02	8.046E-02	7.915E-02	7.753E-02	6.574E-02	5.347E-02	1.008E-02	1.184E-03
Pa-231	Ac-227+D	1.000E+00	5.954E-03	1.809E-02	6.070E-02	1.038E-01	2.289E-01	2.137E-01	4.134E-02	4.970E-03
Pa-231	∑DSR(j)		6.667E-02	9.856E-02	1.398E-01	1.813E-01	2.947E-01	2.671E-01	5.141E-02	6.154E-03
Pb-210+D	Pb-210+D	1.000E+00	7.124E-03	1.787E-02	1.723E-02	1.460E-02	3.877E-03	7.386E-04	1.260E-09	7.308E-17
Ra-226+D	Ra-226+D	1.000E+00	7.222E-01	7.224E-01	7.129E-01	7.011E-01	6.140E-01	5.201E-01	1.379E-01	2.623E-02
Ra-226+D	Pb-210+D	1.000E+00	1.796E-04	9.187E-04	3.204E-03	5.596E-03	1.416E-02	1.460E-02	3.839E-03	6.048E-04
Ra-226+D	∑DSR(j)		7.224E-01	7.233E-01	7.161E-01	7.067E-01	6.281E-01	5.347E-01	1.417E-01	2.683E-02
Sr-90+D	Sr-90+D	1.000E+00	3.183E-03	3.347E-03	2.933E-03	2.487E-03	6.642E-04	1.275E-04	2.317E-10	1.480E-17
Th-230	Th-230	1.000E+00	2.577E-03	2.577E-03	2.577E-03	2.576E-03	2.575E-03	2.574E-03	2.561E-03	2.545E-03
Th-230	Ra-226+D	1.000E+00	1.563E-04	4.691E-04	1.711E-03	3.241E-03	1.460E-02	2.683E-02	7.633E-02	9.023E-02
Th-230	Pb-210+D	1.000E+00	1.845E-08	2.329E-07	3.709E-06	1.298E-05	1.971E-04	4.971E-04	1.569E-03	1.333E-03
Th-230	∑DSR(j)		2.733E-03	3.046E-03	4.292E-03	5.831E-03	1.738E-02	2.990E-02	8.046E-02	9.411E-02
U-234	U-234	1.000E+00	2.037E-03	2.562E-03	2.521E-03	2.470E-03	2.096E-03	1.708E-03	3.267E-04	3.952E-05
U-234	Th-230	1.000E+00	1.163E-08	3.478E-08	1.263E-07	2.387E-07	1.060E-06	1.917E-06	4.967E-06	5.595E-06
U-234	Ra-226+D	1.000E+00	5.067E-10	3.333E-09	4.229E-08	1.519E-07	3.186E-06	1.119E-05	1.148E-04	1.841E-04
U-234	Pb-210+D	1.000E+00	1.466E-10	2.203E-10	2.042E-10	4.985E-10	3.074E-08	1.597E-07	2.551E-06	4.038E-06
U-234	∑DSR(j)		2.037E-03	2.562E-03	2.521E-03	2.470E-03	2.101E-03	1.721E-03	4.490E-04	2.333E-04
U-235+D	U-235+D	1.000E+00	5.662E-02	5.690E-02	5.599E-02	5.487E-02	4.669E-02	3.815E-02	7.583E-03	1.005E-03
U-235+D	Pa-231	1.000E+00	7.558E-07	2.553E-06	9.211E-06	1.723E-05	7.028E-05	1.138E-04	1.073E-04	2.533E-05
U-235+D	Ac-227+D	1.000E+00	5.327E-08	3.124E-07	3.675E-06	1.231E-05	1.592E-04	3.455E-04	4.167E-04	1.035E-04
U-235+D	∑DSR(j)		5.663E-02	5.690E-02	5.600E-02	5.490E-02	4.692E-02	3.861E-02	8.107E-03	1.134E-03
U-238	U-238	5.400E-05	9.771E-08	1.233E-07	1.213E-07	1.188E-07	1.009E-07	8.219E-08	1.573E-08	1.904E-09

Summary : IR/FSS_7A B01_Ind_Avg Bkgd Subtract
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Dose/Source Ratios Summed Over All Pathways
Parent and Progeny Principal Radionuclide Contributions Indicated

Parent (i)	Product (j)	Thread Fraction	DSR(j,t) At Time in Years (mrem/yr)/(pCi/g) 0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
U-238+D	U-238+D	9.999E-01	1.211E-02	1.257E-02	1.237E-02	1.212E-02	1.031E-02	8.421E-03	1.664E-03	2.176E-04
U-238+D	U-234	9.999E-01	3.293E-09	1.089E-08	3.930E-08	7.351E-08	3.002E-07	4.866E-07	4.638E-07	1.122E-07
U-238+D	Th-230	9.999E-01	3.316E-14	1.268E-13	1.121E-12	3.796E-12	7.450E-11	2.568E-10	2.420E-09	3.661E-09
U-238+D	Ra-226+D	9.999E-01	4.597E-11	1.048E-10	2.890E-10	5.597E-10	2.602E-09	5.453E-09	5.484E-08	1.199E-07
U-238+D	Pb-210+D	9.999E-01	1.775E-10	4.046E-10	1.115E-09	2.155E-09	9.470E-09	1.712E-08	4.503E-08	5.181E-08
U-238+D	∑DSR(j)		1.211E-02	1.257E-02	1.237E-02	1.212E-02	1.031E-02	8.422E-03	1.665E-03	2.179E-04

The DSR includes contributions from associated (half-life ≤ 180 days) daughters.

Single Radionuclide Soil Guidelines G(i,t) in pCi/g
Basic Radiation Dose Limit = 2.500E+01 mrem/yr

Nuclide (i)	t= 0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
Ac-227	6.980E+01	6.774E+01	8.012E+01	9.881E+01	5.290E+02	4.309E+03	8.453E+10	*7.232E+13
C-14	3.028E+04	2.614E+06	*4.455E+12	*4.455E+12	*4.455E+12	*4.455E+12	*4.455E+12	*4.455E+12
Cs-137	1.117E+02	1.144E+02	1.257E+02	1.413E+02	3.616E+02	1.170E+03	1.407E+07	1.771E+12
Eu-154	5.227E+01	5.656E+01	7.759E+01	1.152E+02	2.716E+03	1.411E+05	*2.639E+14	*2.639E+14
H-3	5.867E+05	7.149E+06	2.910E+11	*9.597E+15	*9.597E+15	*9.597E+15	*9.597E+15	*9.597E+15
Ni-63	3.771E+08	3.799E+08	3.914E+08	4.062E+08	5.466E+08	7.922E+08	1.543E+10	6.311E+11
Pa-231	3.750E+02	2.537E+02	1.788E+02	1.379E+02	8.484E+01	9.358E+01	4.862E+02	4.062E+03
Pb-210	3.509E+03	1.399E+03	1.451E+03	1.712E+03	6.448E+03	3.385E+04	1.984E+10	*7.634E+13
Ra-226	3.461E+01	3.456E+01	3.491E+01	3.537E+01	3.980E+01	4.675E+01	1.764E+02	9.318E+02
Sr-90	7.853E+03	7.470E+03	8.524E+03	1.005E+04	3.764E+04	1.961E+05	1.079E+11	*1.365E+14
Th-230	9.147E+03	8.207E+03	5.825E+03	4.288E+03	1.439E+03	8.361E+02	3.107E+02	2.656E+02
U-234	1.227E+04	9.757E+03	9.917E+03	1.012E+04	1.190E+04	1.453E+04	5.568E+04	1.072E+05
U-235	4.415E+02	4.393E+02	4.464E+02	4.554E+02	5.329E+02	6.475E+02	3.084E+03	2.205E+04
U-238	2.064E+03	1.989E+03	2.021E+03	2.062E+03	2.425E+03	2.969E+03	1.502E+04	1.147E+05

*At specific activity limit

Summary : IR/FSS_7A B01_Ind_Avg Bkgd Subtract
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Summed Dose/Source Ratios DSR(i,t) in (mrem/yr)/(pCi/g)
and Single Radionuclide Soil Guidelines G(i,t) in pCi/g
at tmin = time of minimum single radionuclide soil guideline
and at tmax = time of maximum total dose = 0.000E+00 years

Nuclide (i)	Initial (pCi/g)	tmin (years)	DSR(i,tmin)	G(i,tmin) (pCi/g)	DSR(i,tmax)	G(i,tmax) (pCi/g)
Ac-227	8.000E-04	0.2637 ± 0.0005	3.804E-01	6.571E+01	3.582E-01	6.980E+01
C-14	1.160E+00	0.000E+00	8.255E-04	3.028E+04	8.255E-04	3.028E+04
Cs-137	4.050E+00	0.000E+00	2.237E-01	1.117E+02	2.237E-01	1.117E+02
Eu-154	8.010E-02	0.000E+00	4.783E-01	5.227E+01	4.783E-01	5.227E+01
H-3	4.120E+01	0.000E+00	4.261E-05	5.867E+05	4.261E-05	5.867E+05
Ni-63	1.010E+00	0.000E+00	6.629E-08	3.771E+08	6.629E-08	3.771E+08
Pa-231	8.000E-04	55.1 ± 0.1	2.954E-01	8.463E+01	6.667E-02	3.750E+02
Pb-210	2.720E-01	1.536 ± 0.003	1.933E-02	1.293E+03	7.124E-03	3.509E+03
Ra-226	2.720E-01	0.718 ± 0.001	7.236E-01	3.455E+01	7.224E-01	3.461E+01
Sr-90	7.520E+00	0.2910 ± 0.0006	3.425E-03	7.300E+03	3.183E-03	7.853E+03
Th-230	5.900E-02	1.000E+03	9.411E-02	2.656E+02	2.733E-03	9.147E+03
U-234	5.900E-02	0.694 ± 0.001	2.566E-03	9.744E+03	2.037E-03	1.227E+04
U-235	8.000E-04	0.569 ± 0.001	5.699E-02	4.387E+02	5.663E-02	4.415E+02
U-238	5.900E-02	0.688 ± 0.001	1.259E-02	1.986E+03	1.211E-02	2.064E+03

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Individual Nuclide Dose Summed Over All Pathways
Parent Nuclide and Branch Fraction Indicated

Nuclide (j)	Parent (i)	THF(i)	DOSE(j,t), mrem/yr t= 0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
Ac-227	Ac-227	1.000E+00	2.865E-04	2.952E-04	2.496E-04	2.024E-04	3.781E-05	4.642E-06	2.366E-13	1.737E-22
Ac-227	Pa-231	1.000E+00	4.763E-06	1.447E-05	4.856E-05	8.304E-05	1.831E-04	1.709E-04	3.307E-05	3.976E-06
Ac-227	U-235	1.000E+00	4.261E-11	2.499E-10	2.940E-09	9.848E-09	1.273E-07	2.764E-07	3.334E-07	8.279E-08
Ac-227	∑DOSE(j)		2.913E-04	3.097E-04	2.982E-04	2.855E-04	2.211E-04	1.759E-04	3.340E-05	4.059E-06
C-14	C-14	1.000E+00	9.576E-04	1.109E-05	6.810E-14	3.432E-24	0.000E+00	0.000E+00	0.000E+00	0.000E+00
Cs-137	Cs-137	1.000E+00	9.061E-01	8.851E-01	8.057E-01	7.164E-01	2.800E-01	8.654E-02	7.198E-06	5.717E-11
Eu-154	Eu-154	1.000E+00	3.831E-02	3.540E-02	2.581E-02	1.739E-02	7.373E-04	1.419E-05	2.668E-19	0.000E+00
H-3	H-3	1.000E+00	1.756E-03	1.441E-04	3.539E-09	5.957E-15	0.000E+00	0.000E+00	0.000E+00	0.000E+00
Ni-63	Ni-63	1.000E+00	6.695E-08	6.646E-08	6.452E-08	6.217E-08	4.620E-08	3.187E-08	1.637E-09	4.001E-11
Pa-231	Pa-231	1.000E+00	4.857E-05	6.437E-05	6.332E-05	6.203E-05	5.259E-05	4.277E-05	8.060E-06	9.470E-07
Pa-231	U-235	1.000E+00	6.046E-10	2.043E-09	7.368E-09	1.378E-08	5.622E-08	9.105E-08	8.581E-08	2.026E-08
Pa-231	∑DOSE(j)		4.857E-05	6.437E-05	6.333E-05	6.204E-05	5.265E-05	4.286E-05	8.146E-06	9.673E-07
Pb-210	Pb-210	1.000E+00	1.938E-03	4.860E-03	4.688E-03	3.972E-03	1.055E-03	2.009E-04	3.427E-10	1.988E-17
Pb-210	Ra-226	1.000E+00	4.885E-05	2.499E-04	8.715E-04	1.522E-03	3.853E-03	3.970E-03	1.044E-03	1.645E-04
Pb-210	Th-230	1.000E+00	1.088E-09	1.374E-08	2.188E-07	7.658E-07	1.163E-05	2.933E-05	9.256E-05	7.866E-05
Pb-210	U-234	1.000E+00	8.648E-12	1.300E-11	1.205E-11	2.941E-11	1.813E-09	9.423E-09	1.505E-07	2.383E-07
Pb-210	U-238	9.999E-01	1.047E-11	2.387E-11	6.577E-11	1.271E-10	5.587E-10	1.010E-09	2.657E-09	3.057E-09
Pb-210	∑DOSE(j)		1.987E-03	5.110E-03	5.559E-03	5.495E-03	4.919E-03	4.201E-03	1.137E-03	2.434E-04
Ra-226	Ra-226	1.000E+00	1.964E-01	1.965E-01	1.939E-01	1.907E-01	1.670E-01	1.415E-01	3.751E-02	7.133E-03
Ra-226	Th-230	1.000E+00	9.221E-06	2.768E-05	1.010E-04	1.912E-04	8.616E-04	1.583E-03	4.503E-03	5.324E-03
Ra-226	U-234	1.000E+00	2.989E-11	1.967E-10	2.495E-09	8.963E-09	1.880E-07	6.605E-07	6.772E-06	1.086E-05
Ra-226	U-238	9.999E-01	2.712E-12	6.183E-12	1.705E-11	3.302E-11	1.535E-10	3.217E-10	3.236E-09	7.075E-09
Ra-226	∑DOSE(j)		1.964E-01	1.965E-01	1.940E-01	1.909E-01	1.679E-01	1.431E-01	4.202E-02	1.247E-02
Sr-90	Sr-90	1.000E+00	2.394E-02	2.517E-02	2.206E-02	1.870E-02	4.994E-03	9.586E-04	1.743E-09	1.113E-16
Th-230	Th-230	1.000E+00	1.520E-04	1.520E-04	1.520E-04	1.520E-04	1.519E-04	1.518E-04	1.511E-04	1.502E-04
Th-230	U-234	1.000E+00	6.864E-10	2.052E-09	7.454E-09	1.408E-08	6.256E-08	1.131E-07	2.931E-07	3.301E-07
Th-230	U-238	9.999E-01	1.957E-15	7.482E-15	6.615E-14	2.240E-13	4.396E-12	1.515E-11	1.428E-10	2.160E-10
Th-230	∑DOSE(j)		1.520E-04	1.520E-04	1.520E-04	1.520E-04	1.520E-04	1.520E-04	1.514E-04	1.505E-04
U-234	U-234	1.000E+00	1.202E-04	1.512E-04	1.487E-04	1.457E-04	1.237E-04	1.008E-04	1.927E-05	2.332E-06
U-234	U-238	9.999E-01	1.943E-10	6.426E-10	2.319E-09	4.337E-09	1.771E-08	2.871E-08	2.737E-08	6.623E-09
U-234	∑DOSE(j)		1.202E-04	1.512E-04	1.487E-04	1.457E-04	1.237E-04	1.008E-04	1.930E-05	2.338E-06
U-235	U-235	1.000E+00	4.530E-05	4.552E-05	4.479E-05	4.390E-05	3.735E-05	3.052E-05	6.067E-06	8.038E-07
U-238	U-238	5.400E-05	5.765E-09	7.275E-09	7.156E-09	7.012E-09	5.952E-09	4.849E-09	9.283E-10	1.123E-10
U-238	U-238	9.999E-01	7.146E-04	7.417E-04	7.298E-04	7.152E-04	6.083E-04	4.968E-04	9.819E-05	1.284E-05
U-238	∑DOSE(j)		7.147E-04	7.417E-04	7.298E-04	7.152E-04	6.083E-04	4.969E-04	9.819E-05	1.284E-05

THF(i) is the thread fraction of the parent nuclide.

Summary : IR/FSS_7A B01_Ind_Avg Bkgd Subtract
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Individual Nuclide Soil Concentration
Parent Nuclide and Branch Fraction Indicated

Nuclide (j)	Parent (i)	THF(i)	S(j,t), pCi/g t= 0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
Ac-227	Ac-227	1.000E+00	8.000E-04	7.672E-04	6.489E-04	5.263E-04	9.856E-05	1.214E-05	6.443E-13	5.189E-22
Ac-227	Pa-231	1.000E+00	0.000E+00	2.489E-05	1.137E-04	2.036E-04	4.668E-04	4.386E-04	8.860E-05	1.166E-05
Ac-227	U-235	1.000E+00	0.000E+00	2.650E-10	6.204E-09	2.290E-08	3.206E-07	7.049E-07	8.922E-07	2.426E-07
Ac-227	∑S(j):		8.000E-04	7.921E-04	7.626E-04	7.299E-04	5.657E-04	4.515E-04	8.949E-05	1.190E-05
C-14	C-14	1.000E+00	1.160E+00	1.035E-02	6.342E-11	3.189E-21	0.000E+00	0.000E+00	0.000E+00	0.000E+00
Cs-137	Cs-137	1.000E+00	4.050E+00	3.956E+00	3.601E+00	3.202E+00	1.252E+00	3.868E-01	3.217E-05	2.555E-10
Eu-154	Eu-154	1.000E+00	8.010E-02	7.401E-02	5.396E-02	3.635E-02	1.541E-03	2.966E-05	5.577E-19	3.883E-36
H-3	H-3	1.000E+00	4.120E+01	2.910E+00	7.151E-05	1.204E-10	0.000E+00	0.000E+00	0.000E+00	0.000E+00
Ni-63	Ni-63	1.000E+00	1.010E+00	1.003E+00	9.732E-01	9.377E-01	6.969E-01	4.808E-01	2.469E-02	6.036E-04
Pa-231	Pa-231	1.000E+00	8.000E-04	7.968E-04	7.839E-04	7.682E-04	6.531E-04	5.332E-04	1.053E-04	1.385E-05
Pa-231	U-235	1.000E+00	0.000E+00	1.686E-08	8.294E-08	1.626E-07	6.913E-07	1.129E-06	1.120E-06	2.962E-07
Pa-231	∑S(j):		8.000E-04	7.968E-04	7.840E-04	7.684E-04	6.538E-04	5.344E-04	1.064E-04	1.415E-05
Pb-210	Pb-210	1.000E+00	2.720E-01	2.631E-01	2.305E-01	1.953E-01	5.197E-02	9.929E-03	1.763E-08	1.143E-15
Pb-210	Ra-226	1.000E+00	0.000E+00	8.302E-03	3.863E-02	7.073E-02	1.862E-01	1.933E-01	5.403E-02	1.028E-02
Pb-210	Th-230	1.000E+00	0.000E+00	3.925E-07	9.352E-06	3.528E-05	5.770E-04	1.493E-03	5.683E-03	6.882E-03
Pb-210	U-234	1.000E+00	0.000E+00	1.180E-12	1.417E-10	1.079E-09	9.360E-08	5.038E-07	8.213E-06	1.388E-05
Pb-210	U-238	9.999E-01	0.000E+00	8.373E-19	5.051E-16	7.737E-15	3.481E-12	3.853E-11	2.968E-09	7.957E-09
Pb-210	∑S(j):		2.720E-01	2.714E-01	2.691E-01	2.661E-01	2.388E-01	2.048E-01	5.972E-02	1.718E-02
Ra-226	Ra-226	1.000E+00	2.720E-01	2.711E-01	2.675E-01	2.631E-01	2.304E-01	1.952E-01	5.177E-02	9.855E-03
Ra-226	Th-230	1.000E+00	0.000E+00	2.552E-05	1.267E-04	2.514E-04	1.177E-03	2.174E-03	6.213E-03	7.357E-03
Ra-226	U-234	1.000E+00	0.000E+00	1.148E-10	2.841E-09	1.123E-08	2.546E-07	9.034E-07	9.326E-06	1.498E-05
Ra-226	U-238	9.999E-01	0.000E+00	1.084E-16	1.340E-14	1.057E-13	1.179E-11	8.198E-11	3.525E-09	8.708E-09
Ra-226	∑S(j):		2.720E-01	2.711E-01	2.677E-01	2.634E-01	2.316E-01	1.974E-01	5.800E-02	1.723E-02
Sr-90	Sr-90	1.000E+00	7.520E+00	7.276E+00	6.378E+00	5.410E+00	1.449E+00	2.790E-01	5.289E-07	3.719E-14
Th-230	Th-230	1.000E+00	5.900E-02	5.900E-02	5.900E-02	5.899E-02	5.896E-02	5.893E-02	5.864E-02	5.827E-02
Th-230	U-234	1.000E+00	0.000E+00	5.300E-07	2.629E-06	5.205E-06	2.404E-05	4.367E-05	1.136E-04	1.280E-04
Th-230	U-238	9.999E-01	0.000E+00	7.508E-13	1.857E-11	7.328E-11	1.647E-09	5.776E-09	5.519E-08	8.358E-08
Th-230	∑S(j):		5.900E-02	5.900E-02	5.900E-02	5.900E-02	5.899E-02	5.897E-02	5.875E-02	5.840E-02
U-234	U-234	1.000E+00	5.900E-02	5.876E-02	5.782E-02	5.667E-02	4.821E-02	3.940E-02	7.835E-03	1.040E-03
U-234	U-238	9.999E-01	0.000E+00	1.666E-07	8.196E-07	1.606E-06	6.834E-06	1.117E-05	1.111E-05	2.954E-06
U-234	∑S(j):		5.900E-02	5.876E-02	5.782E-02	5.667E-02	4.822E-02	3.941E-02	7.846E-03	1.043E-03
U-235	U-235	1.000E+00	8.000E-04	7.968E-04	7.840E-04	7.684E-04	6.538E-04	5.344E-04	1.064E-04	1.415E-05
U-238	U-238	5.400E-05	3.186E-06	3.173E-06	3.122E-06	3.060E-06	2.604E-06	2.128E-06	4.237E-07	5.634E-08
U-238	U-238	9.999E-01	5.900E-02	5.876E-02	5.782E-02	5.666E-02	4.822E-02	3.941E-02	7.846E-03	1.043E-03
U-238	∑S(j):		5.900E-02	5.876E-02	5.782E-02	5.667E-02	4.822E-02	3.941E-02	7.846E-03	1.043E-03

THF(i) is the thread fraction of the parent nuclide.

RESCALC.EXE execution time = 39.62 seconds
Total water/soil iteration failures = 5.000E+00.

Summary : IR/FSS_7A B01_Res_Avg Bkgd Subtract
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Dose Conversion Factor (and Related) Parameter Summary
Dose Library: FGR 11

Menu	Parameter	Current Value#	Base Case*	Parameter Name
A-1	DCF's for external ground radiation, (mrem/yr)/(pCi/g)			
A-1	Ac-227 (Source: FGR 12)	4.951E-04	4.951E-04	DCF1(1)
A-1	At-218 (Source: FGR 12)	5.847E-03	5.847E-03	DCF1(2)
A-1	Ba-137m (Source: FGR 12)	3.606E+00	3.606E+00	DCF1(3)
A-1	Bi-210 (Source: FGR 12)	3.606E-03	3.606E-03	DCF1(4)
A-1	Bi-211 (Source: FGR 12)	2.559E-01	2.559E-01	DCF1(5)
A-1	Bi-214 (Source: FGR 12)	9.808E+00	9.808E+00	DCF1(6)
A-1	C-14 (Source: FGR 12)	1.345E-05	1.345E-05	DCF1(7)
A-1	Cs-137 (Source: FGR 12)	7.510E-04	7.510E-04	DCF1(8)
A-1	Eu-154 (Source: FGR 12)	7.678E+00	7.678E+00	DCF1(9)
A-1	Fr-223 (Source: FGR 12)	1.980E-01	1.980E-01	DCF1(10)
A-1	H-3 (Source: FGR 12)	0.000E+00	0.000E+00	DCF1(11)
A-1	Ni-63 (Source: FGR 12)	0.000E+00	0.000E+00	DCF1(12)
A-1	Pa-231 (Source: FGR 12)	1.906E-01	1.906E-01	DCF1(13)
A-1	Pa-234 (Source: FGR 12)	1.155E+01	1.155E+01	DCF1(14)
A-1	Pa-234m (Source: FGR 12)	8.967E-02	8.967E-02	DCF1(15)
A-1	Pb-210 (Source: FGR 12)	2.447E-03	2.447E-03	DCF1(16)
A-1	Pb-211 (Source: FGR 12)	3.064E-01	3.064E-01	DCF1(17)
A-1	Pb-214 (Source: FGR 12)	1.341E+00	1.341E+00	DCF1(18)
A-1	Po-210 (Source: FGR 12)	5.231E-05	5.231E-05	DCF1(19)
A-1	Po-211 (Source: FGR 12)	4.764E-02	4.764E-02	DCF1(20)
A-1	Po-214 (Source: FGR 12)	5.138E-04	5.138E-04	DCF1(21)
A-1	Po-215 (Source: FGR 12)	1.016E-03	1.016E-03	DCF1(22)
A-1	Po-218 (Source: FGR 12)	5.642E-05	5.642E-05	DCF1(23)
A-1	Ra-223 (Source: FGR 12)	6.034E-01	6.034E-01	DCF1(24)
A-1	Ra-226 (Source: FGR 12)	3.176E-02	3.176E-02	DCF1(25)
A-1	Rn-219 (Source: FGR 12)	3.083E-01	3.083E-01	DCF1(26)
A-1	Rn-222 (Source: FGR 12)	2.354E-03	2.354E-03	DCF1(27)
A-1	Sr-90 (Source: FGR 12)	7.043E-04	7.043E-04	DCF1(28)
A-1	Th-227 (Source: FGR 12)	5.212E-01	5.212E-01	DCF1(29)
A-1	Th-230 (Source: FGR 12)	1.209E-03	1.209E-03	DCF1(30)
A-1	Th-231 (Source: FGR 12)	3.643E-02	3.643E-02	DCF1(31)
A-1	Th-234 (Source: FGR 12)	2.410E-02	2.410E-02	DCF1(32)
A-1	Tl-207 (Source: FGR 12)	1.980E-02	1.980E-02	DCF1(33)
A-1	Tl-210 (Source: no data)	0.000E+00	-2.000E+00	DCF1(34)
A-1	U-234 (Source: FGR 12)	4.017E-04	4.017E-04	DCF1(35)
A-1	U-235 (Source: FGR 12)	7.211E-01	7.211E-01	DCF1(36)
A-1	U-238 (Source: FGR 12)	1.031E-04	1.031E-04	DCF1(37)
A-1	Y-90 (Source: FGR 12)	2.391E-02	2.391E-02	DCF1(38)
B-1	Dose conversion factors for inhalation, mrem/pCi:			
B-1	Ac-227+D	6.724E+00	6.700E+00	DCF2(1)
B-1	C-14(p) (Class: ORGANIC)	2.090E-06	2.090E-06	DCF2(2)
B-1	C-14(g) (Class: CO2)	2.350E-08	2.350E-08	C14GInhDCF
B-1	Cs-137+D	3.190E-05	3.190E-05	DCF2(3)
B-1	Eu-154	2.860E-04	2.860E-04	DCF2(4)
B-1	H-3	6.400E-08	6.400E-08	DCF2(5)
B-1	Ni-63	6.290E-06	6.290E-06	DCF2(6)
B-1	Pa-231	1.280E+00	1.280E+00	DCF2(7)
B-1	Pb-210+D	2.320E-02	1.360E-02	DCF2(8)

Dose Conversion Factor (and Related) Parameter Summary (continued)
Dose Library: FGR 11

Menu	Parameter	Current Value#	Base Case*	Parameter Name
B-1	Ra-226+D	8.594E-03	8.580E-03	DCF2(9)
B-1	Sr-90+D	1.308E-03	1.300E-03	DCF2(10)
B-1	Th-230	3.260E-01	3.260E-01	DCF2(11)
B-1	U-234	1.320E-01	1.320E-01	DCF2(12)
B-1	U-235+D	1.230E-01	1.230E-01	DCF2(13)
B-1	U-238	1.180E-01	1.180E-01	DCF2(14)
B-1	U-238+D	1.180E-01	1.180E-01	DCF2(15)
D-1	Dose conversion factors for ingestion, mrem/pCi:			
D-1	Ac-227+D	1.480E-02	1.410E-02	DCF3(1)
D-1	C-14	2.090E-06	2.090E-06	DCF3(2)
D-1	Cs-137+D	5.000E-05	5.000E-05	DCF3(3)
D-1	Eu-154	9.550E-06	9.550E-06	DCF3(4)
D-1	H-3	6.400E-08	6.400E-08	DCF3(5)
D-1	Ni-63	5.770E-07	5.770E-07	DCF3(6)
D-1	Pa-231	1.060E-02	1.060E-02	DCF3(7)
D-1	Pb-210+D	7.276E-03	5.370E-03	DCF3(8)
D-1	Ra-226+D	1.321E-03	1.320E-03	DCF3(9)
D-1	Sr-90+D	1.528E-04	1.420E-04	DCF3(10)
D-1	Th-230	5.480E-04	5.480E-04	DCF3(11)
D-1	U-234	2.830E-04	2.830E-04	DCF3(12)
D-1	U-235+D	2.673E-04	2.660E-04	DCF3(13)
D-1	U-238	2.550E-04	2.550E-04	DCF3(14)
D-1	U-238+D	2.687E-04	2.550E-04	DCF3(15)
D-34	Food transfer factors:			
D-34	Ac-227+D , plant/soil concentration ratio, dimensionless	2.500E-03	2.500E-03	RTF(1,1)
D-34	Ac-227+D , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	2.000E-05	2.000E-05	RTF(1,2)
D-34	Ac-227+D , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	2.000E-05	2.000E-05	RTF(1,3)
D-34				
D-34	C-14 , plant/soil concentration ratio, dimensionless	5.500E+00	5.500E+00	RTF(2,1)
D-34	C-14 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	3.100E-02	3.100E-02	RTF(2,2)
D-34	C-14 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	1.200E-02	1.200E-02	RTF(2,3)
D-34				
D-34	Cs-137+D , plant/soil concentration ratio, dimensionless	4.000E-02	4.000E-02	RTF(3,1)
D-34	Cs-137+D , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	3.000E-02	3.000E-02	RTF(3,2)
D-34	Cs-137+D , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	8.000E-03	8.000E-03	RTF(3,3)
D-34				
D-34	Eu-154 , plant/soil concentration ratio, dimensionless	2.500E-03	2.500E-03	RTF(4,1)
D-34	Eu-154 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	2.000E-03	2.000E-03	RTF(4,2)
D-34	Eu-154 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	5.000E-05	5.000E-05	RTF(4,3)
D-34				
D-34	H-3 , plant/soil concentration ratio, dimensionless	4.800E+00	4.800E+00	RTF(5,1)
D-34	H-3 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	1.200E-02	1.200E-02	RTF(5,2)
D-34	H-3 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	1.000E-02	1.000E-02	RTF(5,3)
D-34				
D-34	Ni-63 , plant/soil concentration ratio, dimensionless	5.000E-02	5.000E-02	RTF(6,1)
D-34	Ni-63 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	5.000E-03	5.000E-03	RTF(6,2)
D-34	Ni-63 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	2.000E-02	2.000E-02	RTF(6,3)
D-34				

Dose Conversion Factor (and Related) Parameter Summary (continued)
Dose Library: FGR 11

Menu	Parameter	Current Value#	Base Case*	Parameter Name
D-34	Pa-231 , plant/soil concentration ratio, dimensionless	1.000E-02	1.000E-02	RTF(7,1)
D-34	Pa-231 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	5.000E-03	5.000E-03	RTF(7,2)
D-34	Pa-231 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	5.000E-06	5.000E-06	RTF(7,3)
D-34				
D-34	Pb-210+D , plant/soil concentration ratio, dimensionless	1.000E-02	1.000E-02	RTF(8,1)
D-34	Pb-210+D , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	8.000E-04	8.000E-04	RTF(8,2)
D-34	Pb-210+D , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	3.000E-04	3.000E-04	RTF(8,3)
D-34				
D-34	Ra-226+D , plant/soil concentration ratio, dimensionless	4.000E-02	4.000E-02	RTF(9,1)
D-34	Ra-226+D , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	1.000E-03	1.000E-03	RTF(9,2)
D-34	Ra-226+D , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	1.000E-03	1.000E-03	RTF(9,3)
D-34				
D-34	Sr-90+D , plant/soil concentration ratio, dimensionless	3.000E-01	3.000E-01	RTF(10,1)
D-34	Sr-90+D , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	8.000E-03	8.000E-03	RTF(10,2)
D-34	Sr-90+D , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	2.000E-03	2.000E-03	RTF(10,3)
D-34				
D-34	Th-230 , plant/soil concentration ratio, dimensionless	1.000E-03	1.000E-03	RTF(11,1)
D-34	Th-230 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	1.000E-04	1.000E-04	RTF(11,2)
D-34	Th-230 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	5.000E-06	5.000E-06	RTF(11,3)
D-34				
D-34	U-234 , plant/soil concentration ratio, dimensionless	2.500E-03	2.500E-03	RTF(12,1)
D-34	U-234 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	3.400E-04	3.400E-04	RTF(12,2)
D-34	U-234 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	6.000E-04	6.000E-04	RTF(12,3)
D-34				
D-34	U-235+D , plant/soil concentration ratio, dimensionless	2.500E-03	2.500E-03	RTF(13,1)
D-34	U-235+D , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	3.400E-04	3.400E-04	RTF(13,2)
D-34	U-235+D , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	6.000E-04	6.000E-04	RTF(13,3)
D-34				
D-34	U-238 , plant/soil concentration ratio, dimensionless	2.500E-03	2.500E-03	RTF(14,1)
D-34	U-238 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	3.400E-04	3.400E-04	RTF(14,2)
D-34	U-238 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	6.000E-04	6.000E-04	RTF(14,3)
D-34				
D-34	U-238+D , plant/soil concentration ratio, dimensionless	2.500E-03	2.500E-03	RTF(15,1)
D-34	U-238+D , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	3.400E-04	3.400E-04	RTF(15,2)
D-34	U-238+D , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	6.000E-04	6.000E-04	RTF(15,3)
D-5	Bioaccumulation factors, fresh water, L/kg:			
D-5	Ac-227+D , fish	1.500E+01	1.500E+01	BIOFAC(1,1)
D-5	Ac-227+D , crustacea and mollusks	1.000E+03	1.000E+03	BIOFAC(1,2)
D-5				
D-5	C-14 , fish	5.000E+04	5.000E+04	BIOFAC(2,1)
D-5	C-14 , crustacea and mollusks	9.100E+03	9.100E+03	BIOFAC(2,2)
D-5				
D-5	Cs-137+D , fish	2.000E+03	2.000E+03	BIOFAC(3,1)
D-5	Cs-137+D , crustacea and mollusks	1.000E+02	1.000E+02	BIOFAC(3,2)
D-5				
D-5	Eu-154 , fish	5.000E+01	5.000E+01	BIOFAC(4,1)
D-5	Eu-154 , crustacea and mollusks	1.000E+03	1.000E+03	BIOFAC(4,2)
D-5				

Dose Conversion Factor (and Related) Parameter Summary (continued)
Dose Library: FGR 11

Menu	Parameter	Current Value#	Base Case*	Parameter Name
D-5	H-3 , fish	1.000E+00	1.000E+00	BIOFAC(5,1)
D-5	H-3 , crustacea and mollusks	1.000E+00	1.000E+00	BIOFAC(5,2)
D-5				
D-5	Ni-63 , fish	1.000E+02	1.000E+02	BIOFAC(6,1)
D-5	Ni-63 , crustacea and mollusks	1.000E+02	1.000E+02	BIOFAC(6,2)
D-5				
D-5	Pa-231 , fish	1.000E+01	1.000E+01	BIOFAC(7,1)
D-5	Pa-231 , crustacea and mollusks	1.100E+02	1.100E+02	BIOFAC(7,2)
D-5				
D-5	Pb-210+D , fish	3.000E+02	3.000E+02	BIOFAC(8,1)
D-5	Pb-210+D , crustacea and mollusks	1.000E+02	1.000E+02	BIOFAC(8,2)
D-5				
D-5	Ra-226+D , fish	5.000E+01	5.000E+01	BIOFAC(9,1)
D-5	Ra-226+D , crustacea and mollusks	2.500E+02	2.500E+02	BIOFAC(9,2)
D-5				
D-5	Sr-90+D , fish	6.000E+01	6.000E+01	BIOFAC(10,1)
D-5	Sr-90+D , crustacea and mollusks	1.000E+02	1.000E+02	BIOFAC(10,2)
D-5				
D-5	Th-230 , fish	1.000E+02	1.000E+02	BIOFAC(11,1)
D-5	Th-230 , crustacea and mollusks	5.000E+02	5.000E+02	BIOFAC(11,2)
D-5				
D-5	U-234 , fish	1.000E+01	1.000E+01	BIOFAC(12,1)
D-5	U-234 , crustacea and mollusks	6.000E+01	6.000E+01	BIOFAC(12,2)
D-5				
D-5	U-235+D , fish	1.000E+01	1.000E+01	BIOFAC(13,1)
D-5	U-235+D , crustacea and mollusks	6.000E+01	6.000E+01	BIOFAC(13,2)
D-5				
D-5	U-238 , fish	1.000E+01	1.000E+01	BIOFAC(14,1)
D-5	U-238 , crustacea and mollusks	6.000E+01	6.000E+01	BIOFAC(14,2)
D-5				
D-5	U-238+D , fish	1.000E+01	1.000E+01	BIOFAC(15,1)
D-5	U-238+D , crustacea and mollusks	6.000E+01	6.000E+01	BIOFAC(15,2)

#For DCF1(xxx) only, factors are for infinite depth & area. See ETFG table in Ground Pathway of Detailed Report.
*Base Case means Default.Lib w/o Associate Nuclide contributions.

Summary : IR/FSS_7A B01_Res_Avg Bkgd Subtract
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Site-Specific Parameter Summary

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R011	Area of contaminated zone (m**2)	1.000E+00	1.000E+04	---	AREA
R011	Thickness of contaminated zone (m)	2.000E+00	2.000E+00	---	THICK0
R011	Fraction of contamination that is submerged	0.000E+00	0.000E+00	---	SUBMFRACT
R011	Length parallel to aquifer flow (m)	1.000E+00	1.000E+02	---	LCZPAQ
R011	Basic radiation dose limit (mrem/yr)	2.500E+01	3.000E+01	---	BRDL
R011	Time since placement of material (yr)	0.000E+00	0.000E+00	---	TI
R011	Times for calculations (yr)	1.000E+00	1.000E+00	---	T(2)
R011	Times for calculations (yr)	5.000E+00	3.000E+00	---	T(3)
R011	Times for calculations (yr)	1.000E+01	1.000E+01	---	T(4)
R011	Times for calculations (yr)	5.000E+01	3.000E+01	---	T(5)
R011	Times for calculations (yr)	1.000E+02	1.000E+02	---	T(6)
R011	Times for calculations (yr)	5.000E+02	3.000E+02	---	T(7)
R011	Times for calculations (yr)	1.000E+03	1.000E+03	---	T(8)
R011	Times for calculations (yr)	not used	0.000E+00	---	T(9)
R011	Times for calculations (yr)	not used	0.000E+00	---	T(10)
R012	Initial principal radionuclide (pCi/g): Ac-227	8.000E-04	0.000E+00	---	S1(1)
R012	Initial principal radionuclide (pCi/g): C-14	1.160E+00	0.000E+00	---	S1(2)
R012	Initial principal radionuclide (pCi/g): Cs-137	4.050E+00	0.000E+00	---	S1(3)
R012	Initial principal radionuclide (pCi/g): Eu-154	8.010E-02	0.000E+00	---	S1(4)
R012	Initial principal radionuclide (pCi/g): H-3	4.120E+01	0.000E+00	---	S1(5)
R012	Initial principal radionuclide (pCi/g): Ni-63	1.010E+00	0.000E+00	---	S1(6)
R012	Initial principal radionuclide (pCi/g): Pa-231	8.000E-04	0.000E+00	---	S1(7)
R012	Initial principal radionuclide (pCi/g): Pb-210	2.720E-01	0.000E+00	---	S1(8)
R012	Initial principal radionuclide (pCi/g): Ra-226	2.720E-01	0.000E+00	---	S1(9)
R012	Initial principal radionuclide (pCi/g): Sr-90	7.520E+00	0.000E+00	---	S1(10)
R012	Initial principal radionuclide (pCi/g): Th-230	5.900E-02	0.000E+00	---	S1(11)
R012	Initial principal radionuclide (pCi/g): U-234	5.900E-02	0.000E+00	---	S1(12)
R012	Initial principal radionuclide (pCi/g): U-235	8.000E-04	0.000E+00	---	S1(13)
R012	Initial principal radionuclide (pCi/g): U-238	5.900E-02	0.000E+00	---	S1(14)
R012	Concentration in groundwater (pCi/L): Ac-227	not used	0.000E+00	---	W1(1)
R012	Concentration in groundwater (pCi/L): C-14	not used	0.000E+00	---	W1(2)
R012	Concentration in groundwater (pCi/L): Cs-137	not used	0.000E+00	---	W1(3)
R012	Concentration in groundwater (pCi/L): Eu-154	not used	0.000E+00	---	W1(4)
R012	Concentration in groundwater (pCi/L): H-3	not used	0.000E+00	---	W1(5)
R012	Concentration in groundwater (pCi/L): Ni-63	not used	0.000E+00	---	W1(6)
R012	Concentration in groundwater (pCi/L): Pa-231	not used	0.000E+00	---	W1(7)
R012	Concentration in groundwater (pCi/L): Pb-210	not used	0.000E+00	---	W1(8)
R012	Concentration in groundwater (pCi/L): Ra-226	not used	0.000E+00	---	W1(9)
R012	Concentration in groundwater (pCi/L): Sr-90	not used	0.000E+00	---	W1(10)
R012	Concentration in groundwater (pCi/L): Th-230	not used	0.000E+00	---	W1(11)
R012	Concentration in groundwater (pCi/L): U-234	not used	0.000E+00	---	W1(12)
R012	Concentration in groundwater (pCi/L): U-235	not used	0.000E+00	---	W1(13)
R012	Concentration in groundwater (pCi/L): U-238	not used	0.000E+00	---	W1(14)
R013	Cover depth (m)	0.000E+00	0.000E+00	---	COVER0
R013	Density of cover material (g/cm**3)	not used	1.500E+00	---	DENSCV
R013	Cover depth erosion rate (m/yr)	not used	1.000E-03	---	VCV
R013	Density of contaminated zone (g/cm**3)	1.660E+00	1.500E+00	---	DENSCZ
R013	Contaminated zone erosion rate (m/yr)	1.000E-03	1.000E-03	---	VCZ

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Site-Specific Parameter Summary (continued)

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R013	Contaminated zone total porosity	3.300E-01	4.000E-01	---	TPCZ
R013	Contaminated zone field capacity	2.400E-01	2.000E-01	---	FCCZ
R013	Contaminated zone hydraulic conductivity (m/yr)	5.000E+03	1.000E+01	---	HCCZ
R013	Contaminated zone b parameter	4.900E+00	5.300E+00	---	BCZ
R013	Average annual wind speed (m/sec)	6.230E+00	2.000E+00	---	WIND
R013	Humidity in air (g/m**3)	8.000E+00	8.000E+00	---	HUMID
R013	Evapotranspiration coefficient	4.600E-01	5.000E-01	---	EVAPTR
R013	Precipitation (m/yr)	1.230E+00	1.000E+00	---	PRECIP
R013	Irrigation (m/yr)	2.600E-01	2.000E-01	---	RI
R013	Irrigation mode	overhead	overhead	---	IDITCH
R013	Runoff coefficient	2.000E-01	2.000E-01	---	RUNOFF
R013	Watershed area for nearby stream or pond (m**2)	1.000E+06	1.000E+06	---	WAREA
R013	Accuracy for water/soil computations	1.000E-03	1.000E-03	Romberg failures occurred	EPS
R014	Density of saturated zone (g/cm**3)	1.660E+00	1.500E+00	---	DENSAQ
R014	Saturated zone total porosity	3.300E-01	4.000E-01	---	TPSZ
R014	Saturated zone effective porosity	2.400E-01	2.000E-01	---	EPSZ
R014	Saturated zone field capacity	2.000E-01	2.000E-01	---	FCSZ
R014	Saturated zone hydraulic conductivity (m/yr)	2.000E+04	1.000E+02	---	HCSZ
R014	Saturated zone hydraulic gradient	4.800E-03	2.000E-02	---	HGWT
R014	Saturated zone b parameter	4.900E+00	5.300E+00	---	BSZ
R014	Water table drop rate (m/yr)	1.000E-03	1.000E-03	---	VWT
R014	Well pump intake depth (m below water table)	1.800E+01	1.000E+01	---	DWIBWT
R014	Model: Nondispersion (ND) or Mass-Balance (MB)	ND	ND	---	MODEL
R014	Well pumping rate (m**3/yr)	2.500E+02	2.500E+02	---	UW
R015	Number of unsaturated zone strata	1	1	---	NS
R015	Unsat. zone 1, thickness (m)	0.000E+00	4.000E+00	---	H(1)
R015	Unsat. zone 1, soil density (g/cm**3)	1.660E+00	1.500E+00	---	DENSUZ(1)
R015	Unsat. zone 1, total porosity	3.300E-01	4.000E-01	---	TPUZ(1)
R015	Unsat. zone 1, effective porosity	2.400E-01	2.000E-01	---	EPUZ(1)
R015	Unsat. zone 1, field capacity	2.000E-01	2.000E-01	---	FCUZ(1)
R015	Unsat. zone 1, soil-specific b parameter	4.900E+00	5.300E+00	---	BUZ(1)
R015	Unsat. zone 1, hydraulic conductivity (m/yr)	5.000E+03	1.000E+01	---	HCUZ(1)
R016	Distribution coefficients for Ac-227				
R016	Contaminated zone (cm**3/g)	2.000E+01	2.000E+01	---	DCNUCC(1)
R016	Unsaturated zone 1 (cm**3/g)	2.000E+01	2.000E+01	---	DCNUCU(1,1)
R016	Saturated zone (cm**3/g)	2.000E+01	2.000E+01	---	DCNUCS(1)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	1.004E-02	ALEACH(1)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(1)
R016	Distribution coefficients for C-14				
R016	Contaminated zone (cm**3/g)	0.000E+00	0.000E+00	---	DCNUCC(2)
R016	Unsaturated zone 1 (cm**3/g)	0.000E+00	0.000E+00	---	DCNUCU(2,1)
R016	Saturated zone (cm**3/g)	0.000E+00	0.000E+00	---	DCNUCS(2)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	1.399E+00	ALEACH(2)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(2)

Site-Specific Parameter Summary (continued)

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R016	Distribution coefficients for Cs-137				
R016	Contaminated zone (cm**3/g)	5.300E+02	4.600E+03	---	DCNUCC(3)
R016	Unsaturated zone 1 (cm**3/g)	5.300E+02	4.600E+03	---	DCNUCU(3,1)
R016	Saturated zone (cm**3/g)	5.300E+02	4.600E+03	---	DCNUCS(3)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	3.817E-04	ALEACH(3)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(3)
R016	Distribution coefficients for Eu-154				
R016	Contaminated zone (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCC(4)
R016	Unsaturated zone 1 (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCU(4,1)
R016	Saturated zone (cm**3/g)	-1.000E+00	-1.000E+00	8.249E+02	DCNUCS(4)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	2.453E-04	ALEACH(4)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(4)
R016	Distribution coefficients for H-3				
R016	Contaminated zone (cm**3/g)	0.000E+00	0.000E+00	---	DCNUCC(5)
R016	Unsaturated zone 1 (cm**3/g)	0.000E+00	0.000E+00	---	DCNUCU(5,1)
R016	Saturated zone (cm**3/g)	0.000E+00	0.000E+00	---	DCNUCS(5)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	1.399E+00	ALEACH(5)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(5)
R016	Distribution coefficients for Ni-63				
R016	Contaminated zone (cm**3/g)	1.000E+03	1.000E+03	---	DCNUCC(6)
R016	Unsaturated zone 1 (cm**3/g)	1.000E+03	1.000E+03	---	DCNUCU(6,1)
R016	Saturated zone (cm**3/g)	1.000E+03	1.000E+03	---	DCNUCS(6)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	2.023E-04	ALEACH(6)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(6)
R016	Distribution coefficients for Pa-231				
R016	Contaminated zone (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCC(7)
R016	Unsaturated zone 1 (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCU(7,1)
R016	Saturated zone (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCS(7)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	4.035E-03	ALEACH(7)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(7)
R016	Distribution coefficients for Pb-210				
R016	Contaminated zone (cm**3/g)	1.000E+02	1.000E+02	---	DCNUCC(8)
R016	Unsaturated zone 1 (cm**3/g)	1.000E+02	1.000E+02	---	DCNUCU(8,1)
R016	Saturated zone (cm**3/g)	1.000E+02	1.000E+02	---	DCNUCS(8)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	2.020E-03	ALEACH(8)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(8)
R016	Distribution coefficients for Ra-226				
R016	Contaminated zone (cm**3/g)	7.000E+01	7.000E+01	---	DCNUCC(9)
R016	Unsaturated zone 1 (cm**3/g)	7.000E+01	7.000E+01	---	DCNUCU(9,1)
R016	Saturated zone (cm**3/g)	7.000E+01	7.000E+01	---	DCNUCS(9)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	2.885E-03	ALEACH(9)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(9)

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Site-Specific Parameter Summary (continued)

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R016	Distribution coefficients for Sr-90				
R016	Contaminated zone (cm**3/g)	2.200E+01	3.000E+01	---	DCNUCC(10)
R016	Unsaturated zone 1 (cm**3/g)	2.200E+01	3.000E+01	---	DCNUCU(10,1)
R016	Saturated zone (cm**3/g)	2.200E+01	3.000E+01	---	DCNUCS(10)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	9.137E-03	ALEACH(10)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(10)
R016	Distribution coefficients for Th-230				
R016	Contaminated zone (cm**3/g)	6.000E+04	6.000E+04	---	DCNUCC(11)
R016	Unsaturated zone 1 (cm**3/g)	6.000E+04	6.000E+04	---	DCNUCU(11,1)
R016	Saturated zone (cm**3/g)	6.000E+04	6.000E+04	---	DCNUCS(11)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	3.372E-06	ALEACH(11)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(11)
R016	Distribution coefficients for U-234				
R016	Contaminated zone (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCC(12)
R016	Unsaturated zone 1 (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCU(12,1)
R016	Saturated zone (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCS(12)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	4.035E-03	ALEACH(12)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(12)
R016	Distribution coefficients for U-235				
R016	Contaminated zone (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCC(13)
R016	Unsaturated zone 1 (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCU(13,1)
R016	Saturated zone (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCS(13)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	4.035E-03	ALEACH(13)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(13)
R016	Distribution coefficients for U-238				
R016	Contaminated zone (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCC(14)
R016	Unsaturated zone 1 (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCU(14,1)
R016	Saturated zone (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCS(14)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	4.035E-03	ALEACH(14)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(14)
R017	Inhalation rate (m**3/yr)	7.300E+03	8.400E+03	---	INHALR
R017	Mass loading for inhalation (g/m**3)	1.000E-04	1.000E-04	---	MLINH
R017	Exposure duration	3.000E+01	3.000E+01	---	ED
R017	Shielding factor, inhalation	4.000E-01	4.000E-01	---	SHF3
R017	Shielding factor, external gamma	8.000E-01	7.000E-01	---	SHF1
R017	Fraction of time spent indoors	5.000E-01	5.000E-01	---	FIND
R017	Fraction of time spent outdoors (on site)	2.500E-01	2.500E-01	---	FOTD
R017	Shape factor flag, external gamma	1.000E+00	1.000E+00	>0 shows circular AREA.	FS

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Site-Specific Parameter Summary (continued)

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R017	Radii of shape factor array (used if FS = -1):				
R017	Outer annular radius (m), ring 1:	not used	5.000E+01	---	RAD_SHAPE(1)
R017	Outer annular radius (m), ring 2:	not used	7.071E+01	---	RAD_SHAPE(2)
R017	Outer annular radius (m), ring 3:	not used	0.000E+00	---	RAD_SHAPE(3)
R017	Outer annular radius (m), ring 4:	not used	0.000E+00	---	RAD_SHAPE(4)
R017	Outer annular radius (m), ring 5:	not used	0.000E+00	---	RAD_SHAPE(5)
R017	Outer annular radius (m), ring 6:	not used	0.000E+00	---	RAD_SHAPE(6)
R017	Outer annular radius (m), ring 7:	not used	0.000E+00	---	RAD_SHAPE(7)
R017	Outer annular radius (m), ring 8:	not used	0.000E+00	---	RAD_SHAPE(8)
R017	Outer annular radius (m), ring 9:	not used	0.000E+00	---	RAD_SHAPE(9)
R017	Outer annular radius (m), ring 10:	not used	0.000E+00	---	RAD_SHAPE(10)
R017	Outer annular radius (m), ring 11:	not used	0.000E+00	---	RAD_SHAPE(11)
R017	Outer annular radius (m), ring 12:	not used	0.000E+00	---	RAD_SHAPE(12)
R017	Fractions of annular areas within AREA:				
R017	Ring 1	not used	1.000E+00	---	FRACA(1)
R017	Ring 2	not used	2.732E-01	---	FRACA(2)
R017	Ring 3	not used	0.000E+00	---	FRACA(3)
R017	Ring 4	not used	0.000E+00	---	FRACA(4)
R017	Ring 5	not used	0.000E+00	---	FRACA(5)
R017	Ring 6	not used	0.000E+00	---	FRACA(6)
R017	Ring 7	not used	0.000E+00	---	FRACA(7)
R017	Ring 8	not used	0.000E+00	---	FRACA(8)
R017	Ring 9	not used	0.000E+00	---	FRACA(9)
R017	Ring 10	not used	0.000E+00	---	FRACA(10)
R017	Ring 11	not used	0.000E+00	---	FRACA(11)
R017	Ring 12	not used	0.000E+00	---	FRACA(12)
R018	Fruits, vegetables and grain consumption (kg/yr)	1.600E+02	1.600E+02	---	DIET(1)
R018	Leafy vegetable consumption (kg/yr)	1.400E+01	1.400E+01	---	DIET(2)
R018	Milk consumption (L/yr)	not used	9.200E+01	---	DIET(3)
R018	Meat and poultry consumption (kg/yr)	not used	6.300E+01	---	DIET(4)
R018	Fish consumption (kg/yr)	not used	5.400E+00	---	DIET(5)
R018	Other seafood consumption (kg/yr)	not used	9.000E-01	---	DIET(6)
R018	Soil ingestion rate (g/yr)	4.380E+01	3.650E+01	---	SOIL
R018	Drinking water intake (L/yr)	7.000E+02	5.100E+02	---	DWI
R018	Contamination fraction of drinking water	1.000E+00	1.000E+00	---	FDW
R018	Contamination fraction of household water	not used	1.000E+00	---	FHHW
R018	Contamination fraction of livestock water	not used	1.000E+00	---	FLW
R018	Contamination fraction of irrigation water	1.000E+00	1.000E+00	---	FIRW
R018	Contamination fraction of aquatic food	not used	5.000E-01	---	FR9
R018	Contamination fraction of plant food	-1	-1	0.500E-03	FPLANT
R018	Contamination fraction of meat	not used	-1	---	FMEAT
R018	Contamination fraction of milk	not used	-1	---	FMILK
R019	Livestock fodder intake for meat (kg/day)	not used	6.800E+01	---	LFI5
R019	Livestock fodder intake for milk (kg/day)	not used	5.500E+01	---	LFI6
R019	Livestock water intake for meat (L/day)	not used	5.000E+01	---	LWI5
R019	Livestock water intake for milk (L/day)	not used	1.600E+02	---	LWI6
R019	Livestock soil intake (kg/day)	not used	5.000E-01	---	LSI

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Site-Specific Parameter Summary (continued)

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R019	Mass loading for foliar deposition (g/m**3)	1.000E-05	1.000E-04	---	MLFD
R019	Depth of soil mixing layer (m)	1.500E-01	1.500E-01	---	DM
R019	Depth of roots (m)	9.000E-01	9.000E-01	---	DROOT
R019	Drinking water fraction from ground water	1.000E+00	1.000E+00	---	FGWDW
R019	Household water fraction from ground water	not used	1.000E+00	---	FGWHH
R019	Livestock water fraction from ground water	not used	1.000E+00	---	FGWLW
R019	Irrigation fraction from ground water	1.000E+00	1.000E+00	---	FGWIR
R19B	Wet weight crop yield for Non-Leafy (kg/m**2)	7.000E-01	7.000E-01	---	YV(1)
R19B	Wet weight crop yield for Leafy (kg/m**2)	1.500E+00	1.500E+00	---	YV(2)
R19B	Wet weight crop yield for Fodder (kg/m**2)	not used	1.100E+00	---	YV(3)
R19B	Growing Season for Non-Leafy (years)	1.700E-01	1.700E-01	---	TE(1)
R19B	Growing Season for Leafy (years)	2.500E-01	2.500E-01	---	TE(2)
R19B	Growing Season for Fodder (years)	not used	8.000E-02	---	TE(3)
R19B	Translocation Factor for Non-Leafy	1.000E-01	1.000E-01	---	TIV(1)
R19B	Translocation Factor for Leafy	1.000E+00	1.000E+00	---	TIV(2)
R19B	Translocation Factor for Fodder	not used	1.000E+00	---	TIV(3)
R19B	Dry Foliar Interception Fraction for Non-Leafy	2.500E-01	2.500E-01	---	RDRY(1)
R19B	Dry Foliar Interception Fraction for Leafy	2.500E-01	2.500E-01	---	RDRY(2)
R19B	Dry Foliar Interception Fraction for Fodder	not used	2.500E-01	---	RDRY(3)
R19B	Wet Foliar Interception Fraction for Non-Leafy	2.500E-01	2.500E-01	---	RWET(1)
R19B	Wet Foliar Interception Fraction for Leafy	2.500E-01	2.500E-01	---	RWET(2)
R19B	Wet Foliar Interception Fraction for Fodder	not used	2.500E-01	---	RWET(3)
R19B	Weathering Removal Constant for Vegetation	2.000E+01	2.000E+01	---	WLAM
C14	C-12 concentration in water (g/cm**3)	2.000E-05	2.000E-05	---	C12WTR
C14	C-12 concentration in contaminated soil (g/g)	3.000E-02	3.000E-02	---	C12CZ
C14	Fraction of vegetation carbon from soil	2.000E-02	2.000E-02	---	CSOIL
C14	Fraction of vegetation carbon from air	9.800E-01	9.800E-01	---	CAIR
C14	C-14 evasion layer thickness in soil (m)	3.000E-01	3.000E-01	---	DMC
C14	C-14 evasion flux rate from soil (1/sec)	7.000E-07	7.000E-07	---	EVSN
C14	C-12 evasion flux rate from soil (1/sec)	1.000E-10	1.000E-10	---	REVSN
C14	Fraction of grain in beef cattle feed	8.000E-01	8.000E-01	---	AVFG4
C14	Fraction of grain in milk cow feed	2.000E-01	2.000E-01	---	AVFG5
STOR	Storage times of contaminated foodstuffs (days):				
STOR	Fruits, non-leafy vegetables, and grain	1.400E+01	1.400E+01	---	STOR_T(1)
STOR	Leafy vegetables	1.000E+00	1.000E+00	---	STOR_T(2)
STOR	Milk	1.000E+00	1.000E+00	---	STOR_T(3)
STOR	Meat and poultry	2.000E+01	2.000E+01	---	STOR_T(4)
STOR	Fish	7.000E+00	7.000E+00	---	STOR_T(5)
STOR	Crustacea and mollusks	7.000E+00	7.000E+00	---	STOR_T(6)
STOR	Well water	1.000E+00	1.000E+00	---	STOR_T(7)
STOR	Surface water	1.000E+00	1.000E+00	---	STOR_T(8)
STOR	Livestock fodder	4.500E+01	4.500E+01	---	STOR_T(9)
R021	Thickness of building foundation (m)	not used	1.500E-01	---	FLOOR1
R021	Bulk density of building foundation (g/cm**3)	not used	2.400E+00	---	DENSFL
R021	Total porosity of the cover material	not used	4.000E-01	---	TPCV
R021	Total porosity of the building foundation	not used	1.000E-01	---	TPFL

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Site-Specific Parameter Summary (continued)

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R021	Volumetric water content of the cover material	not used	5.000E-02	---	PH2OCV
R021	Volumetric water content of the foundation	not used	3.000E-02	---	PH2OFL
R021	Diffusion coefficient for radon gas (m/sec):				
R021	in cover material	not used	2.000E-06	---	DIFCV
R021	in foundation material	not used	3.000E-07	---	DIFFL
R021	in contaminated zone soil	not used	2.000E-06	---	DIFCZ
R021	Radon vertical dimension of mixing (m)	not used	2.000E+00	---	HMIX
R021	Average building air exchange rate (1/hr)	not used	5.000E-01	---	REXG
R021	Height of the building (room) (m)	not used	2.500E+00	---	HRM
R021	Building interior area factor	not used	0.000E+00	---	FAI
R021	Building depth below ground surface (m)	not used	-1.000E+00	---	DMFL
R021	Emanating power of Rn-222 gas	not used	2.500E-01	---	EMANA(1)
R021	Emanating power of Rn-220 gas	not used	1.500E-01	---	EMANA(2)
TITL	Number of graphical time points	32	---	---	NPTS
TITL	Maximum number of integration points for dose	17	---	---	LYMAX
TITL	Maximum number of integration points for risk	257	---	---	KYMAX

Summary of Pathway Selections

Pathway	User Selection
1 -- external gamma	active
2 -- inhalation (w/o radon)	active
3 -- plant ingestion	active
4 -- meat ingestion	suppressed
5 -- milk ingestion	suppressed
6 -- aquatic foods	suppressed
7 -- drinking water	active
8 -- soil ingestion	active
9 -- radon	suppressed
Find peak pathway doses	suppressed

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Contaminated Zone Dimensions		Initial Soil Concentrations, pCi/g	
Area:	1.00 square meters	Ac-227	8.000E-04
Thickness:	2.00 meters	C-14	1.160E+00
Cover Depth:	0.00 meters	Cs-137	4.050E+00
		Eu-154	8.010E-02
		H-3	4.120E+01
		Ni-63	1.010E+00
		Pa-231	8.000E-04
		Pb-210	2.720E-01
		Ra-226	2.720E-01
		Sr-90	7.520E+00
		Th-230	5.900E-02
		U-234	5.900E-02
		U-235	8.000E-04
		U-238	5.900E-02

Total Dose TDOSE(t), mrem/yr
Basic Radiation Dose Limit = 2.500E+01 mrem/yr
Total Mixture Sum M(t) = Fraction of Basic Dose Limit Received at Time (t)

t (years):	0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
TDOSE(t):	1.205E+00	1.181E+00	1.083E+00	9.750E-01	4.682E-01	2.391E-01	4.413E-02	1.307E-02
M(t):	4.818E-02	4.725E-02	4.333E-02	3.900E-02	1.873E-02	9.566E-03	1.765E-03	5.230E-04

Maximum TDOSE(t): 1.205E+00 mrem/yr at t = 0.000E+00 years

Summary : IR/FSS_7A B01_Res_Avg Bkgd Subtract
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Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 0.000E+00 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	1.108E-04	0.0001	3.985E-05	0.0000	0.000E+00	0.0000	2.522E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.808E-07	0.0000
C-14	2.749E-07	0.0000	4.424E-07	0.0000	0.000E+00	0.0000	1.494E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.673E-08	0.0000
Cs-137	9.061E-01	0.7522	9.660E-07	0.0000	0.000E+00	0.0000	6.965E-04	0.0006	0.000E+00	0.0000	0.000E+00	0.0000	6.575E-06	0.0000
Eu-154	3.831E-02	0.0318	1.666E-07	0.0000	0.000E+00	0.0000	1.600E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.416E-08	0.0000
H-3	0.000E+00	0.0000	3.823E-05	0.0000	0.000E+00	0.0000	4.731E-04	0.0004	0.000E+00	0.0000	0.000E+00	0.0000	3.038E-08	0.0000
Ni-63	0.000E+00	0.0000	4.788E-08	0.0000	0.000E+00	0.0000	2.526E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.907E-08	0.0000
Pa-231	1.241E-05	0.0000	8.369E-06	0.0000	0.000E+00	0.0000	7.411E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.841E-07	0.0000
Pb-210	1.236E-04	0.0001	4.695E-05	0.0000	0.000E+00	0.0000	1.694E-03	0.0014	0.000E+00	0.0000	0.000E+00	0.0000	6.395E-05	0.0001
Ra-226	1.957E-01	0.1625	1.839E-05	0.0000	0.000E+00	0.0000	1.280E-03	0.0011	0.000E+00	0.0000	0.000E+00	0.0000	1.278E-05	0.0000
Sr-90	1.199E-02	0.0100	7.322E-05	0.0001	0.000E+00	0.0000	2.951E-02	0.0245	0.000E+00	0.0000	0.000E+00	0.0000	3.713E-05	0.0000
Th-230	1.467E-05	0.0000	1.455E-04	0.0001	0.000E+00	0.0000	2.869E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.063E-06	0.0000
U-234	1.899E-06	0.0000	5.880E-05	0.0000	0.000E+00	0.0000	3.625E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.474E-07	0.0000
U-235	4.380E-05	0.0000	7.430E-07	0.0000	0.000E+00	0.0000	4.651E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.015E-09	0.0000
U-238	6.056E-04	0.0005	5.258E-05	0.0000	0.000E+00	0.0000	3.442E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.197E-07	0.0000
Total	1.153E+00	0.9572	4.843E-04	0.0004	0.000E+00	0.0000	3.369E-02	0.0280	0.000E+00	0.0000	0.000E+00	0.0000	1.233E-04	0.0001

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 0.000E+00 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	1.355E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	9.704E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.891E-04	0.0002
C-14	9.569E-04	0.0008	0.000E+00	0.0000	0.000E+00	0.0000	7.276E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.726E-04	0.0008
Cs-137	3.418E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.100E-11	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.068E-01	0.7528
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.831E-02	0.0318
H-3	1.717E-03	0.0014	0.000E+00	0.0000	0.000E+00	0.0000	2.288E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.229E-03	0.0019
Ni-63	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.593E-06	0.0000
Pa-231	3.227E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.262E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.075E-05	0.0001
Pb-210	1.703E-03	0.0014	0.000E+00	0.0000	0.000E+00	0.0000	1.171E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.632E-03	0.0030
Ra-226	7.306E-04	0.0006	0.000E+00	0.0000	0.000E+00	0.0000	5.090E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.978E-01	0.1642
Sr-90	1.183E-02	0.0098	0.000E+00	0.0000	0.000E+00	0.0000	9.099E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.345E-02	0.0444
Th-230	1.970E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.322E-12	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.641E-04	0.0001
U-234	5.892E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.124E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.238E-04	0.0001
U-235	7.552E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.285E-11	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.535E-05	0.0000
U-238	5.594E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.915E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.181E-04	0.0006
Total	1.723E-02	0.0143	0.000E+00	0.0000	0.000E+00	0.0000	1.334E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.205E+00	1.0000

*Sum of all water independent and dependent pathways.

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Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+00 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	1.063E-04	0.0001	3.822E-05	0.0000	0.000E+00	0.0000	2.419E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.652E-07	0.0000
C-14	2.451E-09	0.0000	3.944E-09	0.0000	0.000E+00	0.0000	1.454E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.492E-10	0.0000
Cs-137	8.851E-01	0.7493	9.436E-07	0.0000	0.000E+00	0.0000	6.803E-04	0.0006	0.000E+00	0.0000	0.000E+00	0.0000	6.422E-06	0.0000
Eu-154	3.540E-02	0.0300	1.540E-07	0.0000	0.000E+00	0.0000	1.478E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.233E-08	0.0000
H-3	0.000E+00	0.0000	2.699E-06	0.0000	0.000E+00	0.0000	3.446E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.144E-09	0.0000
Ni-63	0.000E+00	0.0000	4.753E-08	0.0000	0.000E+00	0.0000	2.507E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.893E-08	0.0000
Pa-231	1.581E-05	0.0000	9.575E-06	0.0000	0.000E+00	0.0000	7.461E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.948E-07	0.0000
Pb-210	1.195E-04	0.0001	4.542E-05	0.0000	0.000E+00	0.0000	1.639E-03	0.0014	0.000E+00	0.0000	0.000E+00	0.0000	6.187E-05	0.0001
Ra-226	1.951E-01	0.1652	1.976E-05	0.0000	0.000E+00	0.0000	1.328E-03	0.0011	0.000E+00	0.0000	0.000E+00	0.0000	1.469E-05	0.0000
Sr-90	1.161E-02	0.0098	7.085E-05	0.0001	0.000E+00	0.0000	2.856E-02	0.0242	0.000E+00	0.0000	0.000E+00	0.0000	3.593E-05	0.0000
Th-230	3.303E-05	0.0000	1.455E-04	0.0001	0.000E+00	0.0000	2.991E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.064E-06	0.0000
U-234	1.891E-06	0.0000	5.856E-05	0.0000	0.000E+00	0.0000	3.610E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.452E-07	0.0000
U-235	4.362E-05	0.0000	7.402E-07	0.0000	0.000E+00	0.0000	4.648E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.993E-09	0.0000
U-238	6.032E-04	0.0005	5.237E-05	0.0000	0.000E+00	0.0000	3.428E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.177E-07	0.0000
Total	1.128E+00	0.9551	4.448E-04	0.0004	0.000E+00	0.0000	3.226E-02	0.0273	0.000E+00	0.0000	0.000E+00	0.0000	1.217E-04	0.0001

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+00 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	1.504E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	1.096E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.977E-04	0.0003
C-14	1.109E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.909E-11	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.124E-05	0.0000
Cs-137	1.019E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.213E-11	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.858E-01	0.7499
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.540E-02	0.0300
H-3	1.414E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	1.917E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.785E-04	0.0002
Ni-63	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.573E-06	0.0000
Pa-231	5.317E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.875E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.631E-05	0.0001
Pb-210	4.633E-03	0.0039	0.000E+00	0.0000	0.000E+00	0.0000	3.335E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.499E-03	0.0055
Ra-226	1.628E-03	0.0014	0.000E+00	0.0000	0.000E+00	0.0000	1.196E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.981E-01	0.1677
Sr-90	1.346E-02	0.0114	0.000E+00	0.0000	0.000E+00	0.0000	1.057E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.373E-02	0.0455
Th-230	1.263E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.011E-12	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.827E-04	0.0002
U-234	9.018E-05	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	6.571E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.548E-04	0.0001
U-235	1.157E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.429E-11	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.557E-05	0.0000
U-238	8.563E-05	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	6.240E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.451E-04	0.0006
Total	2.025E-02	0.0171	0.000E+00	0.0000	0.000E+00	0.0000	1.557E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.181E+00	1.0000

*Sum of all water independent and dependent pathways.

Summary : IR/FSS_7A B01_Res_Avg Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\IR_FSS_SU7A B01_RES_AVG BKGD SUBTRACT.RAD

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+00 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	8.989E-05	0.0001	3.232E-05	0.0000	0.000E+00	0.0000	2.046E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.089E-07	0.0000
C-14	1.498E-17	0.0000	2.411E-17	0.0000	0.000E+00	0.0000	8.888E-16	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.115E-19	0.0000
Cs-137	8.057E-01	0.7438	8.589E-07	0.0000	0.000E+00	0.0000	6.193E-04	0.0006	0.000E+00	0.0000	0.000E+00	0.0000	5.846E-06	0.0000
Eu-154	2.581E-02	0.0238	1.123E-07	0.0000	0.000E+00	0.0000	1.078E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.628E-08	0.0000
H-3	0.000E+00	0.0000	6.624E-11	0.0000	0.000E+00	0.0000	8.458E-10	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.262E-14	0.0000
Ni-63	0.000E+00	0.0000	4.614E-08	0.0000	0.000E+00	0.0000	2.434E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.838E-08	0.0000
Pa-231	2.791E-05	0.0000	1.386E-05	0.0000	0.000E+00	0.0000	7.622E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.325E-07	0.0000
Pb-210	1.047E-04	0.0001	3.979E-05	0.0000	0.000E+00	0.0000	1.435E-03	0.0013	0.000E+00	0.0000	0.000E+00	0.0000	5.420E-05	0.0001
Ra-226	1.925E-01	0.1777	2.475E-05	0.0000	0.000E+00	0.0000	1.500E-03	0.0014	0.000E+00	0.0000	0.000E+00	0.0000	2.165E-05	0.0000
Sr-90	1.017E-02	0.0094	6.210E-05	0.0001	0.000E+00	0.0000	2.503E-02	0.0231	0.000E+00	0.0000	0.000E+00	0.0000	3.149E-05	0.0000
Th-230	1.059E-04	0.0001	1.455E-04	0.0001	0.000E+00	0.0000	3.523E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.071E-06	0.0000
U-234	1.863E-06	0.0000	5.763E-05	0.0001	0.000E+00	0.0000	3.553E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.365E-07	0.0000
U-235	4.292E-05	0.0000	7.293E-07	0.0000	0.000E+00	0.0000	4.637E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.907E-09	0.0000
U-238	5.935E-04	0.0005	5.153E-05	0.0000	0.000E+00	0.0000	3.373E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.094E-07	0.0000
Total	1.035E+00	0.9557	4.292E-04	0.0004	0.000E+00	0.0000	2.861E-02	0.0264	0.000E+00	0.0000	0.000E+00	0.0000	1.160E-04	0.0001

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+00 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	1.271E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	9.264E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.517E-04	0.0002
C-14	6.806E-14	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.470E-19	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.899E-14	0.0000
Cs-137	3.531E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.316E-10	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.063E-01	0.7444
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.581E-02	0.0238
H-3	3.473E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.710E-13	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.385E-09	0.0000
Ni-63	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.498E-06	0.0000
Pa-231	6.977E-05	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	5.085E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.195E-04	0.0001
Pb-210	4.489E-03	0.0041	0.000E+00	0.0000	0.000E+00	0.0000	3.277E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.124E-03	0.0057
Ra-226	2.205E-03	0.0020	0.000E+00	0.0000	0.000E+00	0.0000	1.619E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.963E-01	0.1812
Sr-90	1.179E-02	0.0109	0.000E+00	0.0000	0.000E+00	0.0000	9.258E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.709E-02	0.0435
Th-230	7.754E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.669E-11	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.567E-04	0.0002
U-234	8.870E-05	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	6.464E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.523E-04	0.0001
U-235	1.143E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.329E-11	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.485E-05	0.0000
U-238	8.423E-05	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	6.137E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.332E-04	0.0007
Total	1.886E-02	0.0174	0.000E+00	0.0000	0.000E+00	0.0000	1.443E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.083E+00	1.0000

*Sum of all water independent and dependent pathways.

Summary : IR/FSS_7A B01_Res_Avg Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\IR_FSS_SU7A B01_RES_AVG BKGD SUBTRACT.RAD

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+01 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	7.291E-05	0.0001	2.622E-05	0.0000	0.000E+00	0.0000	1.659E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.505E-07	0.0000
C-14	7.508E-28	0.0000	1.208E-27	0.0000	0.000E+00	0.0000	4.457E-26	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.568E-29	0.0000
Cs-137	7.164E-01	0.7348	7.638E-07	0.0000	0.000E+00	0.0000	5.507E-04	0.0006	0.000E+00	0.0000	0.000E+00	0.0000	5.198E-06	0.0000
Eu-154	1.739E-02	0.0178	7.562E-08	0.0000	0.000E+00	0.0000	7.260E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.096E-08	0.0000
H-3	0.000E+00	0.0000	1.114E-16	0.0000	0.000E+00	0.0000	1.422E-15	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.847E-20	0.0000
Ni-63	0.000E+00	0.0000	4.446E-08	0.0000	0.000E+00	0.0000	2.345E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.771E-08	0.0000
Pa-231	4.013E-05	0.0000	1.818E-05	0.0000	0.000E+00	0.0000	7.760E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.697E-07	0.0000
Pb-210	8.873E-05	0.0001	3.372E-05	0.0000	0.000E+00	0.0000	1.216E-03	0.0012	0.000E+00	0.0000	0.000E+00	0.0000	4.593E-05	0.0000
Ra-226	1.894E-01	0.1942	3.000E-05	0.0000	0.000E+00	0.0000	1.679E-03	0.0017	0.000E+00	0.0000	0.000E+00	0.0000	2.899E-05	0.0000
Sr-90	8.628E-03	0.0088	5.267E-05	0.0001	0.000E+00	0.0000	2.123E-02	0.0218	0.000E+00	0.0000	0.000E+00	0.0000	2.671E-05	0.0000
Th-230	1.956E-04	0.0002	1.455E-04	0.0001	0.000E+00	0.0000	4.271E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.083E-06	0.0000
U-234	1.833E-06	0.0000	5.648E-05	0.0001	0.000E+00	0.0000	3.482E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.258E-07	0.0000
U-235	4.207E-05	0.0000	7.164E-07	0.0000	0.000E+00	0.0000	4.625E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.806E-09	0.0000
U-238	5.817E-04	0.0006	5.050E-05	0.0001	0.000E+00	0.0000	3.306E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.992E-07	0.0000
Total	9.328E-01	0.9567	4.149E-04	0.0004	0.000E+00	0.0000	2.470E-02	0.0253	0.000E+00	0.0000	0.000E+00	0.0000	1.096E-04	0.0001

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+01 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	1.030E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	7.509E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.041E-04	0.0002
C-14	3.430E-24	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.757E-29	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.476E-24	0.0000
Cs-137	6.036E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.190E-10	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.170E-01	0.7354
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.739E-02	0.0178
H-3	5.846E-15	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.930E-19	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.380E-15	0.0000
Ni-63	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.407E-06	0.0000
Pa-231	8.639E-05	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	6.296E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.528E-04	0.0002
Pb-210	3.803E-03	0.0039	0.000E+00	0.0000	0.000E+00	0.0000	2.777E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.189E-03	0.0053
Ra-226	2.805E-03	0.0029	0.000E+00	0.0000	0.000E+00	0.0000	2.057E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.939E-01	0.1989
Sr-90	9.993E-03	0.0102	0.000E+00	0.0000	0.000E+00	0.0000	7.848E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.993E-02	0.0410
Th-230	1.855E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.359E-10	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.483E-04	0.0004
U-234	8.689E-05	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	6.332E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.492E-04	0.0002
U-235	1.128E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.219E-11	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.397E-05	0.0000
U-238	8.251E-05	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	6.012E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.185E-04	0.0007
Total	1.697E-02	0.0174	0.000E+00	0.0000	0.000E+00	0.0000	1.295E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.750E-01	1.0000

*Sum of all water independent and dependent pathways.

Summary : IR/FSS_7A B01_Res_Avg Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\IR_FSS_SU7A B01_RES_AVG BKGD SUBTRACT.RAD

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+01 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	1.365E-05	0.0000	4.910E-06	0.0000	0.000E+00	0.0000	3.108E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.692E-08	0.0000
C-14	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Cs-137	2.800E-01	0.5980	2.985E-07	0.0000	0.000E+00	0.0000	2.152E-04	0.0005	0.000E+00	0.0000	0.000E+00	0.0000	2.032E-06	0.0000
Eu-154	7.372E-04	0.0016	3.207E-09	0.0000	0.000E+00	0.0000	3.078E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.649E-10	0.0000
H-3	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Ni-63	0.000E+00	0.0000	3.304E-08	0.0000	0.000E+00	0.0000	1.743E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.316E-08	0.0000
Pa-231	7.480E-05	0.0002	3.009E-05	0.0001	0.000E+00	0.0000	7.524E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.542E-07	0.0000
Pb-210	2.361E-05	0.0001	8.970E-06	0.0000	0.000E+00	0.0000	3.236E-04	0.0007	0.000E+00	0.0000	0.000E+00	0.0000	1.222E-05	0.0000
Ra-226	1.659E-01	0.3543	4.772E-05	0.0001	0.000E+00	0.0000	2.244E-03	0.0048	0.000E+00	0.0000	0.000E+00	0.0000	5.461E-05	0.0001
Sr-90	2.310E-03	0.0049	1.410E-05	0.0000	0.000E+00	0.0000	5.685E-03	0.0121	0.000E+00	0.0000	0.000E+00	0.0000	7.152E-06	0.0000
Th-230	8.620E-04	0.0018	1.456E-04	0.0003	0.000E+00	0.0000	1.200E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.253E-06	0.0000
U-234	1.741E-06	0.0000	4.811E-05	0.0001	0.000E+00	0.0000	2.965E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.478E-07	0.0000
U-235	3.585E-05	0.0001	6.304E-07	0.0000	0.000E+00	0.0000	4.543E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.131E-09	0.0000
U-238	4.950E-04	0.0011	4.298E-05	0.0001	0.000E+00	0.0000	2.813E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.248E-07	0.0000
Total	4.505E-01	0.9620	3.434E-04	0.0007	0.000E+00	0.0000	8.495E-03	0.0181	0.000E+00	0.0000	0.000E+00	0.0000	7.866E-05	0.0002

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+01 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	1.920E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.399E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.812E-05	0.0001
C-14	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Cs-137	1.156E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.408E-10	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.802E-01	0.5985
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.373E-04	0.0016
H-3	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Ni-63	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.789E-06	0.0000
Pa-231	1.304E-04	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	9.503E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.433E-04	0.0005
Pb-210	1.010E-03	0.0022	0.000E+00	0.0000	0.000E+00	0.0000	7.372E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.378E-03	0.0029
Ra-226	4.865E-03	0.0104	0.000E+00	0.0000	0.000E+00	0.0000	3.560E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.731E-01	0.3697
Sr-90	2.663E-03	0.0057	0.000E+00	0.0000	0.000E+00	0.0000	2.091E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.068E-02	0.0228
Th-230	1.632E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.194E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.037E-03	0.0022
U-234	7.365E-05	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	5.366E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.269E-04	0.0003
U-235	1.048E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.637E-11	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.758E-05	0.0001
U-238	6.994E-05	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	5.097E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.111E-04	0.0013
Total	8.859E-03	0.0189	0.000E+00	0.0000	0.000E+00	0.0000	6.623E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.682E-01	1.0000

*Sum of all water independent and dependent pathways.

Summary : IR/FSS_7A B01_Res_Avg Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\IR_FSS_SU7A B01_RES_AVG BKGD SUBTRACT.RAD

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+02 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	1.682E-06	0.0000	6.049E-07	0.0000	0.000E+00	0.0000	3.828E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.780E-09	0.0000
C-14	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Cs-137	8.653E-02	0.3618	9.225E-08	0.0000	0.000E+00	0.0000	6.651E-05	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	6.279E-07	0.0000
Eu-154	1.419E-05	0.0001	6.170E-11	0.0000	0.000E+00	0.0000	5.924E-11	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.947E-12	0.0000
H-3	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Ni-63	0.000E+00	0.0000	2.279E-08	0.0000	0.000E+00	0.0000	1.202E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.080E-09	0.0000
Pa-231	6.904E-05	0.0003	2.743E-05	0.0001	0.000E+00	0.0000	6.324E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.982E-07	0.0000
Pb-210	4.510E-06	0.0000	1.714E-06	0.0000	0.000E+00	0.0000	6.183E-05	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	2.335E-06	0.0000
Ra-226	1.405E-01	0.5877	4.657E-05	0.0002	0.000E+00	0.0000	2.123E-03	0.0089	0.000E+00	0.0000	0.000E+00	0.0000	5.463E-05	0.0002
Sr-90	4.451E-04	0.0019	2.717E-06	0.0000	0.000E+00	0.0000	1.095E-03	0.0046	0.000E+00	0.0000	0.000E+00	0.0000	1.378E-06	0.0000
Th-230	1.580E-03	0.0066	1.457E-04	0.0006	0.000E+00	0.0000	2.240E-05	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	1.515E-06	0.0000
U-234	1.929E-06	0.0000	3.937E-05	0.0002	0.000E+00	0.0000	2.430E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.665E-07	0.0000
U-235	2.937E-05	0.0001	5.432E-07	0.0000	0.000E+00	0.0000	4.375E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.422E-09	0.0000
U-238	4.045E-04	0.0017	3.513E-05	0.0001	0.000E+00	0.0000	2.300E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.473E-07	0.0000
Total	2.296E-01	0.9602	2.999E-04	0.0013	0.000E+00	0.0000	3.381E-03	0.0141	0.000E+00	0.0000	0.000E+00	0.0000	6.162E-05	0.0003

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+02 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	2.349E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.712E-10	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.680E-06	0.0000
C-14	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Cs-137	7.245E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.299E-10	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.660E-02	0.3621
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.419E-05	0.0001
H-3	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Ni-63	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.234E-06	0.0000
Pa-231	1.169E-04	0.0005	0.000E+00	0.0000	0.000E+00	0.0000	8.516E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.200E-04	0.0009
Pb-210	1.923E-04	0.0008	0.000E+00	0.0000	0.000E+00	0.0000	1.404E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.628E-04	0.0011
Ra-226	4.793E-03	0.0200	0.000E+00	0.0000	0.000E+00	0.0000	3.506E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.476E-01	0.6170
Sr-90	5.095E-04	0.0021	0.000E+00	0.0000	0.000E+00	0.0000	4.001E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.054E-03	0.0086
Th-230	3.747E-05	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	2.741E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.787E-03	0.0075
U-234	5.987E-05	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	4.363E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.040E-04	0.0004
U-235	9.714E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.079E-11	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.093E-05	0.0001
U-238	5.687E-05	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	4.144E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.992E-04	0.0021
Total	5.776E-03	0.0242	0.000E+00	0.0000	0.000E+00	0.0000	4.252E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.391E-01	1.0000

*Sum of all water independent and dependent pathways.

Summary : IR/FSS_7A B01_Res_Avg Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\IR_FSS_SU7A B01_RES_AVG BKGD SUBTRACT.RAD

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+02 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	8.926E-14	0.0000	3.210E-14	0.0000	0.000E+00	0.0000	2.032E-15	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.067E-16	0.0000
C-14	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Cs-137	7.197E-06	0.0002	7.672E-12	0.0000	0.000E+00	0.0000	5.532E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.222E-11	0.0000
Eu-154	2.667E-19	0.0000	1.160E-24	0.0000	0.000E+00	0.0000	1.114E-24	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.682E-25	0.0000
H-3	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Ni-63	0.000E+00	0.0000	1.171E-09	0.0000	0.000E+00	0.0000	6.174E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.663E-10	0.0000
Pa-231	1.391E-05	0.0003	5.515E-06	0.0001	0.000E+00	0.0000	1.255E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.956E-08	0.0000
Pb-210	8.009E-12	0.0000	3.043E-12	0.0000	0.000E+00	0.0000	1.098E-10	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.145E-12	0.0000
Ra-226	3.728E-02	0.8448	1.283E-05	0.0003	0.000E+00	0.0000	5.802E-04	0.0131	0.000E+00	0.0000	0.000E+00	0.0000	1.514E-05	0.0003
Sr-90	8.435E-10	0.0000	5.150E-12	0.0000	0.000E+00	0.0000	2.075E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.611E-12	0.0000
Th-230	4.488E-03	0.1017	1.460E-04	0.0033	0.000E+00	0.0000	6.749E-05	0.0015	0.000E+00	0.0000	0.000E+00	0.0000	2.684E-06	0.0001
U-234	6.994E-06	0.0002	8.090E-06	0.0002	0.000E+00	0.0000	5.819E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.711E-08	0.0000
U-235	5.965E-06	0.0001	1.550E-07	0.0000	0.000E+00	0.0000	1.937E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.755E-09	0.0000
U-238	8.054E-05	0.0018	7.003E-06	0.0002	0.000E+00	0.0000	4.584E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.922E-08	0.0000
Total	4.188E-02	0.9491	1.796E-04	0.0041	0.000E+00	0.0000	6.501E-04	0.0147	0.000E+00	0.0000	0.000E+00	0.0000	1.805E-05	0.0004

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+02 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	1.149E-13	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.377E-18	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.386E-13	0.0000
C-14	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Cs-137	9.701E-10	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.137E-14	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.203E-06	0.0002
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.668E-19	0.0000
H-3	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Ni-63	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.338E-08	0.0000
Pa-231	2.163E-05	0.0005	0.000E+00	0.0000	0.000E+00	0.0000	1.576E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.239E-05	0.0010
Pb-210	3.275E-10	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.391E-14	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.525E-10	0.0000
Ra-226	1.246E-03	0.0282	0.000E+00	0.0000	0.000E+00	0.0000	9.111E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.913E-02	0.8868
Sr-90	8.913E-10	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.999E-14	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.818E-09	0.0000
Th-230	1.105E-04	0.0025	0.000E+00	0.0000	0.000E+00	0.0000	8.084E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.815E-03	0.1091
U-234	1.133E-05	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	8.254E-10	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.707E-05	0.0006
U-235	3.641E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.653E-11	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.505E-06	0.0001
U-238	1.061E-05	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	7.733E-10	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.868E-05	0.0022
Total	1.400E-03	0.0317	0.000E+00	0.0000	0.000E+00	0.0000	1.024E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.413E-02	1.0000

*Sum of all water independent and dependent pathways.

Summary : IR/FSS_7A B01_Res_Avg Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\IR_FSS_SU7A B01_RES_AVG BKGD SUBTRACT.RAD

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+03 years

Water Independent Pathways (Inhalation excludes radon)

Radio-	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	7.189E-23	0.0000	2.585E-23	0.0000	0.000E+00	0.0000	1.636E-24	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.470E-25	0.0000
C-14	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Cs-137	5.716E-11	0.0000	6.094E-17	0.0000	0.000E+00	0.0000	4.394E-14	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.147E-16	0.0000
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
H-3	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Ni-63	0.000E+00	0.0000	2.861E-11	0.0000	0.000E+00	0.0000	1.509E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.140E-11	0.0000
Pa-231	1.830E-06	0.0001	7.257E-07	0.0001	0.000E+00	0.0000	1.651E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.047E-08	0.0000
Pb-210	5.191E-19	0.0000	1.973E-19	0.0000	0.000E+00	0.0000	7.117E-18	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.687E-19	0.0000
Ra-226	7.096E-03	0.5428	2.441E-06	0.0002	0.000E+00	0.0000	1.104E-04	0.0084	0.000E+00	0.0000	0.000E+00	0.0000	2.881E-06	0.0002
Sr-90	5.932E-17	0.0000	3.621E-19	0.0000	0.000E+00	0.0000	1.460E-16	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.836E-19	0.0000
Th-230	5.312E-03	0.4063	1.454E-04	0.0111	0.000E+00	0.0000	8.032E-05	0.0061	0.000E+00	0.0000	0.000E+00	0.0000	3.013E-06	0.0002
U-234	1.085E-05	0.0008	1.356E-06	0.0001	0.000E+00	0.0000	2.271E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.593E-08	0.0000
U-235	8.127E-07	0.0001	2.833E-08	0.0000	0.000E+00	0.0000	4.332E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.447E-10	0.0000
U-238	1.072E-05	0.0008	9.329E-07	0.0001	0.000E+00	0.0000	6.114E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.223E-09	0.0000
Total	1.243E-02	0.9509	1.509E-04	0.0115	0.000E+00	0.0000	1.912E-04	0.0146	0.000E+00	0.0000	0.000E+00	0.0000	5.931E-06	0.0005

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+03 years

Water Dependent Pathways

Radio-	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Ac-227	7.576E-23	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.522E-27	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.754E-22	0.0000
C-14	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Cs-137	9.131E-15	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.718E-19	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.721E-11	0.0000
Eu-154	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
H-3	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Ni-63	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.549E-09	0.0000
Pa-231	2.357E-06	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	1.718E-10	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.089E-06	0.0004
Pb-210	1.889E-17	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.379E-21	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.700E-17	0.0000
Ra-226	1.964E-04	0.0150	0.000E+00	0.0000	0.000E+00	0.0000	1.437E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.408E-03	0.5666
Sr-90	5.141E-17	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.038E-21	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.572E-16	0.0000
Th-230	9.246E-05	0.0071	0.000E+00	0.0000	0.000E+00	0.0000	6.763E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.633E-03	0.4308
U-234	1.544E-06	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	1.126E-10	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.399E-05	0.0011
U-235	6.551E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.775E-12	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.112E-07	0.0001
U-238	1.199E-06	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	8.739E-11	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.292E-05	0.0010
Total	2.940E-04	0.0225	0.000E+00	0.0000	0.000E+00	0.0000	2.151E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.307E-02	1.0000

*Sum of all water independent and dependent pathways.

Summary : IR/FSS_7A B01_Res_Avg Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\IR_FSS_SU7A B01_RES_AVG BKGD SUBTRACT.RAD

Dose/Source Ratios Summed Over All Pathways
Parent and Progeny Principal Radionuclide Contributions Indicated

Parent (i)	Product (j)	Thread Fraction	DSR(j,t) At Time in Years (mrem/yr)/(pCi/g) 0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
Ac-227+D	Ac-227+D	1.000E+00	3.613E-01	3.721E-01	3.146E-01	2.551E-01	4.765E-02	5.850E-03	2.983E-10	2.192E-19
C-14	C-14	1.000E+00	8.384E-04	9.689E-06	5.947E-14	2.997E-24	0.000E+00	0.000E+00	0.000E+00	0.000E+00
Cs-137+D	Cs-137+D	1.000E+00	2.239E-01	2.187E-01	1.991E-01	1.770E-01	6.919E-02	2.138E-02	1.779E-06	1.413E-11
Eu-154	Eu-154	1.000E+00	4.783E-01	4.420E-01	3.222E-01	2.171E-01	9.204E-03	1.771E-04	3.330E-18	2.319E-35
H-3	H-3	1.000E+00	5.410E-05	4.334E-06	1.064E-10	1.791E-16	0.000E+00	0.000E+00	0.000E+00	0.000E+00
Ni-63	Ni-63	1.000E+00	2.567E-06	2.548E-06	2.473E-06	2.383E-06	1.771E-06	1.222E-06	6.275E-08	1.534E-09
Pa-231	Pa-231	1.000E+00	6.992E-02	8.964E-02	8.817E-02	8.638E-02	7.326E-02	5.960E-02	1.129E-02	1.343E-03
Pa-231	Ac-227+D	1.000E+00	6.014E-03	1.825E-02	6.121E-02	1.047E-01	2.308E-01	2.155E-01	4.170E-02	5.017E-03
Pa-231	∑DSR(j)		7.593E-02	1.079E-01	1.494E-01	1.910E-01	3.041E-01	2.751E-01	5.298E-02	6.361E-03
Pb-210+D	Pb-210+D	1.000E+00	1.335E-02	2.389E-02	2.251E-02	1.908E-02	5.067E-03	9.660E-04	1.664E-09	9.925E-17
Ra-226+D	Ra-226+D	1.000E+00	7.268E-01	7.270E-01	7.174E-01	7.056E-01	6.179E-01	5.234E-01	1.388E-01	2.639E-02
Ra-226+D	Pb-210+D	1.000E+00	2.946E-04	1.227E-03	4.205E-03	7.330E-03	1.853E-02	1.911E-02	5.099E-03	8.446E-04
Ra-226+D	∑DSR(j)		7.271E-01	7.282E-01	7.216E-01	7.129E-01	6.364E-01	5.425E-01	1.439E-01	2.724E-02
Sr-90+D	Sr-90+D	1.000E+00	7.108E-03	7.144E-03	6.262E-03	5.310E-03	1.420E-03	2.731E-04	5.077E-10	3.421E-17
Th-230	Th-230	1.000E+00	2.624E-03	2.624E-03	2.624E-03	2.624E-03	2.623E-03	2.621E-03	2.608E-03	2.592E-03
Th-230	Ra-226+D	1.000E+00	1.572E-04	4.721E-04	1.722E-03	3.262E-03	1.470E-02	2.700E-02	7.681E-02	9.081E-02
Th-230	Pb-210+D	1.000E+00	3.663E-08	3.436E-07	4.968E-06	1.723E-05	2.604E-04	6.591E-04	2.181E-03	2.074E-03
Th-230	∑DSR(j)		2.782E-03	3.097E-03	4.352E-03	5.903E-03	1.758E-02	3.028E-02	8.160E-02	9.547E-02
U-234	U-234	1.000E+00	2.098E-03	2.624E-03	2.581E-03	2.529E-03	2.147E-03	1.749E-03	3.348E-04	4.061E-05
U-234	Th-230	1.000E+00	1.187E-08	3.545E-08	1.287E-07	2.432E-07	1.080E-06	1.952E-06	5.059E-06	5.698E-06
U-234	Ra-226+D	1.000E+00	5.094E-10	3.353E-09	4.255E-08	1.529E-07	3.207E-06	1.127E-05	1.155E-04	1.853E-04
U-234	Pb-210+D	1.000E+00	1.466E-10	2.209E-10	2.257E-10	6.366E-10	4.113E-08	2.147E-07	3.437E-06	5.534E-06
U-234	∑DSR(j)		2.098E-03	2.624E-03	2.581E-03	2.529E-03	2.151E-03	1.762E-03	4.588E-04	2.371E-04
U-235+D	U-235+D	1.000E+00	5.668E-02	5.696E-02	5.605E-02	5.493E-02	4.673E-02	3.819E-02	7.591E-03	1.006E-03
U-235+D	Pa-231	1.000E+00	8.487E-07	2.839E-06	1.026E-05	1.919E-05	7.831E-05	1.269E-04	1.202E-04	2.874E-05
U-235+D	Ac-227+D	1.000E+00	5.373E-08	3.152E-07	3.706E-06	1.241E-05	1.605E-04	3.484E-04	4.203E-04	1.045E-04
U-235+D	∑DSR(j)		5.668E-02	5.696E-02	5.606E-02	5.496E-02	4.697E-02	3.867E-02	8.131E-03	1.139E-03
U-238	U-238	5.400E-05	1.007E-07	1.263E-07	1.242E-07	1.217E-07	1.033E-07	8.419E-08	1.613E-08	1.957E-09

Summary : IR/FSS_7A B01_Res_Avg Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\IR_FSS_SU7A B01_RES_AVG BKGD SUBTRACT.RAD

Dose/Source Ratios Summed Over All Pathways
Parent and Progeny Principal Radionuclide Contributions Indicated

Parent (i)	Product (j)	Thread Fraction	DSR(j,t) At Time in Years (mrem/yr)/(pCi/g) 0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
U-238+D	U-238+D	9.999E-01	1.217E-02	1.263E-02	1.243E-02	1.218E-02	1.036E-02	8.460E-03	1.672E-03	2.187E-04
U-238+D	U-234	9.999E-01	3.381E-09	1.115E-08	4.024E-08	7.527E-08	3.074E-07	4.983E-07	4.754E-07	1.153E-07
U-238+D	Th-230	9.999E-01	3.340E-14	1.283E-13	1.140E-12	3.862E-12	7.586E-11	2.615E-10	2.465E-09	3.729E-09
U-238+D	Ra-226+D	9.999E-01	4.597E-11	1.048E-10	2.890E-10	5.598E-10	2.603E-09	5.460E-09	5.512E-08	1.206E-07
U-238+D	Pb-210+D	9.999E-01	1.775E-10	4.046E-10	1.115E-09	2.155E-09	9.471E-09	1.713E-08	4.535E-08	5.267E-08
U-238+D	∑DSR(j)		1.217E-02	1.263E-02	1.243E-02	1.218E-02	1.036E-02	8.461E-03	1.673E-03	2.190E-04

The DSR includes contributions from associated (half-life ≤ 180 days) daughters.

Single Radionuclide Soil Guidelines G(i,t) in pCi/g
Basic Radiation Dose Limit = 2.500E+01 mrem/yr

Nuclide (i)	t= 0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
Ac-227	6.919E+01	6.719E+01	7.946E+01	9.800E+01	5.246E+02	4.273E+03	8.380E+10	*7.232E+13
C-14	2.982E+04	2.580E+06	*4.455E+12	*4.455E+12	*4.455E+12	*4.455E+12	*4.455E+12	*4.455E+12
Cs-137	1.117E+02	1.143E+02	1.256E+02	1.412E+02	3.613E+02	1.169E+03	1.406E+07	1.770E+12
Eu-154	5.227E+01	5.656E+01	7.759E+01	1.152E+02	2.716E+03	1.411E+05	*2.639E+14	*2.639E+14
H-3	4.621E+05	5.769E+06	2.349E+11	*9.597E+15	*9.597E+15	*9.597E+15	*9.597E+15	*9.597E+15
Ni-63	9.739E+06	9.812E+06	1.011E+07	1.049E+07	1.412E+07	2.046E+07	3.984E+08	1.630E+10
Pa-231	3.292E+02	2.317E+02	1.674E+02	1.309E+02	8.221E+01	9.089E+01	4.718E+02	3.930E+03
Pb-210	1.872E+03	1.046E+03	1.110E+03	1.311E+03	4.934E+03	2.588E+04	1.503E+10	*7.634E+13
Ra-226	3.438E+01	3.433E+01	3.465E+01	3.507E+01	3.928E+01	4.608E+01	1.738E+02	9.179E+02
Sr-90	3.517E+03	3.499E+03	3.993E+03	4.708E+03	1.760E+04	9.154E+04	4.924E+10	*1.365E+14
Th-230	8.987E+03	8.073E+03	5.745E+03	4.235E+03	1.422E+03	8.256E+02	3.064E+02	2.619E+02
U-234	1.192E+04	9.529E+03	9.685E+03	9.885E+03	1.162E+04	1.419E+04	5.449E+04	1.054E+05
U-235	4.410E+02	4.389E+02	4.459E+02	4.549E+02	5.322E+02	6.466E+02	3.074E+03	2.195E+04
U-238	2.054E+03	1.980E+03	2.012E+03	2.053E+03	2.414E+03	2.955E+03	1.495E+04	1.142E+05

*At specific activity limit

Summary : IR/FSS_7A B01_Res_Avg Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\IR_FSS_SU7A B01_RES_AVG BKGD SUBTRACT.RAD

Summed Dose/Source Ratios DSR(i,t) in (mrem/yr)/(pCi/g)
and Single Radionuclide Soil Guidelines G(i,t) in pCi/g
at tmin = time of minimum single radionuclide soil guideline
and at tmax = time of maximum total dose = 0.000E+00 years

Nuclide (i)	Initial (pCi/g)	tmin (years)	DSR(i,tmin)	G(i,tmin) (pCi/g)	DSR(i,tmax)	G(i,tmax) (pCi/g)
Ac-227	8.000E-04	0.2636 ± 0.0005	3.836E-01	6.518E+01	3.613E-01	6.919E+01
C-14	1.160E+00	0.000E+00	8.384E-04	2.982E+04	8.384E-04	2.982E+04
Cs-137	4.050E+00	0.000E+00	2.239E-01	1.117E+02	2.239E-01	1.117E+02
Eu-154	8.010E-02	0.000E+00	4.783E-01	5.227E+01	4.783E-01	5.227E+01
H-3	4.120E+01	0.000E+00	5.410E-05	4.621E+05	5.410E-05	4.621E+05
Ni-63	1.010E+00	0.000E+00	2.567E-06	9.739E+06	2.567E-06	9.739E+06
Pa-231	8.000E-04	54.6 ± 0.1	3.047E-01	8.205E+01	7.593E-02	3.292E+02
Pb-210	2.720E-01	1.535 ± 0.003	2.525E-02	9.902E+02	1.335E-02	1.872E+03
Ra-226	2.720E-01	0.718 ± 0.001	7.284E-01	3.432E+01	7.271E-01	3.438E+01
Sr-90	7.520E+00	0.2593 ± 0.0005	7.312E-03	3.419E+03	7.108E-03	3.517E+03
Th-230	5.900E-02	1.000E+03	9.547E-02	2.619E+02	2.782E-03	8.987E+03
U-234	5.900E-02	0.694 ± 0.001	2.627E-03	9.517E+03	2.098E-03	1.192E+04
U-235	8.000E-04	0.571 ± 0.001	5.705E-02	4.382E+02	5.668E-02	4.410E+02
U-238	5.900E-02	0.694 ± 0.001	1.264E-02	1.977E+03	1.217E-02	2.054E+03

Summary : IR/FSS_7A B01_Res_Avg Bkgd Subtract
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Individual Nuclide Dose Summed Over All Pathways
Parent Nuclide and Branch Fraction Indicated

Nuclide (j)	Parent (i)	THF(i)	DOSE(j,t), mrem/yr t= 0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
Ac-227	Ac-227	1.000E+00	2.891E-04	2.977E-04	2.517E-04	2.041E-04	3.812E-05	4.680E-06	2.386E-13	1.754E-22
Ac-227	Pa-231	1.000E+00	4.811E-06	1.460E-05	4.897E-05	8.373E-05	1.847E-04	1.724E-04	3.336E-05	4.014E-06
Ac-227	U-235	1.000E+00	4.299E-11	2.521E-10	2.965E-09	9.931E-09	1.284E-07	2.787E-07	3.363E-07	8.358E-08
Ac-227	∑DOSE(j)		2.939E-04	3.123E-04	3.007E-04	2.878E-04	2.229E-04	1.773E-04	3.369E-05	4.098E-06
C-14	C-14	1.000E+00	9.726E-04	1.124E-05	6.899E-14	3.476E-24	0.000E+00	0.000E+00	0.000E+00	0.000E+00
Cs-137	Cs-137	1.000E+00	9.068E-01	8.858E-01	8.063E-01	7.170E-01	2.802E-01	8.660E-02	7.203E-06	5.721E-11
Eu-154	Eu-154	1.000E+00	3.831E-02	3.540E-02	2.581E-02	1.739E-02	7.373E-04	1.419E-05	2.668E-19	0.000E+00
H-3	H-3	1.000E+00	2.229E-03	1.785E-04	4.385E-09	7.380E-15	0.000E+00	0.000E+00	0.000E+00	0.000E+00
Ni-63	Ni-63	1.000E+00	2.593E-06	2.573E-06	2.498E-06	2.407E-06	1.789E-06	1.234E-06	6.338E-08	1.549E-09
Pa-231	Pa-231	1.000E+00	5.594E-05	7.171E-05	7.054E-05	6.910E-05	5.861E-05	4.768E-05	9.029E-06	1.075E-06
Pa-231	U-235	1.000E+00	6.790E-10	2.271E-09	8.205E-09	1.535E-08	6.265E-08	1.015E-07	9.613E-08	2.299E-08
Pa-231	∑DOSE(j)		5.594E-05	7.171E-05	7.055E-05	6.912E-05	5.867E-05	4.778E-05	9.126E-06	1.098E-06
Pb-210	Pb-210	1.000E+00	3.632E-03	6.499E-03	6.124E-03	5.189E-03	1.378E-03	2.628E-04	4.525E-10	2.700E-17
Pb-210	Ra-226	1.000E+00	8.014E-05	3.336E-04	1.144E-03	1.994E-03	5.040E-03	5.198E-03	1.387E-03	2.297E-04
Pb-210	Th-230	1.000E+00	2.161E-09	2.027E-08	2.931E-07	1.016E-06	1.536E-05	3.889E-05	1.287E-04	1.224E-04
Pb-210	U-234	1.000E+00	8.651E-12	1.303E-11	1.332E-11	3.756E-11	2.427E-09	1.267E-08	2.028E-07	3.265E-07
Pb-210	U-238	9.999E-01	1.047E-11	2.387E-11	6.577E-11	1.271E-10	5.588E-10	1.010E-09	2.676E-09	3.108E-09
Pb-210	∑DOSE(j)		3.712E-03	6.833E-03	7.268E-03	7.183E-03	6.433E-03	5.499E-03	1.516E-03	3.525E-04
Ra-226	Ra-226	1.000E+00	1.977E-01	1.977E-01	1.951E-01	1.919E-01	1.681E-01	1.424E-01	3.775E-02	7.179E-03
Ra-226	Th-230	1.000E+00	9.276E-06	2.785E-05	1.016E-04	1.924E-04	8.671E-04	1.593E-03	4.532E-03	5.358E-03
Ra-226	U-234	1.000E+00	3.005E-11	1.978E-10	2.511E-09	9.019E-09	1.892E-07	6.646E-07	6.815E-06	1.093E-05
Ra-226	U-238	9.999E-01	2.713E-12	6.184E-12	1.705E-11	3.303E-11	1.536E-10	3.221E-10	3.252E-09	7.115E-09
Ra-226	∑DOSE(j)		1.977E-01	1.978E-01	1.952E-01	1.921E-01	1.689E-01	1.440E-01	4.229E-02	1.255E-02
Sr-90	Sr-90	1.000E+00	5.345E-02	5.373E-02	4.709E-02	3.993E-02	1.068E-02	2.054E-03	3.818E-09	2.572E-16
Th-230	Th-230	1.000E+00	1.548E-04	1.548E-04	1.548E-04	1.548E-04	1.547E-04	1.547E-04	1.539E-04	1.529E-04
Th-230	U-234	1.000E+00	7.002E-10	2.091E-09	7.593E-09	1.435E-08	6.372E-08	1.152E-07	2.985E-07	3.362E-07
Th-230	U-238	9.999E-01	1.970E-15	7.571E-15	6.724E-14	2.278E-13	4.476E-12	1.543E-11	1.454E-10	2.200E-10
Th-230	∑DOSE(j)		1.548E-04	1.548E-04	1.548E-04	1.548E-04	1.548E-04	1.548E-04	1.542E-04	1.533E-04
U-234	U-234	1.000E+00	1.238E-04	1.548E-04	1.523E-04	1.492E-04	1.267E-04	1.032E-04	1.976E-05	2.396E-06
U-234	U-238	9.999E-01	1.995E-10	6.580E-10	2.374E-09	4.441E-09	1.813E-08	2.940E-08	2.805E-08	6.805E-09
U-234	∑DOSE(j)		1.238E-04	1.548E-04	1.523E-04	1.492E-04	1.267E-04	1.032E-04	1.978E-05	2.403E-06
U-235	U-235	1.000E+00	4.535E-05	4.557E-05	4.484E-05	4.394E-05	3.739E-05	3.055E-05	6.073E-06	8.046E-07
U-238	U-238	5.400E-05	5.942E-09	7.451E-09	7.330E-09	7.181E-09	6.097E-09	4.967E-09	9.517E-10	1.155E-10
U-238	U-238	9.999E-01	7.181E-04	7.451E-04	7.332E-04	7.185E-04	6.111E-04	4.991E-04	9.865E-05	1.290E-05
U-238	∑DOSE(j)		7.181E-04	7.451E-04	7.332E-04	7.185E-04	6.111E-04	4.992E-04	9.865E-05	1.290E-05

THF(i) is the thread fraction of the parent nuclide.

Summary : IR/FSS_7A B01_Res_Avg Bkgd Subtract
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Individual Nuclide Soil Concentration
Parent Nuclide and Branch Fraction Indicated

Nuclide (j)	Parent (i)	THF(i)	S(j,t), pCi/g t= 0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
Ac-227	Ac-227	1.000E+00	8.000E-04	7.672E-04	6.489E-04	5.263E-04	9.856E-05	1.214E-05	6.443E-13	5.189E-22
Ac-227	Pa-231	1.000E+00	0.000E+00	2.489E-05	1.137E-04	2.036E-04	4.668E-04	4.386E-04	8.860E-05	1.166E-05
Ac-227	U-235	1.000E+00	0.000E+00	2.650E-10	6.204E-09	2.290E-08	3.206E-07	7.049E-07	8.922E-07	2.426E-07
Ac-227	∑S(j):		8.000E-04	7.921E-04	7.626E-04	7.299E-04	5.657E-04	4.515E-04	8.949E-05	1.190E-05
C-14	C-14	1.000E+00	1.160E+00	1.035E-02	6.342E-11	3.189E-21	0.000E+00	0.000E+00	0.000E+00	0.000E+00
Cs-137	Cs-137	1.000E+00	4.050E+00	3.956E+00	3.601E+00	3.202E+00	1.252E+00	3.868E-01	3.217E-05	2.555E-10
Eu-154	Eu-154	1.000E+00	8.010E-02	7.401E-02	5.396E-02	3.635E-02	1.541E-03	2.966E-05	5.577E-19	3.883E-36
H-3	H-3	1.000E+00	4.120E+01	2.910E+00	7.151E-05	1.204E-10	0.000E+00	0.000E+00	0.000E+00	0.000E+00
Ni-63	Ni-63	1.000E+00	1.010E+00	1.003E+00	9.732E-01	9.377E-01	6.969E-01	4.808E-01	2.469E-02	6.036E-04
Pa-231	Pa-231	1.000E+00	8.000E-04	7.968E-04	7.839E-04	7.682E-04	6.531E-04	5.332E-04	1.053E-04	1.385E-05
Pa-231	U-235	1.000E+00	0.000E+00	1.686E-08	8.294E-08	1.626E-07	6.913E-07	1.129E-06	1.120E-06	2.962E-07
Pa-231	∑S(j):		8.000E-04	7.968E-04	7.840E-04	7.684E-04	6.538E-04	5.344E-04	1.064E-04	1.415E-05
Pb-210	Pb-210	1.000E+00	2.720E-01	2.631E-01	2.305E-01	1.953E-01	5.197E-02	9.929E-03	1.763E-08	1.143E-15
Pb-210	Ra-226	1.000E+00	0.000E+00	8.302E-03	3.863E-02	7.073E-02	1.862E-01	1.933E-01	5.403E-02	1.028E-02
Pb-210	Th-230	1.000E+00	0.000E+00	3.925E-07	9.352E-06	3.528E-05	5.770E-04	1.493E-03	5.683E-03	6.882E-03
Pb-210	U-234	1.000E+00	0.000E+00	1.180E-12	1.417E-10	1.079E-09	9.360E-08	5.038E-07	8.213E-06	1.388E-05
Pb-210	U-238	9.999E-01	0.000E+00	8.373E-19	5.051E-16	7.737E-15	3.481E-12	3.853E-11	2.968E-09	7.957E-09
Pb-210	∑S(j):		2.720E-01	2.714E-01	2.691E-01	2.661E-01	2.388E-01	2.048E-01	5.972E-02	1.718E-02
Ra-226	Ra-226	1.000E+00	2.720E-01	2.711E-01	2.675E-01	2.631E-01	2.304E-01	1.952E-01	5.177E-02	9.855E-03
Ra-226	Th-230	1.000E+00	0.000E+00	2.552E-05	1.267E-04	2.514E-04	1.177E-03	2.174E-03	6.213E-03	7.357E-03
Ra-226	U-234	1.000E+00	0.000E+00	1.148E-10	2.841E-09	1.123E-08	2.546E-07	9.034E-07	9.326E-06	1.498E-05
Ra-226	U-238	9.999E-01	0.000E+00	1.084E-16	1.340E-14	1.057E-13	1.179E-11	8.198E-11	3.525E-09	8.708E-09
Ra-226	∑S(j):		2.720E-01	2.711E-01	2.677E-01	2.634E-01	2.316E-01	1.974E-01	5.800E-02	1.723E-02
Sr-90	Sr-90	1.000E+00	7.520E+00	7.276E+00	6.378E+00	5.410E+00	1.449E+00	2.790E-01	5.289E-07	3.719E-14
Th-230	Th-230	1.000E+00	5.900E-02	5.900E-02	5.900E-02	5.899E-02	5.896E-02	5.893E-02	5.864E-02	5.827E-02
Th-230	U-234	1.000E+00	0.000E+00	5.300E-07	2.629E-06	5.205E-06	2.404E-05	4.367E-05	1.136E-04	1.280E-04
Th-230	U-238	9.999E-01	0.000E+00	7.508E-13	1.857E-11	7.328E-11	1.647E-09	5.776E-09	5.519E-08	8.358E-08
Th-230	∑S(j):		5.900E-02	5.900E-02	5.900E-02	5.900E-02	5.899E-02	5.897E-02	5.875E-02	5.840E-02
U-234	U-234	1.000E+00	5.900E-02	5.876E-02	5.782E-02	5.667E-02	4.821E-02	3.940E-02	7.835E-03	1.040E-03
U-234	U-238	9.999E-01	0.000E+00	1.666E-07	8.196E-07	1.606E-06	6.834E-06	1.117E-05	1.111E-05	2.954E-06
U-234	∑S(j):		5.900E-02	5.876E-02	5.782E-02	5.667E-02	4.822E-02	3.941E-02	7.846E-03	1.043E-03
U-235	U-235	1.000E+00	8.000E-04	7.968E-04	7.840E-04	7.684E-04	6.538E-04	5.344E-04	1.064E-04	1.415E-05
U-238	U-238	5.400E-05	3.186E-06	3.173E-06	3.122E-06	3.060E-06	2.604E-06	2.128E-06	4.237E-07	5.634E-08
U-238	U-238	9.999E-01	5.900E-02	5.876E-02	5.782E-02	5.666E-02	4.822E-02	3.941E-02	7.846E-03	1.043E-03
U-238	∑S(j):		5.900E-02	5.876E-02	5.782E-02	5.667E-02	4.822E-02	3.941E-02	7.846E-03	1.043E-03

THF(i) is the thread fraction of the parent nuclide.

RESCALC.EXE execution time = 40.15 seconds
Total water/soil iteration failures = 5.000E+00.

Summary : IR/FSS_M0001_Ind_Avg Bkgd Subtract
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Summary : IR/FSS_M0001_Ind_Avg Bkgd Subtract
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Dose Conversion Factor (and Related) Parameter Summary
Dose Library: FGR 11

Menu	Parameter	Current Value#	Base Case*	Parameter Name
A-1	DCF's for external ground radiation, (mrem/yr)/(pCi/g)			
A-1	At-218 (Source: FGR 12)	5.847E-03	5.847E-03	DCF1(1)
A-1	Ba-137m (Source: FGR 12)	3.606E+00	3.606E+00	DCF1(2)
A-1	Bi-210 (Source: FGR 12)	3.606E-03	3.606E-03	DCF1(3)
A-1	Bi-214 (Source: FGR 12)	9.808E+00	9.808E+00	DCF1(4)
A-1	Cs-137 (Source: FGR 12)	7.510E-04	7.510E-04	DCF1(5)
A-1	H-3 (Source: FGR 12)	0.000E+00	0.000E+00	DCF1(6)
A-1	Pa-234 (Source: FGR 12)	1.155E+01	1.155E+01	DCF1(7)
A-1	Pa-234m (Source: FGR 12)	8.967E-02	8.967E-02	DCF1(8)
A-1	Pb-210 (Source: FGR 12)	2.447E-03	2.447E-03	DCF1(9)
A-1	Pb-214 (Source: FGR 12)	1.341E+00	1.341E+00	DCF1(10)
A-1	Po-210 (Source: FGR 12)	5.231E-05	5.231E-05	DCF1(11)
A-1	Po-214 (Source: FGR 12)	5.138E-04	5.138E-04	DCF1(12)
A-1	Po-218 (Source: FGR 12)	5.642E-05	5.642E-05	DCF1(13)
A-1	Ra-226 (Source: FGR 12)	3.176E-02	3.176E-02	DCF1(14)
A-1	Rn-222 (Source: FGR 12)	2.354E-03	2.354E-03	DCF1(15)
A-1	Sr-90 (Source: FGR 12)	7.043E-04	7.043E-04	DCF1(16)
A-1	Th-230 (Source: FGR 12)	1.209E-03	1.209E-03	DCF1(17)
A-1	Th-234 (Source: FGR 12)	2.410E-02	2.410E-02	DCF1(18)
A-1	Tl-210 (Source: no data)	0.000E+00	-2.000E+00	DCF1(19)
A-1	U-234 (Source: FGR 12)	4.017E-04	4.017E-04	DCF1(20)
A-1	U-238 (Source: FGR 12)	1.031E-04	1.031E-04	DCF1(21)
A-1	Y-90 (Source: FGR 12)	2.391E-02	2.391E-02	DCF1(22)
B-1	Dose conversion factors for inhalation, mrem/pCi:			
B-1	Cs-137+D	3.190E-05	3.190E-05	DCF2(1)
B-1	H-3	6.400E-08	6.400E-08	DCF2(2)
B-1	Pb-210+D	2.320E-02	1.360E-02	DCF2(3)
B-1	Ra-226+D	8.594E-03	8.580E-03	DCF2(4)
B-1	Sr-90+D	1.308E-03	1.300E-03	DCF2(5)
B-1	Th-230	3.260E-01	3.260E-01	DCF2(6)
B-1	U-234	1.320E-01	1.320E-01	DCF2(7)
B-1	U-238	1.180E-01	1.180E-01	DCF2(8)
B-1	U-238+D	1.180E-01	1.180E-01	DCF2(9)
D-1	Dose conversion factors for ingestion, mrem/pCi:			
D-1	Cs-137+D	5.000E-05	5.000E-05	DCF3(1)
D-1	H-3	6.400E-08	6.400E-08	DCF3(2)
D-1	Pb-210+D	7.276E-03	5.370E-03	DCF3(3)
D-1	Ra-226+D	1.321E-03	1.320E-03	DCF3(4)
D-1	Sr-90+D	1.528E-04	1.420E-04	DCF3(5)
D-1	Th-230	5.480E-04	5.480E-04	DCF3(6)
D-1	U-234	2.830E-04	2.830E-04	DCF3(7)
D-1	U-238	2.550E-04	2.550E-04	DCF3(8)
D-1	U-238+D	2.687E-04	2.550E-04	DCF3(9)
D-34	Food transfer factors:			
D-34	Cs-137+D , plant/soil concentration ratio, dimensionless	4.000E-02	4.000E-02	RTF(1,1)
D-34	Cs-137+D , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	3.000E-02	3.000E-02	RTF(1,2)
D-34	Cs-137+D , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	8.000E-03	8.000E-03	RTF(1,3)

Summary : IR/FSS_M0001_Ind_Avg Bkgd Subtract
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Dose Conversion Factor (and Related) Parameter Summary (continued)
Dose Library: FGR 11

Menu	Parameter	Current Value#	Base Case*	Parameter Name
D-34	H-3 , plant/soil concentration ratio, dimensionless	4.800E+00	4.800E+00	RTF(2,1)
D-34	H-3 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	1.200E-02	1.200E-02	RTF(2,2)
D-34	H-3 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	1.000E-02	1.000E-02	RTF(2,3)
D-34				
D-34	Pb-210+D , plant/soil concentration ratio, dimensionless	1.000E-02	1.000E-02	RTF(3,1)
D-34	Pb-210+D , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	8.000E-04	8.000E-04	RTF(3,2)
D-34	Pb-210+D , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	3.000E-04	3.000E-04	RTF(3,3)
D-34				
D-34	Ra-226+D , plant/soil concentration ratio, dimensionless	4.000E-02	4.000E-02	RTF(4,1)
D-34	Ra-226+D , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	1.000E-03	1.000E-03	RTF(4,2)
D-34	Ra-226+D , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	1.000E-03	1.000E-03	RTF(4,3)
D-34				
D-34	Sr-90+D , plant/soil concentration ratio, dimensionless	3.000E-01	3.000E-01	RTF(5,1)
D-34	Sr-90+D , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	8.000E-03	8.000E-03	RTF(5,2)
D-34	Sr-90+D , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	2.000E-03	2.000E-03	RTF(5,3)
D-34				
D-34	Th-230 , plant/soil concentration ratio, dimensionless	1.000E-03	1.000E-03	RTF(6,1)
D-34	Th-230 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	1.000E-04	1.000E-04	RTF(6,2)
D-34	Th-230 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	5.000E-06	5.000E-06	RTF(6,3)
D-34				
D-34	U-234 , plant/soil concentration ratio, dimensionless	2.500E-03	2.500E-03	RTF(7,1)
D-34	U-234 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	3.400E-04	3.400E-04	RTF(7,2)
D-34	U-234 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	6.000E-04	6.000E-04	RTF(7,3)
D-34				
D-34	U-238 , plant/soil concentration ratio, dimensionless	2.500E-03	2.500E-03	RTF(8,1)
D-34	U-238 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	3.400E-04	3.400E-04	RTF(8,2)
D-34	U-238 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	6.000E-04	6.000E-04	RTF(8,3)
D-34				
D-34	U-238+D , plant/soil concentration ratio, dimensionless	2.500E-03	2.500E-03	RTF(9,1)
D-34	U-238+D , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	3.400E-04	3.400E-04	RTF(9,2)
D-34	U-238+D , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	6.000E-04	6.000E-04	RTF(9,3)
D-5	Bioaccumulation factors, fresh water, L/kg:			
D-5	Cs-137+D , fish	2.000E+03	2.000E+03	BIOFAC(1,1)
D-5	Cs-137+D , crustacea and mollusks	1.000E+02	1.000E+02	BIOFAC(1,2)
D-5				
D-5	H-3 , fish	1.000E+00	1.000E+00	BIOFAC(2,1)
D-5	H-3 , crustacea and mollusks	1.000E+00	1.000E+00	BIOFAC(2,2)
D-5				
D-5	Pb-210+D , fish	3.000E+02	3.000E+02	BIOFAC(3,1)
D-5	Pb-210+D , crustacea and mollusks	1.000E+02	1.000E+02	BIOFAC(3,2)
D-5				
D-5	Ra-226+D , fish	5.000E+01	5.000E+01	BIOFAC(4,1)
D-5	Ra-226+D , crustacea and mollusks	2.500E+02	2.500E+02	BIOFAC(4,2)
D-5				
D-5	Sr-90+D , fish	6.000E+01	6.000E+01	BIOFAC(5,1)
D-5	Sr-90+D , crustacea and mollusks	1.000E+02	1.000E+02	BIOFAC(5,2)
D-5				
D-5	Th-230 , fish	1.000E+02	1.000E+02	BIOFAC(6,1)
D-5	Th-230 , crustacea and mollusks	5.000E+02	5.000E+02	BIOFAC(6,2)

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Dose Conversion Factor (and Related) Parameter Summary (continued)
Dose Library: FGR 11

Menu	Parameter	Current Value#	Base Case*	Parameter Name
D-5	U-234 , fish	1.000E+01	1.000E+01	BIOFAC(7,1)
D-5	U-234 , crustacea and mollusks	6.000E+01	6.000E+01	BIOFAC(7,2)
D-5				
D-5	U-238 , fish	1.000E+01	1.000E+01	BIOFAC(8,1)
D-5	U-238 , crustacea and mollusks	6.000E+01	6.000E+01	BIOFAC(8,2)
D-5				
D-5	U-238+D , fish	1.000E+01	1.000E+01	BIOFAC(9,1)
D-5	U-238+D , crustacea and mollusks	6.000E+01	6.000E+01	BIOFAC(9,2)

#For DCF1(xxx) only, factors are for infinite depth & area. See ETFG table in Ground Pathway of Detailed Report.
*Base Case means Default.Lib w/o Associate Nuclide contributions.

Summary : IR/FSS_M0001_Ind_Avg Bkgd Subtract

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Site-Specific Parameter Summary

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R011	Area of contaminated zone (m**2)	1.000E+00	1.000E+04	---	AREA
R011	Thickness of contaminated zone (m)	2.000E+00	2.000E+00	---	THICK0
R011	Fraction of contamination that is submerged	0.000E+00	0.000E+00	---	SUBMFRACT
R011	Length parallel to aquifer flow (m)	1.000E+00	1.000E+02	---	LCZPAQ
R011	Basic radiation dose limit (mrem/yr)	2.500E+01	3.000E+01	---	BRDL
R011	Time since placement of material (yr)	0.000E+00	0.000E+00	---	TI
R011	Times for calculations (yr)	1.000E+00	1.000E+00	---	T(2)
R011	Times for calculations (yr)	5.000E+00	3.000E+00	---	T(3)
R011	Times for calculations (yr)	1.000E+01	1.000E+01	---	T(4)
R011	Times for calculations (yr)	5.000E+01	3.000E+01	---	T(5)
R011	Times for calculations (yr)	1.000E+02	1.000E+02	---	T(6)
R011	Times for calculations (yr)	5.000E+02	3.000E+02	---	T(7)
R011	Times for calculations (yr)	1.000E+03	1.000E+03	---	T(8)
R011	Times for calculations (yr)	not used	0.000E+00	---	T(9)
R011	Times for calculations (yr)	not used	0.000E+00	---	T(10)
R012	Initial principal radionuclide (pCi/g): Cs-137	4.390E+00	0.000E+00	---	S1(1)
R012	Initial principal radionuclide (pCi/g): H-3	1.556E+02	0.000E+00	---	S1(2)
R012	Initial principal radionuclide (pCi/g): Pb-210	2.510E-01	0.000E+00	---	S1(3)
R012	Initial principal radionuclide (pCi/g): Ra-226	2.510E-01	0.000E+00	---	S1(4)
R012	Initial principal radionuclide (pCi/g): Sr-90	5.100E+00	0.000E+00	---	S1(5)
R012	Initial principal radionuclide (pCi/g): Th-230	2.200E-01	0.000E+00	---	S1(6)
R012	Initial principal radionuclide (pCi/g): U-234	2.200E-01	0.000E+00	---	S1(7)
R012	Initial principal radionuclide (pCi/g): U-238	2.200E-01	0.000E+00	---	S1(8)
R012	Concentration in groundwater (pCi/L): Cs-137	not used	0.000E+00	---	W1(1)
R012	Concentration in groundwater (pCi/L): H-3	not used	0.000E+00	---	W1(2)
R012	Concentration in groundwater (pCi/L): Pb-210	not used	0.000E+00	---	W1(3)
R012	Concentration in groundwater (pCi/L): Ra-226	not used	0.000E+00	---	W1(4)
R012	Concentration in groundwater (pCi/L): Sr-90	not used	0.000E+00	---	W1(5)
R012	Concentration in groundwater (pCi/L): Th-230	not used	0.000E+00	---	W1(6)
R012	Concentration in groundwater (pCi/L): U-234	not used	0.000E+00	---	W1(7)
R012	Concentration in groundwater (pCi/L): U-238	not used	0.000E+00	---	W1(8)
R013	Cover depth (m)	0.000E+00	0.000E+00	---	COVER0
R013	Density of cover material (g/cm**3)	not used	1.500E+00	---	DENSCV
R013	Cover depth erosion rate (m/yr)	not used	1.000E-03	---	VCV
R013	Density of contaminated zone (g/cm**3)	1.660E+00	1.500E+00	---	DENSCZ
R013	Contaminated zone erosion rate (m/yr)	1.000E-03	1.000E-03	---	VCZ
R013	Contaminated zone total porosity	3.300E-01	4.000E-01	---	TPCZ
R013	Contaminated zone field capacity	2.400E-01	2.000E-01	---	FCCZ
R013	Contaminated zone hydraulic conductivity (m/yr)	5.000E+03	1.000E+01	---	HCCZ
R013	Contaminated zone b parameter	4.900E+00	5.300E+00	---	BCZ
R013	Average annual wind speed (m/sec)	6.230E+00	2.000E+00	---	WIND
R013	Humidity in air (g/m**3)	8.000E+00	8.000E+00	---	HUMID
R013	Evapotranspiration coefficient	4.600E-01	5.000E-01	---	EVAPTR
R013	Precipitation (m/yr)	1.230E+00	1.000E+00	---	PRECIP
R013	Irrigation (m/yr)	2.600E-01	2.000E-01	---	RI
R013	Irrigation mode	overhead	overhead	---	IDITCH
R013	Runoff coefficient	2.000E-01	2.000E-01	---	RUNOFF
R013	Watershed area for nearby stream or pond (m**2)	1.000E+06	1.000E+06	---	WAREA

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Site-Specific Parameter Summary (continued)

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R013	Accuracy for water/soil computations	1.000E-03	1.000E-03	Romberg failures occurred	EPS
R014	Density of saturated zone (g/cm**3)	1.660E+00	1.500E+00	---	DENSAQ
R014	Saturated zone total porosity	3.300E-01	4.000E-01	---	TPSZ
R014	Saturated zone effective porosity	2.400E-01	2.000E-01	---	EPSZ
R014	Saturated zone field capacity	2.000E-01	2.000E-01	---	FCSZ
R014	Saturated zone hydraulic conductivity (m/yr)	2.000E+04	1.000E+02	---	HCSZ
R014	Saturated zone hydraulic gradient	4.800E-03	2.000E-02	---	HGWT
R014	Saturated zone b parameter	4.900E+00	5.300E+00	---	BSZ
R014	Water table drop rate (m/yr)	1.000E-03	1.000E-03	---	VWT
R014	Well pump intake depth (m below water table)	1.800E+01	1.000E+01	---	DWIBWT
R014	Model: Nondispersion (ND) or Mass-Balance (MB)	ND	ND	---	MODEL
R014	Well pumping rate (m**3/yr)	2.500E+02	2.500E+02	---	UW
R015	Number of unsaturated zone strata	1	1	---	NS
R015	Unsat. zone 1, thickness (m)	0.000E+00	4.000E+00	---	H(1)
R015	Unsat. zone 1, soil density (g/cm**3)	1.660E+00	1.500E+00	---	DENSUZ(1)
R015	Unsat. zone 1, total porosity	3.300E-01	4.000E-01	---	TPUZ(1)
R015	Unsat. zone 1, effective porosity	2.400E-01	2.000E-01	---	EPUZ(1)
R015	Unsat. zone 1, field capacity	2.000E-01	2.000E-01	---	FCUZ(1)
R015	Unsat. zone 1, soil-specific b parameter	4.900E+00	5.300E+00	---	BUZ(1)
R015	Unsat. zone 1, hydraulic conductivity (m/yr)	5.000E+03	1.000E+01	---	HCUZ(1)
R016	Distribution coefficients for Cs-137				
R016	Contaminated zone (cm**3/g)	5.300E+02	4.600E+03	---	DCNUCC(1)
R016	Unsaturated zone 1 (cm**3/g)	5.300E+02	4.600E+03	---	DCNUCU(1,1)
R016	Saturated zone (cm**3/g)	5.300E+02	4.600E+03	---	DCNUCS(1)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	3.817E-04	ALEACH(1)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(1)
R016	Distribution coefficients for H-3				
R016	Contaminated zone (cm**3/g)	0.000E+00	0.000E+00	---	DCNUCC(2)
R016	Unsaturated zone 1 (cm**3/g)	0.000E+00	0.000E+00	---	DCNUCU(2,1)
R016	Saturated zone (cm**3/g)	0.000E+00	0.000E+00	---	DCNUCS(2)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	1.399E+00	ALEACH(2)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(2)
R016	Distribution coefficients for Pb-210				
R016	Contaminated zone (cm**3/g)	1.000E+02	1.000E+02	---	DCNUCC(3)
R016	Unsaturated zone 1 (cm**3/g)	1.000E+02	1.000E+02	---	DCNUCU(3,1)
R016	Saturated zone (cm**3/g)	1.000E+02	1.000E+02	---	DCNUCS(3)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	2.020E-03	ALEACH(3)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(3)
R016	Distribution coefficients for Ra-226				
R016	Contaminated zone (cm**3/g)	7.000E+01	7.000E+01	---	DCNUCC(4)
R016	Unsaturated zone 1 (cm**3/g)	7.000E+01	7.000E+01	---	DCNUCU(4,1)
R016	Saturated zone (cm**3/g)	7.000E+01	7.000E+01	---	DCNUCS(4)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	2.885E-03	ALEACH(4)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(4)

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Site-Specific Parameter Summary (continued)

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R016	Distribution coefficients for Sr-90				
R016	Contaminated zone (cm**3/g)	2.200E+01	3.000E+01	---	DCNUCC(5)
R016	Unsaturated zone 1 (cm**3/g)	2.200E+01	3.000E+01	---	DCNUCU(5,1)
R016	Saturated zone (cm**3/g)	2.200E+01	3.000E+01	---	DCNUCS(5)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	9.137E-03	ALEACH(5)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(5)
R016	Distribution coefficients for Th-230				
R016	Contaminated zone (cm**3/g)	6.000E+04	6.000E+04	---	DCNUCC(6)
R016	Unsaturated zone 1 (cm**3/g)	6.000E+04	6.000E+04	---	DCNUCU(6,1)
R016	Saturated zone (cm**3/g)	6.000E+04	6.000E+04	---	DCNUCS(6)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	3.372E-06	ALEACH(6)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(6)
R016	Distribution coefficients for U-234				
R016	Contaminated zone (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCC(7)
R016	Unsaturated zone 1 (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCU(7,1)
R016	Saturated zone (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCS(7)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	4.035E-03	ALEACH(7)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(7)
R016	Distribution coefficients for U-238				
R016	Contaminated zone (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCC(8)
R016	Unsaturated zone 1 (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCU(8,1)
R016	Saturated zone (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCS(8)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	4.035E-03	ALEACH(8)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(8)
R017	Inhalation rate (m**3/yr)	7.300E+03	8.400E+03	---	INHALR
R017	Mass loading for inhalation (g/m**3)	1.000E-04	1.000E-04	---	MLINH
R017	Exposure duration	3.000E+01	3.000E+01	---	ED
R017	Shielding factor, inhalation	4.000E-01	4.000E-01	---	SHF3
R017	Shielding factor, external gamma	8.000E-01	7.000E-01	---	SHF1
R017	Fraction of time spent indoors	5.000E-01	5.000E-01	---	FIND
R017	Fraction of time spent outdoors (on site)	2.500E-01	2.500E-01	---	FOTD
R017	Shape factor flag, external gamma	1.000E+00	1.000E+00	>0 shows circular AREA.	FS
R017	Radii of shape factor array (used if FS = -1):				
R017	Outer annular radius (m), ring 1:	not used	5.000E+01	---	RAD_SHAPE(1)
R017	Outer annular radius (m), ring 2:	not used	7.071E+01	---	RAD_SHAPE(2)
R017	Outer annular radius (m), ring 3:	not used	0.000E+00	---	RAD_SHAPE(3)
R017	Outer annular radius (m), ring 4:	not used	0.000E+00	---	RAD_SHAPE(4)
R017	Outer annular radius (m), ring 5:	not used	0.000E+00	---	RAD_SHAPE(5)
R017	Outer annular radius (m), ring 6:	not used	0.000E+00	---	RAD_SHAPE(6)
R017	Outer annular radius (m), ring 7:	not used	0.000E+00	---	RAD_SHAPE(7)
R017	Outer annular radius (m), ring 8:	not used	0.000E+00	---	RAD_SHAPE(8)
R017	Outer annular radius (m), ring 9:	not used	0.000E+00	---	RAD_SHAPE(9)
R017	Outer annular radius (m), ring 10:	not used	0.000E+00	---	RAD_SHAPE(10)
R017	Outer annular radius (m), ring 11:	not used	0.000E+00	---	RAD_SHAPE(11)
R017	Outer annular radius (m), ring 12:	not used	0.000E+00	---	RAD_SHAPE(12)

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Site-Specific Parameter Summary (continued)

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R017	Fractions of annular areas within AREA:				
R017	Ring 1	not used	1.000E+00	---	FRACA(1)
R017	Ring 2	not used	2.732E-01	---	FRACA(2)
R017	Ring 3	not used	0.000E+00	---	FRACA(3)
R017	Ring 4	not used	0.000E+00	---	FRACA(4)
R017	Ring 5	not used	0.000E+00	---	FRACA(5)
R017	Ring 6	not used	0.000E+00	---	FRACA(6)
R017	Ring 7	not used	0.000E+00	---	FRACA(7)
R017	Ring 8	not used	0.000E+00	---	FRACA(8)
R017	Ring 9	not used	0.000E+00	---	FRACA(9)
R017	Ring 10	not used	0.000E+00	---	FRACA(10)
R017	Ring 11	not used	0.000E+00	---	FRACA(11)
R017	Ring 12	not used	0.000E+00	---	FRACA(12)
R018	Fruits, vegetables and grain consumption (kg/yr)	not used	1.600E+02	---	DIET(1)
R018	Leafy vegetable consumption (kg/yr)	not used	1.400E+01	---	DIET(2)
R018	Milk consumption (L/yr)	not used	9.200E+01	---	DIET(3)
R018	Meat and poultry consumption (kg/yr)	not used	6.300E+01	---	DIET(4)
R018	Fish consumption (kg/yr)	not used	5.400E+00	---	DIET(5)
R018	Other seafood consumption (kg/yr)	not used	9.000E-01	---	DIET(6)
R018	Soil ingestion rate (g/yr)	4.380E+01	3.650E+01	---	SOIL
R018	Drinking water intake (L/yr)	7.000E+02	5.100E+02	---	DWI
R018	Contamination fraction of drinking water	1.000E+00	1.000E+00	---	FDW
R018	Contamination fraction of household water	not used	1.000E+00	---	FHHW
R018	Contamination fraction of livestock water	not used	1.000E+00	---	FLW
R018	Contamination fraction of irrigation water	not used	1.000E+00	---	FIRW
R018	Contamination fraction of aquatic food	not used	5.000E-01	---	FR9
R018	Contamination fraction of plant food	not used	-1	---	FPLANT
R018	Contamination fraction of meat	not used	-1	---	FMEAT
R018	Contamination fraction of milk	not used	-1	---	FMILK
R019	Livestock fodder intake for meat (kg/day)	not used	6.800E+01	---	LFI5
R019	Livestock fodder intake for milk (kg/day)	not used	5.500E+01	---	LFI6
R019	Livestock water intake for meat (L/day)	not used	5.000E+01	---	LWI5
R019	Livestock water intake for milk (L/day)	not used	1.600E+02	---	LWI6
R019	Livestock soil intake (kg/day)	not used	5.000E-01	---	LSI
R019	Mass loading for foliar deposition (g/m**3)	not used	1.000E-04	---	MLFD
R019	Depth of soil mixing layer (m)	1.500E-01	1.500E-01	---	DM
R019	Depth of roots (m)	not used	9.000E-01	---	DROOT
R019	Drinking water fraction from ground water	1.000E+00	1.000E+00	---	FGWDW
R019	Household water fraction from ground water	not used	1.000E+00	---	FGWHH
R019	Livestock water fraction from ground water	not used	1.000E+00	---	FGWLW
R019	Irrigation fraction from ground water	not used	1.000E+00	---	FGWIR
R19B	Wet weight crop yield for Non-Leafy (kg/m**2)	not used	7.000E-01	---	YV(1)
R19B	Wet weight crop yield for Leafy (kg/m**2)	not used	1.500E+00	---	YV(2)
R19B	Wet weight crop yield for Fodder (kg/m**2)	not used	1.100E+00	---	YV(3)
R19B	Growing Season for Non-Leafy (years)	not used	1.700E-01	---	TE(1)
R19B	Growing Season for Leafy (years)	not used	2.500E-01	---	TE(2)
R19B	Growing Season for Fodder (years)	not used	8.000E-02	---	TE(3)

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Site-Specific Parameter Summary (continued)

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R19B	Translocation Factor for Non-Leafy	not used	1.000E-01	---	TIV(1)
R19B	Translocation Factor for Leafy	not used	1.000E+00	---	TIV(2)
R19B	Translocation Factor for Fodder	not used	1.000E+00	---	TIV(3)
R19B	Dry Foliar Interception Fraction for Non-Leafy	not used	2.500E-01	---	RDRY(1)
R19B	Dry Foliar Interception Fraction for Leafy	not used	2.500E-01	---	RDRY(2)
R19B	Dry Foliar Interception Fraction for Fodder	not used	2.500E-01	---	RDRY(3)
R19B	Wet Foliar Interception Fraction for Non-Leafy	not used	2.500E-01	---	RWET(1)
R19B	Wet Foliar Interception Fraction for Leafy	not used	2.500E-01	---	RWET(2)
R19B	Wet Foliar Interception Fraction for Fodder	not used	2.500E-01	---	RWET(3)
R19B	Weathering Removal Constant for Vegetation	not used	2.000E+01	---	WLAM
C14	C-12 concentration in water (g/cm**3)	not used	2.000E-05	---	C12WTR
C14	C-12 concentration in contaminated soil (g/g)	not used	3.000E-02	---	C12CZ
C14	Fraction of vegetation carbon from soil	not used	2.000E-02	---	CSOIL
C14	Fraction of vegetation carbon from air	not used	9.800E-01	---	CAIR
C14	C-14 evasion layer thickness in soil (m)	not used	3.000E-01	---	DMC
C14	C-14 evasion flux rate from soil (1/sec)	not used	7.000E-07	---	EVSN
C14	C-12 evasion flux rate from soil (1/sec)	not used	1.000E-10	---	REVSN
C14	Fraction of grain in beef cattle feed	not used	8.000E-01	---	AVFG4
C14	Fraction of grain in milk cow feed	not used	2.000E-01	---	AVFG5
STOR	Storage times of contaminated foodstuffs (days):				
STOR	Fruits, non-leafy vegetables, and grain	1.400E+01	1.400E+01	---	STOR_T(1)
STOR	Leafy vegetables	1.000E+00	1.000E+00	---	STOR_T(2)
STOR	Milk	1.000E+00	1.000E+00	---	STOR_T(3)
STOR	Meat and poultry	2.000E+01	2.000E+01	---	STOR_T(4)
STOR	Fish	7.000E+00	7.000E+00	---	STOR_T(5)
STOR	Crustacea and mollusks	7.000E+00	7.000E+00	---	STOR_T(6)
STOR	Well water	1.000E+00	1.000E+00	---	STOR_T(7)
STOR	Surface water	1.000E+00	1.000E+00	---	STOR_T(8)
STOR	Livestock fodder	4.500E+01	4.500E+01	---	STOR_T(9)
R021	Thickness of building foundation (m)	not used	1.500E-01	---	FLOOR1
R021	Bulk density of building foundation (g/cm**3)	not used	2.400E+00	---	DENSFL
R021	Total porosity of the cover material	not used	4.000E-01	---	TPCV
R021	Total porosity of the building foundation	not used	1.000E-01	---	TPFL
R021	Volumetric water content of the cover material	not used	5.000E-02	---	PH2OCV
R021	Volumetric water content of the foundation	not used	3.000E-02	---	PH2OFL
R021	Diffusion coefficient for radon gas (m/sec):				
R021	in cover material	not used	2.000E-06	---	DIFCV
R021	in foundation material	not used	3.000E-07	---	DIFFL
R021	in contaminated zone soil	not used	2.000E-06	---	DIFCZ
R021	Radon vertical dimension of mixing (m)	not used	2.000E+00	---	HMIX
R021	Average building air exchange rate (1/hr)	not used	5.000E-01	---	REXG
R021	Height of the building (room) (m)	not used	2.500E+00	---	HRM
R021	Building interior area factor	not used	0.000E+00	---	FAI
R021	Building depth below ground surface (m)	not used	-1.000E+00	---	DMFL
R021	Emanating power of Rn-222 gas	not used	2.500E-01	---	EMANA(1)
R021	Emanating power of Rn-220 gas	not used	1.500E-01	---	EMANA(2)
TITL	Number of graphical time points	32	---	---	NPTS

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Site-Specific Parameter Summary (continued)

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
TITL	Maximum number of integration points for dose	17	---	---	LYMAX
TITL	Maximum number of integration points for risk	257	---	---	KYMAX

Summary of Pathway Selections

Pathway	User Selection
1 -- external gamma	active
2 -- inhalation (w/o radon)	active
3 -- plant ingestion	suppressed
4 -- meat ingestion	suppressed
5 -- milk ingestion	suppressed
6 -- aquatic foods	suppressed
7 -- drinking water	active
8 -- soil ingestion	active
9 -- radon	suppressed
Find peak pathway doses	suppressed

Summary : IR/FSS_M0001_Ind_Avg Bkgd Subtract
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Contaminated Zone Dimensions		Initial Soil Concentrations, pCi/g	
Area:	1.00 square meters	Cs-137	4.390E+00
Thickness:	2.00 meters	H-3	1.556E+02
Cover Depth:	0.00 meters	Pb-210	2.510E-01
		Ra-226	2.510E-01
		Sr-90	5.100E+00
		Th-230	2.200E-01
		U-234	2.200E-01
		U-238	2.200E-01

Total Dose TDOSE(t), mrem/yr
Basic Radiation Dose Limit = 2.500E+01 mrem/yr
Total Mixture Sum M(t) = Fraction of Basic Dose Limit Received at Time (t)

t (years):	0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
TDOSE(t):	1.192E+00	1.167E+00	1.077E+00	9.748E-01	4.721E-01	2.377E-01	5.375E-02	2.754E-02
M(t):	4.767E-02	4.668E-02	4.306E-02	3.899E-02	1.888E-02	9.506E-03	2.150E-03	1.102E-03

Maximum TDOSE(t): 1.192E+00 mrem/yr at t = 0.000E+00 years

Summary : IR/FSS_M0001_Ind_Avg Bkgd Subtract
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Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 0.000E+00 years

Water Independent Pathways (Inhalation excludes radon)

	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Radio-														
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Cs-137	9.822E-01	0.8241	1.047E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.127E-06	0.0000
H-3	0.000E+00	0.0000	1.444E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.147E-07	0.0000
Pb-210	1.140E-04	0.0001	4.332E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.901E-05	0.0000
Ra-226	1.806E-01	0.1515	1.697E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.179E-05	0.0000
Sr-90	8.135E-03	0.0068	4.966E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.518E-05	0.0000
Th-230	5.469E-05	0.0000	5.426E-04	0.0005	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.963E-06	0.0000
U-234	7.079E-06	0.0000	2.192E-04	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.041E-06	0.0000
U-238	2.258E-03	0.0019	1.961E-04	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.938E-06	0.0000
Total	1.173E+00	0.9845	1.213E-03	0.0010	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.112E-04	0.0001

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 0.000E+00 years

Water Dependent Pathways

	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Radio-														
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Cs-137	3.705E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.822E-01	0.8241
H-3	6.486E-03	0.0054	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.631E-03	0.0056
Pb-210	1.572E-03	0.0013	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.788E-03	0.0015
Ra-226	6.742E-04	0.0006	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.813E-01	0.1521
Sr-90	8.026E-03	0.0067	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.624E-02	0.0136
Th-230	7.344E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.013E-04	0.0005
U-234	2.197E-04	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.481E-04	0.0004
U-238	2.086E-04	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.665E-03	0.0022
Total	1.719E-02	0.0144	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.192E+00	1.0000

*Sum of all water independent and dependent pathways.

Summary : IR/FSS_M0001_Ind_Avg Bkgd Subtract
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Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+00 years

Water Independent Pathways (Inhalation excludes radon)

	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Radio-														
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Cs-137	9.594E-01	0.8221	1.023E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.961E-06	0.0000
H-3	0.000E+00	0.0000	1.019E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.099E-09	0.0000
Pb-210	1.103E-04	0.0001	4.191E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.709E-05	0.0000
Ra-226	1.800E-01	0.1543	1.823E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.356E-05	0.0000
Sr-90	7.871E-03	0.0067	4.805E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.437E-05	0.0000
Th-230	1.232E-04	0.0001	5.426E-04	0.0005	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.967E-06	0.0000
U-234	7.052E-06	0.0000	2.184E-04	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.033E-06	0.0000
U-238	2.249E-03	0.0019	1.953E-04	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.930E-06	0.0000
Total	1.150E+00	0.9852	1.076E-03	0.0009	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.099E-04	0.0001

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+00 years

Water Dependent Pathways

	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Radio-														
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Cs-137	1.104E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.594E-01	0.8221
H-3	5.339E-04	0.0005	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.441E-04	0.0005
Pb-210	4.275E-03	0.0037	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.485E-03	0.0038
Ra-226	1.502E-03	0.0013	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.815E-01	0.1556
Sr-90	9.126E-03	0.0078	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.707E-02	0.0146
Th-230	4.711E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.702E-04	0.0006
U-234	3.363E-04	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.637E-04	0.0005
U-238	3.193E-04	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.766E-03	0.0024
Total	1.609E-02	0.0138	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.167E+00	1.0000

*Sum of all water independent and dependent pathways.

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Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+00 years

Water Independent Pathways (Inhalation excludes radon)

	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Radio-														
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Cs-137	8.733E-01	0.8112	9.311E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.337E-06	0.0000
H-3	0.000E+00	0.0000	2.502E-10	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.987E-13	0.0000
Pb-210	9.662E-05	0.0001	3.672E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.001E-05	0.0000
Ra-226	1.777E-01	0.1650	2.284E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.998E-05	0.0000
Sr-90	6.899E-03	0.0064	4.212E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.136E-05	0.0000
Th-230	3.948E-04	0.0004	5.426E-04	0.0005	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.993E-06	0.0000
U-234	6.948E-06	0.0000	2.149E-04	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.001E-06	0.0000
U-238	2.213E-03	0.0021	1.921E-04	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.899E-06	0.0000
Total	1.061E+00	0.9852	1.052E-03	0.0010	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.056E-04	0.0001

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+00 years

Water Dependent Pathways

	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Radio-														
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Cs-137	3.827E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.734E-01	0.8112
H-3	1.312E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.337E-08	0.0000
Pb-210	4.142E-03	0.0038	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.326E-03	0.0040
Ra-226	2.035E-03	0.0019	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.797E-01	0.1669
Sr-90	7.996E-03	0.0074	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.496E-02	0.0139
Th-230	2.891E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.442E-04	0.0009
U-234	3.308E-04	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.546E-04	0.0005
U-238	3.141E-04	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.721E-03	0.0025
Total	1.482E-02	0.0138	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.077E+00	1.0000

*Sum of all water independent and dependent pathways.

Summary : IR/FSS_M0001_Ind_Avg Bkgd Subtract
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Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+01 years

Water Independent Pathways (Inhalation excludes radon)

	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Radio-														
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Cs-137	7.766E-01	0.7966	8.279E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.635E-06	0.0000
H-3	0.000E+00	0.0000	4.205E-16	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.341E-19	0.0000
Pb-210	8.188E-05	0.0001	3.111E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.238E-05	0.0000
Ra-226	1.747E-01	0.1793	2.768E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.676E-05	0.0000
Sr-90	5.852E-03	0.0060	3.572E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.811E-05	0.0000
Th-230	7.292E-04	0.0007	5.426E-04	0.0006	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.037E-06	0.0000
U-234	6.834E-06	0.0000	2.106E-04	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.961E-06	0.0000
U-238	2.169E-03	0.0022	1.883E-04	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.861E-06	0.0000
Total	9.602E-01	0.9850	1.037E-03	0.0011	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.007E-04	0.0001

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+01 years

Water Dependent Pathways

	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Radio-														
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Cs-137	6.543E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.766E-01	0.7967
H-3	2.208E-14	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.250E-14	0.0000
Pb-210	3.510E-03	0.0036	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.665E-03	0.0038
Ra-226	2.588E-03	0.0027	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.774E-01	0.1820
Sr-90	6.777E-03	0.0070	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.268E-02	0.0130
Th-230	6.916E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.283E-03	0.0013
U-234	3.240E-04	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.434E-04	0.0006
U-238	3.077E-04	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.667E-03	0.0027
Total	1.352E-02	0.0139	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.748E-01	1.0000

*Sum of all water independent and dependent pathways.

Summary : IR/FSS_M0001_Ind_Avg Bkgd Subtract
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Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+01 years

Water Independent Pathways (Inhalation excludes radon)

	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Radio-														
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Cs-137	3.035E-01	0.6429	3.236E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.202E-06	0.0000
H-3	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Pb-210	2.178E-05	0.0000	8.278E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.128E-05	0.0000
Ra-226	1.531E-01	0.3242	4.404E-05	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.040E-05	0.0001
Sr-90	1.567E-03	0.0033	9.566E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.851E-06	0.0000
Th-230	3.214E-03	0.0068	5.429E-04	0.0011	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.672E-06	0.0000
U-234	6.491E-06	0.0000	1.794E-04	0.0004	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.670E-06	0.0000
U-238	1.846E-03	0.0039	1.603E-04	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.584E-06	0.0000
Total	4.633E-01	0.9812	9.447E-04	0.0020	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.665E-05	0.0002

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+01 years

Water Dependent Pathways

	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Radio-														
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Cs-137	1.253E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.035E-01	0.6429
H-3	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Pb-210	9.318E-04	0.0020	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.731E-04	0.0021
Ra-226	4.489E-03	0.0095	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.577E-01	0.3340
Sr-90	1.806E-03	0.0038	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.387E-03	0.0072
Th-230	6.084E-05	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.823E-03	0.0081
U-234	2.746E-04	0.0006	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.622E-04	0.0010
U-238	2.608E-04	0.0006	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.268E-03	0.0048
Total	7.836E-03	0.0166	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.721E-01	1.0000

*Sum of all water independent and dependent pathways.

Summary : IR/FSS_M0001_Ind_Avg Bkgd Subtract
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Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+02 years

Water Independent Pathways (Inhalation excludes radon)

	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Radio-														
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Cs-137	9.379E-02	0.3947	9.999E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.806E-07	0.0000
H-3	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Pb-210	4.162E-06	0.0000	1.582E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.154E-06	0.0000
Ra-226	1.297E-01	0.5457	4.297E-05	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.041E-05	0.0002
Sr-90	3.018E-04	0.0013	1.843E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.344E-07	0.0000
Th-230	5.890E-03	0.0248	5.434E-04	0.0023	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.647E-06	0.0000
U-234	7.193E-06	0.0000	1.468E-04	0.0006	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.367E-06	0.0000
U-238	1.508E-03	0.0063	1.310E-04	0.0006	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.295E-06	0.0000
Total	2.312E-01	0.9728	8.677E-04	0.0037	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.249E-05	0.0003

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+02 years

Water Dependent Pathways

	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Radio-														
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Cs-137	7.853E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.380E-02	0.3947
H-3	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Pb-210	1.775E-04	0.0007	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.854E-04	0.0008
Ra-226	4.423E-03	0.0186	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.342E-01	0.5647
Sr-90	3.455E-04	0.0015	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.501E-04	0.0027
Th-230	1.397E-04	0.0006	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.578E-03	0.0277
U-234	2.232E-04	0.0009	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.786E-04	0.0016
U-238	2.120E-04	0.0009	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.853E-03	0.0078
Total	5.529E-03	0.0233	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.377E-01	1.0000

*Sum of all water independent and dependent pathways.

Summary : IR/FSS_M0001_Ind_Avg Bkgd Subtract
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Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+02 years

Water Independent Pathways (Inhalation excludes radon)

	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Radio-														
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Cs-137	7.801E-06	0.0001	8.316E-12	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.660E-11	0.0000
H-3	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Pb-210	7.390E-12	0.0000	2.808E-12	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.825E-12	0.0000
Ra-226	3.440E-02	0.6400	1.184E-05	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.397E-05	0.0003
Sr-90	5.721E-10	0.0000	3.492E-12	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.771E-12	0.0000
Th-230	1.673E-02	0.3113	5.444E-04	0.0101	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.001E-05	0.0002
U-234	2.608E-05	0.0005	3.017E-05	0.0006	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.875E-07	0.0000
U-238	3.003E-04	0.0056	2.611E-05	0.0005	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.581E-07	0.0000
Total	5.147E-02	0.9576	6.126E-04	0.0114	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.452E-05	0.0005

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+02 years

Water Dependent Pathways

	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Radio-														
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Cs-137	1.052E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.802E-06	0.0001
H-3	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Pb-210	3.022E-10	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.162E-10	0.0000
Ra-226	1.149E-03	0.0214	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.558E-02	0.6619
Sr-90	6.045E-10	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.182E-09	0.0000
Th-230	4.122E-04	0.0077	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.770E-02	0.3293
U-234	4.224E-05	0.0008	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.877E-05	0.0018
U-238	3.957E-05	0.0007	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.663E-04	0.0068
Total	1.643E-03	0.0306	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.375E-02	1.0000

*Sum of all water independent and dependent pathways.

Summary : IR/FSS_M0001_Ind_Avg Bkgd Subtract
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Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+03 years

Water Independent Pathways (Inhalation excludes radon)

	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Radio-														
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Cs-137	6.196E-11	0.0000	6.605E-17	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.496E-16	0.0000
H-3	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Pb-210	4.790E-19	0.0000	1.820E-19	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.480E-19	0.0000
Ra-226	6.548E-03	0.2378	2.253E-06	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.659E-06	0.0001
Sr-90	4.023E-17	0.0000	2.456E-19	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.245E-19	0.0000
Th-230	1.981E-02	0.7192	5.422E-04	0.0197	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.124E-05	0.0004
U-234	4.045E-05	0.0015	5.056E-06	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.939E-08	0.0000
U-238	3.996E-05	0.0015	3.479E-06	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.439E-08	0.0000
Total	2.643E-02	0.9599	5.530E-04	0.0201	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.399E-05	0.0005

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+03 years

Water Dependent Pathways

	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Radio-														
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Cs-137	9.898E-15	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.197E-11	0.0000
H-3	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Pb-210	1.743E-17	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.834E-17	0.0000
Ra-226	1.812E-04	0.0066	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.734E-03	0.2445
Sr-90	3.487E-17	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.547E-17	0.0000
Th-230	3.448E-04	0.0125	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.070E-02	0.7518
U-234	5.758E-06	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.132E-05	0.0019
U-238	4.472E-06	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.794E-05	0.0017
Total	5.362E-04	0.0195	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.754E-02	1.0000

*Sum of all water independent and dependent pathways.

Summary : IR/FSS_M0001_Ind_Avg Bkgd Subtract

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Dose/Source Ratios Summed Over All Pathways

Parent and Progeny Principal Radionuclide Contributions Indicated

Parent (i)	Product (j)	Thread Fraction	DSR(j,t) At Time in Years (mrem/yr)/(pCi/g) 0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
Cs-137+D	Cs-137+D	1.000E+00	2.237E-01	2.185E-01	1.989E-01	1.769E-01	6.914E-02	2.137E-02	1.777E-06	1.412E-11
H-3	H-3	1.000E+00	4.261E-05	3.497E-06	8.590E-11	1.446E-16	0.000E+00	0.000E+00	0.000E+00	0.000E+00
Pb-210+D	Pb-210+D	1.000E+00	7.124E-03	1.787E-02	1.723E-02	1.460E-02	3.877E-03	7.386E-04	1.260E-09	7.308E-17
Ra-226+D	Ra-226+D	1.000E+00	7.222E-01	7.224E-01	7.129E-01	7.011E-01	6.140E-01	5.201E-01	1.379E-01	2.623E-02
Ra-226+D	Pb-210+D	1.000E+00	1.796E-04	9.187E-04	3.204E-03	5.596E-03	1.416E-02	1.460E-02	3.839E-03	6.048E-04
Ra-226+D	äDSR(j)		7.224E-01	7.233E-01	7.161E-01	7.067E-01	6.281E-01	5.347E-01	1.417E-01	2.683E-02
Sr-90+D	Sr-90+D	1.000E+00	3.183E-03	3.347E-03	2.933E-03	2.487E-03	6.642E-04	1.275E-04	2.317E-10	1.480E-17
Th-230	Th-230	1.000E+00	2.577E-03	2.577E-03	2.577E-03	2.576E-03	2.575E-03	2.574E-03	2.561E-03	2.545E-03
Th-230	Ra-226+D	1.000E+00	1.563E-04	4.691E-04	1.711E-03	3.241E-03	1.460E-02	2.683E-02	7.633E-02	9.023E-02
Th-230	Pb-210+D	1.000E+00	1.845E-08	2.329E-07	3.709E-06	1.298E-05	1.971E-04	4.971E-04	1.569E-03	1.333E-03
Th-230	äDSR(j)		2.733E-03	3.046E-03	4.292E-03	5.831E-03	1.738E-02	2.990E-02	8.046E-02	9.411E-02
U-234	U-234	1.000E+00	2.037E-03	2.562E-03	2.521E-03	2.470E-03	2.096E-03	1.708E-03	3.267E-04	3.952E-05
U-234	Th-230	1.000E+00	1.163E-08	3.478E-08	1.263E-07	2.387E-07	1.060E-06	1.917E-06	4.967E-06	5.595E-06
U-234	Ra-226+D	1.000E+00	5.067E-10	3.333E-09	4.229E-08	1.519E-07	3.186E-06	1.119E-05	1.148E-04	1.841E-04
U-234	Pb-210+D	1.000E+00	1.466E-10	2.203E-10	2.042E-10	4.985E-10	3.074E-08	1.597E-07	2.551E-06	4.038E-06
U-234	äDSR(j)		2.037E-03	2.562E-03	2.521E-03	2.470E-03	2.101E-03	1.721E-03	4.490E-04	2.333E-04
U-238	U-238	5.400E-05	9.771E-08	1.233E-07	1.213E-07	1.188E-07	1.009E-07	8.219E-08	1.573E-08	1.904E-09
U-238+D	U-238+D	9.999E-01	1.211E-02	1.257E-02	1.237E-02	1.212E-02	1.031E-02	8.421E-03	1.664E-03	2.176E-04
U-238+D	U-234	9.999E-01	3.293E-09	1.089E-08	3.930E-08	7.351E-08	3.002E-07	4.866E-07	4.638E-07	1.122E-07
U-238+D	Th-230	9.999E-01	3.316E-14	1.268E-13	1.121E-12	3.796E-12	7.450E-11	2.568E-10	2.420E-09	3.661E-09
U-238+D	Ra-226+D	9.999E-01	4.597E-11	1.048E-10	2.890E-10	5.597E-10	2.602E-09	5.453E-09	5.484E-08	1.199E-07
U-238+D	Pb-210+D	9.999E-01	1.775E-10	4.046E-10	1.115E-09	2.155E-09	9.470E-09	1.712E-08	4.503E-08	5.181E-08
U-238+D	äDSR(j)		1.211E-02	1.257E-02	1.237E-02	1.212E-02	1.031E-02	8.422E-03	1.665E-03	2.179E-04

The DSR includes contributions from associated (half-life ó 180 days) daughters.

Summary : IR/FSS_M0001_Ind_Avg Bkgd Subtract
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Single Radionuclide Soil Guidelines G(i,t) in pCi/g
Basic Radiation Dose Limit = 2.500E+01 mrem/yr

Nuclide (i)	t= 0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
Cs-137	1.117E+02	1.144E+02	1.257E+02	1.413E+02	3.616E+02	1.170E+03	1.407E+07	1.771E+12
H-3	5.867E+05	7.149E+06	2.910E+11	*9.597E+15	*9.597E+15	*9.597E+15	*9.597E+15	*9.597E+15
Pb-210	3.509E+03	1.399E+03	1.451E+03	1.712E+03	6.448E+03	3.385E+04	1.984E+10	*7.634E+13
Ra-226	3.461E+01	3.456E+01	3.491E+01	3.537E+01	3.980E+01	4.675E+01	1.764E+02	9.318E+02
Sr-90	7.853E+03	7.470E+03	8.524E+03	1.005E+04	3.764E+04	1.961E+05	1.079E+11	*1.365E+14
Th-230	9.147E+03	8.207E+03	5.825E+03	4.288E+03	1.439E+03	8.361E+02	3.107E+02	2.656E+02
U-234	1.227E+04	9.757E+03	9.917E+03	1.012E+04	1.190E+04	1.453E+04	5.568E+04	1.072E+05
U-238	2.064E+03	1.989E+03	2.021E+03	2.062E+03	2.425E+03	2.969E+03	1.502E+04	1.147E+05

*At specific activity limit

Summed Dose/Source Ratios DSR(i,t) in (mrem/yr)/(pCi/g)
and Single Radionuclide Soil Guidelines G(i,t) in pCi/g
at tmin = time of minimum single radionuclide soil guideline
and at tmax = time of maximum total dose = 0.000E+00 years

Nuclide (i)	Initial (pCi/g)	tmin (years)	DSR(i,tmin)	G(i,tmin) (pCi/g)	DSR(i,tmax)	G(i,tmax) (pCi/g)
Cs-137	4.390E+00	0.000E+00	2.237E-01	1.117E+02	2.237E-01	1.117E+02
H-3	1.556E+02	0.000E+00	4.261E-05	5.867E+05	4.261E-05	5.867E+05
Pb-210	2.510E-01	1.536 ñ 0.003	1.933E-02	1.293E+03	7.124E-03	3.509E+03
Ra-226	2.510E-01	0.718 ñ 0.001	7.236E-01	3.455E+01	7.224E-01	3.461E+01
Sr-90	5.100E+00	0.2910 ñ 0.0006	3.425E-03	7.300E+03	3.183E-03	7.853E+03
Th-230	2.200E-01	1.000E+03	9.411E-02	2.656E+02	2.733E-03	9.147E+03
U-234	2.200E-01	0.694 ñ 0.001	2.566E-03	9.744E+03	2.037E-03	1.227E+04
U-238	2.200E-01	0.688 ñ 0.001	1.259E-02	1.986E+03	1.211E-02	2.064E+03

Summary : IR/FSS_M0001_Ind_Avg Bkgd Subtract
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Individual Nuclide Dose Summed Over All Pathways
Parent Nuclide and Branch Fraction Indicated

Nuclide (j)	Parent (i)	THF(i)	DOSE(j,t), mrem/yr t= 0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
Cs-137	Cs-137	1.000E+00	9.822E-01	9.594E-01	8.734E-01	7.766E-01	3.035E-01	9.380E-02	7.802E-06	6.197E-11
H-3	H-3	1.000E+00	6.631E-03	5.441E-04	1.337E-08	2.250E-14	0.000E+00	0.000E+00	0.000E+00	0.000E+00
Pb-210	Pb-210	1.000E+00	1.788E-03	4.485E-03	4.326E-03	3.665E-03	9.731E-04	1.854E-04	3.162E-10	1.834E-17
Pb-210	Ra-226	1.000E+00	4.508E-05	2.306E-04	8.042E-04	1.405E-03	3.555E-03	3.664E-03	9.637E-04	1.518E-04
Pb-210	Th-230	1.000E+00	4.059E-09	5.123E-08	8.160E-07	2.856E-06	4.336E-05	1.094E-04	3.451E-04	2.933E-04
Pb-210	U-234	1.000E+00	3.225E-11	4.848E-11	4.492E-11	1.097E-10	6.762E-09	3.514E-08	5.613E-07	8.884E-07
Pb-210	U-238	9.999E-01	3.904E-11	8.901E-11	2.452E-10	4.741E-10	2.083E-09	3.766E-09	9.906E-09	1.140E-08
Pb-210	äDOSE(j)		1.833E-03	4.715E-03	5.131E-03	5.073E-03	4.572E-03	3.959E-03	1.309E-03	4.460E-04
Ra-226	Ra-226	1.000E+00	1.813E-01	1.813E-01	1.789E-01	1.760E-01	1.541E-01	1.305E-01	3.461E-02	6.583E-03
Ra-226	Th-230	1.000E+00	3.438E-05	1.032E-04	3.765E-04	7.131E-04	3.213E-03	5.903E-03	1.679E-02	1.985E-02
Ra-226	U-234	1.000E+00	1.115E-10	7.334E-10	9.304E-09	3.342E-08	7.010E-07	2.463E-06	2.525E-05	4.051E-05
Ra-226	U-238	9.999E-01	1.011E-11	2.306E-11	6.357E-11	1.231E-10	5.725E-10	1.200E-09	1.207E-08	2.638E-08
Ra-226	äDOSE(j)		1.813E-01	1.814E-01	1.793E-01	1.767E-01	1.573E-01	1.365E-01	5.143E-02	2.647E-02
Sr-90	Sr-90	1.000E+00	1.624E-02	1.707E-02	1.496E-02	1.268E-02	3.387E-03	6.501E-04	1.182E-09	7.547E-17
Th-230	Th-230	1.000E+00	5.669E-04	5.669E-04	5.669E-04	5.668E-04	5.665E-04	5.662E-04	5.634E-04	5.599E-04
Th-230	U-234	1.000E+00	2.559E-09	7.652E-09	2.779E-08	5.252E-08	2.333E-07	4.217E-07	1.093E-06	1.231E-06
Th-230	U-238	9.999E-01	7.296E-15	2.790E-14	2.467E-13	8.351E-13	1.639E-11	5.650E-11	5.324E-10	8.054E-10
Th-230	äDOSE(j)		5.669E-04	5.669E-04	5.669E-04	5.669E-04	5.668E-04	5.666E-04	5.645E-04	5.612E-04
U-234	U-234	1.000E+00	4.481E-04	5.637E-04	5.546E-04	5.433E-04	4.612E-04	3.757E-04	7.187E-05	8.695E-06
U-234	U-238	9.999E-01	7.246E-10	2.396E-09	8.646E-09	1.617E-08	6.603E-08	1.071E-07	1.020E-07	2.469E-08
U-234	äDOSE(j)		4.481E-04	5.637E-04	5.546E-04	5.433E-04	4.613E-04	3.758E-04	7.197E-05	8.719E-06
U-238	U-238	5.400E-05	2.150E-08	2.713E-08	2.669E-08	2.614E-08	2.220E-08	1.808E-08	3.461E-09	4.189E-10
U-238	U-238	9.999E-01	2.665E-03	2.766E-03	2.721E-03	2.667E-03	2.268E-03	1.853E-03	3.661E-04	4.788E-05
U-238	äDOSE(j)		2.665E-03	2.766E-03	2.721E-03	2.667E-03	2.268E-03	1.853E-03	3.661E-04	4.788E-05

THF(i) is the thread fraction of the parent nuclide.

Summary : IR/FSS_M0001_Ind_Avg Bkgd Subtract
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Individual Nuclide Soil Concentration
Parent Nuclide and Branch Fraction Indicated

Nuclide (j)	Parent (i)	THF(i)	S(j,t), pCi/g t= 0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
Cs-137	Cs-137	1.000E+00	4.390E+00	4.288E+00	3.904E+00	3.471E+00	1.357E+00	4.192E-01	3.487E-05	2.769E-10
H-3	H-3	1.000E+00	1.556E+02	1.099E+01	2.701E-04	4.548E-10	0.000E+00	0.000E+00	0.000E+00	0.000E+00
Pb-210	Pb-210	1.000E+00	2.510E-01	2.428E-01	2.127E-01	1.803E-01	4.796E-02	9.163E-03	1.627E-08	1.055E-15
Pb-210	Ra-226	1.000E+00	0.000E+00	7.661E-03	3.565E-02	6.527E-02	1.718E-01	1.784E-01	4.986E-02	9.491E-03
Pb-210	Th-230	1.000E+00	0.000E+00	1.463E-06	3.487E-05	1.315E-04	2.151E-03	5.567E-03	2.119E-02	2.566E-02
Pb-210	U-234	1.000E+00	0.000E+00	4.400E-12	5.284E-10	4.024E-09	3.490E-07	1.878E-06	3.062E-05	5.177E-05
Pb-210	U-238	9.999E-01	0.000E+00	3.122E-18	1.884E-15	2.885E-14	1.298E-11	1.437E-10	1.107E-08	2.967E-08
Pb-210	äS(j):		2.510E-01	2.505E-01	2.484E-01	2.457E-01	2.220E-01	1.931E-01	7.108E-02	3.520E-02
Ra-226	Ra-226	1.000E+00	2.510E-01	2.502E-01	2.469E-01	2.428E-01	2.126E-01	1.801E-01	4.778E-02	9.094E-03
Ra-226	Th-230	1.000E+00	0.000E+00	9.515E-05	4.726E-04	9.374E-04	4.390E-03	8.106E-03	2.317E-02	2.743E-02
Ra-226	U-234	1.000E+00	0.000E+00	4.279E-10	1.059E-08	4.186E-08	9.494E-07	3.369E-06	3.477E-05	5.584E-05
Ra-226	U-238	9.999E-01	0.000E+00	4.042E-16	4.995E-14	3.940E-13	4.397E-11	3.057E-10	1.314E-08	3.247E-08
Ra-226	äS(j):		2.510E-01	2.503E-01	2.473E-01	2.437E-01	2.170E-01	1.882E-01	7.098E-02	3.658E-02
Sr-90	Sr-90	1.000E+00	5.100E+00	4.935E+00	4.326E+00	3.669E+00	9.824E-01	1.892E-01	3.587E-07	2.522E-14
Th-230	Th-230	1.000E+00	2.200E-01	2.200E-01	2.200E-01	2.200E-01	2.199E-01	2.197E-01	2.186E-01	2.173E-01
Th-230	U-234	1.000E+00	0.000E+00	1.976E-06	9.803E-06	1.941E-05	8.964E-05	1.628E-04	4.236E-04	4.772E-04
Th-230	U-238	9.999E-01	0.000E+00	2.799E-12	6.924E-11	2.733E-10	6.140E-09	2.154E-08	2.058E-07	3.117E-07
Th-230	äS(j):		2.200E-01	2.200E-01	2.200E-01	2.200E-01	2.200E-01	2.199E-01	2.191E-01	2.178E-01
U-234	U-234	1.000E+00	2.200E-01	2.191E-01	2.156E-01	2.113E-01	1.798E-01	1.469E-01	2.921E-02	3.880E-03
U-234	U-238	9.999E-01	0.000E+00	6.211E-07	3.056E-06	5.990E-06	2.548E-05	4.165E-05	4.144E-05	1.101E-05
U-234	äS(j):		2.200E-01	2.191E-01	2.156E-01	2.113E-01	1.798E-01	1.470E-01	2.926E-02	3.891E-03
U-238	U-238	5.400E-05	1.188E-05	1.183E-05	1.164E-05	1.141E-05	9.709E-06	7.936E-06	1.580E-06	2.101E-07
U-238	U-238	9.999E-01	2.200E-01	2.191E-01	2.156E-01	2.113E-01	1.798E-01	1.469E-01	2.925E-02	3.890E-03
U-238	äS(j):		2.200E-01	2.191E-01	2.156E-01	2.113E-01	1.798E-01	1.470E-01	2.926E-02	3.891E-03

THF(i) is the thread fraction of the parent nuclide.

RESCALC.EXE execution time = 37.24 seconds
Total water/soil iteration failures = 5.000E+00.

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Dose Conversion Factor (and Related) Parameter Summary
Dose Library: FGR 11

Menu	Parameter	Current Value#	Base Case*	Parameter Name
A-1	DCF's for external ground radiation, (mrem/yr)/(pCi/g)			
A-1	At-218 (Source: FGR 12)	5.847E-03	5.847E-03	DCF1(1)
A-1	Ba-137m (Source: FGR 12)	3.606E+00	3.606E+00	DCF1(2)
A-1	Bi-210 (Source: FGR 12)	3.606E-03	3.606E-03	DCF1(3)
A-1	Bi-214 (Source: FGR 12)	9.808E+00	9.808E+00	DCF1(4)
A-1	Cs-137 (Source: FGR 12)	7.510E-04	7.510E-04	DCF1(5)
A-1	H-3 (Source: FGR 12)	0.000E+00	0.000E+00	DCF1(6)
A-1	Pa-234 (Source: FGR 12)	1.155E+01	1.155E+01	DCF1(7)
A-1	Pa-234m (Source: FGR 12)	8.967E-02	8.967E-02	DCF1(8)
A-1	Pb-210 (Source: FGR 12)	2.447E-03	2.447E-03	DCF1(9)
A-1	Pb-214 (Source: FGR 12)	1.341E+00	1.341E+00	DCF1(10)
A-1	Po-210 (Source: FGR 12)	5.231E-05	5.231E-05	DCF1(11)
A-1	Po-214 (Source: FGR 12)	5.138E-04	5.138E-04	DCF1(12)
A-1	Po-218 (Source: FGR 12)	5.642E-05	5.642E-05	DCF1(13)
A-1	Ra-226 (Source: FGR 12)	3.176E-02	3.176E-02	DCF1(14)
A-1	Rn-222 (Source: FGR 12)	2.354E-03	2.354E-03	DCF1(15)
A-1	Sr-90 (Source: FGR 12)	7.043E-04	7.043E-04	DCF1(16)
A-1	Th-230 (Source: FGR 12)	1.209E-03	1.209E-03	DCF1(17)
A-1	Th-234 (Source: FGR 12)	2.410E-02	2.410E-02	DCF1(18)
A-1	Tl-210 (Source: no data)	0.000E+00	-2.000E+00	DCF1(19)
A-1	U-234 (Source: FGR 12)	4.017E-04	4.017E-04	DCF1(20)
A-1	U-238 (Source: FGR 12)	1.031E-04	1.031E-04	DCF1(21)
A-1	Y-90 (Source: FGR 12)	2.391E-02	2.391E-02	DCF1(22)
B-1	Dose conversion factors for inhalation, mrem/pCi:			
B-1	Cs-137+D	3.190E-05	3.190E-05	DCF2(1)
B-1	H-3	6.400E-08	6.400E-08	DCF2(2)
B-1	Pb-210+D	2.320E-02	1.360E-02	DCF2(3)
B-1	Ra-226+D	8.594E-03	8.580E-03	DCF2(4)
B-1	Sr-90+D	1.308E-03	1.300E-03	DCF2(5)
B-1	Th-230	3.260E-01	3.260E-01	DCF2(6)
B-1	U-234	1.320E-01	1.320E-01	DCF2(7)
B-1	U-238	1.180E-01	1.180E-01	DCF2(8)
B-1	U-238+D	1.180E-01	1.180E-01	DCF2(9)
D-1	Dose conversion factors for ingestion, mrem/pCi:			
D-1	Cs-137+D	5.000E-05	5.000E-05	DCF3(1)
D-1	H-3	6.400E-08	6.400E-08	DCF3(2)
D-1	Pb-210+D	7.276E-03	5.370E-03	DCF3(3)
D-1	Ra-226+D	1.321E-03	1.320E-03	DCF3(4)
D-1	Sr-90+D	1.528E-04	1.420E-04	DCF3(5)
D-1	Th-230	5.480E-04	5.480E-04	DCF3(6)
D-1	U-234	2.830E-04	2.830E-04	DCF3(7)
D-1	U-238	2.550E-04	2.550E-04	DCF3(8)
D-1	U-238+D	2.687E-04	2.550E-04	DCF3(9)
D-34	Food transfer factors:			
D-34	Cs-137+D , plant/soil concentration ratio, dimensionless	4.000E-02	4.000E-02	RTF(1,1)
D-34	Cs-137+D , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	3.000E-02	3.000E-02	RTF(1,2)
D-34	Cs-137+D , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	8.000E-03	8.000E-03	RTF(1,3)

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Dose Conversion Factor (and Related) Parameter Summary (continued)
Dose Library: FGR 11

Menu	Parameter	Current Value#	Base Case*	Parameter Name
D-34	H-3 , plant/soil concentration ratio, dimensionless	4.800E+00	4.800E+00	RTF(2,1)
D-34	H-3 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	1.200E-02	1.200E-02	RTF(2,2)
D-34	H-3 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	1.000E-02	1.000E-02	RTF(2,3)
D-34				
D-34	Pb-210+D , plant/soil concentration ratio, dimensionless	1.000E-02	1.000E-02	RTF(3,1)
D-34	Pb-210+D , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	8.000E-04	8.000E-04	RTF(3,2)
D-34	Pb-210+D , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	3.000E-04	3.000E-04	RTF(3,3)
D-34				
D-34	Ra-226+D , plant/soil concentration ratio, dimensionless	4.000E-02	4.000E-02	RTF(4,1)
D-34	Ra-226+D , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	1.000E-03	1.000E-03	RTF(4,2)
D-34	Ra-226+D , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	1.000E-03	1.000E-03	RTF(4,3)
D-34				
D-34	Sr-90+D , plant/soil concentration ratio, dimensionless	3.000E-01	3.000E-01	RTF(5,1)
D-34	Sr-90+D , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	8.000E-03	8.000E-03	RTF(5,2)
D-34	Sr-90+D , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	2.000E-03	2.000E-03	RTF(5,3)
D-34				
D-34	Th-230 , plant/soil concentration ratio, dimensionless	1.000E-03	1.000E-03	RTF(6,1)
D-34	Th-230 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	1.000E-04	1.000E-04	RTF(6,2)
D-34	Th-230 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	5.000E-06	5.000E-06	RTF(6,3)
D-34				
D-34	U-234 , plant/soil concentration ratio, dimensionless	2.500E-03	2.500E-03	RTF(7,1)
D-34	U-234 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	3.400E-04	3.400E-04	RTF(7,2)
D-34	U-234 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	6.000E-04	6.000E-04	RTF(7,3)
D-34				
D-34	U-238 , plant/soil concentration ratio, dimensionless	2.500E-03	2.500E-03	RTF(8,1)
D-34	U-238 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	3.400E-04	3.400E-04	RTF(8,2)
D-34	U-238 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	6.000E-04	6.000E-04	RTF(8,3)
D-34				
D-34	U-238+D , plant/soil concentration ratio, dimensionless	2.500E-03	2.500E-03	RTF(9,1)
D-34	U-238+D , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	3.400E-04	3.400E-04	RTF(9,2)
D-34	U-238+D , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	6.000E-04	6.000E-04	RTF(9,3)
D-5	Bioaccumulation factors, fresh water, L/kg:			
D-5	Cs-137+D , fish	2.000E+03	2.000E+03	BIOFAC(1,1)
D-5	Cs-137+D , crustacea and mollusks	1.000E+02	1.000E+02	BIOFAC(1,2)
D-5				
D-5	H-3 , fish	1.000E+00	1.000E+00	BIOFAC(2,1)
D-5	H-3 , crustacea and mollusks	1.000E+00	1.000E+00	BIOFAC(2,2)
D-5				
D-5	Pb-210+D , fish	3.000E+02	3.000E+02	BIOFAC(3,1)
D-5	Pb-210+D , crustacea and mollusks	1.000E+02	1.000E+02	BIOFAC(3,2)
D-5				
D-5	Ra-226+D , fish	5.000E+01	5.000E+01	BIOFAC(4,1)
D-5	Ra-226+D , crustacea and mollusks	2.500E+02	2.500E+02	BIOFAC(4,2)
D-5				
D-5	Sr-90+D , fish	6.000E+01	6.000E+01	BIOFAC(5,1)
D-5	Sr-90+D , crustacea and mollusks	1.000E+02	1.000E+02	BIOFAC(5,2)
D-5				
D-5	Th-230 , fish	1.000E+02	1.000E+02	BIOFAC(6,1)
D-5	Th-230 , crustacea and mollusks	5.000E+02	5.000E+02	BIOFAC(6,2)

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Dose Conversion Factor (and Related) Parameter Summary (continued)
Dose Library: FGR 11

Menu	Parameter	Current Value#	Base Case*	Parameter Name
D-5	U-234 , fish	1.000E+01	1.000E+01	BIOFAC(7,1)
D-5	U-234 , crustacea and mollusks	6.000E+01	6.000E+01	BIOFAC(7,2)
D-5				
D-5	U-238 , fish	1.000E+01	1.000E+01	BIOFAC(8,1)
D-5	U-238 , crustacea and mollusks	6.000E+01	6.000E+01	BIOFAC(8,2)
D-5				
D-5	U-238+D , fish	1.000E+01	1.000E+01	BIOFAC(9,1)
D-5	U-238+D , crustacea and mollusks	6.000E+01	6.000E+01	BIOFAC(9,2)

#For DCF1(xxx) only, factors are for infinite depth & area. See ETFG table in Ground Pathway of Detailed Report.
*Base Case means Default.Lib w/o Associate Nuclide contributions.

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Site-Specific Parameter Summary

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R011	Area of contaminated zone (m**2)	1.000E+00	1.000E+04	---	AREA
R011	Thickness of contaminated zone (m)	2.000E+00	2.000E+00	---	THICK0
R011	Fraction of contamination that is submerged	0.000E+00	0.000E+00	---	SUBMFRACT
R011	Length parallel to aquifer flow (m)	1.000E+00	1.000E+02	---	LCZPAQ
R011	Basic radiation dose limit (mrem/yr)	2.500E+01	3.000E+01	---	BRDL
R011	Time since placement of material (yr)	0.000E+00	0.000E+00	---	TI
R011	Times for calculations (yr)	1.000E+00	1.000E+00	---	T(2)
R011	Times for calculations (yr)	5.000E+00	3.000E+00	---	T(3)
R011	Times for calculations (yr)	1.000E+01	1.000E+01	---	T(4)
R011	Times for calculations (yr)	5.000E+01	3.000E+01	---	T(5)
R011	Times for calculations (yr)	1.000E+02	1.000E+02	---	T(6)
R011	Times for calculations (yr)	5.000E+02	3.000E+02	---	T(7)
R011	Times for calculations (yr)	1.000E+03	1.000E+03	---	T(8)
R011	Times for calculations (yr)	not used	0.000E+00	---	T(9)
R011	Times for calculations (yr)	not used	0.000E+00	---	T(10)
R012	Initial principal radionuclide (pCi/g): Cs-137	4.390E+00	0.000E+00	---	S1(1)
R012	Initial principal radionuclide (pCi/g): H-3	1.556E+02	0.000E+00	---	S1(2)
R012	Initial principal radionuclide (pCi/g): Pb-210	2.510E-01	0.000E+00	---	S1(3)
R012	Initial principal radionuclide (pCi/g): Ra-226	2.510E-01	0.000E+00	---	S1(4)
R012	Initial principal radionuclide (pCi/g): Sr-90	5.100E+00	0.000E+00	---	S1(5)
R012	Initial principal radionuclide (pCi/g): Th-230	2.200E-01	0.000E+00	---	S1(6)
R012	Initial principal radionuclide (pCi/g): U-234	2.200E-01	0.000E+00	---	S1(7)
R012	Initial principal radionuclide (pCi/g): U-238	2.200E-01	0.000E+00	---	S1(8)
R012	Concentration in groundwater (pCi/L): Cs-137	not used	0.000E+00	---	W1(1)
R012	Concentration in groundwater (pCi/L): H-3	not used	0.000E+00	---	W1(2)
R012	Concentration in groundwater (pCi/L): Pb-210	not used	0.000E+00	---	W1(3)
R012	Concentration in groundwater (pCi/L): Ra-226	not used	0.000E+00	---	W1(4)
R012	Concentration in groundwater (pCi/L): Sr-90	not used	0.000E+00	---	W1(5)
R012	Concentration in groundwater (pCi/L): Th-230	not used	0.000E+00	---	W1(6)
R012	Concentration in groundwater (pCi/L): U-234	not used	0.000E+00	---	W1(7)
R012	Concentration in groundwater (pCi/L): U-238	not used	0.000E+00	---	W1(8)
R013	Cover depth (m)	0.000E+00	0.000E+00	---	COVER0
R013	Density of cover material (g/cm**3)	not used	1.500E+00	---	DENSCV
R013	Cover depth erosion rate (m/yr)	not used	1.000E-03	---	VCV
R013	Density of contaminated zone (g/cm**3)	1.660E+00	1.500E+00	---	DENSCZ
R013	Contaminated zone erosion rate (m/yr)	1.000E-03	1.000E-03	---	VCZ
R013	Contaminated zone total porosity	3.300E-01	4.000E-01	---	TPCZ
R013	Contaminated zone field capacity	2.400E-01	2.000E-01	---	FCCZ
R013	Contaminated zone hydraulic conductivity (m/yr)	5.000E+03	1.000E+01	---	HCCZ
R013	Contaminated zone b parameter	4.900E+00	5.300E+00	---	BCZ
R013	Average annual wind speed (m/sec)	6.230E+00	2.000E+00	---	WIND
R013	Humidity in air (g/m**3)	8.000E+00	8.000E+00	---	HUMID
R013	Evapotranspiration coefficient	4.600E-01	5.000E-01	---	EVAPTR
R013	Precipitation (m/yr)	1.230E+00	1.000E+00	---	PRECIP
R013	Irrigation (m/yr)	2.600E-01	2.000E-01	---	RI
R013	Irrigation mode	overhead	overhead	---	IDITCH
R013	Runoff coefficient	2.000E-01	2.000E-01	---	RUNOFF
R013	Watershed area for nearby stream or pond (m**2)	1.000E+06	1.000E+06	---	WAREA

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Site-Specific Parameter Summary (continued)

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R013	Accuracy for water/soil computations	1.000E-03	1.000E-03	Romberg failures occurred	EPS
R014	Density of saturated zone (g/cm**3)	1.660E+00	1.500E+00	---	DENSAQ
R014	Saturated zone total porosity	3.300E-01	4.000E-01	---	TPSZ
R014	Saturated zone effective porosity	2.400E-01	2.000E-01	---	EPSZ
R014	Saturated zone field capacity	2.000E-01	2.000E-01	---	FCSZ
R014	Saturated zone hydraulic conductivity (m/yr)	2.000E+04	1.000E+02	---	HCSZ
R014	Saturated zone hydraulic gradient	4.800E-03	2.000E-02	---	HGWT
R014	Saturated zone b parameter	4.900E+00	5.300E+00	---	BSZ
R014	Water table drop rate (m/yr)	1.000E-03	1.000E-03	---	VWT
R014	Well pump intake depth (m below water table)	1.800E+01	1.000E+01	---	DWIBWT
R014	Model: Nondispersion (ND) or Mass-Balance (MB)	ND	ND	---	MODEL
R014	Well pumping rate (m**3/yr)	2.500E+02	2.500E+02	---	UW
R015	Number of unsaturated zone strata	1	1	---	NS
R015	Unsat. zone 1, thickness (m)	0.000E+00	4.000E+00	---	H(1)
R015	Unsat. zone 1, soil density (g/cm**3)	1.660E+00	1.500E+00	---	DENSUZ(1)
R015	Unsat. zone 1, total porosity	3.300E-01	4.000E-01	---	TPUZ(1)
R015	Unsat. zone 1, effective porosity	2.400E-01	2.000E-01	---	EPUZ(1)
R015	Unsat. zone 1, field capacity	2.000E-01	2.000E-01	---	FCUZ(1)
R015	Unsat. zone 1, soil-specific b parameter	4.900E+00	5.300E+00	---	BUZ(1)
R015	Unsat. zone 1, hydraulic conductivity (m/yr)	5.000E+03	1.000E+01	---	HCUZ(1)
R016	Distribution coefficients for Cs-137				
R016	Contaminated zone (cm**3/g)	5.300E+02	4.600E+03	---	DCNUCC(1)
R016	Unsaturated zone 1 (cm**3/g)	5.300E+02	4.600E+03	---	DCNUCU(1,1)
R016	Saturated zone (cm**3/g)	5.300E+02	4.600E+03	---	DCNUCS(1)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	3.817E-04	ALEACH(1)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(1)
R016	Distribution coefficients for H-3				
R016	Contaminated zone (cm**3/g)	0.000E+00	0.000E+00	---	DCNUCC(2)
R016	Unsaturated zone 1 (cm**3/g)	0.000E+00	0.000E+00	---	DCNUCU(2,1)
R016	Saturated zone (cm**3/g)	0.000E+00	0.000E+00	---	DCNUCS(2)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	1.399E+00	ALEACH(2)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(2)
R016	Distribution coefficients for Pb-210				
R016	Contaminated zone (cm**3/g)	1.000E+02	1.000E+02	---	DCNUCC(3)
R016	Unsaturated zone 1 (cm**3/g)	1.000E+02	1.000E+02	---	DCNUCU(3,1)
R016	Saturated zone (cm**3/g)	1.000E+02	1.000E+02	---	DCNUCS(3)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	2.020E-03	ALEACH(3)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(3)
R016	Distribution coefficients for Ra-226				
R016	Contaminated zone (cm**3/g)	7.000E+01	7.000E+01	---	DCNUCC(4)
R016	Unsaturated zone 1 (cm**3/g)	7.000E+01	7.000E+01	---	DCNUCU(4,1)
R016	Saturated zone (cm**3/g)	7.000E+01	7.000E+01	---	DCNUCS(4)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	2.885E-03	ALEACH(4)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(4)

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Site-Specific Parameter Summary (continued)

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R016	Distribution coefficients for Sr-90				
R016	Contaminated zone (cm**3/g)	2.200E+01	3.000E+01	---	DCNUCC(5)
R016	Unsaturated zone 1 (cm**3/g)	2.200E+01	3.000E+01	---	DCNUCU(5,1)
R016	Saturated zone (cm**3/g)	2.200E+01	3.000E+01	---	DCNUCS(5)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	9.137E-03	ALEACH(5)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(5)
R016	Distribution coefficients for Th-230				
R016	Contaminated zone (cm**3/g)	6.000E+04	6.000E+04	---	DCNUCC(6)
R016	Unsaturated zone 1 (cm**3/g)	6.000E+04	6.000E+04	---	DCNUCU(6,1)
R016	Saturated zone (cm**3/g)	6.000E+04	6.000E+04	---	DCNUCS(6)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	3.372E-06	ALEACH(6)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(6)
R016	Distribution coefficients for U-234				
R016	Contaminated zone (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCC(7)
R016	Unsaturated zone 1 (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCU(7,1)
R016	Saturated zone (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCS(7)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	4.035E-03	ALEACH(7)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(7)
R016	Distribution coefficients for U-238				
R016	Contaminated zone (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCC(8)
R016	Unsaturated zone 1 (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCU(8,1)
R016	Saturated zone (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCS(8)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	4.035E-03	ALEACH(8)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(8)
R017	Inhalation rate (m**3/yr)	7.300E+03	8.400E+03	---	INHALR
R017	Mass loading for inhalation (g/m**3)	1.000E-04	1.000E-04	---	MLINH
R017	Exposure duration	3.000E+01	3.000E+01	---	ED
R017	Shielding factor, inhalation	4.000E-01	4.000E-01	---	SHF3
R017	Shielding factor, external gamma	8.000E-01	7.000E-01	---	SHF1
R017	Fraction of time spent indoors	5.000E-01	5.000E-01	---	FIND
R017	Fraction of time spent outdoors (on site)	2.500E-01	2.500E-01	---	FOTD
R017	Shape factor flag, external gamma	1.000E+00	1.000E+00	>0 shows circular AREA.	FS
R017	Radii of shape factor array (used if FS = -1):				
R017	Outer annular radius (m), ring 1:	not used	5.000E+01	---	RAD_SHAPE(1)
R017	Outer annular radius (m), ring 2:	not used	7.071E+01	---	RAD_SHAPE(2)
R017	Outer annular radius (m), ring 3:	not used	0.000E+00	---	RAD_SHAPE(3)
R017	Outer annular radius (m), ring 4:	not used	0.000E+00	---	RAD_SHAPE(4)
R017	Outer annular radius (m), ring 5:	not used	0.000E+00	---	RAD_SHAPE(5)
R017	Outer annular radius (m), ring 6:	not used	0.000E+00	---	RAD_SHAPE(6)
R017	Outer annular radius (m), ring 7:	not used	0.000E+00	---	RAD_SHAPE(7)
R017	Outer annular radius (m), ring 8:	not used	0.000E+00	---	RAD_SHAPE(8)
R017	Outer annular radius (m), ring 9:	not used	0.000E+00	---	RAD_SHAPE(9)
R017	Outer annular radius (m), ring 10:	not used	0.000E+00	---	RAD_SHAPE(10)
R017	Outer annular radius (m), ring 11:	not used	0.000E+00	---	RAD_SHAPE(11)
R017	Outer annular radius (m), ring 12:	not used	0.000E+00	---	RAD_SHAPE(12)

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Site-Specific Parameter Summary (continued)

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R017	Fractions of annular areas within AREA:				
R017	Ring 1	not used	1.000E+00	---	FRACA(1)
R017	Ring 2	not used	2.732E-01	---	FRACA(2)
R017	Ring 3	not used	0.000E+00	---	FRACA(3)
R017	Ring 4	not used	0.000E+00	---	FRACA(4)
R017	Ring 5	not used	0.000E+00	---	FRACA(5)
R017	Ring 6	not used	0.000E+00	---	FRACA(6)
R017	Ring 7	not used	0.000E+00	---	FRACA(7)
R017	Ring 8	not used	0.000E+00	---	FRACA(8)
R017	Ring 9	not used	0.000E+00	---	FRACA(9)
R017	Ring 10	not used	0.000E+00	---	FRACA(10)
R017	Ring 11	not used	0.000E+00	---	FRACA(11)
R017	Ring 12	not used	0.000E+00	---	FRACA(12)
R018	Fruits, vegetables and grain consumption (kg/yr)	1.600E+02	1.600E+02	---	DIET(1)
R018	Leafy vegetable consumption (kg/yr)	1.400E+01	1.400E+01	---	DIET(2)
R018	Milk consumption (L/yr)	not used	9.200E+01	---	DIET(3)
R018	Meat and poultry consumption (kg/yr)	not used	6.300E+01	---	DIET(4)
R018	Fish consumption (kg/yr)	not used	5.400E+00	---	DIET(5)
R018	Other seafood consumption (kg/yr)	not used	9.000E-01	---	DIET(6)
R018	Soil ingestion rate (g/yr)	4.380E+01	3.650E+01	---	SOIL
R018	Drinking water intake (L/yr)	7.000E+02	5.100E+02	---	DWI
R018	Contamination fraction of drinking water	1.000E+00	1.000E+00	---	FDW
R018	Contamination fraction of household water	not used	1.000E+00	---	FHHW
R018	Contamination fraction of livestock water	not used	1.000E+00	---	FLW
R018	Contamination fraction of irrigation water	1.000E+00	1.000E+00	---	FIRW
R018	Contamination fraction of aquatic food	not used	5.000E-01	---	FR9
R018	Contamination fraction of plant food	-1	-1	0.500E-03	FPLANT
R018	Contamination fraction of meat	not used	-1	---	FMEAT
R018	Contamination fraction of milk	not used	-1	---	FMILK
R019	Livestock fodder intake for meat (kg/day)	not used	6.800E+01	---	LFI5
R019	Livestock fodder intake for milk (kg/day)	not used	5.500E+01	---	LFI6
R019	Livestock water intake for meat (L/day)	not used	5.000E+01	---	LWI5
R019	Livestock water intake for milk (L/day)	not used	1.600E+02	---	LWI6
R019	Livestock soil intake (kg/day)	not used	5.000E-01	---	LSI
R019	Mass loading for foliar deposition (g/m**3)	1.000E-05	1.000E-04	---	MLFD
R019	Depth of soil mixing layer (m)	1.500E-01	1.500E-01	---	DM
R019	Depth of roots (m)	9.000E-01	9.000E-01	---	DROOT
R019	Drinking water fraction from ground water	1.000E+00	1.000E+00	---	FGWDW
R019	Household water fraction from ground water	not used	1.000E+00	---	FGWHH
R019	Livestock water fraction from ground water	not used	1.000E+00	---	FGWLW
R019	Irrigation fraction from ground water	1.000E+00	1.000E+00	---	FGWIR
R19B	Wet weight crop yield for Non-Leafy (kg/m**2)	7.000E-01	7.000E-01	---	YV(1)
R19B	Wet weight crop yield for Leafy (kg/m**2)	1.500E+00	1.500E+00	---	YV(2)
R19B	Wet weight crop yield for Fodder (kg/m**2)	not used	1.100E+00	---	YV(3)
R19B	Growing Season for Non-Leafy (years)	1.700E-01	1.700E-01	---	TE(1)
R19B	Growing Season for Leafy (years)	2.500E-01	2.500E-01	---	TE(2)
R19B	Growing Season for Fodder (years)	not used	8.000E-02	---	TE(3)

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Site-Specific Parameter Summary (continued)

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R19B	Translocation Factor for Non-Leafy	1.000E-01	1.000E-01	---	TIV(1)
R19B	Translocation Factor for Leafy	1.000E+00	1.000E+00	---	TIV(2)
R19B	Translocation Factor for Fodder	not used	1.000E+00	---	TIV(3)
R19B	Dry Foliar Interception Fraction for Non-Leafy	2.500E-01	2.500E-01	---	RDRY(1)
R19B	Dry Foliar Interception Fraction for Leafy	2.500E-01	2.500E-01	---	RDRY(2)
R19B	Dry Foliar Interception Fraction for Fodder	not used	2.500E-01	---	RDRY(3)
R19B	Wet Foliar Interception Fraction for Non-Leafy	2.500E-01	2.500E-01	---	RWET(1)
R19B	Wet Foliar Interception Fraction for Leafy	2.500E-01	2.500E-01	---	RWET(2)
R19B	Wet Foliar Interception Fraction for Fodder	not used	2.500E-01	---	RWET(3)
R19B	Weathering Removal Constant for Vegetation	2.000E+01	2.000E+01	---	WLAM
C14	C-12 concentration in water (g/cm**3)	not used	2.000E-05	---	C12WTR
C14	C-12 concentration in contaminated soil (g/g)	not used	3.000E-02	---	C12CZ
C14	Fraction of vegetation carbon from soil	not used	2.000E-02	---	CSOIL
C14	Fraction of vegetation carbon from air	not used	9.800E-01	---	CAIR
C14	C-14 evasion layer thickness in soil (m)	not used	3.000E-01	---	DMC
C14	C-14 evasion flux rate from soil (1/sec)	not used	7.000E-07	---	EVSN
C14	C-12 evasion flux rate from soil (1/sec)	not used	1.000E-10	---	REVSN
C14	Fraction of grain in beef cattle feed	not used	8.000E-01	---	AVFG4
C14	Fraction of grain in milk cow feed	not used	2.000E-01	---	AVFG5
STOR	Storage times of contaminated foodstuffs (days):				
STOR	Fruits, non-leafy vegetables, and grain	1.400E+01	1.400E+01	---	STOR_T(1)
STOR	Leafy vegetables	1.000E+00	1.000E+00	---	STOR_T(2)
STOR	Milk	1.000E+00	1.000E+00	---	STOR_T(3)
STOR	Meat and poultry	2.000E+01	2.000E+01	---	STOR_T(4)
STOR	Fish	7.000E+00	7.000E+00	---	STOR_T(5)
STOR	Crustacea and mollusks	7.000E+00	7.000E+00	---	STOR_T(6)
STOR	Well water	1.000E+00	1.000E+00	---	STOR_T(7)
STOR	Surface water	1.000E+00	1.000E+00	---	STOR_T(8)
STOR	Livestock fodder	4.500E+01	4.500E+01	---	STOR_T(9)
R021	Thickness of building foundation (m)	not used	1.500E-01	---	FLOOR1
R021	Bulk density of building foundation (g/cm**3)	not used	2.400E+00	---	DENSFL
R021	Total porosity of the cover material	not used	4.000E-01	---	TPCV
R021	Total porosity of the building foundation	not used	1.000E-01	---	TPFL
R021	Volumetric water content of the cover material	not used	5.000E-02	---	PH2OCV
R021	Volumetric water content of the foundation	not used	3.000E-02	---	PH2OFL
R021	Diffusion coefficient for radon gas (m/sec):				
R021	in cover material	not used	2.000E-06	---	DIFCV
R021	in foundation material	not used	3.000E-07	---	DIFFL
R021	in contaminated zone soil	not used	2.000E-06	---	DIFCZ
R021	Radon vertical dimension of mixing (m)	not used	2.000E+00	---	HMIX
R021	Average building air exchange rate (1/hr)	not used	5.000E-01	---	REXG
R021	Height of the building (room) (m)	not used	2.500E+00	---	HRM
R021	Building interior area factor	not used	0.000E+00	---	FAI
R021	Building depth below ground surface (m)	not used	-1.000E+00	---	DMFL
R021	Emanating power of Rn-222 gas	not used	2.500E-01	---	EMANA(1)
R021	Emanating power of Rn-220 gas	not used	1.500E-01	---	EMANA(2)
TITL	Number of graphical time points	32	---	---	NPTS

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Site-Specific Parameter Summary (continued)

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
TITL	Maximum number of integration points for dose	17	---	---	LYMAX
TITL	Maximum number of integration points for risk	257	---	---	KYMAX

Summary of Pathway Selections

Pathway	User Selection
1 -- external gamma	active
2 -- inhalation (w/o radon)	active
3 -- plant ingestion	active
4 -- meat ingestion	suppressed
5 -- milk ingestion	suppressed
6 -- aquatic foods	suppressed
7 -- drinking water	active
8 -- soil ingestion	active
9 -- radon	suppressed
Find peak pathway doses	suppressed

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Contaminated Zone Dimensions		Initial Soil Concentrations, pCi/g	
Area:	1.00 square meters	Cs-137	4.390E+00
Thickness:	2.00 meters	H-3	1.556E+02
Cover Depth:	0.00 meters	Pb-210	2.510E-01
		Ra-226	2.510E-01
		Sr-90	5.100E+00
		Th-230	2.200E-01
		U-234	2.200E-01
		U-238	2.200E-01

Total Dose TDOSE(t), mrem/yr
Basic Radiation Dose Limit = 2.500E+01 mrem/yr
Total Mixture Sum M(t) = Fraction of Basic Dose Limit Received at Time (t)

t (years):	0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
TDOSE(t):	1.217E+00	1.190E+00	1.097E+00	9.925E-01	4.786E-01	2.406E-01	5.454E-02	2.794E-02
M(t):	4.869E-02	4.760E-02	4.388E-02	3.970E-02	1.915E-02	9.624E-03	2.182E-03	1.118E-03

Maximum TDOSE(t): 1.217E+00 mrem/yr at t = 0.000E+00 years

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Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 0.000E+00 years

Water Independent Pathways (Inhalation excludes radon)

	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Radio-														
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Cs-137	9.822E-01	0.8069	1.047E-06	0.0000	0.000E+00	0.0000	7.550E-04	0.0006	0.000E+00	0.0000	0.000E+00	0.0000	7.127E-06	0.0000
H-3	0.000E+00	0.0000	1.444E-04	0.0001	0.000E+00	0.0000	1.787E-03	0.0015	0.000E+00	0.0000	0.000E+00	0.0000	1.147E-07	0.0000
Pb-210	1.140E-04	0.0001	4.332E-05	0.0000	0.000E+00	0.0000	1.563E-03	0.0013	0.000E+00	0.0000	0.000E+00	0.0000	5.901E-05	0.0000
Ra-226	1.806E-01	0.1484	1.697E-05	0.0000	0.000E+00	0.0000	1.181E-03	0.0010	0.000E+00	0.0000	0.000E+00	0.0000	1.179E-05	0.0000
Sr-90	8.135E-03	0.0067	4.966E-05	0.0000	0.000E+00	0.0000	2.001E-02	0.0164	0.000E+00	0.0000	0.000E+00	0.0000	2.518E-05	0.0000
Th-230	5.469E-05	0.0000	5.426E-04	0.0004	0.000E+00	0.0000	1.070E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.963E-06	0.0000
U-234	7.079E-06	0.0000	2.192E-04	0.0002	0.000E+00	0.0000	1.352E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.041E-06	0.0000
U-238	2.258E-03	0.0019	1.961E-04	0.0002	0.000E+00	0.0000	1.283E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.938E-06	0.0000
Total	1.173E+00	0.9640	1.213E-03	0.0010	0.000E+00	0.0000	2.534E-02	0.0208	0.000E+00	0.0000	0.000E+00	0.0000	1.112E-04	0.0001

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 0.000E+00 years

Water Dependent Pathways

	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Radio-														
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Cs-137	3.705E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.193E-11	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.829E-01	0.8075
H-3	6.486E-03	0.0053	0.000E+00	0.0000	0.000E+00	0.0000	8.642E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.418E-03	0.0069
Pb-210	1.572E-03	0.0013	0.000E+00	0.0000	0.000E+00	0.0000	1.080E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.351E-03	0.0028
Ra-226	6.742E-04	0.0006	0.000E+00	0.0000	0.000E+00	0.0000	4.697E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.825E-01	0.1499
Sr-90	8.026E-03	0.0066	0.000E+00	0.0000	0.000E+00	0.0000	6.171E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.625E-02	0.0298
Th-230	7.344E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.929E-12	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.120E-04	0.0005
U-234	2.197E-04	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	1.538E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.616E-04	0.0004
U-238	2.086E-04	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	1.460E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.678E-03	0.0022
Total	1.719E-02	0.0141	0.000E+00	0.0000	0.000E+00	0.0000	1.666E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.217E+00	1.0000

*Sum of all water independent and dependent pathways.

Summary : IR/FSS_M0001_Res_Avg Bkgd Subtract
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Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+00 years

Water Independent Pathways (Inhalation excludes radon)

	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Radio-														
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Cs-137	9.594E-01	0.8062	1.023E-06	0.0000	0.000E+00	0.0000	7.374E-04	0.0006	0.000E+00	0.0000	0.000E+00	0.0000	6.961E-06	0.0000
H-3	0.000E+00	0.0000	1.019E-05	0.0000	0.000E+00	0.0000	1.301E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	8.099E-09	0.0000
Pb-210	1.103E-04	0.0001	4.191E-05	0.0000	0.000E+00	0.0000	1.512E-03	0.0013	0.000E+00	0.0000	0.000E+00	0.0000	5.709E-05	0.0000
Ra-226	1.800E-01	0.1513	1.823E-05	0.0000	0.000E+00	0.0000	1.225E-03	0.0010	0.000E+00	0.0000	0.000E+00	0.0000	1.356E-05	0.0000
Sr-90	7.871E-03	0.0066	4.805E-05	0.0000	0.000E+00	0.0000	1.937E-02	0.0163	0.000E+00	0.0000	0.000E+00	0.0000	2.437E-05	0.0000
Th-230	1.232E-04	0.0001	5.426E-04	0.0005	0.000E+00	0.0000	1.115E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.967E-06	0.0000
U-234	7.052E-06	0.0000	2.184E-04	0.0002	0.000E+00	0.0000	1.346E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.033E-06	0.0000
U-238	2.249E-03	0.0019	1.953E-04	0.0002	0.000E+00	0.0000	1.278E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.930E-06	0.0000
Total	1.150E+00	0.9661	1.076E-03	0.0009	0.000E+00	0.0000	2.301E-02	0.0193	0.000E+00	0.0000	0.000E+00	0.0000	1.099E-04	0.0001

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+00 years

Water Dependent Pathways

	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Radio-														
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Cs-137	1.104E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.567E-11	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.601E-01	0.8068
H-3	5.339E-04	0.0004	0.000E+00	0.0000	0.000E+00	0.0000	7.241E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.743E-04	0.0006
Pb-210	4.275E-03	0.0036	0.000E+00	0.0000	0.000E+00	0.0000	3.078E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.997E-03	0.0050
Ra-226	1.502E-03	0.0013	0.000E+00	0.0000	0.000E+00	0.0000	1.104E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.828E-01	0.1536
Sr-90	9.126E-03	0.0077	0.000E+00	0.0000	0.000E+00	0.0000	7.166E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.644E-02	0.0306
Th-230	4.711E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.360E-11	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.813E-04	0.0006
U-234	3.363E-04	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	2.450E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.772E-04	0.0005
U-238	3.193E-04	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	2.327E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.778E-03	0.0023
Total	1.609E-02	0.0135	0.000E+00	0.0000	0.000E+00	0.0000	1.255E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.190E+00	1.0000

*Sum of all water independent and dependent pathways.

Summary : IR/FSS_M0001_Res_Avg Bkgd Subtract
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Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+00 years

Water Independent Pathways (Inhalation excludes radon)

	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Radio-														
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Cs-137	8.733E-01	0.7961	9.311E-07	0.0000	0.000E+00	0.0000	6.713E-04	0.0006	0.000E+00	0.0000	0.000E+00	0.0000	6.337E-06	0.0000
H-3	0.000E+00	0.0000	2.502E-10	0.0000	0.000E+00	0.0000	3.194E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.987E-13	0.0000
Pb-210	9.662E-05	0.0001	3.672E-05	0.0000	0.000E+00	0.0000	1.325E-03	0.0012	0.000E+00	0.0000	0.000E+00	0.0000	5.001E-05	0.0000
Ra-226	1.777E-01	0.1619	2.284E-05	0.0000	0.000E+00	0.0000	1.384E-03	0.0013	0.000E+00	0.0000	0.000E+00	0.0000	1.998E-05	0.0000
Sr-90	6.899E-03	0.0063	4.212E-05	0.0000	0.000E+00	0.0000	1.698E-02	0.0155	0.000E+00	0.0000	0.000E+00	0.0000	2.136E-05	0.0000
Th-230	3.948E-04	0.0004	5.426E-04	0.0005	0.000E+00	0.0000	1.314E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.993E-06	0.0000
U-234	6.948E-06	0.0000	2.149E-04	0.0002	0.000E+00	0.0000	1.325E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.001E-06	0.0000
U-238	2.213E-03	0.0020	1.921E-04	0.0002	0.000E+00	0.0000	1.258E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.899E-06	0.0000
Total	1.061E+00	0.9668	1.052E-03	0.0010	0.000E+00	0.0000	2.039E-02	0.0186	0.000E+00	0.0000	0.000E+00	0.0000	1.056E-04	0.0001

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+00 years

Water Dependent Pathways

	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Radio-														
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Cs-137	3.827E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.511E-10	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.740E-01	0.7968
H-3	1.312E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.779E-12	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.656E-08	0.0000
Pb-210	4.142E-03	0.0038	0.000E+00	0.0000	0.000E+00	0.0000	3.024E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.651E-03	0.0052
Ra-226	2.035E-03	0.0019	0.000E+00	0.0000	0.000E+00	0.0000	1.494E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.811E-01	0.1651
Sr-90	7.996E-03	0.0073	0.000E+00	0.0000	0.000E+00	0.0000	6.279E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.193E-02	0.0291
Th-230	2.891E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.114E-10	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.573E-04	0.0009
U-234	3.308E-04	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	2.410E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.679E-04	0.0005
U-238	3.141E-04	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	2.289E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.734E-03	0.0025
Total	1.482E-02	0.0135	0.000E+00	0.0000	0.000E+00	0.0000	1.127E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.097E+00	1.0000

*Sum of all water independent and dependent pathways.

Summary : IR/FSS_M0001_Res_Avg Bkgd Subtract
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Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+01 years

Water Independent Pathways (Inhalation excludes radon)

	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Radio-														
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Cs-137	7.766E-01	0.7824	8.279E-07	0.0000	0.000E+00	0.0000	5.969E-04	0.0006	0.000E+00	0.0000	0.000E+00	0.0000	5.635E-06	0.0000
H-3	0.000E+00	0.0000	4.205E-16	0.0000	0.000E+00	0.0000	5.371E-15	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.341E-19	0.0000
Pb-210	8.188E-05	0.0001	3.111E-05	0.0000	0.000E+00	0.0000	1.123E-03	0.0011	0.000E+00	0.0000	0.000E+00	0.0000	4.238E-05	0.0000
Ra-226	1.747E-01	0.1761	2.768E-05	0.0000	0.000E+00	0.0000	1.550E-03	0.0016	0.000E+00	0.0000	0.000E+00	0.0000	2.676E-05	0.0000
Sr-90	5.852E-03	0.0059	3.572E-05	0.0000	0.000E+00	0.0000	1.440E-02	0.0145	0.000E+00	0.0000	0.000E+00	0.0000	1.811E-05	0.0000
Th-230	7.292E-04	0.0007	5.426E-04	0.0005	0.000E+00	0.0000	1.593E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.037E-06	0.0000
U-234	6.834E-06	0.0000	2.106E-04	0.0002	0.000E+00	0.0000	1.298E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.961E-06	0.0000
U-238	2.169E-03	0.0022	1.883E-04	0.0002	0.000E+00	0.0000	1.233E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.861E-06	0.0000
Total	9.602E-01	0.9674	1.037E-03	0.0010	0.000E+00	0.0000	1.771E-02	0.0178	0.000E+00	0.0000	0.000E+00	0.0000	1.007E-04	0.0001

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+01 years

Water Dependent Pathways

	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Radio-														
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Cs-137	6.543E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.542E-10	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.772E-01	0.7830
H-3	2.208E-14	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.995E-18	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.787E-14	0.0000
Pb-210	3.510E-03	0.0035	0.000E+00	0.0000	0.000E+00	0.0000	2.562E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.788E-03	0.0048
Ra-226	2.588E-03	0.0026	0.000E+00	0.0000	0.000E+00	0.0000	1.898E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.789E-01	0.1803
Sr-90	6.777E-03	0.0068	0.000E+00	0.0000	0.000E+00	0.0000	5.322E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.708E-02	0.0273
Th-230	6.916E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.066E-10	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.299E-03	0.0013
U-234	3.240E-04	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	2.361E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.564E-04	0.0006
U-238	3.077E-04	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	2.242E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.679E-03	0.0027
Total	1.352E-02	0.0136	0.000E+00	0.0000	0.000E+00	0.0000	1.025E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.925E-01	1.0000

*Sum of all water independent and dependent pathways.

Summary : IR/FSS_M0001_Res_Avg Bkgd Subtract
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Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+01 years

Water Independent Pathways (Inhalation excludes radon)

	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Radio-														
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Cs-137	3.035E-01	0.6341	3.236E-07	0.0000	0.000E+00	0.0000	2.333E-04	0.0005	0.000E+00	0.0000	0.000E+00	0.0000	2.202E-06	0.0000
H-3	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Pb-210	2.178E-05	0.0000	8.278E-06	0.0000	0.000E+00	0.0000	2.986E-04	0.0006	0.000E+00	0.0000	0.000E+00	0.0000	1.128E-05	0.0000
Ra-226	1.531E-01	0.3198	4.404E-05	0.0001	0.000E+00	0.0000	2.071E-03	0.0043	0.000E+00	0.0000	0.000E+00	0.0000	5.040E-05	0.0001
Sr-90	1.567E-03	0.0033	9.566E-06	0.0000	0.000E+00	0.0000	3.855E-03	0.0081	0.000E+00	0.0000	0.000E+00	0.0000	4.851E-06	0.0000
Th-230	3.214E-03	0.0067	5.429E-04	0.0011	0.000E+00	0.0000	4.475E-05	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	4.672E-06	0.0000
U-234	6.491E-06	0.0000	1.794E-04	0.0004	0.000E+00	0.0000	1.106E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.670E-06	0.0000
U-238	1.846E-03	0.0039	1.603E-04	0.0003	0.000E+00	0.0000	1.049E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.584E-06	0.0000
Total	4.633E-01	0.9679	9.447E-04	0.0020	0.000E+00	0.0000	6.525E-03	0.0136	0.000E+00	0.0000	0.000E+00	0.0000	7.665E-05	0.0002

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+01 years

Water Dependent Pathways

	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Radio-														
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Cs-137	1.253E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.114E-10	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.038E-01	0.6347
H-3	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Pb-210	9.318E-04	0.0019	0.000E+00	0.0000	0.000E+00	0.0000	6.803E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.272E-03	0.0027
Ra-226	4.489E-03	0.0094	0.000E+00	0.0000	0.000E+00	0.0000	3.285E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.597E-01	0.3337
Sr-90	1.806E-03	0.0038	0.000E+00	0.0000	0.000E+00	0.0000	1.418E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.243E-03	0.0151
Th-230	6.084E-05	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	4.453E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.867E-03	0.0081
U-234	2.746E-04	0.0006	0.000E+00	0.0000	0.000E+00	0.0000	2.001E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.732E-04	0.0010
U-238	2.608E-04	0.0005	0.000E+00	0.0000	0.000E+00	0.0000	1.900E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.279E-03	0.0048
Total	7.836E-03	0.0164	0.000E+00	0.0000	0.000E+00	0.0000	5.827E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.786E-01	1.0000

*Sum of all water independent and dependent pathways.

Summary : IR/FSS_M0001_Res_Avg Bkgd Subtract
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Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+02 years

Water Independent Pathways (Inhalation excludes radon)

	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Radio-														
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Cs-137	9.379E-02	0.3898	9.999E-08	0.0000	0.000E+00	0.0000	7.210E-05	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	6.806E-07	0.0000
H-3	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Pb-210	4.162E-06	0.0000	1.582E-06	0.0000	0.000E+00	0.0000	5.706E-05	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	2.154E-06	0.0000
Ra-226	1.297E-01	0.5391	4.297E-05	0.0002	0.000E+00	0.0000	1.959E-03	0.0081	0.000E+00	0.0000	0.000E+00	0.0000	5.041E-05	0.0002
Sr-90	3.018E-04	0.0013	1.843E-06	0.0000	0.000E+00	0.0000	7.426E-04	0.0031	0.000E+00	0.0000	0.000E+00	0.0000	9.344E-07	0.0000
Th-230	5.890E-03	0.0245	5.434E-04	0.0023	0.000E+00	0.0000	8.351E-05	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	5.647E-06	0.0000
U-234	7.193E-06	0.0000	1.468E-04	0.0006	0.000E+00	0.0000	9.061E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.367E-06	0.0000
U-238	1.508E-03	0.0063	1.310E-04	0.0005	0.000E+00	0.0000	8.575E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.295E-06	0.0000
Total	2.312E-01	0.9610	8.677E-04	0.0036	0.000E+00	0.0000	2.932E-03	0.0122	0.000E+00	0.0000	0.000E+00	0.0000	6.249E-05	0.0003

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+02 years

Water Dependent Pathways

	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Radio-														
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Cs-137	7.853E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.744E-10	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.388E-02	0.3902
H-3	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Pb-210	1.775E-04	0.0007	0.000E+00	0.0000	0.000E+00	0.0000	1.296E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.425E-04	0.0010
Ra-226	4.423E-03	0.0184	0.000E+00	0.0000	0.000E+00	0.0000	3.235E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.362E-01	0.5660
Sr-90	3.455E-04	0.0014	0.000E+00	0.0000	0.000E+00	0.0000	2.713E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.393E-03	0.0058
Th-230	1.397E-04	0.0006	0.000E+00	0.0000	0.000E+00	0.0000	1.022E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.662E-03	0.0277
U-234	2.232E-04	0.0009	0.000E+00	0.0000	0.000E+00	0.0000	1.627E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.877E-04	0.0016
U-238	2.120E-04	0.0009	0.000E+00	0.0000	0.000E+00	0.0000	1.545E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.861E-03	0.0077
Total	5.529E-03	0.0230	0.000E+00	0.0000	0.000E+00	0.0000	4.061E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.406E-01	1.0000

*Sum of all water independent and dependent pathways.

Summary : IR/FSS_M0001_Res_Avg Bkgd Subtract
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Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+02 years

Water Independent Pathways (Inhalation excludes radon)

	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Radio-														
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Cs-137	7.801E-06	0.0001	8.316E-12	0.0000	0.000E+00	0.0000	5.996E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.660E-11	0.0000
H-3	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Pb-210	7.390E-12	0.0000	2.808E-12	0.0000	0.000E+00	0.0000	1.013E-10	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.825E-12	0.0000
Ra-226	3.440E-02	0.6307	1.184E-05	0.0002	0.000E+00	0.0000	5.354E-04	0.0098	0.000E+00	0.0000	0.000E+00	0.0000	1.397E-05	0.0003
Sr-90	5.721E-10	0.0000	3.492E-12	0.0000	0.000E+00	0.0000	1.408E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.771E-12	0.0000
Th-230	1.673E-02	0.3068	5.444E-04	0.0100	0.000E+00	0.0000	2.516E-04	0.0046	0.000E+00	0.0000	0.000E+00	0.0000	1.001E-05	0.0002
U-234	2.608E-05	0.0005	3.017E-05	0.0006	0.000E+00	0.0000	2.170E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.875E-07	0.0000
U-238	3.003E-04	0.0055	2.611E-05	0.0005	0.000E+00	0.0000	1.709E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.581E-07	0.0000
Total	5.147E-02	0.9437	6.126E-04	0.0112	0.000E+00	0.0000	7.909E-04	0.0145	0.000E+00	0.0000	0.000E+00	0.0000	2.452E-05	0.0004

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+02 years

Water Dependent Pathways

	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Radio-														
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Cs-137	1.052E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.737E-14	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.808E-06	0.0001
H-3	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Pb-210	3.022E-10	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.206E-14	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.176E-10	0.0000
Ra-226	1.149E-03	0.0211	0.000E+00	0.0000	0.000E+00	0.0000	8.408E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.611E-02	0.6621
Sr-90	6.045E-10	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.747E-14	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.589E-09	0.0000
Th-230	4.122E-04	0.0076	0.000E+00	0.0000	0.000E+00	0.0000	3.015E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.795E-02	0.3292
U-234	4.224E-05	0.0008	0.000E+00	0.0000	0.000E+00	0.0000	3.078E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.009E-04	0.0019
U-238	3.957E-05	0.0007	0.000E+00	0.0000	0.000E+00	0.0000	2.883E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.680E-04	0.0067
Total	1.643E-03	0.0301	0.000E+00	0.0000	0.000E+00	0.0000	1.202E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.454E-02	1.0000

*Sum of all water independent and dependent pathways.

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Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+03 years

Water Independent Pathways (Inhalation excludes radon)

	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Radio-														
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Cs-137	6.196E-11	0.0000	6.605E-17	0.0000	0.000E+00	0.0000	4.763E-14	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.496E-16	0.0000
H-3	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Pb-210	4.790E-19	0.0000	1.820E-19	0.0000	0.000E+00	0.0000	6.567E-18	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.480E-19	0.0000
Ra-226	6.548E-03	0.2344	2.253E-06	0.0001	0.000E+00	0.0000	1.019E-04	0.0036	0.000E+00	0.0000	0.000E+00	0.0000	2.659E-06	0.0001
Sr-90	4.023E-17	0.0000	2.456E-19	0.0000	0.000E+00	0.0000	9.899E-17	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.245E-19	0.0000
Th-230	1.981E-02	0.7089	5.422E-04	0.0194	0.000E+00	0.0000	2.995E-04	0.0107	0.000E+00	0.0000	0.000E+00	0.0000	1.124E-05	0.0004
U-234	4.045E-05	0.0014	5.056E-06	0.0002	0.000E+00	0.0000	8.469E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.939E-08	0.0000
U-238	3.996E-05	0.0014	3.479E-06	0.0001	0.000E+00	0.0000	2.280E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.439E-08	0.0000
Total	2.643E-02	0.9461	5.530E-04	0.0198	0.000E+00	0.0000	4.025E-04	0.0144	0.000E+00	0.0000	0.000E+00	0.0000	1.399E-05	0.0005

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+03 years

Water Dependent Pathways

	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Radio-														
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Cs-137	9.898E-15	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.282E-19	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.202E-11	0.0000
H-3	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Pb-210	1.743E-17	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.273E-21	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.491E-17	0.0000
Ra-226	1.812E-04	0.0065	0.000E+00	0.0000	0.000E+00	0.0000	1.326E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.836E-03	0.2447
Sr-90	3.487E-17	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.738E-21	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.745E-16	0.0000
Th-230	3.448E-04	0.0123	0.000E+00	0.0000	0.000E+00	0.0000	2.522E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.100E-02	0.7517
U-234	5.758E-06	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	4.199E-10	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.217E-05	0.0019
U-238	4.472E-06	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	3.259E-10	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.817E-05	0.0017
Total	5.362E-04	0.0192	0.000E+00	0.0000	0.000E+00	0.0000	3.922E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.794E-02	1.0000

*Sum of all water independent and dependent pathways.

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Dose/Source Ratios Summed Over All Pathways
Parent and Progeny Principal Radionuclide Contributions Indicated

Parent (i)	Product (j)	Thread Fraction	DSR(j,t) At Time in Years (mrem/yr)/(pCi/g) 0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
Cs-137+D	Cs-137+D	1.000E+00	2.239E-01	2.187E-01	1.991E-01	1.770E-01	6.919E-02	2.138E-02	1.779E-06	1.413E-11
H-3	H-3	1.000E+00	5.410E-05	4.334E-06	1.064E-10	1.791E-16	0.000E+00	0.000E+00	0.000E+00	0.000E+00
Pb-210+D	Pb-210+D	1.000E+00	1.335E-02	2.389E-02	2.251E-02	1.908E-02	5.067E-03	9.660E-04	1.664E-09	9.925E-17
Ra-226+D	Ra-226+D	1.000E+00	7.268E-01	7.270E-01	7.174E-01	7.056E-01	6.179E-01	5.234E-01	1.388E-01	2.639E-02
Ra-226+D	Pb-210+D	1.000E+00	2.946E-04	1.227E-03	4.205E-03	7.330E-03	1.853E-02	1.911E-02	5.099E-03	8.446E-04
Ra-226+D	äDSR(j)		7.271E-01	7.282E-01	7.216E-01	7.129E-01	6.364E-01	5.425E-01	1.439E-01	2.724E-02
Sr-90+D	Sr-90+D	1.000E+00	7.108E-03	7.144E-03	6.262E-03	5.310E-03	1.420E-03	2.731E-04	5.077E-10	3.421E-17
Th-230	Th-230	1.000E+00	2.624E-03	2.624E-03	2.624E-03	2.624E-03	2.623E-03	2.621E-03	2.608E-03	2.592E-03
Th-230	Ra-226+D	1.000E+00	1.572E-04	4.721E-04	1.722E-03	3.262E-03	1.470E-02	2.700E-02	7.681E-02	9.081E-02
Th-230	Pb-210+D	1.000E+00	3.663E-08	3.436E-07	4.968E-06	1.723E-05	2.604E-04	6.591E-04	2.181E-03	2.074E-03
Th-230	äDSR(j)		2.782E-03	3.097E-03	4.352E-03	5.903E-03	1.758E-02	3.028E-02	8.160E-02	9.547E-02
U-234	U-234	1.000E+00	2.098E-03	2.624E-03	2.581E-03	2.529E-03	2.147E-03	1.749E-03	3.348E-04	4.061E-05
U-234	Th-230	1.000E+00	1.187E-08	3.545E-08	1.287E-07	2.432E-07	1.080E-06	1.952E-06	5.059E-06	5.698E-06
U-234	Ra-226+D	1.000E+00	5.094E-10	3.353E-09	4.255E-08	1.529E-07	3.207E-06	1.127E-05	1.155E-04	1.853E-04
U-234	Pb-210+D	1.000E+00	1.466E-10	2.209E-10	2.257E-10	6.366E-10	4.113E-08	2.147E-07	3.437E-06	5.534E-06
U-234	äDSR(j)		2.098E-03	2.624E-03	2.581E-03	2.529E-03	2.151E-03	1.762E-03	4.588E-04	2.371E-04
U-238	U-238	5.400E-05	1.007E-07	1.263E-07	1.242E-07	1.217E-07	1.033E-07	8.419E-08	1.613E-08	1.957E-09
U-238+D	U-238+D	9.999E-01	1.217E-02	1.263E-02	1.243E-02	1.218E-02	1.036E-02	8.460E-03	1.672E-03	2.187E-04
U-238+D	U-234	9.999E-01	3.381E-09	1.115E-08	4.024E-08	7.527E-08	3.074E-07	4.983E-07	4.754E-07	1.153E-07
U-238+D	Th-230	9.999E-01	3.340E-14	1.283E-13	1.140E-12	3.862E-12	7.586E-11	2.615E-10	2.465E-09	3.729E-09
U-238+D	Ra-226+D	9.999E-01	4.597E-11	1.048E-10	2.890E-10	5.598E-10	2.603E-09	5.460E-09	5.512E-08	1.206E-07
U-238+D	Pb-210+D	9.999E-01	1.775E-10	4.046E-10	1.115E-09	2.155E-09	9.471E-09	1.713E-08	4.535E-08	5.267E-08
U-238+D	äDSR(j)		1.217E-02	1.263E-02	1.243E-02	1.218E-02	1.036E-02	8.461E-03	1.673E-03	2.190E-04

The DSR includes contributions from associated (half-life ó 180 days) daughters.

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Single Radionuclide Soil Guidelines G(i,t) in pCi/g
Basic Radiation Dose Limit = 2.500E+01 mrem/yr

Nuclide (i)	t= 0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
Cs-137	1.117E+02	1.143E+02	1.256E+02	1.412E+02	3.613E+02	1.169E+03	1.406E+07	1.770E+12
H-3	4.621E+05	5.769E+06	2.349E+11	*9.597E+15	*9.597E+15	*9.597E+15	*9.597E+15	*9.597E+15
Pb-210	1.872E+03	1.046E+03	1.110E+03	1.311E+03	4.934E+03	2.588E+04	1.503E+10	*7.634E+13
Ra-226	3.438E+01	3.433E+01	3.465E+01	3.507E+01	3.928E+01	4.608E+01	1.738E+02	9.179E+02
Sr-90	3.517E+03	3.499E+03	3.993E+03	4.708E+03	1.760E+04	9.154E+04	4.924E+10	*1.365E+14
Th-230	8.987E+03	8.073E+03	5.745E+03	4.235E+03	1.422E+03	8.256E+02	3.064E+02	2.619E+02
U-234	1.192E+04	9.529E+03	9.685E+03	9.885E+03	1.162E+04	1.419E+04	5.449E+04	1.054E+05
U-238	2.054E+03	1.980E+03	2.012E+03	2.053E+03	2.414E+03	2.955E+03	1.495E+04	1.142E+05

*At specific activity limit

Summed Dose/Source Ratios DSR(i,t) in (mrem/yr)/(pCi/g)
and Single Radionuclide Soil Guidelines G(i,t) in pCi/g
at tmin = time of minimum single radionuclide soil guideline
and at tmax = time of maximum total dose = 0.000E+00 years

Nuclide (i)	Initial (pCi/g)	tmin (years)	DSR(i,tmin)	G(i,tmin) (pCi/g)	DSR(i,tmax)	G(i,tmax) (pCi/g)
Cs-137	4.390E+00	0.000E+00	2.239E-01	1.117E+02	2.239E-01	1.117E+02
H-3	1.556E+02	0.000E+00	5.410E-05	4.621E+05	5.410E-05	4.621E+05
Pb-210	2.510E-01	1.535 ñ 0.003	2.525E-02	9.902E+02	1.335E-02	1.872E+03
Ra-226	2.510E-01	0.718 ñ 0.001	7.284E-01	3.432E+01	7.271E-01	3.438E+01
Sr-90	5.100E+00	0.2593 ñ 0.0005	7.312E-03	3.419E+03	7.108E-03	3.517E+03
Th-230	2.200E-01	1.000E+03	9.547E-02	2.619E+02	2.782E-03	8.987E+03
U-234	2.200E-01	0.694 ñ 0.001	2.627E-03	9.517E+03	2.098E-03	1.192E+04
U-238	2.200E-01	0.694 ñ 0.001	1.264E-02	1.977E+03	1.217E-02	2.054E+03

Summary : IR/FSS_M0001_Res_Avg Bkgd Subtract
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Individual Nuclide Dose Summed Over All Pathways
Parent Nuclide and Branch Fraction Indicated

Nuclide (j)	Parent (i)	THF(i)	DOSE(j,t), mrem/yr t= 0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
Cs-137	Cs-137	1.000E+00	9.829E-01	9.601E-01	8.740E-01	7.772E-01	3.038E-01	9.388E-02	7.808E-06	6.202E-11
H-3	H-3	1.000E+00	8.418E-03	6.743E-04	1.656E-08	2.787E-14	0.000E+00	0.000E+00	0.000E+00	0.000E+00
Pb-210	Pb-210	1.000E+00	3.351E-03	5.997E-03	5.651E-03	4.788E-03	1.272E-03	2.425E-04	4.176E-10	2.491E-17
Pb-210	Ra-226	1.000E+00	7.396E-05	3.079E-04	1.055E-03	1.840E-03	4.651E-03	4.796E-03	1.280E-03	2.120E-04
Pb-210	Th-230	1.000E+00	8.059E-09	7.559E-08	1.093E-06	3.790E-06	5.728E-05	1.450E-04	4.799E-04	4.564E-04
Pb-210	U-234	1.000E+00	3.226E-11	4.860E-11	4.965E-11	1.400E-10	9.050E-09	4.724E-08	7.561E-07	1.217E-06
Pb-210	U-238	9.999E-01	3.905E-11	8.902E-11	2.452E-10	4.741E-10	2.084E-09	3.768E-09	9.977E-09	1.159E-08
Pb-210	äDOSE(j)		3.425E-03	6.305E-03	6.707E-03	6.631E-03	5.980E-03	5.184E-03	1.760E-03	6.696E-04
Ra-226	Ra-226	1.000E+00	1.824E-01	1.825E-01	1.801E-01	1.771E-01	1.551E-01	1.314E-01	3.483E-02	6.624E-03
Ra-226	Th-230	1.000E+00	3.459E-05	1.039E-04	3.789E-04	7.176E-04	3.233E-03	5.940E-03	1.690E-02	1.998E-02
Ra-226	U-234	1.000E+00	1.121E-10	7.377E-10	9.362E-09	3.363E-08	7.055E-07	2.478E-06	2.541E-05	4.077E-05
Ra-226	U-238	9.999E-01	1.011E-11	2.306E-11	6.358E-11	1.232E-10	5.727E-10	1.201E-09	1.213E-08	2.653E-08
Ra-226	äDOSE(j)		1.825E-01	1.826E-01	1.804E-01	1.778E-01	1.583E-01	1.373E-01	5.176E-02	2.664E-02
Sr-90	Sr-90	1.000E+00	3.625E-02	3.644E-02	3.193E-02	2.708E-02	7.243E-03	1.393E-03	2.589E-09	1.745E-16
Th-230	Th-230	1.000E+00	5.774E-04	5.774E-04	5.774E-04	5.773E-04	5.770E-04	5.767E-04	5.738E-04	5.703E-04
Th-230	U-234	1.000E+00	2.611E-09	7.798E-09	2.831E-08	5.349E-08	2.376E-07	4.295E-07	1.113E-06	1.254E-06
Th-230	U-238	9.999E-01	7.347E-15	2.823E-14	2.507E-13	8.496E-13	1.669E-11	5.753E-11	5.423E-10	8.203E-10
Th-230	äDOSE(j)		5.774E-04	5.774E-04	5.774E-04	5.774E-04	5.773E-04	5.771E-04	5.749E-04	5.715E-04
U-234	U-234	1.000E+00	4.616E-04	5.772E-04	5.678E-04	5.563E-04	4.723E-04	3.847E-04	7.367E-05	8.933E-06
U-234	U-238	9.999E-01	7.437E-10	2.454E-09	8.853E-09	1.656E-08	6.762E-08	1.096E-07	1.046E-07	2.537E-08
U-234	äDOSE(j)		4.616E-04	5.772E-04	5.678E-04	5.564E-04	4.723E-04	3.848E-04	7.377E-05	8.959E-06
U-238	U-238	5.400E-05	2.216E-08	2.778E-08	2.733E-08	2.678E-08	2.273E-08	1.852E-08	3.549E-09	4.305E-10
U-238	U-238	9.999E-01	2.678E-03	2.778E-03	2.734E-03	2.679E-03	2.279E-03	1.861E-03	3.678E-04	4.811E-05
U-238	äDOSE(j)		2.678E-03	2.778E-03	2.734E-03	2.679E-03	2.279E-03	1.861E-03	3.678E-04	4.811E-05

THF(i) is the thread fraction of the parent nuclide.

Summary : IR/FSS_M0001_Res_Avg Bkgd Subtract
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Individual Nuclide Soil Concentration
Parent Nuclide and Branch Fraction Indicated

Nuclide (j)	Parent (i)	THF(i)	S(j,t), pCi/g t= 0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
Cs-137	Cs-137	1.000E+00	4.390E+00	4.288E+00	3.904E+00	3.471E+00	1.357E+00	4.192E-01	3.487E-05	2.769E-10
H-3	H-3	1.000E+00	1.556E+02	1.099E+01	2.701E-04	4.548E-10	0.000E+00	0.000E+00	0.000E+00	0.000E+00
Pb-210	Pb-210	1.000E+00	2.510E-01	2.428E-01	2.127E-01	1.803E-01	4.796E-02	9.163E-03	1.627E-08	1.055E-15
Pb-210	Ra-226	1.000E+00	0.000E+00	7.661E-03	3.565E-02	6.527E-02	1.718E-01	1.784E-01	4.986E-02	9.491E-03
Pb-210	Th-230	1.000E+00	0.000E+00	1.463E-06	3.487E-05	1.315E-04	2.151E-03	5.567E-03	2.119E-02	2.566E-02
Pb-210	U-234	1.000E+00	0.000E+00	4.400E-12	5.284E-10	4.024E-09	3.490E-07	1.878E-06	3.062E-05	5.177E-05
Pb-210	U-238	9.999E-01	0.000E+00	3.122E-18	1.884E-15	2.885E-14	1.298E-11	1.437E-10	1.107E-08	2.967E-08
Pb-210	äS(j):		2.510E-01	2.505E-01	2.484E-01	2.457E-01	2.220E-01	1.931E-01	7.108E-02	3.520E-02
Ra-226	Ra-226	1.000E+00	2.510E-01	2.502E-01	2.469E-01	2.428E-01	2.126E-01	1.801E-01	4.778E-02	9.094E-03
Ra-226	Th-230	1.000E+00	0.000E+00	9.515E-05	4.726E-04	9.374E-04	4.390E-03	8.106E-03	2.317E-02	2.743E-02
Ra-226	U-234	1.000E+00	0.000E+00	4.279E-10	1.059E-08	4.186E-08	9.494E-07	3.369E-06	3.477E-05	5.584E-05
Ra-226	U-238	9.999E-01	0.000E+00	4.042E-16	4.995E-14	3.940E-13	4.397E-11	3.057E-10	1.314E-08	3.247E-08
Ra-226	äS(j):		2.510E-01	2.503E-01	2.473E-01	2.437E-01	2.170E-01	1.882E-01	7.098E-02	3.658E-02
Sr-90	Sr-90	1.000E+00	5.100E+00	4.935E+00	4.326E+00	3.669E+00	9.824E-01	1.892E-01	3.587E-07	2.522E-14
Th-230	Th-230	1.000E+00	2.200E-01	2.200E-01	2.200E-01	2.200E-01	2.199E-01	2.197E-01	2.186E-01	2.173E-01
Th-230	U-234	1.000E+00	0.000E+00	1.976E-06	9.803E-06	1.941E-05	8.964E-05	1.628E-04	4.236E-04	4.772E-04
Th-230	U-238	9.999E-01	0.000E+00	2.799E-12	6.924E-11	2.733E-10	6.140E-09	2.154E-08	2.058E-07	3.117E-07
Th-230	äS(j):		2.200E-01	2.200E-01	2.200E-01	2.200E-01	2.200E-01	2.199E-01	2.191E-01	2.178E-01
U-234	U-234	1.000E+00	2.200E-01	2.191E-01	2.156E-01	2.113E-01	1.798E-01	1.469E-01	2.921E-02	3.880E-03
U-234	U-238	9.999E-01	0.000E+00	6.211E-07	3.056E-06	5.990E-06	2.548E-05	4.165E-05	4.144E-05	1.101E-05
U-234	äS(j):		2.200E-01	2.191E-01	2.156E-01	2.113E-01	1.798E-01	1.470E-01	2.926E-02	3.891E-03
U-238	U-238	5.400E-05	1.188E-05	1.183E-05	1.164E-05	1.141E-05	9.709E-06	7.936E-06	1.580E-06	2.101E-07
U-238	U-238	9.999E-01	2.200E-01	2.191E-01	2.156E-01	2.113E-01	1.798E-01	1.469E-01	2.925E-02	3.890E-03
U-238	äS(j):		2.200E-01	2.191E-01	2.156E-01	2.113E-01	1.798E-01	1.470E-01	2.926E-02	3.891E-03

THF(i) is the thread fraction of the parent nuclide.

RESCALC.EXE execution time = 37.51 seconds
Total water/soil iteration failures = 5.000E+00.

Summary : IR/FSS_M0003_IND_Avg Bkgd Subtract
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Dose Conversion Factor (and Related) Parameter Summary
Dose Library: FGR 11

Menu	Parameter	Current Value#	Base Case*	Parameter Name
A-1	DCF's for external ground radiation, (mrem/yr)/(pCi/g)			
A-1	At-218 (Source: FGR 12)	5.847E-03	5.847E-03	DCF1(1)
A-1	Ba-137m (Source: FGR 12)	3.606E+00	3.606E+00	DCF1(2)
A-1	Bi-210 (Source: FGR 12)	3.606E-03	3.606E-03	DCF1(3)
A-1	Bi-214 (Source: FGR 12)	9.808E+00	9.808E+00	DCF1(4)
A-1	Cs-137 (Source: FGR 12)	7.510E-04	7.510E-04	DCF1(5)
A-1	H-3 (Source: FGR 12)	0.000E+00	0.000E+00	DCF1(6)
A-1	Pa-234 (Source: FGR 12)	1.155E+01	1.155E+01	DCF1(7)
A-1	Pa-234m (Source: FGR 12)	8.967E-02	8.967E-02	DCF1(8)
A-1	Pb-210 (Source: FGR 12)	2.447E-03	2.447E-03	DCF1(9)
A-1	Pb-214 (Source: FGR 12)	1.341E+00	1.341E+00	DCF1(10)
A-1	Po-210 (Source: FGR 12)	5.231E-05	5.231E-05	DCF1(11)
A-1	Po-214 (Source: FGR 12)	5.138E-04	5.138E-04	DCF1(12)
A-1	Po-218 (Source: FGR 12)	5.642E-05	5.642E-05	DCF1(13)
A-1	Ra-226 (Source: FGR 12)	3.176E-02	3.176E-02	DCF1(14)
A-1	Rn-222 (Source: FGR 12)	2.354E-03	2.354E-03	DCF1(15)
A-1	Sr-90 (Source: FGR 12)	7.043E-04	7.043E-04	DCF1(16)
A-1	Th-230 (Source: FGR 12)	1.209E-03	1.209E-03	DCF1(17)
A-1	Th-234 (Source: FGR 12)	2.410E-02	2.410E-02	DCF1(18)
A-1	Tl-210 (Source: no data)	0.000E+00	-2.000E+00	DCF1(19)
A-1	U-234 (Source: FGR 12)	4.017E-04	4.017E-04	DCF1(20)
A-1	U-238 (Source: FGR 12)	1.031E-04	1.031E-04	DCF1(21)
A-1	Y-90 (Source: FGR 12)	2.391E-02	2.391E-02	DCF1(22)
B-1	Dose conversion factors for inhalation, mrem/pCi:			
B-1	Cs-137+D	3.190E-05	3.190E-05	DCF2(1)
B-1	H-3	6.400E-08	6.400E-08	DCF2(2)
B-1	Pb-210+D	2.320E-02	1.360E-02	DCF2(3)
B-1	Ra-226+D	8.594E-03	8.580E-03	DCF2(4)
B-1	Sr-90+D	1.308E-03	1.300E-03	DCF2(5)
B-1	Th-230	3.260E-01	3.260E-01	DCF2(6)
B-1	U-234	1.320E-01	1.320E-01	DCF2(7)
B-1	U-238	1.180E-01	1.180E-01	DCF2(8)
B-1	U-238+D	1.180E-01	1.180E-01	DCF2(9)
D-1	Dose conversion factors for ingestion, mrem/pCi:			
D-1	Cs-137+D	5.000E-05	5.000E-05	DCF3(1)
D-1	H-3	6.400E-08	6.400E-08	DCF3(2)
D-1	Pb-210+D	7.276E-03	5.370E-03	DCF3(3)
D-1	Ra-226+D	1.321E-03	1.320E-03	DCF3(4)
D-1	Sr-90+D	1.528E-04	1.420E-04	DCF3(5)
D-1	Th-230	5.480E-04	5.480E-04	DCF3(6)
D-1	U-234	2.830E-04	2.830E-04	DCF3(7)
D-1	U-238	2.550E-04	2.550E-04	DCF3(8)
D-1	U-238+D	2.687E-04	2.550E-04	DCF3(9)
D-34	Food transfer factors:			
D-34	Cs-137+D , plant/soil concentration ratio, dimensionless	4.000E-02	4.000E-02	RTF(1,1)
D-34	Cs-137+D , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	3.000E-02	3.000E-02	RTF(1,2)
D-34	Cs-137+D , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	8.000E-03	8.000E-03	RTF(1,3)

Summary : IR/FSS_M0003_IND_Avg Bkgd Subtract
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Dose Conversion Factor (and Related) Parameter Summary (continued)
Dose Library: FGR 11

Menu	Parameter	Current Value#	Base Case*	Parameter Name
D-34	H-3 , plant/soil concentration ratio, dimensionless	4.800E+00	4.800E+00	RTF(2,1)
D-34	H-3 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	1.200E-02	1.200E-02	RTF(2,2)
D-34	H-3 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	1.000E-02	1.000E-02	RTF(2,3)
D-34				
D-34	Pb-210+D , plant/soil concentration ratio, dimensionless	1.000E-02	1.000E-02	RTF(3,1)
D-34	Pb-210+D , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	8.000E-04	8.000E-04	RTF(3,2)
D-34	Pb-210+D , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	3.000E-04	3.000E-04	RTF(3,3)
D-34				
D-34	Ra-226+D , plant/soil concentration ratio, dimensionless	4.000E-02	4.000E-02	RTF(4,1)
D-34	Ra-226+D , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	1.000E-03	1.000E-03	RTF(4,2)
D-34	Ra-226+D , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	1.000E-03	1.000E-03	RTF(4,3)
D-34				
D-34	Sr-90+D , plant/soil concentration ratio, dimensionless	3.000E-01	3.000E-01	RTF(5,1)
D-34	Sr-90+D , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	8.000E-03	8.000E-03	RTF(5,2)
D-34	Sr-90+D , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	2.000E-03	2.000E-03	RTF(5,3)
D-34				
D-34	Th-230 , plant/soil concentration ratio, dimensionless	1.000E-03	1.000E-03	RTF(6,1)
D-34	Th-230 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	1.000E-04	1.000E-04	RTF(6,2)
D-34	Th-230 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	5.000E-06	5.000E-06	RTF(6,3)
D-34				
D-34	U-234 , plant/soil concentration ratio, dimensionless	2.500E-03	2.500E-03	RTF(7,1)
D-34	U-234 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	3.400E-04	3.400E-04	RTF(7,2)
D-34	U-234 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	6.000E-04	6.000E-04	RTF(7,3)
D-34				
D-34	U-238 , plant/soil concentration ratio, dimensionless	2.500E-03	2.500E-03	RTF(8,1)
D-34	U-238 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	3.400E-04	3.400E-04	RTF(8,2)
D-34	U-238 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	6.000E-04	6.000E-04	RTF(8,3)
D-34				
D-34	U-238+D , plant/soil concentration ratio, dimensionless	2.500E-03	2.500E-03	RTF(9,1)
D-34	U-238+D , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	3.400E-04	3.400E-04	RTF(9,2)
D-34	U-238+D , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	6.000E-04	6.000E-04	RTF(9,3)
D-5	Bioaccumulation factors, fresh water, L/kg:			
D-5	Cs-137+D , fish	2.000E+03	2.000E+03	BIOFAC(1,1)
D-5	Cs-137+D , crustacea and mollusks	1.000E+02	1.000E+02	BIOFAC(1,2)
D-5				
D-5	H-3 , fish	1.000E+00	1.000E+00	BIOFAC(2,1)
D-5	H-3 , crustacea and mollusks	1.000E+00	1.000E+00	BIOFAC(2,2)
D-5				
D-5	Pb-210+D , fish	3.000E+02	3.000E+02	BIOFAC(3,1)
D-5	Pb-210+D , crustacea and mollusks	1.000E+02	1.000E+02	BIOFAC(3,2)
D-5				
D-5	Ra-226+D , fish	5.000E+01	5.000E+01	BIOFAC(4,1)
D-5	Ra-226+D , crustacea and mollusks	2.500E+02	2.500E+02	BIOFAC(4,2)
D-5				
D-5	Sr-90+D , fish	6.000E+01	6.000E+01	BIOFAC(5,1)
D-5	Sr-90+D , crustacea and mollusks	1.000E+02	1.000E+02	BIOFAC(5,2)
D-5				
D-5	Th-230 , fish	1.000E+02	1.000E+02	BIOFAC(6,1)
D-5	Th-230 , crustacea and mollusks	5.000E+02	5.000E+02	BIOFAC(6,2)

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Dose Conversion Factor (and Related) Parameter Summary (continued)
Dose Library: FGR 11

Menu	Parameter	Current Value#	Base Case*	Parameter Name
D-5	U-234 , fish	1.000E+01	1.000E+01	BIOFAC(7,1)
D-5	U-234 , crustacea and mollusks	6.000E+01	6.000E+01	BIOFAC(7,2)
D-5				
D-5	U-238 , fish	1.000E+01	1.000E+01	BIOFAC(8,1)
D-5	U-238 , crustacea and mollusks	6.000E+01	6.000E+01	BIOFAC(8,2)
D-5				
D-5	U-238+D , fish	1.000E+01	1.000E+01	BIOFAC(9,1)
D-5	U-238+D , crustacea and mollusks	6.000E+01	6.000E+01	BIOFAC(9,2)

#For DCF1(xxx) only, factors are for infinite depth & area. See ETFG table in Ground Pathway of Detailed Report.
*Base Case means Default.Lib w/o Associate Nuclide contributions.

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Site-Specific Parameter Summary

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R011	Area of contaminated zone (m**2)	1.000E+00	1.000E+04	---	AREA
R011	Thickness of contaminated zone (m)	2.000E+00	2.000E+00	---	THICK0
R011	Fraction of contamination that is submerged	0.000E+00	0.000E+00	---	SUBMFRACT
R011	Length parallel to aquifer flow (m)	1.000E+00	1.000E+02	---	LCZPAQ
R011	Basic radiation dose limit (mrem/yr)	2.500E+01	3.000E+01	---	BRDL
R011	Time since placement of material (yr)	0.000E+00	0.000E+00	---	TI
R011	Times for calculations (yr)	1.000E+00	1.000E+00	---	T(2)
R011	Times for calculations (yr)	5.000E+00	3.000E+00	---	T(3)
R011	Times for calculations (yr)	1.000E+01	1.000E+01	---	T(4)
R011	Times for calculations (yr)	5.000E+01	3.000E+01	---	T(5)
R011	Times for calculations (yr)	1.000E+02	1.000E+02	---	T(6)
R011	Times for calculations (yr)	5.000E+02	3.000E+02	---	T(7)
R011	Times for calculations (yr)	1.000E+03	1.000E+03	---	T(8)
R011	Times for calculations (yr)	not used	0.000E+00	---	T(9)
R011	Times for calculations (yr)	not used	0.000E+00	---	T(10)
R012	Initial principal radionuclide (pCi/g): Cs-137	1.790E+01	0.000E+00	---	S1(1)
R012	Initial principal radionuclide (pCi/g): H-3	5.950E+01	0.000E+00	---	S1(2)
R012	Initial principal radionuclide (pCi/g): Pb-210	1.190E-01	0.000E+00	---	S1(3)
R012	Initial principal radionuclide (pCi/g): Ra-226	1.190E-01	0.000E+00	---	S1(4)
R012	Initial principal radionuclide (pCi/g): Sr-90	3.270E+01	0.000E+00	---	S1(5)
R012	Initial principal radionuclide (pCi/g): Th-230	1.200E-01	0.000E+00	---	S1(6)
R012	Initial principal radionuclide (pCi/g): U-234	1.200E-01	0.000E+00	---	S1(7)
R012	Initial principal radionuclide (pCi/g): U-238	1.200E-01	0.000E+00	---	S1(8)
R012	Concentration in groundwater (pCi/L): Cs-137	not used	0.000E+00	---	W1(1)
R012	Concentration in groundwater (pCi/L): H-3	not used	0.000E+00	---	W1(2)
R012	Concentration in groundwater (pCi/L): Pb-210	not used	0.000E+00	---	W1(3)
R012	Concentration in groundwater (pCi/L): Ra-226	not used	0.000E+00	---	W1(4)
R012	Concentration in groundwater (pCi/L): Sr-90	not used	0.000E+00	---	W1(5)
R012	Concentration in groundwater (pCi/L): Th-230	not used	0.000E+00	---	W1(6)
R012	Concentration in groundwater (pCi/L): U-234	not used	0.000E+00	---	W1(7)
R012	Concentration in groundwater (pCi/L): U-238	not used	0.000E+00	---	W1(8)
R013	Cover depth (m)	0.000E+00	0.000E+00	---	COVER0
R013	Density of cover material (g/cm**3)	not used	1.500E+00	---	DENSCV
R013	Cover depth erosion rate (m/yr)	not used	1.000E-03	---	VCV
R013	Density of contaminated zone (g/cm**3)	1.660E+00	1.500E+00	---	DENSCZ
R013	Contaminated zone erosion rate (m/yr)	1.000E-03	1.000E-03	---	VCZ
R013	Contaminated zone total porosity	3.300E-01	4.000E-01	---	TPCZ
R013	Contaminated zone field capacity	2.400E-01	2.000E-01	---	FCCZ
R013	Contaminated zone hydraulic conductivity (m/yr)	5.000E+03	1.000E+01	---	HCCZ
R013	Contaminated zone b parameter	4.900E+00	5.300E+00	---	BCZ
R013	Average annual wind speed (m/sec)	6.230E+00	2.000E+00	---	WIND
R013	Humidity in air (g/m**3)	8.000E+00	8.000E+00	---	HUMID
R013	Evapotranspiration coefficient	4.600E-01	5.000E-01	---	EVAPTR
R013	Precipitation (m/yr)	1.230E+00	1.000E+00	---	PRECIP
R013	Irrigation (m/yr)	2.600E-01	2.000E-01	---	RI
R013	Irrigation mode	overhead	overhead	---	IDITCH
R013	Runoff coefficient	2.000E-01	2.000E-01	---	RUNOFF
R013	Watershed area for nearby stream or pond (m**2)	1.000E+06	1.000E+06	---	WAREA

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Site-Specific Parameter Summary (continued)

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R013	Accuracy for water/soil computations	1.000E-03	1.000E-03	Romberg failures occurred	EPS
R014	Density of saturated zone (g/cm**3)	1.660E+00	1.500E+00	---	DENSAQ
R014	Saturated zone total porosity	3.300E-01	4.000E-01	---	TPSZ
R014	Saturated zone effective porosity	2.400E-01	2.000E-01	---	EPSZ
R014	Saturated zone field capacity	2.000E-01	2.000E-01	---	FCSZ
R014	Saturated zone hydraulic conductivity (m/yr)	2.000E+04	1.000E+02	---	HCSZ
R014	Saturated zone hydraulic gradient	4.800E-03	2.000E-02	---	HGWT
R014	Saturated zone b parameter	4.900E+00	5.300E+00	---	BSZ
R014	Water table drop rate (m/yr)	1.000E-03	1.000E-03	---	VWT
R014	Well pump intake depth (m below water table)	1.800E+01	1.000E+01	---	DWIBWT
R014	Model: Nondispersion (ND) or Mass-Balance (MB)	ND	ND	---	MODEL
R014	Well pumping rate (m**3/yr)	2.500E+02	2.500E+02	---	UW
R015	Number of unsaturated zone strata	1	1	---	NS
R015	Unsat. zone 1, thickness (m)	0.000E+00	4.000E+00	---	H(1)
R015	Unsat. zone 1, soil density (g/cm**3)	1.660E+00	1.500E+00	---	DENSUZ(1)
R015	Unsat. zone 1, total porosity	3.300E-01	4.000E-01	---	TPUZ(1)
R015	Unsat. zone 1, effective porosity	2.400E-01	2.000E-01	---	EPUZ(1)
R015	Unsat. zone 1, field capacity	2.000E-01	2.000E-01	---	FCUZ(1)
R015	Unsat. zone 1, soil-specific b parameter	4.900E+00	5.300E+00	---	BUZ(1)
R015	Unsat. zone 1, hydraulic conductivity (m/yr)	5.000E+03	1.000E+01	---	HCUZ(1)
R016	Distribution coefficients for Cs-137				
R016	Contaminated zone (cm**3/g)	5.300E+02	4.600E+03	---	DCNUCC(1)
R016	Unsaturated zone 1 (cm**3/g)	5.300E+02	4.600E+03	---	DCNUCU(1,1)
R016	Saturated zone (cm**3/g)	5.300E+02	4.600E+03	---	DCNUCS(1)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	3.817E-04	ALEACH(1)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(1)
R016	Distribution coefficients for H-3				
R016	Contaminated zone (cm**3/g)	0.000E+00	0.000E+00	---	DCNUCC(2)
R016	Unsaturated zone 1 (cm**3/g)	0.000E+00	0.000E+00	---	DCNUCU(2,1)
R016	Saturated zone (cm**3/g)	0.000E+00	0.000E+00	---	DCNUCS(2)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	1.399E+00	ALEACH(2)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(2)
R016	Distribution coefficients for Pb-210				
R016	Contaminated zone (cm**3/g)	1.000E+02	1.000E+02	---	DCNUCC(3)
R016	Unsaturated zone 1 (cm**3/g)	1.000E+02	1.000E+02	---	DCNUCU(3,1)
R016	Saturated zone (cm**3/g)	1.000E+02	1.000E+02	---	DCNUCS(3)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	2.020E-03	ALEACH(3)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(3)
R016	Distribution coefficients for Ra-226				
R016	Contaminated zone (cm**3/g)	7.000E+01	7.000E+01	---	DCNUCC(4)
R016	Unsaturated zone 1 (cm**3/g)	7.000E+01	7.000E+01	---	DCNUCU(4,1)
R016	Saturated zone (cm**3/g)	7.000E+01	7.000E+01	---	DCNUCS(4)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	2.885E-03	ALEACH(4)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(4)

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Site-Specific Parameter Summary (continued)

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R016	Distribution coefficients for Sr-90				
R016	Contaminated zone (cm**3/g)	2.200E+01	3.000E+01	---	DCNUCC(5)
R016	Unsaturated zone 1 (cm**3/g)	2.200E+01	3.000E+01	---	DCNUCU(5,1)
R016	Saturated zone (cm**3/g)	2.200E+01	3.000E+01	---	DCNUCS(5)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	9.137E-03	ALEACH(5)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(5)
R016	Distribution coefficients for Th-230				
R016	Contaminated zone (cm**3/g)	6.000E+04	6.000E+04	---	DCNUCC(6)
R016	Unsaturated zone 1 (cm**3/g)	6.000E+04	6.000E+04	---	DCNUCU(6,1)
R016	Saturated zone (cm**3/g)	6.000E+04	6.000E+04	---	DCNUCS(6)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	3.372E-06	ALEACH(6)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(6)
R016	Distribution coefficients for U-234				
R016	Contaminated zone (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCC(7)
R016	Unsaturated zone 1 (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCU(7,1)
R016	Saturated zone (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCS(7)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	4.035E-03	ALEACH(7)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(7)
R016	Distribution coefficients for U-238				
R016	Contaminated zone (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCC(8)
R016	Unsaturated zone 1 (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCU(8,1)
R016	Saturated zone (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCS(8)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	4.035E-03	ALEACH(8)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(8)
R017	Inhalation rate (m**3/yr)	7.300E+03	8.400E+03	---	INHALR
R017	Mass loading for inhalation (g/m**3)	1.000E-04	1.000E-04	---	MLINH
R017	Exposure duration	3.000E+01	3.000E+01	---	ED
R017	Shielding factor, inhalation	4.000E-01	4.000E-01	---	SHF3
R017	Shielding factor, external gamma	8.000E-01	7.000E-01	---	SHF1
R017	Fraction of time spent indoors	5.000E-01	5.000E-01	---	FIND
R017	Fraction of time spent outdoors (on site)	2.500E-01	2.500E-01	---	FOTD
R017	Shape factor flag, external gamma	1.000E+00	1.000E+00	>0 shows circular AREA.	FS
R017	Radii of shape factor array (used if FS = -1):				
R017	Outer annular radius (m), ring 1:	not used	5.000E+01	---	RAD_SHAPE(1)
R017	Outer annular radius (m), ring 2:	not used	7.071E+01	---	RAD_SHAPE(2)
R017	Outer annular radius (m), ring 3:	not used	0.000E+00	---	RAD_SHAPE(3)
R017	Outer annular radius (m), ring 4:	not used	0.000E+00	---	RAD_SHAPE(4)
R017	Outer annular radius (m), ring 5:	not used	0.000E+00	---	RAD_SHAPE(5)
R017	Outer annular radius (m), ring 6:	not used	0.000E+00	---	RAD_SHAPE(6)
R017	Outer annular radius (m), ring 7:	not used	0.000E+00	---	RAD_SHAPE(7)
R017	Outer annular radius (m), ring 8:	not used	0.000E+00	---	RAD_SHAPE(8)
R017	Outer annular radius (m), ring 9:	not used	0.000E+00	---	RAD_SHAPE(9)
R017	Outer annular radius (m), ring 10:	not used	0.000E+00	---	RAD_SHAPE(10)
R017	Outer annular radius (m), ring 11:	not used	0.000E+00	---	RAD_SHAPE(11)
R017	Outer annular radius (m), ring 12:	not used	0.000E+00	---	RAD_SHAPE(12)

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Site-Specific Parameter Summary (continued)

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R017	Fractions of annular areas within AREA:				
R017	Ring 1	not used	1.000E+00	---	FRACA(1)
R017	Ring 2	not used	2.732E-01	---	FRACA(2)
R017	Ring 3	not used	0.000E+00	---	FRACA(3)
R017	Ring 4	not used	0.000E+00	---	FRACA(4)
R017	Ring 5	not used	0.000E+00	---	FRACA(5)
R017	Ring 6	not used	0.000E+00	---	FRACA(6)
R017	Ring 7	not used	0.000E+00	---	FRACA(7)
R017	Ring 8	not used	0.000E+00	---	FRACA(8)
R017	Ring 9	not used	0.000E+00	---	FRACA(9)
R017	Ring 10	not used	0.000E+00	---	FRACA(10)
R017	Ring 11	not used	0.000E+00	---	FRACA(11)
R017	Ring 12	not used	0.000E+00	---	FRACA(12)
R018	Fruits, vegetables and grain consumption (kg/yr)	not used	1.600E+02	---	DIET(1)
R018	Leafy vegetable consumption (kg/yr)	not used	1.400E+01	---	DIET(2)
R018	Milk consumption (L/yr)	not used	9.200E+01	---	DIET(3)
R018	Meat and poultry consumption (kg/yr)	not used	6.300E+01	---	DIET(4)
R018	Fish consumption (kg/yr)	not used	5.400E+00	---	DIET(5)
R018	Other seafood consumption (kg/yr)	not used	9.000E-01	---	DIET(6)
R018	Soil ingestion rate (g/yr)	4.380E+01	3.650E+01	---	SOIL
R018	Drinking water intake (L/yr)	7.000E+02	5.100E+02	---	DWI
R018	Contamination fraction of drinking water	1.000E+00	1.000E+00	---	FDW
R018	Contamination fraction of household water	not used	1.000E+00	---	FHHW
R018	Contamination fraction of livestock water	not used	1.000E+00	---	FLW
R018	Contamination fraction of irrigation water	not used	1.000E+00	---	FIRW
R018	Contamination fraction of aquatic food	not used	5.000E-01	---	FR9
R018	Contamination fraction of plant food	not used	-1	---	FPLANT
R018	Contamination fraction of meat	not used	-1	---	FMEAT
R018	Contamination fraction of milk	not used	-1	---	FMILK
R019	Livestock fodder intake for meat (kg/day)	not used	6.800E+01	---	LFI5
R019	Livestock fodder intake for milk (kg/day)	not used	5.500E+01	---	LFI6
R019	Livestock water intake for meat (L/day)	not used	5.000E+01	---	LWI5
R019	Livestock water intake for milk (L/day)	not used	1.600E+02	---	LWI6
R019	Livestock soil intake (kg/day)	not used	5.000E-01	---	LSI
R019	Mass loading for foliar deposition (g/m**3)	not used	1.000E-04	---	MLFD
R019	Depth of soil mixing layer (m)	1.500E-01	1.500E-01	---	DM
R019	Depth of roots (m)	not used	9.000E-01	---	DROOT
R019	Drinking water fraction from ground water	1.000E+00	1.000E+00	---	FGWDW
R019	Household water fraction from ground water	not used	1.000E+00	---	FGWHH
R019	Livestock water fraction from ground water	not used	1.000E+00	---	FGWLW
R019	Irrigation fraction from ground water	not used	1.000E+00	---	FGWIR
R19B	Wet weight crop yield for Non-Leafy (kg/m**2)	not used	7.000E-01	---	YV(1)
R19B	Wet weight crop yield for Leafy (kg/m**2)	not used	1.500E+00	---	YV(2)
R19B	Wet weight crop yield for Fodder (kg/m**2)	not used	1.100E+00	---	YV(3)
R19B	Growing Season for Non-Leafy (years)	not used	1.700E-01	---	TE(1)
R19B	Growing Season for Leafy (years)	not used	2.500E-01	---	TE(2)
R19B	Growing Season for Fodder (years)	not used	8.000E-02	---	TE(3)

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Site-Specific Parameter Summary (continued)

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R19B	Translocation Factor for Non-Leafy	not used	1.000E-01	---	TIV(1)
R19B	Translocation Factor for Leafy	not used	1.000E+00	---	TIV(2)
R19B	Translocation Factor for Fodder	not used	1.000E+00	---	TIV(3)
R19B	Dry Foliar Interception Fraction for Non-Leafy	not used	2.500E-01	---	RDRY(1)
R19B	Dry Foliar Interception Fraction for Leafy	not used	2.500E-01	---	RDRY(2)
R19B	Dry Foliar Interception Fraction for Fodder	not used	2.500E-01	---	RDRY(3)
R19B	Wet Foliar Interception Fraction for Non-Leafy	not used	2.500E-01	---	RWET(1)
R19B	Wet Foliar Interception Fraction for Leafy	not used	2.500E-01	---	RWET(2)
R19B	Wet Foliar Interception Fraction for Fodder	not used	2.500E-01	---	RWET(3)
R19B	Weathering Removal Constant for Vegetation	not used	2.000E+01	---	WLAM
C14	C-12 concentration in water (g/cm**3)	not used	2.000E-05	---	C12WTR
C14	C-12 concentration in contaminated soil (g/g)	not used	3.000E-02	---	C12CZ
C14	Fraction of vegetation carbon from soil	not used	2.000E-02	---	CSOIL
C14	Fraction of vegetation carbon from air	not used	9.800E-01	---	CAIR
C14	C-14 evasion layer thickness in soil (m)	not used	3.000E-01	---	DMC
C14	C-14 evasion flux rate from soil (1/sec)	not used	7.000E-07	---	EVSN
C14	C-12 evasion flux rate from soil (1/sec)	not used	1.000E-10	---	REVSN
C14	Fraction of grain in beef cattle feed	not used	8.000E-01	---	AVFG4
C14	Fraction of grain in milk cow feed	not used	2.000E-01	---	AVFG5
STOR	Storage times of contaminated foodstuffs (days):				
STOR	Fruits, non-leafy vegetables, and grain	1.400E+01	1.400E+01	---	STOR_T(1)
STOR	Leafy vegetables	1.000E+00	1.000E+00	---	STOR_T(2)
STOR	Milk	1.000E+00	1.000E+00	---	STOR_T(3)
STOR	Meat and poultry	2.000E+01	2.000E+01	---	STOR_T(4)
STOR	Fish	7.000E+00	7.000E+00	---	STOR_T(5)
STOR	Crustacea and mollusks	7.000E+00	7.000E+00	---	STOR_T(6)
STOR	Well water	1.000E+00	1.000E+00	---	STOR_T(7)
STOR	Surface water	1.000E+00	1.000E+00	---	STOR_T(8)
STOR	Livestock fodder	4.500E+01	4.500E+01	---	STOR_T(9)
R021	Thickness of building foundation (m)	not used	1.500E-01	---	FLOOR1
R021	Bulk density of building foundation (g/cm**3)	not used	2.400E+00	---	DENSFL
R021	Total porosity of the cover material	not used	4.000E-01	---	TPCV
R021	Total porosity of the building foundation	not used	1.000E-01	---	TPFL
R021	Volumetric water content of the cover material	not used	5.000E-02	---	PH2OCV
R021	Volumetric water content of the foundation	not used	3.000E-02	---	PH2OFL
R021	Diffusion coefficient for radon gas (m/sec):				
R021	in cover material	not used	2.000E-06	---	DIFCV
R021	in foundation material	not used	3.000E-07	---	DIFFL
R021	in contaminated zone soil	not used	2.000E-06	---	DIFCZ
R021	Radon vertical dimension of mixing (m)	not used	2.000E+00	---	HMIX
R021	Average building air exchange rate (1/hr)	not used	5.000E-01	---	REXG
R021	Height of the building (room) (m)	not used	2.500E+00	---	HRM
R021	Building interior area factor	not used	0.000E+00	---	FAI
R021	Building depth below ground surface (m)	not used	-1.000E+00	---	DMFL
R021	Emanating power of Rn-222 gas	not used	2.500E-01	---	EMANA(1)
R021	Emanating power of Rn-220 gas	not used	1.500E-01	---	EMANA(2)
TITL	Number of graphical time points	32	---	---	NPTS

Summary : IR/FSS_M0003_IND_Avg Bkgd Subtract
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Site-Specific Parameter Summary (continued)

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
TITL	Maximum number of integration points for dose	17	---	---	LYMAX
TITL	Maximum number of integration points for risk	257	---	---	KYMAX

Summary of Pathway Selections

Pathway	User Selection
1 -- external gamma	active
2 -- inhalation (w/o radon)	active
3 -- plant ingestion	suppressed
4 -- meat ingestion	suppressed
5 -- milk ingestion	suppressed
6 -- aquatic foods	suppressed
7 -- drinking water	active
8 -- soil ingestion	active
9 -- radon	suppressed
Find peak pathway doses	suppressed

Summary : IR/FSS_M0003_IND_Avg Bkgd Subtract

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Contaminated Zone Dimensions		Initial Soil Concentrations, pCi/g	
Area:	1.00 square meters	Cs-137	1.790E+01
Thickness:	2.00 meters	H-3	5.950E+01
Cover Depth:	0.00 meters	Pb-210	1.190E-01
		Ra-226	1.190E-01
		Sr-90	3.270E+01
		Th-230	1.200E-01
		U-234	1.200E-01
		U-238	1.200E-01

Total Dose TDOSE(t), mrem/yr

Basic Radiation Dose Limit = 2.500E+01 mrem/yr

Total Mixture Sum M(t) = Fraction of Basic Dose Limit Received at Time (t)

t (years):	0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
TDOSE(t):	4.200E+00	4.112E+00	3.747E+00	3.336E+00	1.338E+00	4.552E-01	2.681E-02	1.454E-02
M(t):	1.680E-01	1.645E-01	1.499E-01	1.334E-01	5.353E-02	1.821E-02	1.072E-03	5.816E-04

Maximum TDOSE(t): 4.200E+00 mrem/yr at t = 0.000E+00 years

Summary : IR/FSS_M0003_IND_Avg Bkgd Subtract
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Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 0.000E+00 years

Water Independent Pathways (Inhalation excludes radon)

	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Radio-														
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Cs-137	4.005E+00	0.9535	4.269E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.906E-05	0.0000
H-3	0.000E+00	0.0000	5.522E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.387E-08	0.0000
Pb-210	5.405E-05	0.0000	2.054E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.798E-05	0.0000
Ra-226	8.563E-02	0.0204	8.045E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.592E-06	0.0000
Sr-90	5.216E-02	0.0124	3.184E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.615E-04	0.0000
Th-230	2.983E-05	0.0000	2.959E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.161E-06	0.0000
U-234	3.862E-06	0.0000	1.196E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.113E-06	0.0000
U-238	1.232E-03	0.0003	1.069E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.057E-06	0.0000
Total	4.144E+00	0.9866	9.289E-04	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.285E-04	0.0001

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 0.000E+00 years

Water Dependent Pathways

	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Radio-														
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Cs-137	1.511E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.005E+00	0.9535
H-3	2.480E-03	0.0006	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.535E-03	0.0006
Pb-210	7.452E-04	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.477E-04	0.0002
Ra-226	3.196E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.596E-02	0.0205
Sr-90	5.146E-02	0.0123	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.041E-01	0.0248
Th-230	4.006E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.280E-04	0.0001
U-234	1.198E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.444E-04	0.0001
U-238	1.138E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.454E-03	0.0003
Total	5.524E-02	0.0132	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.200E+00	1.0000

*Sum of all water independent and dependent pathways.

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Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+00 years

Water Independent Pathways (Inhalation excludes radon)

	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Radio-														
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Cs-137	3.912E+00	0.9513	4.170E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.838E-05	0.0000
H-3	0.000E+00	0.0000	3.898E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.097E-09	0.0000
Pb-210	5.229E-05	0.0000	1.987E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.707E-05	0.0000
Ra-226	8.535E-02	0.0208	8.645E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.427E-06	0.0000
Sr-90	5.047E-02	0.0123	3.081E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.562E-04	0.0000
Th-230	6.717E-05	0.0000	2.959E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.164E-06	0.0000
U-234	3.846E-06	0.0000	1.191E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.109E-06	0.0000
U-238	1.227E-03	0.0003	1.065E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.053E-06	0.0000
Total	4.049E+00	0.9847	8.662E-04	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.224E-04	0.0001

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+00 years

Water Dependent Pathways

	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Radio-														
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Cs-137	4.503E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.912E+00	0.9514
H-3	2.042E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.081E-04	0.0001
Pb-210	2.027E-03	0.0005	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.126E-03	0.0005
Ra-226	7.121E-04	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.607E-02	0.0209
Sr-90	5.851E-02	0.0142	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.094E-01	0.0266
Th-230	2.570E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.655E-04	0.0001
U-234	1.834E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.075E-04	0.0001
U-238	1.742E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.509E-03	0.0004
Total	6.182E-02	0.0150	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.112E+00	1.0000

*Sum of all water independent and dependent pathways.

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Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+00 years

Water Independent Pathways (Inhalation excludes radon)

	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Radio-														
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Cs-137	3.561E+00	0.9505	3.796E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.584E-05	0.0000
H-3	0.000E+00	0.0000	9.566E-11	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.600E-14	0.0000
Pb-210	4.581E-05	0.0000	1.741E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.371E-05	0.0000
Ra-226	8.423E-02	0.0225	1.083E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.473E-06	0.0000
Sr-90	4.424E-02	0.0118	2.701E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.369E-04	0.0000
Th-230	2.153E-04	0.0001	2.959E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.178E-06	0.0000
U-234	3.790E-06	0.0000	1.172E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.091E-06	0.0000
U-238	1.207E-03	0.0003	1.048E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.036E-06	0.0000
Total	3.691E+00	0.9852	8.200E-04	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.003E-04	0.0001

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+00 years

Water Dependent Pathways

	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Radio-														
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Cs-137	1.561E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.561E+00	0.9505
H-3	5.015E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.111E-09	0.0000
Pb-210	1.964E-03	0.0005	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.051E-03	0.0005
Ra-226	9.646E-04	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.521E-02	0.0227
Sr-90	5.127E-02	0.0137	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.591E-02	0.0256
Th-230	1.577E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.150E-04	0.0001
U-234	1.804E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.025E-04	0.0001
U-238	1.713E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.484E-03	0.0004
Total	5.456E-02	0.0146	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.747E+00	1.0000

*Sum of all water independent and dependent pathways.

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Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+01 years

Water Independent Pathways (Inhalation excludes radon)

	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Radio-														
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Cs-137	3.166E+00	0.9491	3.376E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.298E-05	0.0000
H-3	0.000E+00	0.0000	1.608E-16	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.278E-19	0.0000
Pb-210	3.882E-05	0.0000	1.475E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.009E-05	0.0000
Ra-226	8.285E-02	0.0248	1.312E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.268E-05	0.0000
Sr-90	3.752E-02	0.0112	2.290E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.161E-04	0.0000
Th-230	3.978E-04	0.0001	2.960E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.202E-06	0.0000
U-234	3.728E-06	0.0000	1.149E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.069E-06	0.0000
U-238	1.183E-03	0.0004	1.027E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.015E-06	0.0000
Total	3.288E+00	0.9857	7.738E-04	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.762E-04	0.0001

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+01 years

Water Dependent Pathways

	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Radio-														
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Cs-137	2.668E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.167E+00	0.9492
H-3	8.443E-15	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.604E-15	0.0000
Pb-210	1.664E-03	0.0005	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.738E-03	0.0005
Ra-226	1.227E-03	0.0004	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.410E-02	0.0252
Sr-90	4.345E-02	0.0130	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.132E-02	0.0244
Th-230	3.772E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.997E-04	0.0002
U-234	1.767E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.964E-04	0.0001
U-238	1.678E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.455E-03	0.0004
Total	4.672E-02	0.0140	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.336E+00	1.0000

*Sum of all water independent and dependent pathways.

Summary : IR/FSS_M0003_IND_Avg Bkgd Subtract
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Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+01 years

Water Independent Pathways (Inhalation excludes radon)

	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Radio-														
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Cs-137	1.238E+00	0.9248	1.319E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.980E-06	0.0000
H-3	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Pb-210	1.033E-05	0.0000	3.924E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.346E-06	0.0000
Ra-226	7.258E-02	0.0542	2.088E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.389E-05	0.0000
Sr-90	1.005E-02	0.0075	6.133E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.110E-05	0.0000
Th-230	1.753E-03	0.0013	2.961E-04	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.548E-06	0.0000
U-234	3.540E-06	0.0000	9.785E-05	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.108E-07	0.0000
U-238	1.007E-03	0.0008	8.741E-05	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.641E-07	0.0000
Total	1.323E+00	0.9887	5.688E-04	0.0004	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.364E-05	0.0001

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+01 years

Water Dependent Pathways

	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Radio-														
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Cs-137	5.111E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.238E+00	0.9249
H-3	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Pb-210	4.418E-04	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.614E-04	0.0003
Ra-226	2.128E-03	0.0016	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.475E-02	0.0559
Sr-90	1.158E-02	0.0087	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.172E-02	0.0162
Th-230	3.318E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.085E-03	0.0016
U-234	1.498E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.521E-04	0.0002
U-238	1.423E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.237E-03	0.0009
Total	1.453E-02	0.0109	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.338E+00	1.0000

*Sum of all water independent and dependent pathways.

Summary : IR/FSS_M0003_IND_Avg Bkgd Subtract

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Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+02 years

Water Independent Pathways (Inhalation excludes radon)

	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Radio-														
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Cs-137	3.824E-01	0.8402	4.077E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.775E-06	0.0000
H-3	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Pb-210	1.973E-06	0.0000	7.498E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.021E-06	0.0000
Ra-226	6.149E-02	0.1351	2.037E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.390E-05	0.0001
Sr-90	1.935E-03	0.0043	1.181E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.991E-06	0.0000
Th-230	3.213E-03	0.0071	2.964E-04	0.0007	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.080E-06	0.0000
U-234	3.923E-06	0.0000	8.008E-05	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.454E-07	0.0000
U-238	8.228E-04	0.0018	7.145E-05	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.063E-07	0.0000
Total	4.499E-01	0.9884	4.813E-04	0.0011	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.822E-05	0.0001

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+02 years

Water Dependent Pathways

	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Radio-														
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Cs-137	3.202E-05	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.825E-01	0.8403
H-3	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Pb-210	8.415E-05	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.790E-05	0.0002
Ra-226	2.097E-03	0.0046	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.363E-02	0.1398
Sr-90	2.215E-03	0.0049	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.168E-03	0.0092
Th-230	7.621E-05	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.588E-03	0.0079
U-234	1.218E-04	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.065E-04	0.0005
U-238	1.157E-04	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.011E-03	0.0022
Total	4.742E-03	0.0104	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.552E-01	1.0000

*Sum of all water independent and dependent pathways.

Summary : IR/FSS_M0003_IND_Avg Bkgd Subtract
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Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+02 years

Water Independent Pathways (Inhalation excludes radon)

	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Radio-														
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Cs-137	3.181E-05	0.0012	3.391E-11	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.308E-10	0.0000
H-3	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Pb-210	3.504E-12	0.0000	1.331E-12	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.814E-12	0.0000
Ra-226	1.631E-02	0.6084	5.611E-06	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.622E-06	0.0002
Sr-90	3.668E-09	0.0000	2.239E-11	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.136E-11	0.0000
Th-230	9.128E-03	0.3405	2.970E-04	0.0111	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.459E-06	0.0002
U-234	1.423E-05	0.0005	1.645E-05	0.0006	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.568E-07	0.0000
U-238	1.638E-04	0.0061	1.424E-05	0.0005	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.408E-07	0.0000
Total	2.565E-02	0.9567	3.333E-04	0.0124	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.238E-05	0.0005

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+02 years

Water Dependent Pathways

	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Radio-														
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Cs-137	4.288E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.181E-05	0.0012
H-3	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Pb-210	1.433E-10	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.499E-10	0.0000
Ra-226	5.450E-04	0.0203	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.687E-02	0.6292
Sr-90	3.876E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.578E-09	0.0000
Th-230	2.248E-04	0.0084	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.655E-03	0.3602
U-234	2.304E-05	0.0009	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.388E-05	0.0020
U-238	2.158E-05	0.0008	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.998E-04	0.0075
Total	8.144E-04	0.0304	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.681E-02	1.0000

*Sum of all water independent and dependent pathways.

Summary : IR/FSS_M0003_IND_Avg Bkgd Subtract
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Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+03 years

Water Independent Pathways (Inhalation excludes radon)

	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Radio-														
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Cs-137	2.526E-10	0.0000	2.693E-16	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.833E-15	0.0000
H-3	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Pb-210	2.271E-19	0.0000	8.630E-20	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.176E-19	0.0000
Ra-226	3.105E-03	0.2135	1.068E-06	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.261E-06	0.0001
Sr-90	2.580E-16	0.0000	1.575E-18	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.986E-19	0.0000
Th-230	1.080E-02	0.7430	2.957E-04	0.0203	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.129E-06	0.0004
U-234	2.206E-05	0.0015	2.758E-06	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.239E-08	0.0000
U-238	2.180E-05	0.0015	1.898E-06	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.876E-08	0.0000
Total	1.395E-02	0.9595	3.015E-04	0.0207	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.441E-06	0.0005

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+03 years

Water Dependent Pathways

	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Radio-														
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Cs-137	4.036E-14	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.527E-10	0.0000
H-3	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Pb-210	8.266E-18	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.697E-18	0.0000
Ra-226	8.593E-05	0.0059	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.193E-03	0.2196
Sr-90	2.236E-16	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.839E-16	0.0000
Th-230	1.881E-04	0.0129	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.129E-02	0.7767
U-234	3.141E-06	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.799E-05	0.0019
U-238	2.439E-06	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.615E-05	0.0018
Total	2.796E-04	0.0192	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.454E-02	1.0000

*Sum of all water independent and dependent pathways.

Summary : IR/FSS_M0003_IND_Avg Bkgd Subtract
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Dose/Source Ratios Summed Over All Pathways
Parent and Progeny Principal Radionuclide Contributions Indicated

Parent (i)	Product (j)	Thread Fraction	DSR(j,t) At Time in Years (mrem/yr)/(pCi/g) 0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
Cs-137+D	Cs-137+D	1.000E+00	2.237E-01	2.185E-01	1.989E-01	1.769E-01	6.914E-02	2.137E-02	1.777E-06	1.412E-11
H-3	H-3	1.000E+00	4.261E-05	3.497E-06	8.590E-11	1.446E-16	0.000E+00	0.000E+00	0.000E+00	0.000E+00
Pb-210+D	Pb-210+D	1.000E+00	7.124E-03	1.787E-02	1.723E-02	1.460E-02	3.877E-03	7.386E-04	1.260E-09	7.308E-17
Ra-226+D	Ra-226+D	1.000E+00	7.222E-01	7.224E-01	7.129E-01	7.011E-01	6.140E-01	5.201E-01	1.379E-01	2.623E-02
Ra-226+D	Pb-210+D	1.000E+00	1.796E-04	9.187E-04	3.204E-03	5.596E-03	1.416E-02	1.460E-02	3.839E-03	6.048E-04
Ra-226+D	äDSR(j)		7.224E-01	7.233E-01	7.161E-01	7.067E-01	6.281E-01	5.347E-01	1.417E-01	2.683E-02
Sr-90+D	Sr-90+D	1.000E+00	3.183E-03	3.347E-03	2.933E-03	2.487E-03	6.642E-04	1.275E-04	2.317E-10	1.480E-17
Th-230	Th-230	1.000E+00	2.577E-03	2.577E-03	2.577E-03	2.576E-03	2.575E-03	2.574E-03	2.561E-03	2.545E-03
Th-230	Ra-226+D	1.000E+00	1.563E-04	4.691E-04	1.711E-03	3.241E-03	1.460E-02	2.683E-02	7.633E-02	9.023E-02
Th-230	Pb-210+D	1.000E+00	1.845E-08	2.329E-07	3.709E-06	1.298E-05	1.971E-04	4.971E-04	1.569E-03	1.333E-03
Th-230	äDSR(j)		2.733E-03	3.046E-03	4.292E-03	5.831E-03	1.738E-02	2.990E-02	8.046E-02	9.411E-02
U-234	U-234	1.000E+00	2.037E-03	2.562E-03	2.521E-03	2.470E-03	2.096E-03	1.708E-03	3.267E-04	3.952E-05
U-234	Th-230	1.000E+00	1.163E-08	3.478E-08	1.263E-07	2.387E-07	1.060E-06	1.917E-06	4.967E-06	5.595E-06
U-234	Ra-226+D	1.000E+00	5.067E-10	3.333E-09	4.229E-08	1.519E-07	3.186E-06	1.119E-05	1.148E-04	1.841E-04
U-234	Pb-210+D	1.000E+00	1.466E-10	2.203E-10	2.042E-10	4.985E-10	3.074E-08	1.597E-07	2.551E-06	4.038E-06
U-234	äDSR(j)		2.037E-03	2.562E-03	2.521E-03	2.470E-03	2.101E-03	1.721E-03	4.490E-04	2.333E-04
U-238	U-238	5.400E-05	9.771E-08	1.233E-07	1.213E-07	1.188E-07	1.009E-07	8.219E-08	1.573E-08	1.904E-09
U-238+D	U-238+D	9.999E-01	1.211E-02	1.257E-02	1.237E-02	1.212E-02	1.031E-02	8.421E-03	1.664E-03	2.176E-04
U-238+D	U-234	9.999E-01	3.293E-09	1.089E-08	3.930E-08	7.351E-08	3.002E-07	4.866E-07	4.638E-07	1.122E-07
U-238+D	Th-230	9.999E-01	3.316E-14	1.268E-13	1.121E-12	3.796E-12	7.450E-11	2.568E-10	2.420E-09	3.661E-09
U-238+D	Ra-226+D	9.999E-01	4.597E-11	1.048E-10	2.890E-10	5.597E-10	2.602E-09	5.453E-09	5.484E-08	1.199E-07
U-238+D	Pb-210+D	9.999E-01	1.775E-10	4.046E-10	1.115E-09	2.155E-09	9.470E-09	1.712E-08	4.503E-08	5.181E-08
U-238+D	äDSR(j)		1.211E-02	1.257E-02	1.237E-02	1.212E-02	1.031E-02	8.422E-03	1.665E-03	2.179E-04

The DSR includes contributions from associated (half-life ó 180 days) daughters.

Summary : IR/FSS_M0003_IND_Avg Bkgd Subtract
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Single Radionuclide Soil Guidelines G(i,t) in pCi/g
Basic Radiation Dose Limit = 2.500E+01 mrem/yr

Nuclide (i)	t= 0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
Cs-137	1.117E+02	1.144E+02	1.257E+02	1.413E+02	3.616E+02	1.170E+03	1.407E+07	1.771E+12
H-3	5.867E+05	7.149E+06	2.910E+11	*9.597E+15	*9.597E+15	*9.597E+15	*9.597E+15	*9.597E+15
Pb-210	3.509E+03	1.399E+03	1.451E+03	1.712E+03	6.448E+03	3.385E+04	1.984E+10	*7.634E+13
Ra-226	3.461E+01	3.456E+01	3.491E+01	3.537E+01	3.980E+01	4.675E+01	1.764E+02	9.318E+02
Sr-90	7.853E+03	7.470E+03	8.524E+03	1.005E+04	3.764E+04	1.961E+05	1.079E+11	*1.365E+14
Th-230	9.147E+03	8.207E+03	5.825E+03	4.288E+03	1.439E+03	8.361E+02	3.107E+02	2.656E+02
U-234	1.227E+04	9.757E+03	9.917E+03	1.012E+04	1.190E+04	1.453E+04	5.568E+04	1.072E+05
U-238	2.064E+03	1.989E+03	2.021E+03	2.062E+03	2.425E+03	2.969E+03	1.502E+04	1.147E+05

*At specific activity limit

Summed Dose/Source Ratios DSR(i,t) in (mrem/yr)/(pCi/g)
and Single Radionuclide Soil Guidelines G(i,t) in pCi/g
at tmin = time of minimum single radionuclide soil guideline
and at tmax = time of maximum total dose = 0.000E+00 years

Nuclide (i)	Initial (pCi/g)	tmin (years)	DSR(i,tmin)	G(i,tmin) (pCi/g)	DSR(i,tmax)	G(i,tmax) (pCi/g)
Cs-137	1.790E+01	0.000E+00	2.237E-01	1.117E+02	2.237E-01	1.117E+02
H-3	5.950E+01	0.000E+00	4.261E-05	5.867E+05	4.261E-05	5.867E+05
Pb-210	1.190E-01	1.536 ñ 0.003	1.933E-02	1.293E+03	7.124E-03	3.509E+03
Ra-226	1.190E-01	0.718 ñ 0.001	7.236E-01	3.455E+01	7.224E-01	3.461E+01
Sr-90	3.270E+01	0.2910 ñ 0.0006	3.425E-03	7.300E+03	3.183E-03	7.853E+03
Th-230	1.200E-01	1.000E+03	9.411E-02	2.656E+02	2.733E-03	9.147E+03
U-234	1.200E-01	0.694 ñ 0.001	2.566E-03	9.744E+03	2.037E-03	1.227E+04
U-238	1.200E-01	0.688 ñ 0.001	1.259E-02	1.986E+03	1.211E-02	2.064E+03

Summary : IR/FSS_M0003_IND_Avg Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\IR_FSS_M0003_INDUSTRIAL_BKGD SUBTRACT.RAD

Individual Nuclide Dose Summed Over All Pathways
Parent Nuclide and Branch Fraction Indicated

Nuclide (j)	Parent (i)	THF(i)	DOSE(j,t), mrem/yr t= 0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
Cs-137	Cs-137	1.000E+00	4.005E+00	3.912E+00	3.561E+00	3.167E+00	1.238E+00	3.825E-01	3.181E-05	2.527E-10
H-3	H-3	1.000E+00	2.535E-03	2.081E-04	5.111E-09	8.604E-15	0.000E+00	0.000E+00	0.000E+00	0.000E+00
Pb-210	Pb-210	1.000E+00	8.477E-04	2.126E-03	2.051E-03	1.738E-03	4.614E-04	8.790E-05	1.499E-10	8.697E-18
Pb-210	Ra-226	1.000E+00	2.137E-05	1.093E-04	3.813E-04	6.659E-04	1.686E-03	1.737E-03	4.569E-04	7.198E-05
Pb-210	Th-230	1.000E+00	2.214E-09	2.795E-08	4.451E-07	1.558E-06	2.365E-05	5.966E-05	1.883E-04	1.600E-04
Pb-210	U-234	1.000E+00	1.759E-11	2.644E-11	2.450E-11	5.982E-11	3.688E-09	1.917E-08	3.061E-07	4.846E-07
Pb-210	U-238	9.999E-01	2.130E-11	4.855E-11	1.338E-10	2.586E-10	1.136E-09	2.054E-09	5.403E-09	6.217E-09
Pb-210	äDOSE(j)		8.691E-04	2.236E-03	2.433E-03	2.405E-03	2.171E-03	1.885E-03	6.454E-04	2.325E-04
Ra-226	Ra-226	1.000E+00	8.594E-02	8.596E-02	8.483E-02	8.343E-02	7.306E-02	6.189E-02	1.641E-02	3.121E-03
Ra-226	Th-230	1.000E+00	1.875E-05	5.630E-05	2.054E-04	3.890E-04	1.752E-03	3.220E-03	9.159E-03	1.083E-02
Ra-226	U-234	1.000E+00	6.080E-11	4.000E-10	5.075E-09	1.823E-08	3.824E-07	1.343E-06	1.377E-05	2.210E-05
Ra-226	U-238	9.999E-01	5.517E-12	1.258E-11	3.468E-11	6.717E-11	3.123E-10	6.543E-10	6.581E-09	1.439E-08
Ra-226	äDOSE(j)		8.596E-02	8.602E-02	8.504E-02	8.382E-02	7.482E-02	6.511E-02	2.558E-02	1.397E-02
Sr-90	Sr-90	1.000E+00	1.041E-01	1.094E-01	9.591E-02	8.132E-02	2.172E-02	4.168E-03	7.578E-09	4.839E-16
Th-230	Th-230	1.000E+00	3.092E-04	3.092E-04	3.092E-04	3.092E-04	3.090E-04	3.088E-04	3.073E-04	3.054E-04
Th-230	U-234	1.000E+00	1.396E-09	4.174E-09	1.516E-08	2.865E-08	1.272E-07	2.300E-07	5.961E-07	6.714E-07
Th-230	U-238	9.999E-01	3.979E-15	1.522E-14	1.345E-13	4.555E-13	8.940E-12	3.082E-11	2.904E-10	4.393E-10
Th-230	äDOSE(j)		3.092E-04	3.092E-04	3.092E-04	3.092E-04	3.092E-04	3.091E-04	3.079E-04	3.061E-04
U-234	U-234	1.000E+00	2.444E-04	3.075E-04	3.025E-04	2.964E-04	2.516E-04	2.049E-04	3.920E-05	4.743E-06
U-234	U-238	9.999E-01	3.952E-10	1.307E-09	4.716E-09	8.821E-09	3.602E-08	5.839E-08	5.566E-08	1.347E-08
U-234	äDOSE(j)		2.444E-04	3.075E-04	3.025E-04	2.964E-04	2.516E-04	2.050E-04	3.926E-05	4.756E-06
U-238	U-238	5.400E-05	1.173E-08	1.480E-08	1.456E-08	1.426E-08	1.211E-08	9.863E-09	1.888E-09	2.285E-10
U-238	U-238	9.999E-01	1.454E-03	1.509E-03	1.484E-03	1.455E-03	1.237E-03	1.011E-03	1.997E-04	2.612E-05
U-238	äDOSE(j)		1.454E-03	1.509E-03	1.484E-03	1.455E-03	1.237E-03	1.011E-03	1.997E-04	2.612E-05

THF(i) is the thread fraction of the parent nuclide.

Summary : IR/FSS_M0003_IND_Avg Bkgd Subtract
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Individual Nuclide Soil Concentration
Parent Nuclide and Branch Fraction Indicated

Nuclide (j)	Parent (i)	THF(i)	S(j,t), pCi/g							
		t=	0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
Cs-137	Cs-137	1.000E+00	1.790E+01	1.748E+01	1.592E+01	1.415E+01	5.532E+00	1.709E+00	1.422E-04	1.129E-09
H-3	H-3	1.000E+00	5.950E+01	4.202E+00	1.033E-04	1.739E-10	0.000E+00	0.000E+00	0.000E+00	0.000E+00
Pb-210	Pb-210	1.000E+00	1.190E-01	1.151E-01	1.008E-01	8.546E-02	2.274E-02	4.344E-03	7.714E-09	5.000E-16
Pb-210	Ra-226	1.000E+00	0.000E+00	3.632E-03	1.690E-02	3.094E-02	8.147E-02	8.459E-02	2.364E-02	4.499E-03
Pb-210	Th-230	1.000E+00	0.000E+00	7.982E-07	1.902E-05	7.175E-05	1.173E-03	3.036E-03	1.156E-02	1.400E-02
Pb-210	U-234	1.000E+00	0.000E+00	2.400E-12	2.882E-10	2.195E-09	1.904E-07	1.025E-06	1.670E-05	2.824E-05
Pb-210	U-238	9.999E-01	0.000E+00	1.703E-18	1.027E-15	1.574E-14	7.080E-12	7.836E-11	6.036E-09	1.618E-08
Pb-210	äS(j):		1.190E-01	1.188E-01	1.178E-01	1.165E-01	1.054E-01	9.197E-02	3.521E-02	1.852E-02
Ra-226	Ra-226	1.000E+00	1.190E-01	1.186E-01	1.170E-01	1.151E-01	1.008E-01	8.540E-02	2.265E-02	4.312E-03
Ra-226	Th-230	1.000E+00	0.000E+00	5.190E-05	2.578E-04	5.113E-04	2.394E-03	4.421E-03	1.264E-02	1.496E-02
Ra-226	U-234	1.000E+00	0.000E+00	2.334E-10	5.778E-09	2.283E-08	5.179E-07	1.837E-06	1.897E-05	3.046E-05
Ra-226	U-238	9.999E-01	0.000E+00	2.205E-16	2.725E-14	2.149E-13	2.398E-11	1.667E-10	7.169E-09	1.771E-08
Ra-226	äS(j):		1.190E-01	1.187E-01	1.173E-01	1.156E-01	1.032E-01	8.982E-02	3.531E-02	1.931E-02
Sr-90	Sr-90	1.000E+00	3.270E+01	3.164E+01	2.773E+01	2.352E+01	6.299E+00	1.213E+00	2.300E-06	1.617E-13
Th-230	Th-230	1.000E+00	1.200E-01	1.200E-01	1.200E-01	1.200E-01	1.199E-01	1.199E-01	1.193E-01	1.185E-01
Th-230	U-234	1.000E+00	0.000E+00	1.078E-06	5.347E-06	1.059E-05	4.889E-05	8.882E-05	2.311E-04	2.603E-04
Th-230	U-238	9.999E-01	0.000E+00	1.527E-12	3.777E-11	1.490E-10	3.349E-09	1.175E-08	1.122E-07	1.700E-07
Th-230	äS(j):		1.200E-01	1.200E-01	1.200E-01	1.200E-01	1.200E-01	1.199E-01	1.195E-01	1.188E-01
U-234	U-234	1.000E+00	1.200E-01	1.195E-01	1.176E-01	1.153E-01	9.806E-02	8.013E-02	1.594E-02	2.116E-03
U-234	U-238	9.999E-01	0.000E+00	3.388E-07	1.667E-06	3.267E-06	1.390E-05	2.272E-05	2.260E-05	6.007E-06
U-234	äS(j):		1.200E-01	1.195E-01	1.176E-01	1.153E-01	9.808E-02	8.016E-02	1.596E-02	2.122E-03
U-238	U-238	5.400E-05	6.480E-06	6.454E-06	6.351E-06	6.224E-06	5.296E-06	4.328E-06	8.617E-07	1.146E-07
U-238	U-238	9.999E-01	1.200E-01	1.195E-01	1.176E-01	1.152E-01	9.807E-02	8.015E-02	1.596E-02	2.122E-03
U-238	äS(j):		1.200E-01	1.195E-01	1.176E-01	1.153E-01	9.808E-02	8.016E-02	1.596E-02	2.122E-03

THF(i) is the thread fraction of the parent nuclide.

RESCALC.EXE execution time = 37.21 seconds
Total water/soil iteration failures = 5.000E+00.

Summary : IR/FSS_M0003_Res_Avg Bkgd Subtract
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Dose Conversion Factor (and Related) Parameter Summary
Dose Library: FGR 11

Menu	Parameter	Current Value#	Base Case*	Parameter Name
A-1	DCF's for external ground radiation, (mrem/yr)/(pCi/g)			
A-1	At-218 (Source: FGR 12)	5.847E-03	5.847E-03	DCF1(1)
A-1	Ba-137m (Source: FGR 12)	3.606E+00	3.606E+00	DCF1(2)
A-1	Bi-210 (Source: FGR 12)	3.606E-03	3.606E-03	DCF1(3)
A-1	Bi-214 (Source: FGR 12)	9.808E+00	9.808E+00	DCF1(4)
A-1	Cs-137 (Source: FGR 12)	7.510E-04	7.510E-04	DCF1(5)
A-1	H-3 (Source: FGR 12)	0.000E+00	0.000E+00	DCF1(6)
A-1	Pa-234 (Source: FGR 12)	1.155E+01	1.155E+01	DCF1(7)
A-1	Pa-234m (Source: FGR 12)	8.967E-02	8.967E-02	DCF1(8)
A-1	Pb-210 (Source: FGR 12)	2.447E-03	2.447E-03	DCF1(9)
A-1	Pb-214 (Source: FGR 12)	1.341E+00	1.341E+00	DCF1(10)
A-1	Po-210 (Source: FGR 12)	5.231E-05	5.231E-05	DCF1(11)
A-1	Po-214 (Source: FGR 12)	5.138E-04	5.138E-04	DCF1(12)
A-1	Po-218 (Source: FGR 12)	5.642E-05	5.642E-05	DCF1(13)
A-1	Ra-226 (Source: FGR 12)	3.176E-02	3.176E-02	DCF1(14)
A-1	Rn-222 (Source: FGR 12)	2.354E-03	2.354E-03	DCF1(15)
A-1	Sr-90 (Source: FGR 12)	7.043E-04	7.043E-04	DCF1(16)
A-1	Th-230 (Source: FGR 12)	1.209E-03	1.209E-03	DCF1(17)
A-1	Th-234 (Source: FGR 12)	2.410E-02	2.410E-02	DCF1(18)
A-1	Tl-210 (Source: no data)	0.000E+00	-2.000E+00	DCF1(19)
A-1	U-234 (Source: FGR 12)	4.017E-04	4.017E-04	DCF1(20)
A-1	U-238 (Source: FGR 12)	1.031E-04	1.031E-04	DCF1(21)
A-1	Y-90 (Source: FGR 12)	2.391E-02	2.391E-02	DCF1(22)
B-1	Dose conversion factors for inhalation, mrem/pCi:			
B-1	Cs-137+D	3.190E-05	3.190E-05	DCF2(1)
B-1	H-3	6.400E-08	6.400E-08	DCF2(2)
B-1	Pb-210+D	2.320E-02	1.360E-02	DCF2(3)
B-1	Ra-226+D	8.594E-03	8.580E-03	DCF2(4)
B-1	Sr-90+D	1.308E-03	1.300E-03	DCF2(5)
B-1	Th-230	3.260E-01	3.260E-01	DCF2(6)
B-1	U-234	1.320E-01	1.320E-01	DCF2(7)
B-1	U-238	1.180E-01	1.180E-01	DCF2(8)
B-1	U-238+D	1.180E-01	1.180E-01	DCF2(9)
D-1	Dose conversion factors for ingestion, mrem/pCi:			
D-1	Cs-137+D	5.000E-05	5.000E-05	DCF3(1)
D-1	H-3	6.400E-08	6.400E-08	DCF3(2)
D-1	Pb-210+D	7.276E-03	5.370E-03	DCF3(3)
D-1	Ra-226+D	1.321E-03	1.320E-03	DCF3(4)
D-1	Sr-90+D	1.528E-04	1.420E-04	DCF3(5)
D-1	Th-230	5.480E-04	5.480E-04	DCF3(6)
D-1	U-234	2.830E-04	2.830E-04	DCF3(7)
D-1	U-238	2.550E-04	2.550E-04	DCF3(8)
D-1	U-238+D	2.687E-04	2.550E-04	DCF3(9)
D-34	Food transfer factors:			
D-34	Cs-137+D , plant/soil concentration ratio, dimensionless	4.000E-02	4.000E-02	RTF(1,1)
D-34	Cs-137+D , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	3.000E-02	3.000E-02	RTF(1,2)
D-34	Cs-137+D , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	8.000E-03	8.000E-03	RTF(1,3)

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Dose Conversion Factor (and Related) Parameter Summary (continued)
Dose Library: FGR 11

Menu	Parameter	Current Value#	Base Case*	Parameter Name
D-34	H-3 , plant/soil concentration ratio, dimensionless	4.800E+00	4.800E+00	RTF(2,1)
D-34	H-3 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	1.200E-02	1.200E-02	RTF(2,2)
D-34	H-3 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	1.000E-02	1.000E-02	RTF(2,3)
D-34				
D-34	Pb-210+D , plant/soil concentration ratio, dimensionless	1.000E-02	1.000E-02	RTF(3,1)
D-34	Pb-210+D , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	8.000E-04	8.000E-04	RTF(3,2)
D-34	Pb-210+D , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	3.000E-04	3.000E-04	RTF(3,3)
D-34				
D-34	Ra-226+D , plant/soil concentration ratio, dimensionless	4.000E-02	4.000E-02	RTF(4,1)
D-34	Ra-226+D , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	1.000E-03	1.000E-03	RTF(4,2)
D-34	Ra-226+D , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	1.000E-03	1.000E-03	RTF(4,3)
D-34				
D-34	Sr-90+D , plant/soil concentration ratio, dimensionless	3.000E-01	3.000E-01	RTF(5,1)
D-34	Sr-90+D , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	8.000E-03	8.000E-03	RTF(5,2)
D-34	Sr-90+D , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	2.000E-03	2.000E-03	RTF(5,3)
D-34				
D-34	Th-230 , plant/soil concentration ratio, dimensionless	1.000E-03	1.000E-03	RTF(6,1)
D-34	Th-230 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	1.000E-04	1.000E-04	RTF(6,2)
D-34	Th-230 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	5.000E-06	5.000E-06	RTF(6,3)
D-34				
D-34	U-234 , plant/soil concentration ratio, dimensionless	2.500E-03	2.500E-03	RTF(7,1)
D-34	U-234 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	3.400E-04	3.400E-04	RTF(7,2)
D-34	U-234 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	6.000E-04	6.000E-04	RTF(7,3)
D-34				
D-34	U-238 , plant/soil concentration ratio, dimensionless	2.500E-03	2.500E-03	RTF(8,1)
D-34	U-238 , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	3.400E-04	3.400E-04	RTF(8,2)
D-34	U-238 , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	6.000E-04	6.000E-04	RTF(8,3)
D-34				
D-34	U-238+D , plant/soil concentration ratio, dimensionless	2.500E-03	2.500E-03	RTF(9,1)
D-34	U-238+D , beef/livestock-intake ratio, (pCi/kg)/(pCi/d)	3.400E-04	3.400E-04	RTF(9,2)
D-34	U-238+D , milk/livestock-intake ratio, (pCi/L)/(pCi/d)	6.000E-04	6.000E-04	RTF(9,3)
D-5	Bioaccumulation factors, fresh water, L/kg:			
D-5	Cs-137+D , fish	2.000E+03	2.000E+03	BIOFAC(1,1)
D-5	Cs-137+D , crustacea and mollusks	1.000E+02	1.000E+02	BIOFAC(1,2)
D-5				
D-5	H-3 , fish	1.000E+00	1.000E+00	BIOFAC(2,1)
D-5	H-3 , crustacea and mollusks	1.000E+00	1.000E+00	BIOFAC(2,2)
D-5				
D-5	Pb-210+D , fish	3.000E+02	3.000E+02	BIOFAC(3,1)
D-5	Pb-210+D , crustacea and mollusks	1.000E+02	1.000E+02	BIOFAC(3,2)
D-5				
D-5	Ra-226+D , fish	5.000E+01	5.000E+01	BIOFAC(4,1)
D-5	Ra-226+D , crustacea and mollusks	2.500E+02	2.500E+02	BIOFAC(4,2)
D-5				
D-5	Sr-90+D , fish	6.000E+01	6.000E+01	BIOFAC(5,1)
D-5	Sr-90+D , crustacea and mollusks	1.000E+02	1.000E+02	BIOFAC(5,2)
D-5				
D-5	Th-230 , fish	1.000E+02	1.000E+02	BIOFAC(6,1)
D-5	Th-230 , crustacea and mollusks	5.000E+02	5.000E+02	BIOFAC(6,2)

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Dose Conversion Factor (and Related) Parameter Summary (continued)
Dose Library: FGR 11

Menu	Parameter	Current Value#	Base Case*	Parameter Name
D-5	U-234 , fish	1.000E+01	1.000E+01	BIOFAC(7,1)
D-5	U-234 , crustacea and mollusks	6.000E+01	6.000E+01	BIOFAC(7,2)
D-5				
D-5	U-238 , fish	1.000E+01	1.000E+01	BIOFAC(8,1)
D-5	U-238 , crustacea and mollusks	6.000E+01	6.000E+01	BIOFAC(8,2)
D-5				
D-5	U-238+D , fish	1.000E+01	1.000E+01	BIOFAC(9,1)
D-5	U-238+D , crustacea and mollusks	6.000E+01	6.000E+01	BIOFAC(9,2)

#For DCF1(xxx) only, factors are for infinite depth & area. See ETFG table in Ground Pathway of Detailed Report.
*Base Case means Default.Lib w/o Associate Nuclide contributions.

Summary : IR/FSS_M0003_Res_Avg Bkgd Subtract

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Site-Specific Parameter Summary

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R011	Area of contaminated zone (m**2)	1.000E+00	1.000E+04	---	AREA
R011	Thickness of contaminated zone (m)	2.000E+00	2.000E+00	---	THICK0
R011	Fraction of contamination that is submerged	0.000E+00	0.000E+00	---	SUBMFRACT
R011	Length parallel to aquifer flow (m)	1.000E+00	1.000E+02	---	LCZPAQ
R011	Basic radiation dose limit (mrem/yr)	2.500E+01	3.000E+01	---	BRDL
R011	Time since placement of material (yr)	0.000E+00	0.000E+00	---	TI
R011	Times for calculations (yr)	1.000E+00	1.000E+00	---	T(2)
R011	Times for calculations (yr)	5.000E+00	3.000E+00	---	T(3)
R011	Times for calculations (yr)	1.000E+01	1.000E+01	---	T(4)
R011	Times for calculations (yr)	5.000E+01	3.000E+01	---	T(5)
R011	Times for calculations (yr)	1.000E+02	1.000E+02	---	T(6)
R011	Times for calculations (yr)	5.000E+02	3.000E+02	---	T(7)
R011	Times for calculations (yr)	1.000E+03	1.000E+03	---	T(8)
R011	Times for calculations (yr)	not used	0.000E+00	---	T(9)
R011	Times for calculations (yr)	not used	0.000E+00	---	T(10)
R012	Initial principal radionuclide (pCi/g): Cs-137	1.790E+01	0.000E+00	---	S1(1)
R012	Initial principal radionuclide (pCi/g): H-3	5.950E+01	0.000E+00	---	S1(2)
R012	Initial principal radionuclide (pCi/g): Pb-210	1.190E-01	0.000E+00	---	S1(3)
R012	Initial principal radionuclide (pCi/g): Ra-226	1.190E-01	0.000E+00	---	S1(4)
R012	Initial principal radionuclide (pCi/g): Sr-90	3.270E+01	0.000E+00	---	S1(5)
R012	Initial principal radionuclide (pCi/g): Th-230	1.200E-01	0.000E+00	---	S1(6)
R012	Initial principal radionuclide (pCi/g): U-234	1.200E-01	0.000E+00	---	S1(7)
R012	Initial principal radionuclide (pCi/g): U-238	1.200E-01	0.000E+00	---	S1(8)
R012	Concentration in groundwater (pCi/L): Cs-137	not used	0.000E+00	---	W1(1)
R012	Concentration in groundwater (pCi/L): H-3	not used	0.000E+00	---	W1(2)
R012	Concentration in groundwater (pCi/L): Pb-210	not used	0.000E+00	---	W1(3)
R012	Concentration in groundwater (pCi/L): Ra-226	not used	0.000E+00	---	W1(4)
R012	Concentration in groundwater (pCi/L): Sr-90	not used	0.000E+00	---	W1(5)
R012	Concentration in groundwater (pCi/L): Th-230	not used	0.000E+00	---	W1(6)
R012	Concentration in groundwater (pCi/L): U-234	not used	0.000E+00	---	W1(7)
R012	Concentration in groundwater (pCi/L): U-238	not used	0.000E+00	---	W1(8)
R013	Cover depth (m)	0.000E+00	0.000E+00	---	COVER0
R013	Density of cover material (g/cm**3)	not used	1.500E+00	---	DENSCV
R013	Cover depth erosion rate (m/yr)	not used	1.000E-03	---	VCV
R013	Density of contaminated zone (g/cm**3)	1.660E+00	1.500E+00	---	DENSCZ
R013	Contaminated zone erosion rate (m/yr)	1.000E-03	1.000E-03	---	VCZ
R013	Contaminated zone total porosity	3.300E-01	4.000E-01	---	TPCZ
R013	Contaminated zone field capacity	2.400E-01	2.000E-01	---	FCCZ
R013	Contaminated zone hydraulic conductivity (m/yr)	5.000E+03	1.000E+01	---	HCCZ
R013	Contaminated zone b parameter	4.900E+00	5.300E+00	---	BCZ
R013	Average annual wind speed (m/sec)	6.230E+00	2.000E+00	---	WIND
R013	Humidity in air (g/m**3)	8.000E+00	8.000E+00	---	HUMID
R013	Evapotranspiration coefficient	4.600E-01	5.000E-01	---	EVAPTR
R013	Precipitation (m/yr)	1.230E+00	1.000E+00	---	PRECIP
R013	Irrigation (m/yr)	2.600E-01	2.000E-01	---	RI
R013	Irrigation mode	overhead	overhead	---	IDITCH
R013	Runoff coefficient	2.000E-01	2.000E-01	---	RUNOFF
R013	Watershed area for nearby stream or pond (m**2)	1.000E+06	1.000E+06	---	WAREA

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Site-Specific Parameter Summary (continued)

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R013	Accuracy for water/soil computations	1.000E-03	1.000E-03	Romberg failures occurred	EPS
R014	Density of saturated zone (g/cm**3)	1.660E+00	1.500E+00	---	DENSAQ
R014	Saturated zone total porosity	3.300E-01	4.000E-01	---	TPSZ
R014	Saturated zone effective porosity	2.400E-01	2.000E-01	---	EPSZ
R014	Saturated zone field capacity	2.000E-01	2.000E-01	---	FCSZ
R014	Saturated zone hydraulic conductivity (m/yr)	2.000E+04	1.000E+02	---	HCSZ
R014	Saturated zone hydraulic gradient	4.800E-03	2.000E-02	---	HGWT
R014	Saturated zone b parameter	4.900E+00	5.300E+00	---	BSZ
R014	Water table drop rate (m/yr)	1.000E-03	1.000E-03	---	VWT
R014	Well pump intake depth (m below water table)	1.800E+01	1.000E+01	---	DWIBWT
R014	Model: Nondispersion (ND) or Mass-Balance (MB)	ND	ND	---	MODEL
R014	Well pumping rate (m**3/yr)	2.500E+02	2.500E+02	---	UW
R015	Number of unsaturated zone strata	1	1	---	NS
R015	Unsat. zone 1, thickness (m)	0.000E+00	4.000E+00	---	H(1)
R015	Unsat. zone 1, soil density (g/cm**3)	1.660E+00	1.500E+00	---	DENSUZ(1)
R015	Unsat. zone 1, total porosity	3.300E-01	4.000E-01	---	TPUZ(1)
R015	Unsat. zone 1, effective porosity	2.400E-01	2.000E-01	---	EPUZ(1)
R015	Unsat. zone 1, field capacity	2.000E-01	2.000E-01	---	FCUZ(1)
R015	Unsat. zone 1, soil-specific b parameter	4.900E+00	5.300E+00	---	BUZ(1)
R015	Unsat. zone 1, hydraulic conductivity (m/yr)	5.000E+03	1.000E+01	---	HCUZ(1)
R016	Distribution coefficients for Cs-137				
R016	Contaminated zone (cm**3/g)	5.300E+02	4.600E+03	---	DCNUCC(1)
R016	Unsaturated zone 1 (cm**3/g)	5.300E+02	4.600E+03	---	DCNUCU(1,1)
R016	Saturated zone (cm**3/g)	5.300E+02	4.600E+03	---	DCNUCS(1)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	3.817E-04	ALEACH(1)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(1)
R016	Distribution coefficients for H-3				
R016	Contaminated zone (cm**3/g)	0.000E+00	0.000E+00	---	DCNUCC(2)
R016	Unsaturated zone 1 (cm**3/g)	0.000E+00	0.000E+00	---	DCNUCU(2,1)
R016	Saturated zone (cm**3/g)	0.000E+00	0.000E+00	---	DCNUCS(2)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	1.399E+00	ALEACH(2)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(2)
R016	Distribution coefficients for Pb-210				
R016	Contaminated zone (cm**3/g)	1.000E+02	1.000E+02	---	DCNUCC(3)
R016	Unsaturated zone 1 (cm**3/g)	1.000E+02	1.000E+02	---	DCNUCU(3,1)
R016	Saturated zone (cm**3/g)	1.000E+02	1.000E+02	---	DCNUCS(3)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	2.020E-03	ALEACH(3)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(3)
R016	Distribution coefficients for Ra-226				
R016	Contaminated zone (cm**3/g)	7.000E+01	7.000E+01	---	DCNUCC(4)
R016	Unsaturated zone 1 (cm**3/g)	7.000E+01	7.000E+01	---	DCNUCU(4,1)
R016	Saturated zone (cm**3/g)	7.000E+01	7.000E+01	---	DCNUCS(4)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	2.885E-03	ALEACH(4)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(4)

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Site-Specific Parameter Summary (continued)

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R016	Distribution coefficients for Sr-90				
R016	Contaminated zone (cm**3/g)	2.200E+01	3.000E+01	---	DCNUCC(5)
R016	Unsaturated zone 1 (cm**3/g)	2.200E+01	3.000E+01	---	DCNUCU(5,1)
R016	Saturated zone (cm**3/g)	2.200E+01	3.000E+01	---	DCNUCS(5)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	9.137E-03	ALEACH(5)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(5)
R016	Distribution coefficients for Th-230				
R016	Contaminated zone (cm**3/g)	6.000E+04	6.000E+04	---	DCNUCC(6)
R016	Unsaturated zone 1 (cm**3/g)	6.000E+04	6.000E+04	---	DCNUCU(6,1)
R016	Saturated zone (cm**3/g)	6.000E+04	6.000E+04	---	DCNUCS(6)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	3.372E-06	ALEACH(6)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(6)
R016	Distribution coefficients for U-234				
R016	Contaminated zone (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCC(7)
R016	Unsaturated zone 1 (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCU(7,1)
R016	Saturated zone (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCS(7)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	4.035E-03	ALEACH(7)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(7)
R016	Distribution coefficients for U-238				
R016	Contaminated zone (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCC(8)
R016	Unsaturated zone 1 (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCU(8,1)
R016	Saturated zone (cm**3/g)	5.000E+01	5.000E+01	---	DCNUCS(8)
R016	Leach rate (/yr)	0.000E+00	0.000E+00	4.035E-03	ALEACH(8)
R016	Solubility constant	0.000E+00	0.000E+00	not used	SOLUBK(8)
R017	Inhalation rate (m**3/yr)	7.300E+03	8.400E+03	---	INHALR
R017	Mass loading for inhalation (g/m**3)	1.000E-04	1.000E-04	---	MLINH
R017	Exposure duration	3.000E+01	3.000E+01	---	ED
R017	Shielding factor, inhalation	4.000E-01	4.000E-01	---	SHF3
R017	Shielding factor, external gamma	8.000E-01	7.000E-01	---	SHF1
R017	Fraction of time spent indoors	5.000E-01	5.000E-01	---	FIND
R017	Fraction of time spent outdoors (on site)	2.500E-01	2.500E-01	---	FOTD
R017	Shape factor flag, external gamma	1.000E+00	1.000E+00	>0 shows circular AREA.	FS
R017	Radii of shape factor array (used if FS = -1):				
R017	Outer annular radius (m), ring 1:	not used	5.000E+01	---	RAD_SHAPE(1)
R017	Outer annular radius (m), ring 2:	not used	7.071E+01	---	RAD_SHAPE(2)
R017	Outer annular radius (m), ring 3:	not used	0.000E+00	---	RAD_SHAPE(3)
R017	Outer annular radius (m), ring 4:	not used	0.000E+00	---	RAD_SHAPE(4)
R017	Outer annular radius (m), ring 5:	not used	0.000E+00	---	RAD_SHAPE(5)
R017	Outer annular radius (m), ring 6:	not used	0.000E+00	---	RAD_SHAPE(6)
R017	Outer annular radius (m), ring 7:	not used	0.000E+00	---	RAD_SHAPE(7)
R017	Outer annular radius (m), ring 8:	not used	0.000E+00	---	RAD_SHAPE(8)
R017	Outer annular radius (m), ring 9:	not used	0.000E+00	---	RAD_SHAPE(9)
R017	Outer annular radius (m), ring 10:	not used	0.000E+00	---	RAD_SHAPE(10)
R017	Outer annular radius (m), ring 11:	not used	0.000E+00	---	RAD_SHAPE(11)
R017	Outer annular radius (m), ring 12:	not used	0.000E+00	---	RAD_SHAPE(12)

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Site-Specific Parameter Summary (continued)

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R017	Fractions of annular areas within AREA:				
R017	Ring 1	not used	1.000E+00	---	FRACA(1)
R017	Ring 2	not used	2.732E-01	---	FRACA(2)
R017	Ring 3	not used	0.000E+00	---	FRACA(3)
R017	Ring 4	not used	0.000E+00	---	FRACA(4)
R017	Ring 5	not used	0.000E+00	---	FRACA(5)
R017	Ring 6	not used	0.000E+00	---	FRACA(6)
R017	Ring 7	not used	0.000E+00	---	FRACA(7)
R017	Ring 8	not used	0.000E+00	---	FRACA(8)
R017	Ring 9	not used	0.000E+00	---	FRACA(9)
R017	Ring 10	not used	0.000E+00	---	FRACA(10)
R017	Ring 11	not used	0.000E+00	---	FRACA(11)
R017	Ring 12	not used	0.000E+00	---	FRACA(12)
R018	Fruits, vegetables and grain consumption (kg/yr)	1.600E+02	1.600E+02	---	DIET(1)
R018	Leafy vegetable consumption (kg/yr)	1.400E+01	1.400E+01	---	DIET(2)
R018	Milk consumption (L/yr)	not used	9.200E+01	---	DIET(3)
R018	Meat and poultry consumption (kg/yr)	not used	6.300E+01	---	DIET(4)
R018	Fish consumption (kg/yr)	not used	5.400E+00	---	DIET(5)
R018	Other seafood consumption (kg/yr)	not used	9.000E-01	---	DIET(6)
R018	Soil ingestion rate (g/yr)	4.380E+01	3.650E+01	---	SOIL
R018	Drinking water intake (L/yr)	7.000E+02	5.100E+02	---	DWI
R018	Contamination fraction of drinking water	1.000E+00	1.000E+00	---	FDW
R018	Contamination fraction of household water	not used	1.000E+00	---	FHHW
R018	Contamination fraction of livestock water	not used	1.000E+00	---	FLW
R018	Contamination fraction of irrigation water	1.000E+00	1.000E+00	---	FIRW
R018	Contamination fraction of aquatic food	not used	5.000E-01	---	FR9
R018	Contamination fraction of plant food	-1	-1	0.500E-03	FPLANT
R018	Contamination fraction of meat	not used	-1	---	FMEAT
R018	Contamination fraction of milk	not used	-1	---	FMILK
R019	Livestock fodder intake for meat (kg/day)	not used	6.800E+01	---	LFI5
R019	Livestock fodder intake for milk (kg/day)	not used	5.500E+01	---	LFI6
R019	Livestock water intake for meat (L/day)	not used	5.000E+01	---	LWI5
R019	Livestock water intake for milk (L/day)	not used	1.600E+02	---	LWI6
R019	Livestock soil intake (kg/day)	not used	5.000E-01	---	LSI
R019	Mass loading for foliar deposition (g/m**3)	1.000E-05	1.000E-04	---	MLFD
R019	Depth of soil mixing layer (m)	1.500E-01	1.500E-01	---	DM
R019	Depth of roots (m)	9.000E-01	9.000E-01	---	DROOT
R019	Drinking water fraction from ground water	1.000E+00	1.000E+00	---	FGWDW
R019	Household water fraction from ground water	not used	1.000E+00	---	FGWHH
R019	Livestock water fraction from ground water	not used	1.000E+00	---	FGWLW
R019	Irrigation fraction from ground water	1.000E+00	1.000E+00	---	FGWIR
R19B	Wet weight crop yield for Non-Leafy (kg/m**2)	7.000E-01	7.000E-01	---	YV(1)
R19B	Wet weight crop yield for Leafy (kg/m**2)	1.500E+00	1.500E+00	---	YV(2)
R19B	Wet weight crop yield for Fodder (kg/m**2)	not used	1.100E+00	---	YV(3)
R19B	Growing Season for Non-Leafy (years)	1.700E-01	1.700E-01	---	TE(1)
R19B	Growing Season for Leafy (years)	2.500E-01	2.500E-01	---	TE(2)
R19B	Growing Season for Fodder (years)	not used	8.000E-02	---	TE(3)

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Site-Specific Parameter Summary (continued)

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
R19B	Translocation Factor for Non-Leafy	1.000E-01	1.000E-01	---	TIV(1)
R19B	Translocation Factor for Leafy	1.000E+00	1.000E+00	---	TIV(2)
R19B	Translocation Factor for Fodder	not used	1.000E+00	---	TIV(3)
R19B	Dry Foliar Interception Fraction for Non-Leafy	2.500E-01	2.500E-01	---	RDRY(1)
R19B	Dry Foliar Interception Fraction for Leafy	2.500E-01	2.500E-01	---	RDRY(2)
R19B	Dry Foliar Interception Fraction for Fodder	not used	2.500E-01	---	RDRY(3)
R19B	Wet Foliar Interception Fraction for Non-Leafy	2.500E-01	2.500E-01	---	RWET(1)
R19B	Wet Foliar Interception Fraction for Leafy	2.500E-01	2.500E-01	---	RWET(2)
R19B	Wet Foliar Interception Fraction for Fodder	not used	2.500E-01	---	RWET(3)
R19B	Weathering Removal Constant for Vegetation	2.000E+01	2.000E+01	---	WLAM
C14	C-12 concentration in water (g/cm**3)	not used	2.000E-05	---	C12WTR
C14	C-12 concentration in contaminated soil (g/g)	not used	3.000E-02	---	C12CZ
C14	Fraction of vegetation carbon from soil	not used	2.000E-02	---	CSOIL
C14	Fraction of vegetation carbon from air	not used	9.800E-01	---	CAIR
C14	C-14 evasion layer thickness in soil (m)	not used	3.000E-01	---	DMC
C14	C-14 evasion flux rate from soil (1/sec)	not used	7.000E-07	---	EVSN
C14	C-12 evasion flux rate from soil (1/sec)	not used	1.000E-10	---	REVSN
C14	Fraction of grain in beef cattle feed	not used	8.000E-01	---	AVFG4
C14	Fraction of grain in milk cow feed	not used	2.000E-01	---	AVFG5
STOR	Storage times of contaminated foodstuffs (days):				
STOR	Fruits, non-leafy vegetables, and grain	1.400E+01	1.400E+01	---	STOR_T(1)
STOR	Leafy vegetables	1.000E+00	1.000E+00	---	STOR_T(2)
STOR	Milk	1.000E+00	1.000E+00	---	STOR_T(3)
STOR	Meat and poultry	2.000E+01	2.000E+01	---	STOR_T(4)
STOR	Fish	7.000E+00	7.000E+00	---	STOR_T(5)
STOR	Crustacea and mollusks	7.000E+00	7.000E+00	---	STOR_T(6)
STOR	Well water	1.000E+00	1.000E+00	---	STOR_T(7)
STOR	Surface water	1.000E+00	1.000E+00	---	STOR_T(8)
STOR	Livestock fodder	4.500E+01	4.500E+01	---	STOR_T(9)
R021	Thickness of building foundation (m)	not used	1.500E-01	---	FLOOR1
R021	Bulk density of building foundation (g/cm**3)	not used	2.400E+00	---	DENSFL
R021	Total porosity of the cover material	not used	4.000E-01	---	TPCV
R021	Total porosity of the building foundation	not used	1.000E-01	---	TPFL
R021	Volumetric water content of the cover material	not used	5.000E-02	---	PH2OCV
R021	Volumetric water content of the foundation	not used	3.000E-02	---	PH2OFL
R021	Diffusion coefficient for radon gas (m/sec):				
R021	in cover material	not used	2.000E-06	---	DIFCV
R021	in foundation material	not used	3.000E-07	---	DIFFL
R021	in contaminated zone soil	not used	2.000E-06	---	DIFCZ
R021	Radon vertical dimension of mixing (m)	not used	2.000E+00	---	HMIX
R021	Average building air exchange rate (1/hr)	not used	5.000E-01	---	REXG
R021	Height of the building (room) (m)	not used	2.500E+00	---	HRM
R021	Building interior area factor	not used	0.000E+00	---	FAI
R021	Building depth below ground surface (m)	not used	-1.000E+00	---	DMFL
R021	Emanating power of Rn-222 gas	not used	2.500E-01	---	EMANA(1)
R021	Emanating power of Rn-220 gas	not used	1.500E-01	---	EMANA(2)
TITL	Number of graphical time points	32	---	---	NPTS

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Site-Specific Parameter Summary (continued)

Menu	Parameter	User Input	Default	Used by RESRAD (If different from user input)	Parameter Name
TITL	Maximum number of integration points for dose	17	---	---	LYMAX
TITL	Maximum number of integration points for risk	257	---	---	KYMAX

Summary of Pathway Selections

Pathway	User Selection
1 -- external gamma	active
2 -- inhalation (w/o radon)	active
3 -- plant ingestion	active
4 -- meat ingestion	suppressed
5 -- milk ingestion	suppressed
6 -- aquatic foods	suppressed
7 -- drinking water	active
8 -- soil ingestion	active
9 -- radon	suppressed
Find peak pathway doses	suppressed

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Contaminated Zone Dimensions		Initial Soil Concentrations, pCi/g	
Area:	1.00 square meters	Cs-137	1.790E+01
Thickness:	2.00 meters	H-3	5.950E+01
Cover Depth:	0.00 meters	Pb-210	1.190E-01
		Ra-226	1.190E-01
		Sr-90	3.270E+01
		Th-230	1.200E-01
		U-234	1.200E-01
		U-238	1.200E-01

Total Dose TDOSE(t), mrem/yr
Basic Radiation Dose Limit = 2.500E+01 mrem/yr
Total Mixture Sum M(t) = Fraction of Basic Dose Limit Received at Time (t)

t (years):	0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
TDOSE(t):	4.334E+00	4.240E+00	3.859E+00	3.432E+00	1.365E+00	4.612E-01	2.720E-02	1.475E-02
M(t):	1.733E-01	1.696E-01	1.544E-01	1.373E-01	5.460E-02	1.845E-02	1.088E-03	5.901E-04

Maximum TDOSE(t): 4.334E+00 mrem/yr at t = 0.000E+00 years

Summary : IR/FSS_M0003_Res_Avg Bkgd Subtract
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Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 0.000E+00 years

Water Independent Pathways (Inhalation excludes radon)

	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Radio-														
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Cs-137	4.005E+00	0.9241	4.269E-06	0.0000	0.000E+00	0.0000	3.078E-03	0.0007	0.000E+00	0.0000	0.000E+00	0.0000	2.906E-05	0.0000
H-3	0.000E+00	0.0000	5.522E-05	0.0000	0.000E+00	0.0000	6.832E-04	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	4.387E-08	0.0000
Pb-210	5.405E-05	0.0000	2.054E-05	0.0000	0.000E+00	0.0000	7.410E-04	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	2.798E-05	0.0000
Ra-226	8.563E-02	0.0198	8.045E-06	0.0000	0.000E+00	0.0000	5.598E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	5.592E-06	0.0000
Sr-90	5.216E-02	0.0120	3.184E-04	0.0001	0.000E+00	0.0000	1.283E-01	0.0296	0.000E+00	0.0000	0.000E+00	0.0000	1.615E-04	0.0000
Th-230	2.983E-05	0.0000	2.959E-04	0.0001	0.000E+00	0.0000	5.836E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.161E-06	0.0000
U-234	3.862E-06	0.0000	1.196E-04	0.0000	0.000E+00	0.0000	7.372E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.113E-06	0.0000
U-238	1.232E-03	0.0003	1.069E-04	0.0000	0.000E+00	0.0000	7.000E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.057E-06	0.0000
Total	4.144E+00	0.9562	9.289E-04	0.0002	0.000E+00	0.0000	1.334E-01	0.0308	0.000E+00	0.0000	0.000E+00	0.0000	2.285E-04	0.0001

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 0.000E+00 years

Water Dependent Pathways

	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Radio-														
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Cs-137	1.511E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.864E-11	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.008E+00	0.9248
H-3	2.480E-03	0.0006	0.000E+00	0.0000	0.000E+00	0.0000	3.304E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.219E-03	0.0007
Pb-210	7.452E-04	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	5.122E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.589E-03	0.0004
Ra-226	3.196E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	2.227E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.652E-02	0.0200
Sr-90	5.146E-02	0.0119	0.000E+00	0.0000	0.000E+00	0.0000	3.957E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.324E-01	0.0536
Th-230	4.006E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.689E-12	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.338E-04	0.0001
U-234	1.198E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.387E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.518E-04	0.0001
U-238	1.138E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.964E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.461E-03	0.0003
Total	5.524E-02	0.0127	0.000E+00	0.0000	0.000E+00	0.0000	4.377E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.334E+00	1.0000

*Sum of all water independent and dependent pathways.

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Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+00 years

Water Independent Pathways (Inhalation excludes radon)

	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Radio-														
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Cs-137	3.912E+00	0.9225	4.170E-06	0.0000	0.000E+00	0.0000	3.007E-03	0.0007	0.000E+00	0.0000	0.000E+00	0.0000	2.838E-05	0.0000
H-3	0.000E+00	0.0000	3.898E-06	0.0000	0.000E+00	0.0000	4.976E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.097E-09	0.0000
Pb-210	5.229E-05	0.0000	1.987E-05	0.0000	0.000E+00	0.0000	7.169E-04	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	2.707E-05	0.0000
Ra-226	8.535E-02	0.0201	8.645E-06	0.0000	0.000E+00	0.0000	5.810E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	6.427E-06	0.0000
Sr-90	5.047E-02	0.0119	3.081E-04	0.0001	0.000E+00	0.0000	1.242E-01	0.0293	0.000E+00	0.0000	0.000E+00	0.0000	1.562E-04	0.0000
Th-230	6.717E-05	0.0000	2.959E-04	0.0001	0.000E+00	0.0000	6.084E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.164E-06	0.0000
U-234	3.846E-06	0.0000	1.191E-04	0.0000	0.000E+00	0.0000	7.343E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.109E-06	0.0000
U-238	1.227E-03	0.0003	1.065E-04	0.0000	0.000E+00	0.0000	6.972E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.053E-06	0.0000
Total	4.049E+00	0.9548	8.662E-04	0.0002	0.000E+00	0.0000	1.285E-01	0.0303	0.000E+00	0.0000	0.000E+00	0.0000	2.224E-04	0.0001

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+00 years

Water Dependent Pathways

	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Radio-														
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Cs-137	4.503E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.862E-10	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.915E+00	0.9232
H-3	2.042E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.769E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.579E-04	0.0001
Pb-210	2.027E-03	0.0005	0.000E+00	0.0000	0.000E+00	0.0000	1.459E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.843E-03	0.0007
Ra-226	7.121E-04	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	5.232E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.665E-02	0.0204
Sr-90	5.851E-02	0.0138	0.000E+00	0.0000	0.000E+00	0.0000	4.595E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.336E-01	0.0551
Th-230	2.570E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.833E-11	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.716E-04	0.0001
U-234	1.834E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.337E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.148E-04	0.0001
U-238	1.742E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.269E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.516E-03	0.0004
Total	6.182E-02	0.0146	0.000E+00	0.0000	0.000E+00	0.0000	4.847E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.240E+00	1.0000

*Sum of all water independent and dependent pathways.

Summary : IR/FSS_M0003_Res_Avg Bkgd Subtract
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Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+00 years

Water Independent Pathways (Inhalation excludes radon)

	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Radio-														
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Cs-137	3.561E+00	0.9227	3.796E-06	0.0000	0.000E+00	0.0000	2.737E-03	0.0007	0.000E+00	0.0000	0.000E+00	0.0000	2.584E-05	0.0000
H-3	0.000E+00	0.0000	9.566E-11	0.0000	0.000E+00	0.0000	1.221E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.600E-14	0.0000
Pb-210	4.581E-05	0.0000	1.741E-05	0.0000	0.000E+00	0.0000	6.280E-04	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	2.371E-05	0.0000
Ra-226	8.423E-02	0.0218	1.083E-05	0.0000	0.000E+00	0.0000	6.562E-04	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	9.473E-06	0.0000
Sr-90	4.424E-02	0.0115	2.701E-04	0.0001	0.000E+00	0.0000	1.088E-01	0.0282	0.000E+00	0.0000	0.000E+00	0.0000	1.369E-04	0.0000
Th-230	2.153E-04	0.0001	2.959E-04	0.0001	0.000E+00	0.0000	7.166E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.178E-06	0.0000
U-234	3.790E-06	0.0000	1.172E-04	0.0000	0.000E+00	0.0000	7.225E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.091E-06	0.0000
U-238	1.207E-03	0.0003	1.048E-04	0.0000	0.000E+00	0.0000	6.860E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.036E-06	0.0000
Total	3.691E+00	0.9563	8.200E-04	0.0002	0.000E+00	0.0000	1.129E-01	0.0292	0.000E+00	0.0000	0.000E+00	0.0000	2.003E-04	0.0001

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+00 years

Water Dependent Pathways

	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Radio-														
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Cs-137	1.561E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.024E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.564E+00	0.9234
H-3	5.015E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.803E-13	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.333E-09	0.0000
Pb-210	1.964E-03	0.0005	0.000E+00	0.0000	0.000E+00	0.0000	1.434E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.679E-03	0.0007
Ra-226	9.646E-04	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	7.083E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.587E-02	0.0222
Sr-90	5.127E-02	0.0133	0.000E+00	0.0000	0.000E+00	0.0000	4.026E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.048E-01	0.0531
Th-230	1.577E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.153E-10	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.222E-04	0.0001
U-234	1.804E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.315E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.097E-04	0.0001
U-238	1.713E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.248E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.491E-03	0.0004
Total	5.456E-02	0.0141	0.000E+00	0.0000	0.000E+00	0.0000	4.267E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.859E+00	1.0000

*Sum of all water independent and dependent pathways.

Summary : IR/FSS_M0003_Res_Avg Bkgd Subtract
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Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+01 years

Water Independent Pathways (Inhalation excludes radon)

	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Radio-														
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Cs-137	3.166E+00	0.9226	3.376E-06	0.0000	0.000E+00	0.0000	2.434E-03	0.0007	0.000E+00	0.0000	0.000E+00	0.0000	2.298E-05	0.0000
H-3	0.000E+00	0.0000	1.608E-16	0.0000	0.000E+00	0.0000	2.054E-15	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.278E-19	0.0000
Pb-210	3.882E-05	0.0000	1.475E-05	0.0000	0.000E+00	0.0000	5.322E-04	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	2.009E-05	0.0000
Ra-226	8.285E-02	0.0241	1.312E-05	0.0000	0.000E+00	0.0000	7.346E-04	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	1.268E-05	0.0000
Sr-90	3.752E-02	0.0109	2.290E-04	0.0001	0.000E+00	0.0000	9.231E-02	0.0269	0.000E+00	0.0000	0.000E+00	0.0000	1.161E-04	0.0000
Th-230	3.978E-04	0.0001	2.960E-04	0.0001	0.000E+00	0.0000	8.688E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.202E-06	0.0000
U-234	3.728E-06	0.0000	1.149E-04	0.0000	0.000E+00	0.0000	7.081E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.069E-06	0.0000
U-238	1.183E-03	0.0003	1.027E-04	0.0000	0.000E+00	0.0000	6.724E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.015E-06	0.0000
Total	3.288E+00	0.9581	7.738E-04	0.0002	0.000E+00	0.0000	9.604E-02	0.0280	0.000E+00	0.0000	0.000E+00	0.0000	1.762E-04	0.0001

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+01 years

Water Dependent Pathways

	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Radio-														
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Cs-137	2.668E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.852E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.169E+00	0.9233
H-3	8.443E-15	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.145E-18	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.066E-14	0.0000
Pb-210	1.664E-03	0.0005	0.000E+00	0.0000	0.000E+00	0.0000	1.215E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.270E-03	0.0007
Ra-226	1.227E-03	0.0004	0.000E+00	0.0000	0.000E+00	0.0000	8.998E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.483E-02	0.0247
Sr-90	4.345E-02	0.0127	0.000E+00	0.0000	0.000E+00	0.0000	3.412E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.736E-01	0.0506
Th-230	3.772E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.763E-10	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.084E-04	0.0002
U-234	1.767E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	1.288E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.035E-04	0.0001
U-238	1.678E-04	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.223E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.461E-03	0.0004
Total	4.672E-02	0.0136	0.000E+00	0.0000	0.000E+00	0.0000	3.651E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.432E+00	1.0000

*Sum of all water independent and dependent pathways.

Summary : IR/FSS_M0003_Res_Avg Bkgd Subtract
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Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+01 years

Water Independent Pathways (Inhalation excludes radon)

	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Radio-														
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Cs-137	1.238E+00	0.9067	1.319E-06	0.0000	0.000E+00	0.0000	9.513E-04	0.0007	0.000E+00	0.0000	0.000E+00	0.0000	8.980E-06	0.0000
H-3	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Pb-210	1.033E-05	0.0000	3.924E-06	0.0000	0.000E+00	0.0000	1.416E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	5.346E-06	0.0000
Ra-226	7.258E-02	0.0532	2.088E-05	0.0000	0.000E+00	0.0000	9.819E-04	0.0007	0.000E+00	0.0000	0.000E+00	0.0000	2.389E-05	0.0000
Sr-90	1.005E-02	0.0074	6.133E-05	0.0000	0.000E+00	0.0000	2.472E-02	0.0181	0.000E+00	0.0000	0.000E+00	0.0000	3.110E-05	0.0000
Th-230	1.753E-03	0.0013	2.961E-04	0.0002	0.000E+00	0.0000	2.441E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.548E-06	0.0000
U-234	3.540E-06	0.0000	9.785E-05	0.0001	0.000E+00	0.0000	6.031E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.108E-07	0.0000
U-238	1.007E-03	0.0007	8.741E-05	0.0001	0.000E+00	0.0000	5.722E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.641E-07	0.0000
Total	1.323E+00	0.9692	5.688E-04	0.0004	0.000E+00	0.0000	2.683E-02	0.0197	0.000E+00	0.0000	0.000E+00	0.0000	7.364E-05	0.0001

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+01 years

Water Dependent Pathways

	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Radio-														
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Cs-137	5.111E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.716E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.239E+00	0.9074
H-3	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Pb-210	4.418E-04	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	3.225E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.030E-04	0.0004
Ra-226	2.128E-03	0.0016	0.000E+00	0.0000	0.000E+00	0.0000	1.557E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.573E-02	0.0555
Sr-90	1.158E-02	0.0085	0.000E+00	0.0000	0.000E+00	0.0000	9.093E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.644E-02	0.0340
Th-230	3.318E-05	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.429E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.110E-03	0.0015
U-234	1.498E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	1.091E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.581E-04	0.0002
U-238	1.423E-04	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	1.037E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.243E-03	0.0009
Total	1.453E-02	0.0106	0.000E+00	0.0000	0.000E+00	0.0000	1.125E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.365E+00	1.0000

*Sum of all water independent and dependent pathways.

Summary : IR/FSS_M0003_Res_Avg Bkgd Subtract
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Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+02 years

Water Independent Pathways (Inhalation excludes radon)

	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Radio-														
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Cs-137	3.824E-01	0.8292	4.077E-07	0.0000	0.000E+00	0.0000	2.940E-04	0.0006	0.000E+00	0.0000	0.000E+00	0.0000	2.775E-06	0.0000
H-3	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Pb-210	1.973E-06	0.0000	7.498E-07	0.0000	0.000E+00	0.0000	2.705E-05	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	1.021E-06	0.0000
Ra-226	6.149E-02	0.1333	2.037E-05	0.0000	0.000E+00	0.0000	9.288E-04	0.0020	0.000E+00	0.0000	0.000E+00	0.0000	2.390E-05	0.0001
Sr-90	1.935E-03	0.0042	1.181E-05	0.0000	0.000E+00	0.0000	4.761E-03	0.0103	0.000E+00	0.0000	0.000E+00	0.0000	5.991E-06	0.0000
Th-230	3.213E-03	0.0070	2.964E-04	0.0006	0.000E+00	0.0000	4.555E-05	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	3.080E-06	0.0000
U-234	3.923E-06	0.0000	8.008E-05	0.0002	0.000E+00	0.0000	4.943E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.454E-07	0.0000
U-238	8.228E-04	0.0018	7.145E-05	0.0002	0.000E+00	0.0000	4.677E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.063E-07	0.0000
Total	4.499E-01	0.9754	4.813E-04	0.0010	0.000E+00	0.0000	6.066E-03	0.0132	0.000E+00	0.0000	0.000E+00	0.0000	3.822E-05	0.0001

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+02 years

Water Dependent Pathways

	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Radio-														
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Cs-137	3.202E-05	0.0001	0.000E+00	0.0000	0.000E+00	0.0000	2.342E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.828E-01	0.8299
H-3	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Pb-210	8.415E-05	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	6.144E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.150E-04	0.0002
Ra-226	2.097E-03	0.0045	0.000E+00	0.0000	0.000E+00	0.0000	1.534E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.456E-02	0.1400
Sr-90	2.215E-03	0.0048	0.000E+00	0.0000	0.000E+00	0.0000	1.740E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	8.930E-03	0.0194
Th-230	7.621E-05	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	5.576E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.634E-03	0.0079
U-234	1.218E-04	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	8.873E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.115E-04	0.0005
U-238	1.157E-04	0.0003	0.000E+00	0.0000	0.000E+00	0.0000	8.428E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.015E-03	0.0022
Total	4.742E-03	0.0103	0.000E+00	0.0000	0.000E+00	0.0000	3.587E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	4.612E-01	1.0000

*Sum of all water independent and dependent pathways.

Summary : IR/FSS_M0003_Res_Avg Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\IR_FSS_M0003_RESIDENTIAL_BKGD SUBTRACT.RAD

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+02 years

Water Independent Pathways (Inhalation excludes radon)

	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Radio-														
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Cs-137	3.181E-05	0.0012	3.391E-11	0.0000	0.000E+00	0.0000	2.445E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.308E-10	0.0000
H-3	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Pb-210	3.504E-12	0.0000	1.331E-12	0.0000	0.000E+00	0.0000	4.804E-11	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.814E-12	0.0000
Ra-226	1.631E-02	0.5996	5.611E-06	0.0002	0.000E+00	0.0000	2.538E-04	0.0093	0.000E+00	0.0000	0.000E+00	0.0000	6.622E-06	0.0002
Sr-90	3.668E-09	0.0000	2.239E-11	0.0000	0.000E+00	0.0000	9.025E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.136E-11	0.0000
Th-230	9.128E-03	0.3356	2.970E-04	0.0109	0.000E+00	0.0000	1.373E-04	0.0050	0.000E+00	0.0000	0.000E+00	0.0000	5.459E-06	0.0002
U-234	1.423E-05	0.0005	1.645E-05	0.0006	0.000E+00	0.0000	1.184E-06	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.568E-07	0.0000
U-238	1.638E-04	0.0060	1.424E-05	0.0005	0.000E+00	0.0000	9.324E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.408E-07	0.0000
Total	2.565E-02	0.9429	3.333E-04	0.0123	0.000E+00	0.0000	3.933E-04	0.0145	0.000E+00	0.0000	0.000E+00	0.0000	1.238E-05	0.0005

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 5.000E+02 years

Water Dependent Pathways

	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Radio-														
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Cs-137	4.288E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.155E-13	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.184E-05	0.0012
H-3	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Pb-210	1.433E-10	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.046E-14	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.980E-10	0.0000
Ra-226	5.450E-04	0.0200	0.000E+00	0.0000	0.000E+00	0.0000	3.986E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.712E-02	0.6294
Sr-90	3.876E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.044E-13	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.660E-08	0.0000
Th-230	2.248E-04	0.0083	0.000E+00	0.0000	0.000E+00	0.0000	1.644E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	9.792E-03	0.3600
U-234	2.304E-05	0.0008	0.000E+00	0.0000	0.000E+00	0.0000	1.679E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	5.506E-05	0.0020
U-238	2.158E-05	0.0008	0.000E+00	0.0000	0.000E+00	0.0000	1.573E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.007E-04	0.0074
Total	8.144E-04	0.0299	0.000E+00	0.0000	0.000E+00	0.0000	5.956E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.720E-02	1.0000

*Sum of all water independent and dependent pathways.

Summary : IR/FSS_M0003_Res_Avg Bkgd Subtract
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Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+03 years

Water Independent Pathways (Inhalation excludes radon)

	Ground		Inhalation		Radon		Plant		Meat		Milk		Soil	
Radio-														
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Cs-137	2.526E-10	0.0000	2.693E-16	0.0000	0.000E+00	0.0000	1.942E-13	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.833E-15	0.0000
H-3	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Pb-210	2.271E-19	0.0000	8.630E-20	0.0000	0.000E+00	0.0000	3.114E-18	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.176E-19	0.0000
Ra-226	3.105E-03	0.2104	1.068E-06	0.0001	0.000E+00	0.0000	4.832E-05	0.0033	0.000E+00	0.0000	0.000E+00	0.0000	1.261E-06	0.0001
Sr-90	2.580E-16	0.0000	1.575E-18	0.0000	0.000E+00	0.0000	6.347E-16	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	7.986E-19	0.0000
Th-230	1.080E-02	0.7323	2.957E-04	0.0200	0.000E+00	0.0000	1.634E-04	0.0111	0.000E+00	0.0000	0.000E+00	0.0000	6.129E-06	0.0004
U-234	2.206E-05	0.0015	2.758E-06	0.0002	0.000E+00	0.0000	4.619E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.239E-08	0.0000
U-238	2.180E-05	0.0015	1.898E-06	0.0001	0.000E+00	0.0000	1.244E-07	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.876E-08	0.0000
Total	1.395E-02	0.9457	3.015E-04	0.0204	0.000E+00	0.0000	2.123E-04	0.0144	0.000E+00	0.0000	0.000E+00	0.0000	7.441E-06	0.0005

Total Dose Contributions TDOSE(i,p,t) for Individual Radionuclides (i) and Pathways (p)
As mrem/yr and Fraction of Total Dose At t = 1.000E+03 years

Water Dependent Pathways

	Water		Fish		Radon		Plant		Meat		Milk		All Pathways*	
Radio-														
Nuclide	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.	mrem/yr	fract.
Cs-137	4.036E-14	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.969E-18	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.529E-10	0.0000
H-3	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	0.000E+00	0.0000
Pb-210	8.266E-18	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	6.035E-22	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.181E-17	0.0000
Ra-226	8.593E-05	0.0058	0.000E+00	0.0000	0.000E+00	0.0000	6.286E-09	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	3.241E-03	0.2197
Sr-90	2.236E-16	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.756E-20	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.119E-15	0.0000
Th-230	1.881E-04	0.0127	0.000E+00	0.0000	0.000E+00	0.0000	1.376E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.146E-02	0.7766
U-234	3.141E-06	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	2.290E-10	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.846E-05	0.0019
U-238	2.439E-06	0.0002	0.000E+00	0.0000	0.000E+00	0.0000	1.777E-10	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	2.628E-05	0.0018
Total	2.796E-04	0.0190	0.000E+00	0.0000	0.000E+00	0.0000	2.045E-08	0.0000	0.000E+00	0.0000	0.000E+00	0.0000	1.475E-02	1.0000

*Sum of all water independent and dependent pathways.

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Dose/Source Ratios Summed Over All Pathways

Parent and Progeny Principal Radionuclide Contributions Indicated

Parent (i)	Product (j)	Thread Fraction	DSR(j,t) At Time in Years (mrem/yr)/(pCi/g) 0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
Cs-137+D	Cs-137+D	1.000E+00	2.239E-01	2.187E-01	1.991E-01	1.770E-01	6.919E-02	2.138E-02	1.779E-06	1.413E-11
H-3	H-3	1.000E+00	5.410E-05	4.334E-06	1.064E-10	1.791E-16	0.000E+00	0.000E+00	0.000E+00	0.000E+00
Pb-210+D	Pb-210+D	1.000E+00	1.335E-02	2.389E-02	2.251E-02	1.908E-02	5.067E-03	9.660E-04	1.664E-09	9.925E-17
Ra-226+D	Ra-226+D	1.000E+00	7.268E-01	7.270E-01	7.174E-01	7.056E-01	6.179E-01	5.234E-01	1.388E-01	2.639E-02
Ra-226+D	Pb-210+D	1.000E+00	2.946E-04	1.227E-03	4.205E-03	7.330E-03	1.853E-02	1.911E-02	5.099E-03	8.446E-04
Ra-226+D	äDSR(j)		7.271E-01	7.282E-01	7.216E-01	7.129E-01	6.364E-01	5.425E-01	1.439E-01	2.724E-02
Sr-90+D	Sr-90+D	1.000E+00	7.108E-03	7.144E-03	6.262E-03	5.310E-03	1.420E-03	2.731E-04	5.077E-10	3.421E-17
Th-230	Th-230	1.000E+00	2.624E-03	2.624E-03	2.624E-03	2.624E-03	2.623E-03	2.621E-03	2.608E-03	2.592E-03
Th-230	Ra-226+D	1.000E+00	1.572E-04	4.721E-04	1.722E-03	3.262E-03	1.470E-02	2.700E-02	7.681E-02	9.081E-02
Th-230	Pb-210+D	1.000E+00	3.663E-08	3.436E-07	4.968E-06	1.723E-05	2.604E-04	6.591E-04	2.181E-03	2.074E-03
Th-230	äDSR(j)		2.782E-03	3.097E-03	4.352E-03	5.903E-03	1.758E-02	3.028E-02	8.160E-02	9.547E-02
U-234	U-234	1.000E+00	2.098E-03	2.624E-03	2.581E-03	2.529E-03	2.147E-03	1.749E-03	3.348E-04	4.061E-05
U-234	Th-230	1.000E+00	1.187E-08	3.545E-08	1.287E-07	2.432E-07	1.080E-06	1.952E-06	5.059E-06	5.698E-06
U-234	Ra-226+D	1.000E+00	5.094E-10	3.353E-09	4.255E-08	1.529E-07	3.207E-06	1.127E-05	1.155E-04	1.853E-04
U-234	Pb-210+D	1.000E+00	1.466E-10	2.209E-10	2.257E-10	6.366E-10	4.113E-08	2.147E-07	3.437E-06	5.534E-06
U-234	äDSR(j)		2.098E-03	2.624E-03	2.581E-03	2.529E-03	2.151E-03	1.762E-03	4.588E-04	2.371E-04
U-238	U-238	5.400E-05	1.007E-07	1.263E-07	1.242E-07	1.217E-07	1.033E-07	8.419E-08	1.613E-08	1.957E-09
U-238+D	U-238+D	9.999E-01	1.217E-02	1.263E-02	1.243E-02	1.218E-02	1.036E-02	8.460E-03	1.672E-03	2.187E-04
U-238+D	U-234	9.999E-01	3.381E-09	1.115E-08	4.024E-08	7.527E-08	3.074E-07	4.983E-07	4.754E-07	1.153E-07
U-238+D	Th-230	9.999E-01	3.340E-14	1.283E-13	1.140E-12	3.862E-12	7.586E-11	2.615E-10	2.465E-09	3.729E-09
U-238+D	Ra-226+D	9.999E-01	4.597E-11	1.048E-10	2.890E-10	5.598E-10	2.603E-09	5.460E-09	5.512E-08	1.206E-07
U-238+D	Pb-210+D	9.999E-01	1.775E-10	4.046E-10	1.115E-09	2.155E-09	9.471E-09	1.713E-08	4.535E-08	5.267E-08
U-238+D	äDSR(j)		1.217E-02	1.263E-02	1.243E-02	1.218E-02	1.036E-02	8.461E-03	1.673E-03	2.190E-04

The DSR includes contributions from associated (half-life ó 180 days) daughters.

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Single Radionuclide Soil Guidelines G(i,t) in pCi/g
Basic Radiation Dose Limit = 2.500E+01 mrem/yr

Nuclide (i)	t= 0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
Cs-137	1.117E+02	1.143E+02	1.256E+02	1.412E+02	3.613E+02	1.169E+03	1.406E+07	1.770E+12
H-3	4.621E+05	5.769E+06	2.349E+11	*9.597E+15	*9.597E+15	*9.597E+15	*9.597E+15	*9.597E+15
Pb-210	1.872E+03	1.046E+03	1.110E+03	1.311E+03	4.934E+03	2.588E+04	1.503E+10	*7.634E+13
Ra-226	3.438E+01	3.433E+01	3.465E+01	3.507E+01	3.928E+01	4.608E+01	1.738E+02	9.179E+02
Sr-90	3.517E+03	3.499E+03	3.993E+03	4.708E+03	1.760E+04	9.154E+04	4.924E+10	*1.365E+14
Th-230	8.987E+03	8.073E+03	5.745E+03	4.235E+03	1.422E+03	8.256E+02	3.064E+02	2.619E+02
U-234	1.192E+04	9.529E+03	9.685E+03	9.885E+03	1.162E+04	1.419E+04	5.449E+04	1.054E+05
U-238	2.054E+03	1.980E+03	2.012E+03	2.053E+03	2.414E+03	2.955E+03	1.495E+04	1.142E+05

*At specific activity limit

Summed Dose/Source Ratios DSR(i,t) in (mrem/yr)/(pCi/g)
and Single Radionuclide Soil Guidelines G(i,t) in pCi/g
at tmin = time of minimum single radionuclide soil guideline
and at tmax = time of maximum total dose = 0.000E+00 years

Nuclide (i)	Initial (pCi/g)	tmin (years)	DSR(i,tmin)	G(i,tmin) (pCi/g)	DSR(i,tmax)	G(i,tmax) (pCi/g)
Cs-137	1.790E+01	0.000E+00	2.239E-01	1.117E+02	2.239E-01	1.117E+02
H-3	5.950E+01	0.000E+00	5.410E-05	4.621E+05	5.410E-05	4.621E+05
Pb-210	1.190E-01	1.535 ñ 0.003	2.525E-02	9.902E+02	1.335E-02	1.872E+03
Ra-226	1.190E-01	0.718 ñ 0.001	7.284E-01	3.432E+01	7.271E-01	3.438E+01
Sr-90	3.270E+01	0.2593 ñ 0.0005	7.312E-03	3.419E+03	7.108E-03	3.517E+03
Th-230	1.200E-01	1.000E+03	9.547E-02	2.619E+02	2.782E-03	8.987E+03
U-234	1.200E-01	0.694 ñ 0.001	2.627E-03	9.517E+03	2.098E-03	1.192E+04
U-238	1.200E-01	0.694 ñ 0.001	1.264E-02	1.977E+03	1.217E-02	2.054E+03

Summary : IR/FSS_M0003_Res_Avg Bkgd Subtract
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Individual Nuclide Dose Summed Over All Pathways
Parent Nuclide and Branch Fraction Indicated

Nuclide (j)	Parent (i)	THF(i)	DOSE(j,t), mrem/yr t= 0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
Cs-137	Cs-137	1.000E+00	4.008E+00	3.915E+00	3.564E+00	3.169E+00	1.239E+00	3.828E-01	3.184E-05	2.529E-10
H-3	H-3	1.000E+00	3.219E-03	2.579E-04	6.333E-09	1.066E-14	0.000E+00	0.000E+00	0.000E+00	0.000E+00
Pb-210	Pb-210	1.000E+00	1.589E-03	2.843E-03	2.679E-03	2.270E-03	6.030E-04	1.150E-04	1.980E-10	1.181E-17
Pb-210	Ra-226	1.000E+00	3.506E-05	1.460E-04	5.004E-04	8.722E-04	2.205E-03	2.274E-03	6.068E-04	1.005E-04
Pb-210	Th-230	1.000E+00	4.396E-09	4.123E-08	5.962E-07	2.067E-06	3.124E-05	7.909E-05	2.617E-04	2.489E-04
Pb-210	U-234	1.000E+00	1.760E-11	2.651E-11	2.708E-11	7.639E-11	4.936E-09	2.577E-08	4.124E-07	6.641E-07
Pb-210	U-238	9.999E-01	2.130E-11	4.856E-11	1.338E-10	2.586E-10	1.137E-09	2.055E-09	5.442E-09	6.321E-09
Pb-210	äDOSE(j)		1.624E-03	2.989E-03	3.180E-03	3.144E-03	2.839E-03	2.468E-03	8.689E-04	3.501E-04
Ra-226	Ra-226	1.000E+00	8.649E-02	8.651E-02	8.537E-02	8.396E-02	7.353E-02	6.228E-02	1.651E-02	3.141E-03
Ra-226	Th-230	1.000E+00	1.887E-05	5.665E-05	2.067E-04	3.914E-04	1.764E-03	3.240E-03	9.218E-03	1.090E-02
Ra-226	U-234	1.000E+00	6.112E-11	4.024E-10	5.107E-09	1.834E-08	3.848E-07	1.352E-06	1.386E-05	2.224E-05
Ra-226	U-238	9.999E-01	5.517E-12	1.258E-11	3.468E-11	6.717E-11	3.124E-10	6.551E-10	6.614E-09	1.447E-08
Ra-226	äDOSE(j)		8.650E-02	8.656E-02	8.557E-02	8.435E-02	7.529E-02	6.553E-02	2.575E-02	1.406E-02
Sr-90	Sr-90	1.000E+00	2.324E-01	2.336E-01	2.048E-01	1.736E-01	4.644E-02	8.930E-03	1.660E-08	1.119E-15
Th-230	Th-230	1.000E+00	3.149E-04	3.149E-04	3.149E-04	3.149E-04	3.147E-04	3.145E-04	3.130E-04	3.111E-04
Th-230	U-234	1.000E+00	1.424E-09	4.254E-09	1.544E-08	2.918E-08	1.296E-07	2.342E-07	6.071E-07	6.838E-07
Th-230	U-238	9.999E-01	4.008E-15	1.540E-14	1.368E-13	4.634E-13	9.103E-12	3.138E-11	2.958E-10	4.474E-10
Th-230	äDOSE(j)		3.149E-04	3.149E-04	3.149E-04	3.149E-04	3.149E-04	3.148E-04	3.136E-04	3.117E-04
U-234	U-234	1.000E+00	2.518E-04	3.148E-04	3.097E-04	3.035E-04	2.576E-04	2.099E-04	4.018E-05	4.873E-06
U-234	U-238	9.999E-01	4.057E-10	1.338E-09	4.829E-09	9.032E-09	3.688E-08	5.980E-08	5.705E-08	1.384E-08
U-234	äDOSE(j)		2.518E-04	3.148E-04	3.097E-04	3.035E-04	2.576E-04	2.099E-04	4.024E-05	4.887E-06
U-238	U-238	5.400E-05	1.208E-08	1.515E-08	1.491E-08	1.461E-08	1.240E-08	1.010E-08	1.936E-09	2.348E-10
U-238	U-238	9.999E-01	1.461E-03	1.515E-03	1.491E-03	1.461E-03	1.243E-03	1.015E-03	2.006E-04	2.624E-05
U-238	äDOSE(j)		1.461E-03	1.516E-03	1.491E-03	1.461E-03	1.243E-03	1.015E-03	2.006E-04	2.624E-05

THF(i) is the thread fraction of the parent nuclide.

Summary : IR/FSS_M0003_Res_Avg Bkgd Subtract
File : E:\@WORK\BROOKHAVEN\FINAL STATUS SURVEY DATA\RESRAD FILES\SU 7A\IR_FSS_M0003_RESIDENTIAL_BKGD SUBTRACT.RAD

Individual Nuclide Soil Concentration
Parent Nuclide and Branch Fraction Indicated

Nuclide (j)	Parent (i)	THF(i)	S(j,t), pCi/g t= 0.000E+00	1.000E+00	5.000E+00	1.000E+01	5.000E+01	1.000E+02	5.000E+02	1.000E+03
Cs-137	Cs-137	1.000E+00	1.790E+01	1.748E+01	1.592E+01	1.415E+01	5.532E+00	1.709E+00	1.422E-04	1.129E-09
H-3	H-3	1.000E+00	5.950E+01	4.202E+00	1.033E-04	1.739E-10	0.000E+00	0.000E+00	0.000E+00	0.000E+00
Pb-210	Pb-210	1.000E+00	1.190E-01	1.151E-01	1.008E-01	8.546E-02	2.274E-02	4.344E-03	7.714E-09	5.000E-16
Pb-210	Ra-226	1.000E+00	0.000E+00	3.632E-03	1.690E-02	3.094E-02	8.147E-02	8.459E-02	2.364E-02	4.499E-03
Pb-210	Th-230	1.000E+00	0.000E+00	7.982E-07	1.902E-05	7.175E-05	1.173E-03	3.036E-03	1.156E-02	1.400E-02
Pb-210	U-234	1.000E+00	0.000E+00	2.400E-12	2.882E-10	2.195E-09	1.904E-07	1.025E-06	1.670E-05	2.824E-05
Pb-210	U-238	9.999E-01	0.000E+00	1.703E-18	1.027E-15	1.574E-14	7.080E-12	7.836E-11	6.036E-09	1.618E-08
Pb-210	äS(j):		1.190E-01	1.188E-01	1.178E-01	1.165E-01	1.054E-01	9.197E-02	3.521E-02	1.852E-02
Ra-226	Ra-226	1.000E+00	1.190E-01	1.186E-01	1.170E-01	1.151E-01	1.008E-01	8.540E-02	2.265E-02	4.312E-03
Ra-226	Th-230	1.000E+00	0.000E+00	5.190E-05	2.578E-04	5.113E-04	2.394E-03	4.421E-03	1.264E-02	1.496E-02
Ra-226	U-234	1.000E+00	0.000E+00	2.334E-10	5.778E-09	2.283E-08	5.179E-07	1.837E-06	1.897E-05	3.046E-05
Ra-226	U-238	9.999E-01	0.000E+00	2.205E-16	2.725E-14	2.149E-13	2.398E-11	1.667E-10	7.169E-09	1.771E-08
Ra-226	äS(j):		1.190E-01	1.187E-01	1.173E-01	1.156E-01	1.032E-01	8.982E-02	3.531E-02	1.931E-02
Sr-90	Sr-90	1.000E+00	3.270E+01	3.164E+01	2.773E+01	2.352E+01	6.299E+00	1.213E+00	2.300E-06	1.617E-13
Th-230	Th-230	1.000E+00	1.200E-01	1.200E-01	1.200E-01	1.200E-01	1.199E-01	1.199E-01	1.193E-01	1.185E-01
Th-230	U-234	1.000E+00	0.000E+00	1.078E-06	5.347E-06	1.059E-05	4.889E-05	8.882E-05	2.311E-04	2.603E-04
Th-230	U-238	9.999E-01	0.000E+00	1.527E-12	3.777E-11	1.490E-10	3.349E-09	1.175E-08	1.122E-07	1.700E-07
Th-230	äS(j):		1.200E-01	1.200E-01	1.200E-01	1.200E-01	1.200E-01	1.199E-01	1.195E-01	1.188E-01
U-234	U-234	1.000E+00	1.200E-01	1.195E-01	1.176E-01	1.153E-01	9.806E-02	8.013E-02	1.594E-02	2.116E-03
U-234	U-238	9.999E-01	0.000E+00	3.388E-07	1.667E-06	3.267E-06	1.390E-05	2.272E-05	2.260E-05	6.007E-06
U-234	äS(j):		1.200E-01	1.195E-01	1.176E-01	1.153E-01	9.808E-02	8.016E-02	1.596E-02	2.122E-03
U-238	U-238	5.400E-05	6.480E-06	6.454E-06	6.351E-06	6.224E-06	5.296E-06	4.328E-06	8.617E-07	1.146E-07
U-238	U-238	9.999E-01	1.200E-01	1.195E-01	1.176E-01	1.152E-01	9.807E-02	8.015E-02	1.596E-02	2.122E-03
U-238	äS(j):		1.200E-01	1.195E-01	1.176E-01	1.153E-01	9.808E-02	8.016E-02	1.596E-02	2.122E-03

THF(i) is the thread fraction of the parent nuclide.

RESCALC.EXE execution time = 37.50 seconds
Total water/soil iteration failures = 5.000E+00.

APPENDIX I

ProUCL Output - Mercury

UCL Statistics for Data Sets with Non-Detects

User Selected Options	
Date/Time of Computation	ProUCL 5.12/14/2022 2:54:41 PM
From File	WorkSheet.xls
Full Precision	OFF
Confidence Coefficient	95%
Number of Bootstrap Operations	2000

Mercury

General Statistics

Total Number of Observations	199	Number of Distinct Observations	60
Number of Detects	87	Number of Non-Detects	112
Number of Distinct Detects	60	Number of Distinct Non-Detects	5
Minimum Detect	0.006	Minimum Non-Detect	0.014
Maximum Detect	0.89	Maximum Non-Detect	0.018
Variance Detects	0.0185	Percent Non-Detects	56.28%
Mean Detects	0.0617	SD Detects	0.136
Median Detects	0.028	CV Detects	2.202
Skewness Detects	5.469	Kurtosis Detects	31.45
Mean of Logged Detects	-3.472	SD of Logged Detects	0.995

Normal GOF Test on Detects Only

Shapiro Wilk Test Statistic	0.36	**Normal GOF Test on Detected Observations Only**
5% Shapiro Wilk P Value	0	Detected Data Not Normal at 5% Significance Level
Lilliefors Test Statistic	0.341	**Lilliefors GOF Test**
5% Lilliefors Critical Value	0.0951	Detected Data Not Normal at 5% Significance Level

Detected Data Not Normal at 5% Significance Level

Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs

KM Mean	0.0326	KM Standard Error of Mean	0.00664
KM SD	0.093	95% KM (BCA) UCL	0.0439
95% KM (t) UCL	0.0436	95% KM (Percentile Bootstrap) UCL	0.0449
95% KM (z) UCL	0.0435	95% KM Bootstrap t UCL	0.0627
90% KM Chebyshev UCL	0.0525	95% KM Chebyshev UCL	0.0616
97.5% KM Chebyshev UCL	0.0741	99% KM Chebyshev UCL	0.0987

Gamma GOF Tests on Detected Observations Only

A-D Test Statistic	5.052	**Anderson-Darling GOF Test**
5% A-D Critical Value	0.789	Detected Data Not Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.161	**Kolmogorov-Smirnov GOF**
5% K-S Critical Value	0.0993	Detected Data Not Gamma Distributed at 5% Significance Level

Detected Data Not Gamma Distributed at 5% Significance Level

Gamma Statistics on Detected Data Only

k hat (MLE)	0.856	k star (bias corrected MLE)	0.834
Theta hat (MLE)	0.0721	Theta star (bias corrected MLE)	0.074
nu hat (MLE)	149	nu star (bias corrected)	145.2
Mean (detects)	0.0617		

Gamma ROS Statistics using Imputed Non-Detects

53	GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs											
54	GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)											
55	For such situations, GROS method may yield incorrect values of UCLs and BTVs											
56	This is especially true when the sample size is small.											
57	For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates											
58					Minimum	0.006				Mean		0.0326
59					Maximum	0.89				Median		0.01
60					SD	0.0932				CV		2.858
61					k hat (MLE)	0.857				k star (bias corrected MLE)		0.847
62					Theta hat (MLE)	0.0381				Theta star (bias corrected MLE)		0.0385
63					nu hat (MLE)	340.9				nu star (bias corrected)		337.1
64					Adjusted Level of Significance (β)	0.0488						
65					Approximate Chi Square Value (337.11, α)	295.6				Adjusted Chi Square Value (337.11, β)		295.3
66					95% Gamma Approximate UCL (use when n>=50)	0.0372				95% Gamma Adjusted UCL (use when n<50)		0.0372
67												
68	**Estimates of Gamma Parameters using KM Estimates**											
69					Mean (KM)	0.0326				SD (KM)		0.093
70					Variance (KM)	0.00865				SE of Mean (KM)		0.00664
71					k hat (KM)	0.123				k star (KM)		0.125
72					nu hat (KM)	48.99				nu star (KM)		49.59
73					theta hat (KM)	0.265				theta star (KM)		0.262
74					80% gamma percentile (KM)	0.0298				90% gamma percentile (KM)		0.0933
75					95% gamma percentile (KM)	0.185				99% gamma percentile (KM)		0.463
76												
77	**Gamma Kaplan-Meier (KM) Statistics**											
78					Approximate Chi Square Value (49.59, α)	34.42				Adjusted Chi Square Value (49.59, β)		34.33
79					95% Gamma Approximate KM-UCL (use when n>=50)	0.047				95% Gamma Adjusted KM-UCL (use when n<50)		0.0471
80												
81	**Lognormal GOF Test on Detected Observations Only**											
82					Shapiro Wilk Approximate Test Statistic	0.937				**Shapiro Wilk GOF Test**		
83					5% Shapiro Wilk P Value	4.8955E-4				Detected Data Not Lognormal at 5% Significance Level		
84					Lilliefors Test Statistic	0.0645				**Lilliefors GOF Test**		
85					5% Lilliefors Critical Value	0.0951				Detected Data appear Lognormal at 5% Significance Level		
86	**Detected Data appear Approximate Lognormal at 5% Significance Level**											
87												
88	**Lognormal ROS Statistics Using Imputed Non-Detects**											
89					Mean in Original Scale	0.0324				Mean in Log Scale		-4.237
90					SD in Original Scale	0.0933				SD in Log Scale		1.068
91					95% t UCL (assumes normality of ROS data)	0.0434				95% Percentile Bootstrap UCL		0.0444
92					95% BCA Bootstrap UCL	0.0498				95% Bootstrap t UCL		0.0606
93					95% H-UCL (Log ROS)	0.0303						
94												
95	**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**											
96					KM Mean (logged)	-4.131				KM Geo Mean		0.0161
97					KM SD (logged)	0.9				95% Critical H Value (KM-Log)		2.092
98					KM Standard Error of Mean (logged)	0.075				95% H-UCL (KM -Log)		0.0276
99					KM SD (logged)	0.9				95% Critical H Value (KM-Log)		2.092
100					KM Standard Error of Mean (logged)	0.075						
101												
102	**DL/2 Statistics**											
103	**DL/2 Normal**									**DL/2 Log-Transformed**		
104					Mean in Original Scale	0.0313				Mean in Log Scale		-4.267

	A	B	C	D	E	F	G	H	I	J	K	L
105					SD in Original Scale	0.0935				SD in Log Scale		0.962
106					95% t UCL (Assumes normality)	0.0422				95% H-Stat UCL		0.0258
107	**DL/2 is not a recommended method, provided for comparisons and historical reasons**											
108												
109	**Nonparametric Distribution Free UCL Statistics**											
110	**Detected Data appear Approximate Lognormal Distributed at 5% Significance Level**											
111												
112	**Suggested UCL to Use**											
113					KM H-UCL	0.0276						
114												
115	Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.											
116	Recommendations are based upon data size, data distribution, and skewness.											
117	These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).											
118	However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.											
119												

	A	B	C	D	E	F	G	H	I	J	K
1	Mercury	D_Mercury		Mercury	D_Mercury		Mercury	D_Mercury		Mercury	D_Mercury
2	0.015	0		0.017	0		0.032	1		0.015	0
3	0.016	0		0.015	0		0.082	1		0.047	1
4	0.018	0		0.058	1		0.014	1		0.056	1
5	0.015	0		0.054	1		0.091	1		0.069	1
6	0.014	0		0.034	1		0.05	1		0.068	1
7	0.014	0		0.025	1		0.016	0		0.033	1
8	0.017	0		0.006	1		0.018	0		0.086	1
9	0.016	0		0.017	0		0.015	0		0.046	1
10	0.016	0		0.015	0		0.018	1		0.037	1
11	0.0067	1		0.015	0		0.019	1		0.049	1
12	0.015	0		0.015	0		0.018	0		0.015	0
13	0.016	0		0.014	0		0.014	0		0.015	0
14	0.01	1		0.014	0		0.018	0		0.064	1
15	0.014	0		0.015	0		0.014	0		0.087	1
16	0.014	0		0.015	0		0.027	1		0.049	1
17	0.014	0		0.015	0		0.014	0		0.28	1
18	0.014	0		0.014	0		0.018	0		0.099	1
19	0.0088	1		0.016	0		0.016	1		0.018	1
20	0.015	0		0.016	0		0.015	0		0.074	1
21	0.015	0		0.015	0		0.016	0		0.054	1
22	0.015	0		0.015	0		0.17	1		0.041	1
23	0.015	0		0.016	0		0.094	1		0.058	1
24	0.015	0		0.014	0		0.061	1		0.071	1
25	0.015	0		0.016	0		0.015	0		0.071	1
26	0.016	0		0.015	0		0.015	0		0.013	1
27	0.025	1		0.015	0		0.016	0		0.028	1
28	0.018	1		0.015	0		0.016	0		0.024	1
29	0.023	1		0.015	0		0.015	0		0.034	1
30	0.026	1		0.014	1		0.014	0		0.015	0
31	0.014	0		0.015	0		0.013	1		0.031	1
32	0.015	0		0.014	0		0.028	1		0.015	0
33	0.015	0		0.01	1		0.025	1		0.015	0
34	0.015	0		0.0098	1		0.011	1		0.014	0
35	0.016	0		0.015	0		0.017	1		0.014	0
36	0.015	0		0.0066	1		0.013	1		0.014	0
37	0.014	0		0.015	0		0.28	1		0.015	0
38	0.014	0		0.016	0		0.89	1		0.014	0
39	0.018	0		0.013	1		0.89	1		0.051	1
40	0.015	0		0.016	1		0.015	0		0.053	1
41	0.014	0		0.015	1		0.015	0		0.011	1
42	0.016	0		0.0064	1		0.015	0			
43	0.015	0		0.017	0		0.015	0			
44	0.015	0		0.014	0		0.014	0			
45	0.025	1		0.02	1		0.014	0			
46	0.016	1		0.014	1		0.015	1			
47	0.007	1		0.012	1		0.016	0			
48	0.085	1		0.0067	1		0.016	0			
49	0.039	1		0.03	1		0.015	1			
50	0.012	1		0.015	0		0.053	1			
51	0.015	0		0.015	0		0.042	1			
52	0.014	0		0.016	0		0.029	1			
53	0.016	0		0.014	0		0.015	0			
54	0.014	0		0.021	1		0.016	0			